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GEOPHOTO MINERALS REPORT 1974/4

SUMMARY REVIEW OF EXPLORATION IN THE DUNDAS AREA OF E.L.7/68, WEST TASMANIA

AUGUST, 1968 - DECEMBER, 1973.

Prepared by

GEOPHOTO RESOURCES CONSULTANTS

for

TEXINS DEVELOPMENT PTY. LIMITED

L. Discala
February, 1974

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INTRODUCTION

This report is a summary review of the work carried out by Geophoto Resources Consultants as exploration consultants for Texins Development Pty. Ltd. in the Dundas section of Exploration Licence 7/68, from August, 1968 to December, 1973. During this period of time, a considerable amount of data has been gathered in the field and one of the purposes of this report is that of providing an easier access to the existing information by listing the selected references for each work unit.

At some stage, due to the evolving programs of exploration, data and valuable observations recorded in the field were not included in any Minerals or Progress Reports. In such cases the work undertaken has been described and the results obtained have been interpreted.

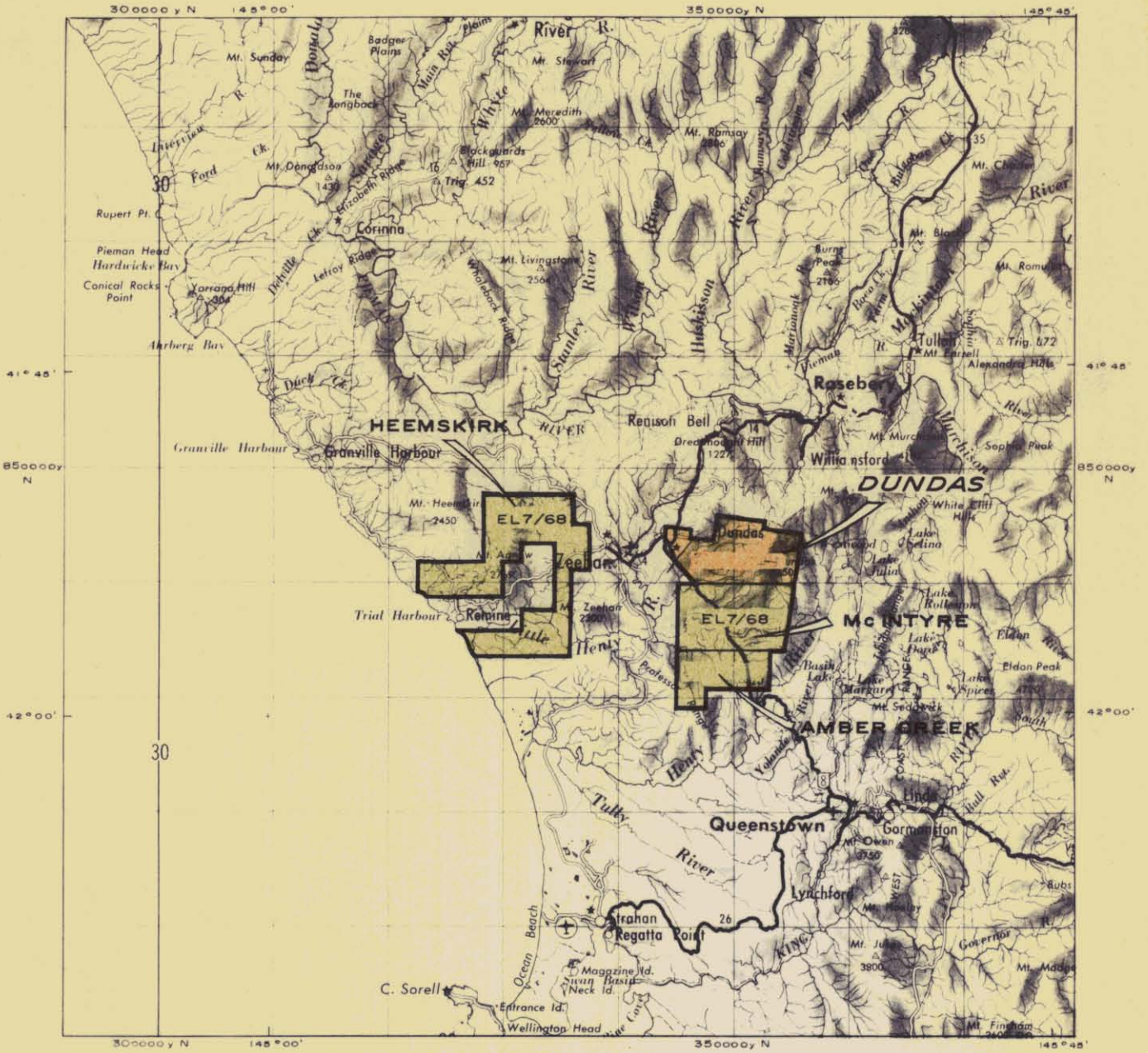
A certain confusion has developed during the years in the existing nomenclature; for example, terms like "Comet Line", "Comet-Kosminski line", "South Comet-Kosminsky zone of mineralization" have been all applied, at various times, to the same mineralized trend.

Throughout this report the nomenclature shown in Figure 2 and map B376 has been adopted.

Most of the workings of the area were, in the old times dignified with the term of "mine" and many narrow mineralized trends became "lodes". This terminology has often been retained in this report for easier reference. For more detailed information on the rationale for the planning of the exploration in each work unit, and an assessment of results at each checkpoint of the investigations, the Minerals Reports, of which a list is given in the Appendix, should be consulted.

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145°00'
350000y N
145°45'
Badger Plains
Mt. Sunday
Mt. Stewart
The Longback
Mt. Meredith 2600'
Mt. Ramsay 2886
Blackguards Hill 957
Trig. 452
Mt. Dongadson 1430
Rupert Pt.
Corinna
Pieman Head
Hardwicke Bay
Conical Rocks Point
Yarrana Hill 304
Mt. Livingstone 2560
Arberg Bay
Duck Ck.
HEEMSKIRK
Granville Harbour
Renison Bell
Dreadnought Hill 1227
Williamsford
DUNDAS
Mt. Heemskirk 2450
EL7/68
Zeehan
Dundas
Trial Harbour
Regine
Mt. Zeehan 2300
McINTYRE
Mt. Sedgwick
AMBER CREEK
Queenstown
Linda
Gormanston
Mt. Owen 3750
Lynchford
Strahan
Regatta Point
Ocean Beach
C. Sorell
Magazine Id.
Swan Basin
Neck Id.
Entrance Id.
Wellington Head
Mt. Tullen
Mt. Farrell
Trig. 672
Alexandra Hills
Mt. Murchison
Sophia Peak
Lake Selina
Lake Julius
Lake Rotherma
Lake Dora
Lake Margaret
Lake Spicer
Eldon Peak
Mt. Jukes 3800
Mt. Finnigan
Mt. Madge
Tullah
Rosebery
Mt. Black
Mt. Roma
Mt. Charles
Burnie Peak 2786
Mt. Blythe
Mt. Ramsay 2886
Mt. Meredith 2600'
Mt. Livingstone 2560
Mt. Donaldson 1430
Blackguards Hill 957
Trig. 452
Yarrana Hill 304
Mt. Sunday
Mt. Stewart
Mt. Owen 3750
Mt. Jukes 3800
Mt. Finnigan
Mt. Madge
Mt. Farrell
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Alexandra Hills
Mt. Murchison
Sophia Peak
Lake Selina
Lake Julius
Lake Rotherma
Lake Dora
Lake Margaret
Lake Spicer
Eldon Peak
Mt. Sedgwick
Mt. Heemskirk 2450
Mt. Zeehan 2300
Dreadnought Hill 1227
Williamsford

It is also to be mentioned that a review of drilling activity undertaken from September, 1972 to March, 1973, as well as an appraisal of the economic significance of the South Comet lodes, is being carried out and will be included in a separate report.

EXPLORATION LICENCE 7/68 - HISTORY

E.L.7/68 was granted by the Minister of Mines, Tasmania, to Texins Development Pty. Ltd. on 23rd August, 1968.

For descriptive purposes the area covered by the licence was subdivided into four main sections (See Figure

1. Heemskirk area, 35 square miles (at 31st December, 1973).
2. Dundas area, 17 square miles
3. McIntyre area, 16.7 square miles
4. Amber Creek area (former S.P.L. 89), 10.4 square miles

The boundaries of the Dundas area are described by the Department of Mines (Schedule I, part II) as follows:

"Commencing at the posted notice whose grid co-ordinates are 843,700 y.N 343,700 y.E. and being a point 10 chains north of the north east corner of former mineral lease 997/93M located on the south western side of the Zeehan-Queenstown Road thence 64 chains or thereabouts due north by grid line 343.700 y.N. to a point on the southern boundary of Exploration Licence 2/62 thence 1 mile 34 chains easterly partly by part of the southern boundary of Exploration Licence 2/62 aforesaid to a point on the western boundary of Special Prospector's Licence 27 and being 1½ chains or thereabouts west of the north west corner of former mineral lease 1242/93M thence 22 chains southerly, 1 mile 46 chains easterly, 1 mile 16 chains northerly, 1 mile 73 chains again easterly by part of a western a southern a part of an eastern and a southern boundary of Special Prospector's Licence 27 aforesaid and the southern boundary of Special Prospector's Licence 20 to a point on a western boundary of Exploration Licence 1/62 and being 6 chains east of the north west corner of former mineral lease 895/93M thence 39 chains southerly and 3 miles 26 chains easterly by part of the western boundary and a southern boundary of Exploration Licence 1/62

aforesaid to a point on a western boundary of Exploration Licence 9/66 thence 3 miles or thereabouts southerly by part of that western boundary of Exploration Licence 9/66 aforesaid to its intersection with grid line 840,000 y.N. thence due west by grid line 840,000 y.N. aforesaid to its intersection with grid line 346,000 y.E. and being a point on the Zeehan-Queenstown Road thence north westerly to the point of commencement."

The only modification to these boundaries was made in May, 1971 when, following a correction made to all the charts of the Department of Mines, the eastern boundary of the area was moved westwards, so that the co-ordinates of the east corners became

844, 350 yards N	355, 400 yards E
840, 000 yards N	354, 800 yards E

Four mineral leases were held by local prospectors within the Dundas area in 1968. They were:

Lease	Holder	Area	Location
47M/57	J.D. Murray	10 acres	Adelaide mine
1M/69, 2M/69	J.A. Smyth	68 acres	South Comet mine
20M/46	W.J. Hodge	5 acres	Maestri mill workings

In December, 1969 an option agreement on Mineral Leases 1M/69 and 2M/69 was arranged between Texins Development Pty. Ltd. and J.A. Smyth, whereby Texins Development Pty. Ltd. acquired the right to purchase the two leases, as well as the right to prospect in the lease areas after an initial payment. The option was subsequently extended until 31st December, 1972 and exercised at that date.

An option agreement for the term of 1 year was arranged with J.D. Murray on the 47M/57 Mineral Lease. The option was not extended after that date (see Geophoto Minerals Report 1972/22).

In October, 1973 two local prospectors, F. Mihajlovits and R. Williams obtained from Texins Development Pty. Ltd. permission to lodge an application with the Department of Mines for two mineral leases, (of 5 and 9 acres respectively), to be granted in the area of the West Comet prospect, for mineral specimen collection and sale. The endorsement of the Department of Mines is still pending at this date.

In summary, at December 1973, the Authority granted to Texins Development Pty. Ltd. over the Dundas area comprises:

1. Exploration Licence 7/68 over an area of 17 square miles, due to expire 23rd February, 1974.

2. Mineral Leases 1M/69 and 2M/69 over an area of 68 acres, due to expire on 1st March, 1990.

LOCATION AND ACCESS

The area is located on the West Coast of Tasmania, at about three miles east of the township of Zeehan. The main access is provided by the Queenstown-Wynyard sealed road and by an old track to the abandoned township of Dundas, which departs the main road at about 3,000ft north-east of the Zeehan junction.

The Dundas track is in quite fair condition all year, and can be negotiated by 2-wheel drive vehicles as far as the old Maestri mill site (about three miles from the entrance). From this point all tracks leading to the main prospect areas, shown on Map B374 are safely negotiable only by 4-wheel-drive vehicles.

The South Comet track, which extends as far as the Adelaide mine creek, is in fair condition as far as the South Comet mine but becomes steeply graded and easily washed out on the slopes of the South Comet hill.

The North Montezuma track which, for about two miles passes through rugged, heavily timbered country, is winding and steeply graded. It's foundations are, however, solid and the track is accessible to 4-wheel-drive vehicles in all weathers.

Access to the eastern part of the area is through the Howard track which starts at three miles south-east of the Zeehan junction and extends as far as the Hercules mine, passing close to the east boundary of the E.L.7/68 area. At about 500ft before the bridge on White Spur creek there is, on the left side of the track, a recently dozed trail (see Map B374) leading upstream to the starting point of the access lines cut along the tributaries of the main stream.

Some areas, such as East Carbine, Mariposa, Mt. Dundas are approachable only along the grid lines.

PHYSIOGRAPHY - CLIMATE AND VEGETATION (Refer to Map B375)

The Dundas area occupies a deeply dissected erosion surface of which the northerly-trending Mt. Dundas-Mt. Read plateau and it's Carbine branch are the only remnants. The highest point is Mt. Dundas (3,750 ft), the upper part of which is formed by a capping of Jurassic dolerite resting, along with patches of Permian tillite, on peneplained Cambrian formations. The plateau acts as a divide between two major drainage systems:

1. The Dundas rivulet system, formed by several subparallel, westerly flowing streams (Mariposa, Climie, Adelaide, South Comet, Comet, Concert).

2. The White Spur drainage system, which originates on the eastern flank of the divide and is characterised by a less marked topographic relief.

The climate is cool and humid. The yearly average rainfall figure for Zeehan is 97.06 inches; for Mt. Read, three miles east of Dundas, is 136 inches. Above 2,000ft elevation the snow remains on the ground for long periods during the winter (July, August, September, October) and landslides are very common, particularly in the South Comet and Montezuma areas.

With the exception of the western flats, mainly covered by button-grass, the area is characterized by a dense rainforest-type vegetation. Mats of tangled undergrowth and dead trees, a common feature of the Montezuma and Mariposa areas, hamper penetration and are the main obstacle to field operations.

GEOLOGY, REGIONAL (Refer to Map B376)

The geology of the West Coast of Tasmania has been described by several authors, namely Elliston (1954), Campana and King (1961), Blisset (1962). The contributions by Texins Development Pty. Ltd. have been recorded in Minerals Reports issued by Geophoto Resources Consultants from 1968 to 1973. In this review, we will limit ourselves to summarising the main stratigraphic and structural features of the area, referring for more details to the above-mentioned sources and to the 1" = 100' map series available in the Geophoto files.

1. Stratigraphy

The Dundas area is part of an eugeosynclinal trough of sedimentation, located between the Tyennan block and the Rocky Cape geoanticline and defined by Campana (1961) as an "arcuate and narrow trench developed at the fringe of the Mt. Read volcanic arch where some 2,100 metres of sediments and volcanics accumulated in Cambrian time".

The oldest rocks of the area are the grey and black phyllites of the Concert group, of Lower Proterozoic age, which outcrop at the core of the Montezuma anticline and are, in our opinion, "conformably" overlain by the quartzite and slate of the Oonah formation (Upper Proterozoic - Lower Cambrian).

The argillites of the Crimson Creek formation (Lower Cambrian) are next in the sedimentary sequence. They are mainly exposed in the Kosminsky hill, along the branch track to D.D.H. K.H.E.-3 site, where they consist of pink, cream and mauve mudstone and shale locally in fault contact with the black slate of the Oonah formation.

The Crimson Creek formation is conformably overlain by the greywacke-shale-conglomerate sequence of the Dundas group which is better exposed in the western part of the area along the Dundas track.

The Dundas group is more represented in the area than shown in previously published maps. The outcrops at the headwaters of the Mariposa creek have been regarded by Geophoto, on stratigraphic grounds, as belonging to the upper part of the Dundas group and not to the Oonah formation as taken from Blisset's mapping (1961). Similar conclusions have been reached also for the shale and tuffites exposed along the White Spur creek which previous maps showed as part of the Crimson Creek formation.

Besides these tuffaceous units within the Dundas group, other igneous rocks occur in the area.

As mentioned under section "Physiography", the remnant of a Jurassic dolerite sill forms the top 700ft of Mt. Dundas.

Massive serpentinite, interpreted as the product of serpentinization of pyroxenite sill-like bodies intruded in Cambrian time at the base of the Dundas group, occur in the West Comet and Adelaide prospect areas. The serpentinite is surrounded by a zone of silicified rocks and often weathers into iron-oxide outcrops which can, at first sight, be mistaken for "true gossans".

2. Structure

The main structural features of the area originated either during the Tabberabberan orogenesis (Devonian time) or the Post-Permian faulting. They are:

a. Montezuma anticlinorium (Devonian)

This north-east trending structure is part of the Dundas-Deloraine anticlinal zone (Solomon, 1965). It's western limb is at fault contact with the Cambrian formations of the Zeehan Syncline, intruded by the ultrabasic bodies.

b. Montezuma fault (Devonian)

This low angle reverse fault dips to the west and strikes from north-north-east to north-north-west. To the south, the fault line is concealed under the Jurassic dolerite of Mt. Dundas, but continues farther south into the McIntyre area with a pronounced westerly trend.

c. Mariposa synclinorium (Devonian)

In the southern part of the area the Dundas group has been folded into this broad, faulted structure which strikes north-east and plunges to the south-west.

d. Zeehan syncline (Devonian)

Only the eastern limb of this north-west trending structure, which is part of the Zeehan-Railton synclinorium (Banks, 1959), is within the E.L.7/68 area.

e. South Comet fault (Devonian-Post Permian?)

This northeast - east northeast trending, left wrench fault, partly traced along the South Comet creek, appears to offset the main mineralized zone of the area into the Kosminaky and South Comet sections. It probably originated during the Tabberabberan orogenesis but the offset of the lodes indicates that later minor horizontal movements took place in post mineralization time.

MINERALIZATION (Refer to Map B376)

The hydrothermal mineralization which accompanied the Devonian granite intrusion and the mineralogical zoning of the Zeehan-Dundas field, have been the object of several detailed studies, namely G. Waller (1904), A.B. Edwards (1953), Campana and King (1961), A.H. Blisset (1962), Both and Williams (1968).

Particular aspects of the mineralization in the Dundas district have been dealt with in many Geophoto Minerals Reports (1969/30, 1970/18, 1970/72, 1970/76, 1970/96, 1971/48 and 1972/22) of which the following sections are a review.

1. Control of mineralization

As pointed out by G. Thomas (1972), (refer to Appendix I), "the mineralization in the area has been controlled by tensional conduits developed during the later stages of the (Tabberabberan) orogenesis".

The "lodes" are fissure veins located in rocks ranging from Upper Proterozoic (Oonah formation) to Cambrian (Dundas group). Their strike is almost consistently northwest; their dip is often westerly.

No important lodes seem to be located along major fault planes, though mineralization often occurs in proximity to them, probably associated with "splays" of the main faults (for example, Montezuma fault).

There are important known instances in which the lithology of the host rock has controlled the location of major oreshoots. In the Comet mine (K. Finucane, 1947), the main lode occurred as a "replacement in a wide band of dolomitized serpentinite". 84% of the production of the Dundas field comes from this mine.

The "Kosminsky-South Comet" fracture zone is the most outstanding ore localizer of the area. At it's northern extremity it ends at the intersection with a northeast trending fault; to the south it seems to end in the Montezuma fault, in the McIntyre area.

The fracture zone has been divided for convenient reference into four sections, Kosminsky, South Comet, Climie and Mariposa which, altogether, attain a strike length of more than 1.5 miles (see Map B376).

Within the Kosminsky and South Comet sections, offset by the South Comet fault, the width of the zone is from 350ft to 450ft and several mineralized trends have been tested by diamond drilling.

The easternmost seems to have better continuity and grade in the area of the South Comet mine where three main lodes have been worked.

Mineralization is inferred to occur also in the "Climie section" (3,200ft) of the "zone" where a well defined VLF-EM

anomaly has been recorded, and several gossan outcrops have been recognised in the field.

In the "Mariposa section" (1,800ft), the continuation of the above-mentioned anomaly and the finding of some mineralized (galena) boulders along a tributary of the Mariposa creek (see Map 1.355 are the only supporting indications.

2. Mineralogy and Spatial Distribution

Sphalerite and argentiferous galena are the main economic minerals of the field. They usually occur associated, although almost always megascopically distinguishable. Very seldom fine intergrowths of the two minerals have been observed.

Siderite and ankerite are the main gangue minerals. Pyrite is less abundant but becomes preponderant in the fissure veins of the Montezuma area where a different and more complex minerals assemblage, consisting of jamesonite-galena-pyrite-tetrahedrite(?) with subordinate amounts of sphalerite, bournonite, cassiterite and arsenopyrite have been recognised. From the foregoing it appears that most of the mineralization of the Dundas area is within the "siderite zone", as defined by Both and Williams (1968) for the Zeehan field, with the exception of the Montezuma area where a repetition of the "pyrite" zone can be inferred (see also Geophoto Minerals Report 1971/48).

3. Habit of Mineralization

Drilling, underground sampling and old mining records agree on the fact that the mineralization in the Dundas field is patchy and low grade. The occasional oreshoots are erratically distributed within the controlling structural features, are small in size, and alternating with long low grade or barren sections.

MINING AND PRODUCTION RECORDS

Galena was first discovered in the district in 1889 and, in the following years, several companies and syndicates were formed to explore and mine in the area (Maestri-Broken Hill Co., Silver Mining Co., Comet Tribute Syndicate, Kosminsky Syndicate, Mt. Dundas Prospecting and Silver Mining Co.).

The Dundas township was built at the beginning of the century and connected by railway to the Zeehan-Strahan line, but the activity was already over in 1913, and the field has remained practically abandoned since then. From 1927 to 1949 minor mining operations were undertaken in the area of the Great South Comet mine and in more recent years small amounts of ore have been won by J. Smyth from Stope No. 5 of this mine and sold to E.Z. Co. A'asia smelters. Local prospectors are still producing specimens of crocoite, cerussite and dundasite from the Adelaide mine for sale to collectors.

The following is a review, based on available data, of production of the Dundas field:

1. Comet-Maestri mine

Lode composition: Argentiferous galena - sphalerite (minor) - siderite.

Host rock: Oonah formation. Rich shoots in dolomitized serpentinite.

Attitude of lodes: Strike northwest, dip southwest from 65° to 70°.

The main orebody was worked over an interrupted strike length of 1,610ft by open cuts and underground mining. Stoping was undertaken from the 160ft level to the 335ft level over a maximum length of 424ft (335ft level). (See McKenna, Plan T486).

Total production (McLeod, 1962):

	Ore (tons)	Lead (tons)	Silver (ounces)
Ore of grade 26% Pb and 35 oz Ag/ton	9,000	2,500	316,000
Lump galena assaying 65% Pb and 41 oz Ag/ton	9,000	5,850	369,000
Ore averaging 12% Pb and 8 oz Ag/ton	75,000	9,000	600,000
Fe-Mn gossan, mined as flux, assaying 5% Pb and 2.5 oz Ag/ton	90,000	4,500	225,000
Total	183,000	21,850	1,510,000

2. West Comet mine

Lode composition: Galena (argentiferous) - occasional shoots of silver chloride.

Host rock: Contact slate/serpentinite.

Attitude of lodes: Strike northwest, dip northeast.

Total production: No exact figures available. Reid (1925) reports:

	Ore (tons)	Pb%	Ag (oz/ton)	Fe%	Mn%
Ore with two average grades	500	(70% (10%	(70 (450		
Fe-Mn flux (1903-1909)	60,000	3-6%	3-6	30-40%	11-16%
Total	60,500				

3. Adelaide mine

Lode composition: Galena - sphalerite (minor) - manganese-siderite.

Host rock: Serpentinite and silicified zone.

Attitude of lodes: Strike northwest, dip northeast.

Total production: Blisset (1962), considering also other minor workings of the area (Read, Lead and Anderson):

	Ore (tons)	Lead (tons)	Silver (ozs)	Pb%	Ag (oz/ton)
Galena	3,184	1,591	159,000	50%	50/ton
Flux	5,377	269	26,900	5%	5/ton
Total	8,561	1,860	186,000		

4. Great South Comet mine

Lode composition: Argentiferous galena - sphalerite - siderite - pyrite.

Host rock: Dundas group, mainly siltstone.

Attitude of lodes: Three lodes northwest striking, southwest dipping from 70° to 80°.

Production: No figures about the amount of ore won from the mine. It is known that the bulk of the production came from Adit No. 3. Blisset (1962) reports that "at least" 27,718 oz of Ag, 428 tons of Pb, 618 tons of Zn were produced from the mine.

5. Kosminsky mine

Lode composition: Galena - sphalerite - quartz - siderite.

Host rock: Oonah formation, quartzite and slate.

Attitude of lodes: Strike northwest, dip southwest at about 65°. Only 1 shoot, 100ft long, 1ft 6ins wide was stoped.

Production: Very minor. Old records say that 20 tons of ore, yielding 10 tons of Pb and 480 oz of Ag, were mined.

Blisset (1962) estimates that the total production of the Dundas field was:

Lead (tons)	:	25,050
Zinc (tons)	:	629.5
Silver (ozs)	:	1,815,592

In this figure minor production from other miscellaneous prospects of the area has been included.

EXPLORATION BY GOVERNMENT AGENCIES AND COMPANIES OTHER THAN TEXINS DEVELOPMENT PTY. LTD.

1930: Department of Mines, Tasmania

Three holes were drilled to intersect the West Comet lode beneath the main workings. The holes were from 300ft to 400ft long and apparently only intersected gossanous material. No assay results are available (Ref. Geophoto Minerals Report 1970/41).

1947: Australian Mining and Smelting Co.

This company carried out a study of the Comet-Maestri mine in order to negotiate, if warranted, an option agreement with the holder of mineral lease 75M/46. K. Finucane, a geologist of this company, proposed to test the orebody at depth by diamond drilling. (See K. Finucane (1947) The Comet Maestri mine). No drilling was eventually carried out.

1950: Department of Mines, Tasmania.

B.L. Taylor undertook the evaluation of the Great South Comet mine, operated at that time by Lead and Nickel Co. N.L. The adits were surveyed by theodolite and mapped. A limited underground sampling was carried out.

Taylor estimated "proved reserves" of 60,000 tons of ore, averaging 8% Pb, 7.4% Zn, 8 oz/ton of Ag.

1952: North Broken Hill Pty. Ltd.

This company decided to drill three holes beneath the Comet mine workings, following Finucane's (1947) recommendations. Two were abandoned due to casing problems and one is known to have reached the target at 675ft down the hole but no further information about the mineralization encountered is available.

1958-1959: Rio Tinto Australian Exploration Pty. Ltd.

1. An aeromagnetic survey was carried out over the Heemskirk-Zeehan-Dundas area. A plan at a scale of 1 mile = 1 inch is available.

2. A study of the area of the Comet and South Comet mines was undertaken. A preliminary geologic map at a scale of 400ft = 1 inch was prepared by D. McKenna, and the production records of the Comet, Kosminsky and South Comet mines were reviewed.

The underground examination of the South Comet mine was undertaken by I.S. Gregory of E.Z. Co. A'asia after an agreement between the two companies. The adits were mapped at a scale of 100ft = 1 inch, and 22 samples were collected from Adit 1 and Adit 3.

Gregory's conclusions strongly differ from Taylor's (1950). He pointed out that the only lens with economic sulphide mineralization was lens L13N (Geophoto's No. 5) for which he estimated a maximum tonnage of 7,000 tons averaging Pb 8.6%, Zn 19.1%, Cu 0.09%, 5.7 oz/ton of Ag.

1962: Department of Mines, Tasmania

Following recommendations from surface geology by McLeod (1962), three holes were drilled in the North Comet area, near the tramline siding, beneath the Comet gossan. Recovery was very poor. No mineralization of significance was intersected (see Geophoto Minerals Report 1969/30). Location of holes has been reported on Geophoto's Drg. 1/213, North Comet grid geology. The holes are MC. DDH-1,2 and 3.

1964: South Broken Hill

An I.P. survey was carried out over 12 lines of a grid laid out in the area covered by E.L.5/23 (Geophoto's North Comet -- see Drg. 1/213). Some anomalies were recorded and one hole drilled to test the I.P. anomaly on line 00. The hole, BHS DDH-1, was unsuccessful, and the anomaly was attributed to the response of graphitic slate with disseminated pyrite.

EXPLORATION BY TEXINS DEVELOPMENT PTY. LTD.

1. Historical Background

The reasons for selection of the E.L.7/68 area by Texins Development Pty. Ltd. are explained in Geophoto Minerals Reports 1969/29 and 1969/30. They can be summarised as follow:

a. Prior knowledge of the area by the senior geologist in charge, at that time, of the exploration programme.

b. Published records of high silver content in some of the lodes mined in the early times of the field.

c. Considerable width of some untested gossan outcrops.

d. Absence of deep testing of the lodes.

e. Occurrence of important mineral deposits north and south of the area (Rosebery, Renison Bell, Mt. Lyell).

It was felt, at the beginning of operations, that enough regional data had already been gained by past explorers (refer Geophoto Minerals Report 1969/30), and it was decided to concentrate the field investigations on detailed geology, ground geophysics and geochemistry of the area of known mineralization occurrences in order to develop, if possible, new exploration opportunities.

Gridding, detailed geological mapping, Self Potential and magnetic surveys began in the Adelaide, Comet and West Comet prospects late in 1968. By March of 1969 a company-owned diamond drill started exploratory drilling in the West Comet area and by the end of the year a second drill was brought in to operate in the area of the Kosminsky-South Comet line of mineralization.

Following preliminary results, it was decided in March, 1970 to concentrate investigations on the Kosminsky-South Comet area in order to obtain adequate geologic, geochemical and geophysical coverage for a more accurate rating of selected drilling targets (Geophoto Minerals Report 1969/55). Geophoto Minerals Reports 1970/38 and 1970/38A and B assess the status of the exploration in July, 1970 when 1.25 square miles of the area had been covered and a total of 20 boreholes had been drilled.

Results were considered encouraging. Kosminsky-South Comet prospect was considered a prove-up proposition and recommendations were made for the next phase of the operations. Geophoto Minerals Report 1970/29 was prepared in order to provide an initial economic evaluation on the basis of the results obtained up to that time.

In January, 1971 Texins Development Pty. Ltd. and A.P.M. Minerals Pty. Ltd. negotiated a joint venture agreement for exploration of the E.L.7/68, Dundas, area. A decision was also taken to redirect the main activity away from the Kosminsky-South Comet mineralized zone in order to evaluate other, still untested, prospects within the area. (See: Rationale for the 1971 Diamond Drilling Program, August, 1971). In April, 1971 a VLF-EM survey was undertaken over most of the gridded area and several anomalies were recorded (refer Geophoto Minerals Report 1971/16).

Gridding was extended to the Carbine and Montezuma prospects and geologic, geophysical and geochemical surveys were carried out over the new grids. A third drill was acquired and drilling started in the Kosminsky Hill West and East prospects.

Accommodation problems due to the increased number of personnel, and to the lack of facilities in Zeehan, were resolved by purchasing land in the town with kitchen and toilet facilities and by providing a bunkhouse and two independent married quarters.

In 1972 priorities were again concentrated on the Kosminsky-South Comet prospect. 24 holes were drilled and gridding, mapping and geophysical (VLF-EM) surveys were carried out on the western slopes of Mt. Dundas to investigate continuation of the mineralized zone south of the Adelaide mine creek. A bull-dozer was purchased in September, 1972 for road building and rig shifting purposes. Minor drilling was undertaken in the Carbine and Montezuma prospects after experiencing major problems in constructing access tracks to these areas.

Geophoto Minerals Reports 1972/9, 1972/10, 1972/11 evaluated the results obtained during the years 1971 and 1972. Several recommendations were made in Geophoto Minerals Report 1972/11 for the next phase of operations in the area. The more important were: 1) to exercise the option on leases 1M/69 and 2M/69 and 2) to undertake a proving-up programme of exploration reserves in the area of the South Comet mine. In December, 1972 Texins Development Pty. Ltd. decided to reappraise all the data relative to the Kosminsky-South Comet area in order to determine if the working concept was still valid and to obtain a guideline for the next exploration expenditures.

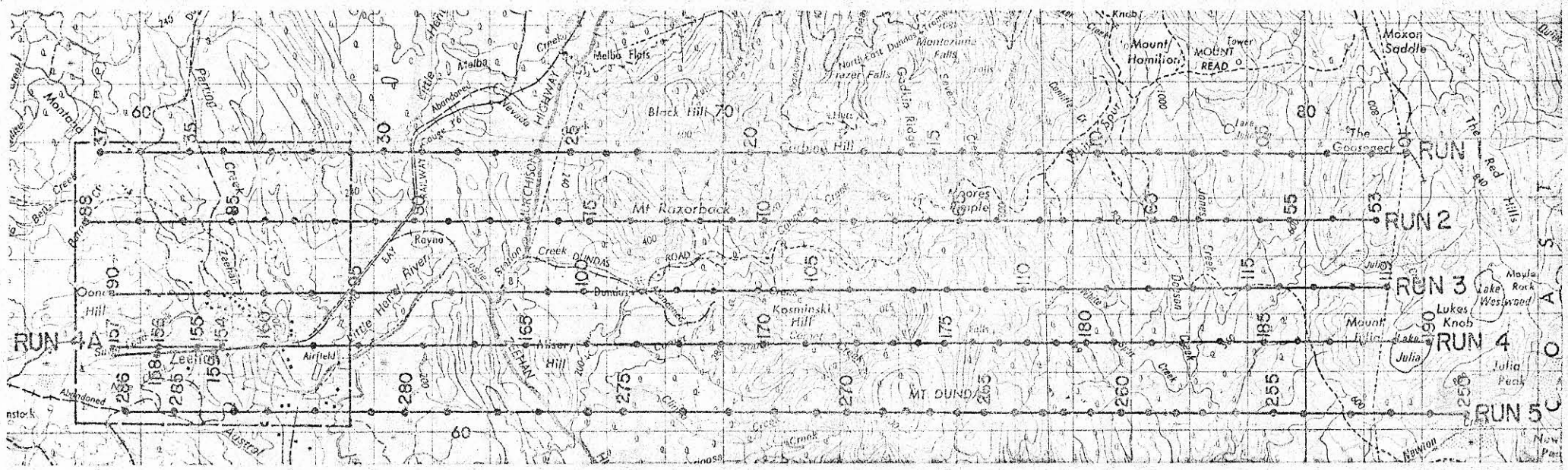
The assessment was carried out in January-February, 1973 and the conclusions were that the results obtained up to that date suggested the occurrence of a sub-economic type mineralization which did not warrant further expenditures with the objective of proving up reserves.

Compared to previous years, only minor field operations were carried out in Dundas in 1973, the main activity being concentrated on the McIntyre, Amber Creek and Heemskirk areas.

In January, 1973 a geological and geochemical reconnaissance was undertaken east of Mt. Dundas. Almost at the same time an airborne Turair survey was flown over the central and eastern sections of the area. Drilling was completed in Montezuma and additional soil sampling carried out.

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RUN	FILM Nº	FRAMES	DATE	HEIGHT	SCALE	FOCAL LENGTH
1	AAM 682	01- 37	2·11·71	9300'asl	1:11000	210·07 mm
2	"	53- 88	"	"	"	"
3	"	90-119	"	"	"	"
4	"	138-190	"	"	"	"
4A	"	154-157	"	"	"	"
5	"	280-286	"	"	"	"

Flown by TAS. LAND DEPT.

5 cm

KEY DIAGRAM OF AERIAL PHOTOGRAPHY

DRG. Nº 8378

Fig. 3

A final decision, regarding the testing by diamond drilling of the most southerly section of the Kosminsky-South Comet mineralized zone, was adjourned, pending results of the exploration in the North McIntyre area (See also: "1973 Plan for field work", 28th March, 1973).

2. Regional Exploration

a. Photogeology (1969)

Vertical aerial photographs (Pieman, Run 9, Scale 1:35,640, Year 1956) were obtained from the Lands Department, Hobart, and the photo-interpretation of the area was carried out late in 1969. The final product is a photogeologic map at a scale of 1:25,000 (refer to Geophoto Minerals Report 1969/3).

b. Photographic coverage of the Dundas section of E.L.7/68 (1971)

Aerial photography of the Dundas area (17 square miles) was flown for Texins Development by the Tasmanian Lands Department in November, 1971. Two sets of prints (colour and black-and-white) were obtained from a Kodak MS2448 colour film type processed to negative image. For more technical details, refer to key diagram on Figure 3.

c. V.L.F.-E.M. Survey (1971-1972)

After an orientation survey had been carried out by the Bureau of Mineral Resources over selected lines of the Comet-Kosminsky grid, Texins Development decided to experiment with the V.L.F.-E.M. method over the gridded section of the Central Dundas area. A survey was carried out in February-March, 1971 using Ronka EM-16 equipment. The results were considered encouraging (see Geophoto Minerals Report 1971/16), and the V.L.F.-E.M. was

afterwards run, as a routine technique, over the Carbine, Montezuma, Mariposa and Mt. Dundas grids also (refer to Map B377).

d. Tectonic Analysis (1972)

This study was carried out in the Denver office of Geophoto Services Ltd. as a complement to the photogeology of the Dundas area, using the new set of aerial photographs. Results are summarised in the Appendix, Item I (Memorandum 27th March, 1972, G. Thomas). Refer also to Map 1/327.

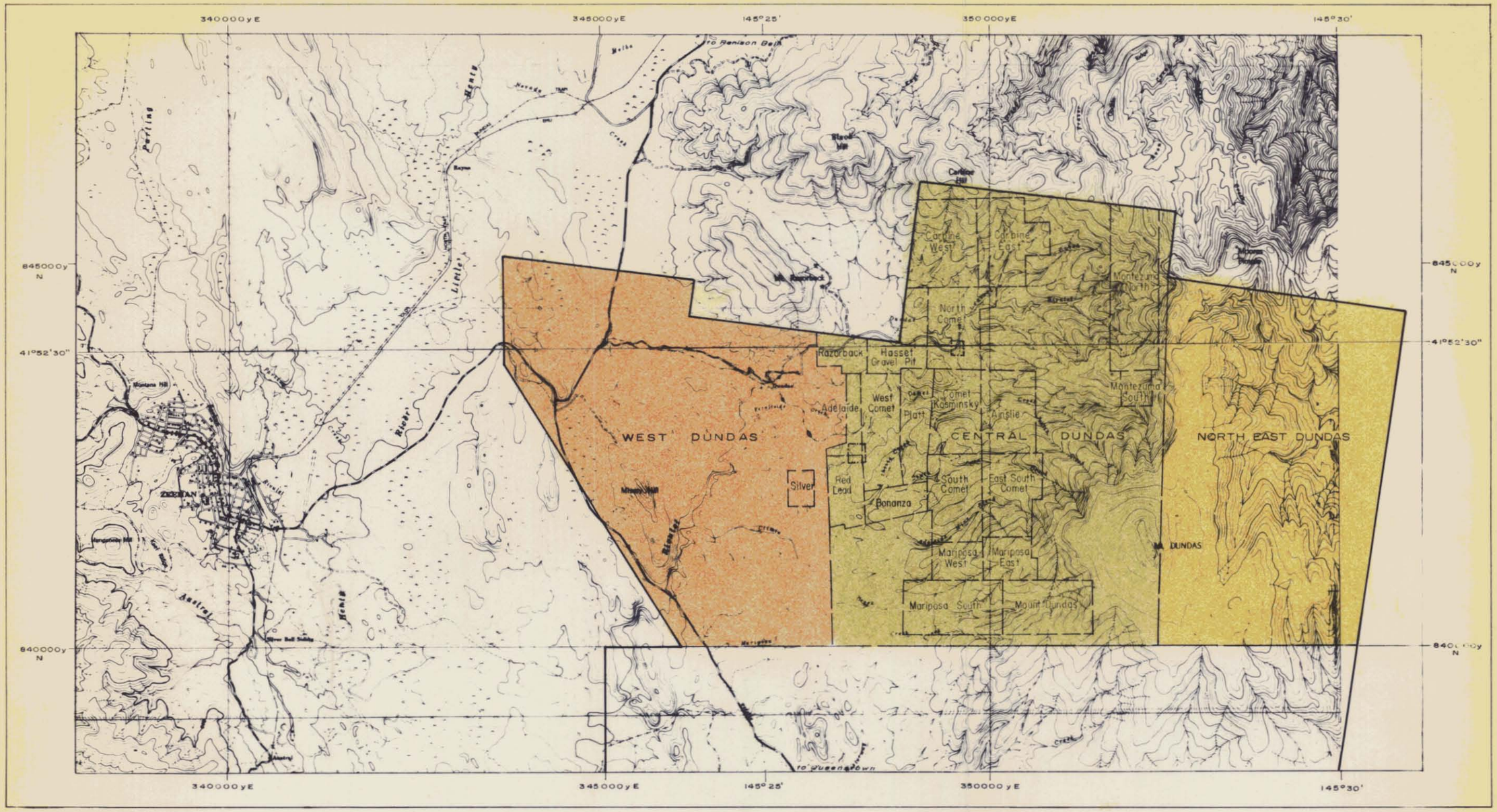
e. Photogrammetric Mapping Survey (1972-1973)

Following recommendation 5 of Geophoto Minerals Report 1972/11, a photogrammetric map of the Dundas area was prepared by Australian Aerial Mapping Pty. Ltd. A field survey was undertaken in November, 1972 with the purpose of establishing field control stations in locations suitable for photogrammetric aerial triangulation. The final map, consisting of 7 sheets at a scale of 1:5,000 and with a contour interval of 5 meters, was released in April (Refer to A.A.M. Pty. Ltd. report, June, 1973).

f. Turair Airborne Survey (1973)

Following recommendations of Geophoto Minerals Report 1972/11, Turair airborne electromagnetic and magnetic surveys were carried out by Scintrex Pty. Ltd., between the 28th of January and 5th February, 1973 over the Amber Creek and McIntyre areas and the central and eastern sections of the Dundas area. The results are discussed in Scintrex Report T/1032, May, 1973 where the East Dundas area is referred to as the "Dundas area", and the Central Dundas area as the "Dundas extensions". The geologic environment of the anomalies was discussed in Progress Report 73/5 (Geophoto) which has been included in the Appendix of this report (Item II).

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LEGEND

Boundary of EL 7/68

Boundary of Mineral Lease held by others

Outline of gridded area

Base map compiled from Tasmanian topographical sheets Zeehan B & D.

5 cm

Scale: 1 : 50,000

4000 0 4000 8000 12000 16000 Feet

2000 0 2000 4000 Metres

EXPLORATION STATUS OF DUNDAS DISTRICT

Nº 373 Drawing No. B373

Fig.2

3. Detailed Exploration

For descriptive purposes the area has been divided into the following sections (see Figure 2).

- West Dundas, comprising the "Silver grid".

- Central Dundas, comprising the North Comet, Comet-Kosminsky, South Comet, Hasset-Gravel Pit, West Comet, Platt, Red Lead, Bonanza, Ainslie, East South Comet, Razorback, Mariposa, Mt. Dundas, Carbine and Montezuma grids.

- East Dundas, where only access lines were cut.

The following is a summary of the activity undertaken in each prospect of the area. The names of the prospects are after those of known mineral occurrences or old working areas. Reference is to be made to Figs. 2 and 3, Drgs. B376 and B377 and to Geophoto Minerals Reports as listed for each work unit.

a. West Dundas Area

The area was covered by reconnaissance geology and selective rock geochemistry in 1971. Minor follow-up work was carried out in the "Silver grid".

References: The information collected in the field was never collated in a report.

Targets: Northeast trending galena-sphalerite veins associated with the eastern limb of the northwest trending Zeehan syncline.

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CENTRAL DUNDAS

NORTH COMET

Pb, Zn, Ag, Sn

Grid : complete
Geol : 1"= 100'
Geoc : selective over sulphide outcrop, mine dumps & gossan zones.
Geop : mag., S.P., I.P., V.L.F.
Drill : 2 d.d.h.

COMET - KOSMINSKY

Pb, Zn, Ag, Cd

Grid : complete
Geol : 1"= 100'
Geoc : selective over sulphide outcrop, mine dumps & gossan zones
Geop : mag., S.P., R.E.M., V.L.F, I.P - 1 line.
Drill : 35 d.d.h.

SOUTH COMET

Pb, Zn, Ag, Cd

Grid : complete
Geol : 1"= 100' underground mapping - 3 adits
Geoc : selective over sulphide outcrop, mine dumps, gossan zones.
Geop : V.L.F., S.P. part only, mag. part only.
Drill : 16 d.d.h.

HASSET GRAVEL PIT

Pb, Zn, Sn, Ni, Cu, Cr

Grid : complete
Geol : 1"= 100'
Geoc : random samples of lateritic cover, gossan zones & trench tailings.
Geop : mag., S.P, V.L.F, I.P, part

WEST COMET

Pb, Zn, Ni, Cu, Sn, Ag

Grid : complete
Geol : 1"= 100'
Geoc : selective over sulphide outcrop, mine dumps, gossan zones & serpentinite contacts.
Geop : mag., S.P. part, V.L.F, I.P, - 1 line.
Drill : 7 d.d.h.

PLATT

Pb, Zn, Ag

Grid : complete
Geol : 1"= 100'
Geoc : selective over sulphide outcrop, mine dumps, gossan zones & V.L.F. anomalies.
Geop : mag., S.P. over east part V.L.F.
Drill : 5 d.d.h.

RED LEAD

Pb, Zn, Ag

Grid : complete to 54 S
Geol : 1"= 100'
Geoc : selective over sulphide outcrop, mine dumps & gossan zones.
Geop : mag., S.P., V.L.F.

BONANZA

Pb, Zn, Ag

Grid : complete to 54 S
Geol : 1"= 100'
Geoc : selective over sulphide outcrop, mine dumps & gossan zones.
Geop : mag., S.P., V.L.F.
Drill : 3 d.d.h.

AINSLIE

Pb, Zn, Ag

Grid : complete
Geol : 1"= 100'
Geoc : selective over sulphide outcrop, mine dumps, gossan zones, detailed geochemistry, soil traverses over Fe, Mn gossans and various V.L.F. anomalies.
Geop : V.L.F.
Drill : 1 d.d.h.

EAST SOUTH COMET

Pb, Zn, Ag

Grid : complete
Geol : 1"= 100'
Geoc : selective over sulphide outcrop, mine dumps, gossan zones.
Geop : V.L.F.
Drill : 2 d.d.h.

RAZORBACK

Pb, Zn, Ag

Grid : E part complete
Geol : 1"= 100' E. part
Geoc : selective over sulphide outcrop, mine dumps, gossan zones.
Geop : mag., S.P. - E.part, V.L.F.

CARBINE WEST

Pb, Zn, Cu, Ag

Grid : complete at 200' interval
Geol : 1"= 100'
Geoc : soil sampling
Geop : V.L.F., mag.
Drill : 2 d.d.h.

CARBINE EAST

Pb, Zn, Cu, Ag

Grid : complete at 200' interval
Geol : 1"= 100'
Geoc : soil sampling
Geop : V.L.F., mag.,

MONTEZUMA NORTH

Cu, Pb, Zn, Ag, Sb, Sn.

Grid : complete at 200' interval
Geol : 1"= 100'
Geoc : selective over sulphide outcrop, mine dumps, gossan zones, soil & rock surveys
Geop : V.L.F
Drill : 6 d.d.h.

MARIPOSA WEST

Pb, Zn, Ag

Grid : complete at 200' interval
Geol : 1"= 100'

MARIPOSA EAST

Pb, Zn, Ag

Grid : complete
Geol : 1"= 100'
Geop : V.L.F.

MARIPOSA SOUTH

Pb, Zn, Ag

Grid : reconnaissance
Geol : reconnaissance

MOUNT DUNDAS

Pb, Zn, Ag

Grid : complete at 400m interval
Geol : 1:1000
Geop : V.L.F.

NORTH EAST DUNDAS

NORTH EAST DUNDAS

Pb, Zn, Ag

Geol : reconnaissance 1:10 000
Geoc : stream sediment, rock sampling.

WEST DUNDAS

WEST DUNDAS

Pb, Zn, Ag

Geol : reconnaissance 1"=500'
Geoc : selective over sulphide outcrop, mine dumps & gossan zones

SILVER

Pb, Zn, Ag

Grid : complete
Geoc : selective over sulphide outcrop, mine dumps & gossan zones & soil survey.

EXPLORATION STATUS OF DUNDAS DISTRICT

Fig. 2a

Exploration methods:

- Geology

The field data were originally plotted on a 1" = 500' base map and subsequently incorporated in the 1:12,500 geologic map of the Dundas area (see Map B376).

- Geochemistry

Rock sampling: 60 samples were collected, mainly from gossanous outcrops and dumps of the "Great Nevada" and "West Adelaide S.M. Co." old workings (see Map B382). High Ag values were recorded from gossan samples collected from the dumps of the West Adelaide prospect, e.g., WA-6, 43 oz Ag, 2.15% Cu; WA-7, 96oz Ag, 0.7% Cu; AD-7, 18.4 oz Ag, 0.79% Cu; AD-5, 20.8 oz Ag, 0.73% Cu. The sample locations are shown on Map B383. The assay results are tabulated in Lab. Sheets 831/2, 834/1, 862/2. The old workings were developed only within the oxidized zone.

Follow-up work - Soil sampling: In January, 1972, to further investigate the high Ag content of samples collected in the West Adelaide prospect, a 4,020 line ft grid (called "Silver grid") was laid out in the area. 153 soil samples were taken by hand auger, at 25ft intervals over the east-west lines of the grid, and analysed for Pb, Zn, Ag. The results are tabulated in Lab. Sheets 933/1-11. The Pb and Ag content values have been contoured on Maps B385 and B384.

An anomalous trend, roughly coinciding with the northeast trending shear zone of Map B383 has been outlined. Some Ag values from the soil samples are far above the normal background recorded in the Dundas area, e.g. sample 1.0N+1.0E = 20 ppm, sample 1.5N+2.75E = 23 ppm, 2.5N+2.5E = 67 ppm, 2.5N+3.75E = 80 ppm, but some contamination is to be expected from the old workings of the area.

Argentiferous galena can, in part, be the source of the anomalous Ag values, but the occurrence of silver chlorides has also been inferred.

b. Central Dundas area

The main prospects in this area are

(1) West Comet prospect

Refer to Geophoto Minerals Reports 1969/29, 1970/41, 1970/72, 1970/76, 1970/80, 1970/81, 1972/9, 1972/10 and Rationale for 1971 Diamond Drilling Programme.

Targets: West Comet (Pb, Zn) lodes and Ni, Cr mineralisation within the serpentinite bodies.

Exploration methods:

- Gridding

The following grids were laid out in the area:

Hasset-Gravel Pit	17,000 line feet
Razorback	11,400 line feet
West Comet	32,200 line feet
Platt	18,200 line feet
Bonanza	39,500 line feet

- Geology

Detailed, at a scale of 1 inch = 100 feet over the gridded area.

- Geochemistry

Soil and rock sampling was carried out over selected lines of each grid.

Hasset-Gravel Pit: 728 soil samples collected and analysed for Cu, Ni, Co, Pb, Zn, Ag, Cr. 443 samples also analysed for Pt. The results are recorded in Lab. Sheets 702/1-5, 637/2-7, 546/1-6, 431/1-2, 410/1-2 and 391/1-7.

Razorback: 309 samples collected over lines 6N, 8N, 10N and 12N and analysed for Cu, Ni, Pb, Zn and Ag. Results are in Lab. Sheets 791/1-5, 684/1-4.

West Comet: 317 rock and soil samples were collected along a traverse line starting at 6E+13.5S and ending at 10W+8.00S. They were analysed for Cu, Ni, Co, Pb, Zn, Ag, Cr and some also for Pt, Sn and As. The results are shown in Lab. Sheets 622/1-3, 482/1-7, 451/1-4. Rock samples have prefix "R" and soil samples prefix "S".

150 soil and rock samples were collected along a traverse line starting at 2E+20S and ending at 10W+13.4S. The results are shown in Lab. Sheets 451/4-7.

50 soil and rock samples were collected along Broken Hill line 28S and 170 samples along Broken Hill line 00. Results are shown in Lab. Sheets 323/1-2, 316/1-2, 315/1 and 307/1-2.

230 soil samples were collected along lines 4N, 8N, and 10N, eastwards, and analysed for Cu, Ni, Co, Pb, Zn, Ag. Cr. Results are shown in Lab. Sheets 391/1-7.

Platt: 192 soil samples were collected along lines 2S and 4S. They were analysed for Ni, Pb, Zn, Ag, Cr, Sn. Results are shown in Lab. Sheets 817/1-5.

Bonanza: 400 rock and soil samples were collected along traverses KHW-4S and KHW-4N. The results are shown in Lab. Sheets 374/1-10.

- Geophysics

Self Potential and Magnetic Surveys

A Self Potential survey was run in 1970 over the West Comet, Platt, Hasset-Gravel Pit, Razorback, Bonanza grids. The results are discussed in Geophoto Minerals Reports 1970/41 and 1970/72. A magnetic survey, using a Scintrex Model MF-1 fluxgate magnetometer was carried out over the West Comet grid (see Maps B379, B380).

V.L.F.-E.M. Survey

A V.L.F.-E.M. survey was carried out in April, 1971. First derivative contour maps and profiles appear in Geophoto Minerals Report 1971/16 -(V), C, D, E, F, K.

- Drilling

A total of 89 boreholes (WC and P series) was drilled in the prospect area for a cumulative footage of 4,806ft. The results are discussed in Geophoto Minerals Report 1972/9.

- Bulldozing

Vehicular tracks, for a total length of 2,460ft, were made, mostly in the southern part of the Platt grid.

(2) Comet prospect

Refer to Geophoto Minerals Reports 1969/30, 1969/55 and 55a, 1970/38, 1970/41, 1970/71, 1972/9, 1972/10 and Rationale for 1971 Diamond Drilling.

Targets: Comet Lodes, V.L.F. Anomaly No. 2

Exploration Methods:

- Gridding

North Comet grid: 20,000 line feet (partly cut by South Broken Hill Pty. Ltd.)

Comet-Kosminsky grid (Comet section): 12,800 line feet

- Geology

Detailed at a scale of 1" = 100 feet

- Geochemistry

Selective. Minor soil sampling was carried out because of the contamination from old workings.

North Comet: 66 rock samples were collected from dumps and outcrops and analysed for Cu, Ni, Co, Pb, Zn, Ag, Cr and Sn. Locations are plotted on the geologic map. Results are shown in Lab. Sheets 204/1 and 146/1.

Comet-Kosminsky: About 100 rock samples were collected from dumps and outcrops and analysed for Cu, Ni, Co, Pb, Zn, Ag, Sn, Mn. The location of some of them is shown on Map 1/203. For those collected in the early reconnaissance survey the location is not available. Results are shown in Lab. Sheets 76/1, 79/1, 80/1, 85/1, 99/1, 135/5 and 423/3.

- Geophysics

Self Potential and Magnetic Surveys

Carried out over both grids. Self Potential contours map of the Comet-Kosminsky gris appears in Geophoto Minerals Report

1970/71. The S.P. contours map of the North Comet grid and the magnetic contours map of both grids are attached to this report (see Maps B379, B380). The S.P. contours map of North Comet also shows the location of the I.P. anomalies recorded in the South Broken Hill survey.

V.L.F.-E.M. Survey

Carried out over both grids. Results are discussed in Geophoto Minerals Report 1971/16 - (V), B, G.

- Drilling

Four holes were drilled in the area (NC and C series) for a cumulative footage of 2,848ft. The results are discussed in Geophoto Minerals Report 1972/9.

(3) The Kosminsky-South Comet prospect

Refer to Geophoto Minerals Reports 1969/10, 1969/30, 1969/31, 1969/53, 1969/55, 1969/55a, 1969/58, 1969/59, 1969/60, 1969/61, 1969/62, 1969/63, 1969/64, 1970/18, 1970/27a, 1979/27b, 1970/29, 1970/38a, 1970/38b, 1970/41, 1970/96, 1971/16, 1972/9, 1972/10, 1972/11, 1973/3, and Status report March, 1973 (Series I), 1973 Plan for field work.

Target: Kosminsky-South Comet zone of mineralization.

Exploration Methods:

- Gridding

Comet-Kosminsky grid (Kosminsky section): 44,000 line feet
South Comet grid: 36,700 line feet
East South Comet grid: 33,000 line feet

Mariposa (East-West-South) grid: 42,000 line feet
Mt. Dundas grid: 21,800 feet

- Geology

Detailed, at a scale of 1" = 100'. Geologic maps of East-South Comet, Mariposa and Mt. Dundas grids are attached to this report (see Maps 1.314, 1.340, 1.355).

- Geochemistry

Comet-Kosminsky: 190 soil samples were collected along line 20S and analysed for Cu, Ni, Pb, Co, Zn, Ag, Sb.

196 soil samples were collected along line 26S and analysed for Cu, Ni, Co, Pb, Zn, Ag and Sb.

80 rock samples were collected from outcrops and mine dumps. Results of the analyses are in Lab. Sheets 182/1, 51/1-3, 80/1, 85/1, 76/1 and 931/1-2.

South Comet: About 200 rock samples were collected from outcrops and dumps. Results of the analyses are in Lab. Sheets 182/1, 220/1-3 and 239/1.

36 soil samples were collected along a traverse starting from the collar of D.D.H. S.C.2 and with the same azimuth as the borehole. They were analysed for Cu, Ni, Co, Pb, Zn, Ag, Cr and Sn. Results are shown on Lab. Sheets 423/2.

100 soil samples were collected, in October, 1972, from Lines 34S, 36S, 38S, 40S, 42S, 44S, 46S, 48S 50S and 52S in preparation for the mercury sniffer survey, and analysed for Zn and Ag. Results are shown on Lab. Sheets 1147/1-3.

- Geophysics

Self Potential and Magnetic Surveys

Both carried out only over the Comet-Kosminsky and South Comet grids. The results are discussed in Geophoto Minerals Report 1970/96 (see also Maps B379, B380).

R.E.M. Survey

A test R.E.M. survey was carried out over the Comet-Kosminsky and South Comet grids. Problems encountered in undertaking the survey are dealt with in Geophoto Minerals Reports 1970/96 and 1971/16.

V.L.F.-E.M. Survey

First derivative contour maps, profiles and interpretation of anomalies for the Comet-Kosminsky, South Comet and part of the East South Comet grids are in Geophoto Minerals Report 1971/16.

The method was also used in the Mariposa East grid, Mt. Dundas grid and in the untested southern part of the East South Comet grid. First derivative contour maps of these grids are attached to this report (see Maps 1.352, 1.351, 1.358).
The Mt. Dundas grid was not completely covered because of problems arising in reception of the North West Cape transmitter signal.

Induced Polarization Survey

An I.P. survey was carried out over line 26S of the Comet-Kosminsky grid by Austral Exploration Services Pty. Ltd. on behalf of Texins Development Pty. Ltd. in November, 1969. The results are discussed in Geophoto Minerals Report 1969/53.

- Miscellaneous

Simon Gatehouse, graduate student at the University of Tasmania, carried out in January-February, 1973 a geochemistry survey over selected areas of Kosminsky-South Comet zone of mineralization. His survey included:

- A traverse line 500ft long, starting at the S.C.-10 collar, with a northeasterly trend. Five pits were dug at 100ft intervals and fill-in auger sampling was carried out every 25ft.

- A traverse line, 2,400ft long, starting at the K.H.-7 collar with a northeasterly trend. Twelve pits were dug at 200ft spacing and fill-in auger sampling was carried out every 50ft.

All these samples (246) were analysed at the Geophoto Resources Laboratory for Cu, Pb, Zn, Ag, Fe and Mn. Results are tabulated in Lab. Sheets 1284/1-8, 1252/1. Also refer to thesis by S. Gatehouse.

- Underground sampling of the Great South Comet mine, Adit No.1

In May-June, 1972 sampling of Lode No. 3 of the Great South Comet mine was undertaken with the purpose of getting more information about strike-length, width and grade of the lenses which form the lode. Channels, 1ft wide and about 1 inch deep, were chipped by jack-hammer across the back of the adit, where possible every 5ft. Each channel was divided into sections, from 0.5ft to 2 ft long, and each section was sampled separately.

342 samples were collected from the 109 channels and analysed for Pb and Zn as a routine, and for Ag and Cd where Pb or Zn was more than 1%.

Results are tabulated on Lab. Sheets 1043/3-5, 1047/1-4, 1053/1-3 and 1056/1-3. (For maps see Geophoto Minerals Report 1974/8).

A discussion of results appears in Geophoto Minerals Reports 1972/10 and 1972/11.

In February-March, 1973 the East Crosscut No. 1 of the adit was chip sampled to investigate mineralization and character of Lodes No. 1 and No. 2. 25 samples were collected and analysed for Pb, Zn and Ag. Assay values, location and discussion of results appear in Geophoto Minerals Report 1973/3.

- Mercury Sniffer Survey

A mercury vapour soil gas test survey was conducted by Scintrex Pty. Ltd., on behalf of Texins Development Pty. Ltd., in January, 1973, following recommendation 6 of Geophoto Minerals Report 1972/11. The traverses were carried out in the East South Comet grid, along lines 40S, 44S and 50S, to assess the response of the method in an area of known mineralization.

Only minor indications of anomalous Hg content were recorded and no follow-up work was carried out (see Scintrex Report Tas.- 013).

- Induced Polarization and Resistivity Downhole Surveys

After preliminary conductivity and susceptibility tests carried out on 152 core samples from the North Comet and South Comet areas (see Scintrex Report Tas.-007), I.P. and resistivity logs were carried out downhole S.C.-14 and S.C.-15, with the objective of testing the response of the mineralization and host rocks. Interpretation of the results obtained appears in Scintrex Report Tas.-011.

- Bulldozing

About 5,000ft of access tracks were dozed, mostly on the South Comet Hill.

- Drilling

Altogether, 47 holes were diamond drilled in the prospect area (K.H. and S.C. series) for a cumulative footage of 29,918ft.

Data and interpretation of the results for the holes drilled up to September, 1972 appear in Geophoto Minerals Report 1972/9. Those for holes drilled from October, 1972 to March, 1973 (S.C.-12, -13, -14, -15, -16, -17, -18, -19, -21 and K.H.-19, -20, -21, -22, -23) appear in Geophoto Minerals Report
Hole S.C.-20, planned to be collared south of S.C.-18, was never drilled.

(4) The Kosminsky Hill West Prospect

Refer to Geophoto Minerals Reports 1970/41, 1970/76, 1972/9 and 1972/10.

Target: Northwest trending mineralized zone (Pb, Zn) situated at about 1,000 feet west of the Kosminsky-South Comet, and now inferred to be the offset south branch of the West Comet mineralized trend (see Map B376).

This prospect overlaps part of the West Comet and Platt grids and reference is made to section Exploration by Texins Development Pty. Ltd., 1. Historical Background, for data regarding geologic, geochemical and geophysical investigations carried out in the area.

- Drilling

Eight holes were drilled in the prospect area (KHW series) for a cumulative footage of 6,087ft. Results are discussed in Geophoto Minerals Report 1972/9.

(5) The Kosminsky Hill East and Ainslie Prospects

Refer to Geophoto Minerals Reports 1970/41, 1971/16, 1971/25, and Rationale for 1971 Diamond Drilling Programme.

Target: Several mineralized trends (Pb, Zn), east of the Kosminsky-South Comet zone (see Map B376). Some of them are inferred to be the offset southerly extension of the Comet zone.

The Kosminsky Hill East prospect overlaps part of the Comet-Kosminsky grid area, already dealt with.

The following is a summary of activity undertaken on the Ainslie grid.

- Gridding

  Ainslie grid: 79,290ft

- Geology

  Detailed at a scale of 1 inch = 1 foot ? 100 ?

- Geochemistry

615 soil samples were taken over lines 2S, 4S, 6S, 12S, 14S, 16S, 22S, 24S and 28S. They were analysed for Cu, Pb, Zn, Ag and Ni and the results are shown on Lab. Sheets 818/1-17 and 776/1-5.

40 gossan samples were collected and analysed for Cu, Ni, Co, Pb, Zn, Ag, Mo and Cd. Some were tested also for Sb. Results are shown on Lab. Sheets 696/2-3.

- Geophysics

A V.L.F.-E.M. survey was carried out over the lines of the Ainslie grid (refer Geophoto Minerals Report 1971/16 (V), (I).

- Drilling

A total of eight holes (KHE and A series) with a cumulative footage of 5,228ft was drilled in the prospects area. Results are discussed in Geophoto Minerals Report 1972/9.

- Bulldozing

Vehicular tracks, with a cumulative length of 6,134ft were dozed to the K.H.E. and A. diamond drill hole sites.

(6) The Adelaide Prospect

Refer to Geophoto Minerals Report 1970/73 and 1972/22.

Target: North-north-west trending mineralization exposed in the Adelaide mine Adit No. 1 (three lodes) and expressed on the surface by jasper-limonite gossans.

- Gridding

Adelaide grid: 28,700 ft
Red Lead grid: 38,300 ft

- Geology

Preliminary mapping in 1970. Review in 1972. Final map in Geophoto Minerals Report 1972/22.

- Geochemistry

126 rock samples collected in the area of the Red Lead grid and analysed for Cu, Ni, Co, Pb, Zn, Ag. The results are shown in Lab. Sheets 166/1, 197/1-2, 433/13-14 and 718/1-3.

- Geophysics

Self Potential and Magnetic Surveys

Carried out over both grids. Results are discussed in Geophoto Minerals Report 1970/73 (see Maps B379, B380).

V.L.F.-E.M. Survey

A V.L.F.-E.M. survey was carried out over both grids in 1971 (see Geophoto Minerals Report 1971/16). In November, 1972 the V.L.F.-E.M. survey was extended to new lines in the north part of the Adelaide grid. The final map of the Adelaide grid appears in Geophoto Minerals Report 1972/22.

(7) Carbine Prospect

Refer to Geophoto Minerals Report 1971/23, 1972/9 and 1972/10

Target: Several (Pb, Zn) mineralized trends both in the west and east part of the area.

Exploration methods:

- Gridding

Carbine West and East grids: 115,000 ft

The grid lines were originally laid out at 400ft intervals. Following recommendations of Geophoto Minerals Report 1971/23, new lines were cut to reduce the spacing to 200ft.

- Geology

Detailed at 1 inch = 100ft over the entire grid.

- Geochemistry

Orientation soil survey: 48 soil samples were collected and their -80, +20 and -80 → +20 fractions analysed for Cu, Ni, Co, Pb, Zn and Ag. The pH of the samples was also measured. Results are shown in Lab. Sheets 797/1-11.

Soil survey over the entire grid: 1,816 samples were collected and analysed for Cu, Ni, Co, Pb, Zn, Ag. Results are shown in Lab. Sheets 873/1-3, 874/1-2, 875/1-5, 882/1-5, 885/1-4, 888/1-5, 891/1-3, 895/1-6, 914/1-11, 918/1-5, 929/1-13. Anomalously high metal contents (Pb, Zn) were contoured in the west section of the grid (see Maps 1/357 and 1/358 attached to this report).

71 rock samples, from outcrops and dumps, were collected and analysed for Cu, Pb, Zn, Ag, No and Co. Results are shown in Lab. Sheets 718/4 and 879/1.

- Geophysics

Magnetic Survey

Carried out over the 400ft spaced lines of the preliminary grid (see Geophoto Minerals Report 1971/23).

V.L.F.-E.M. Survey

Carried out over the 200ft spaced lines of the final grid. Some anomalous indications were recorded both in the East and West sections of the grid (see Maps 1/303 and 1/304)

- Drilling

In March, 1972 it was decided to test by diamond drilling the V.L.F.-E.M. anomaly occurring on Line 52N at about 13W and the geochemical anomaly on Line 46N from 13 to 17W. Two boreholes were drilled (C.W.-1 and C.W.-2) for a cumulative footage of 1,011ft. Results, discussed in Geophoto Minerals Report 1972/9, were disappointing.

- Support Work

The old Carbine trail was bulldozed up to Line 52N, to make it negotiable by four-wheel-drive vehicles, over a distance of 4,000 feet.

(8) Montezuma Prospect

Refer to Geophoto Minerals Report 1971/48, Status Report March, 1973 (Series 1), and Progress Reports 73/4 and 73/7.

Target: Galena-sphalerite and jamesonite-pyrite (with minor tetrahedrite-chalcopyrite-cassiterite-galena) veins, probably associated with "splays" of the Montezuma fault.

- Introductory Notes

The main work in the prospect area was carried out between September and December, 1971 and is dealt with in Geophoto Minerals Report 1971/48. Following recommendations of this report, the construction of the Montezuma vehicular track started late in December, 1971. The dozing of this track, across a very rugged and heavily timbered section of the country, was hampered by difficult ground conditions, bad weather, mechanical troubles and by the impossibility of having the bulldozer, rented from an outside contractor, full time on the job. The first section of the track, up

to Montezuma North 1 and MzN 2 diamond drill hole sites, was eventually completed in April, 1972.

In October, 1972 and January, 1973, additional work was carried out to extend the track up to 47.5N+4.5E, in order to complete the drilling programme.

Additional geologic information was gathered from the road's exposures and additional soil and rock sampling were carried out in the northern part of the Montezuma grid in February, June and October, 1973.

Exploration methods:

- Gridding

Montezuma North grid: 51,500 line feet (lines at 200ft intervals)
Montezuma South grid: 14,500 line feet (lines at 400ft intervals)

- Geology

Detailed mapping at 1 inch = 100ft over the Montezuma North grid (see Geophoto Minerals Report 1971/48). Additional mapping was carried out along the final part of the Montezuma track (see Map B381). The Montezuma South grid was never mapped in detail.

- Geochemistry

November, 1971, rock sampling: 23 rock samples were collected from outcrops, old dumps and gossans and analysed for Ni, Co, Cu, Pb, Zn, Sn, Ag and Sb. Results are shown in Lab. Sheets 852/1 and 861/1. A description of the samples is given in Geophoto Minerals Report 1971/48. Some samples were sent for mineralogical examination to McPhar Geophysics Pty. Ltd. Adelaide laboratory (see McPhar Report No. 850).

February, 1972, soil sampling: 281 samples were collected over five selected lines -

Line 28N, from 8.5E to 3W
Line 36N, from 8E to 3W
Line 40N, from 00 to 7W
Line 47.5N, from 00 to 9.5W
Line 51.89N, from 00 to 10W

The samples were taken every 25ft and analysed for Cu, Ni, Co, Pb, Zn and Ag. The results are shown in Lab. Sheets 932/1-11 and are discussed in Geophoto Minerals Report 1971/48.

43 samples were collected along a train across the grid. Results of analyses are shown in Lab. Sheet 934/1. The location can be found on geological map 1/292, sheet 4, in Geophoto Minerals Report 1971/48, referring to the numbered pegs along the trail (L.T.).

January, 1973, rock sampling: 6 rock samples were collected from the dump at Adit No. 6 and from exposures of the jamesonite-pyrite vein uncovered by the bulldozer along the Montezuma road. The samples are -

MzL-1, from the dump at Adit No. 6
MzL-2, from the exposure of the vein at 47.5N + 2.3E + 30ft south
MzL-3, 4, 5 and 6, from the vein exposure at 47.5N + 2.7E + 150 ft south

The samples were analysed for Sb, Cu, Pb and Sn. Results are shown in Lab. Sheets 1255/1-2 and 1268/1.

Some samples in this case also, were sent to the McPhar laboratory for mineralogical examination (see McPhar Report No. 1196).

April, 1973, rock geochemistry traverse: The traverse was undertaken along the track at an angle of 60° to the jamesonite-pyrite vein at 47.5N + 2.7E + 150 ft south.

21 samples were collected and analysed for Ni, Co, Cu, Pb, Zn, Ag, Sb, As and Sn. Results are shown in Lab. Sheets 1319/1-2 and are discussed in Progress Reports 73/4 and 7.

June, 1973, soil sampling survey: In May, 1973 (see Progress Report 73/4) it was decided to extend the soil sampling survey from Line 36N to Line 63N of the Montezuma grid.

346 samples were taken at 50ft intervals, from a depth of 1 - 1.5ft, and analysed for Cu, Ni, Co, Pb, Zn, Ag, Sb, Sn and Ag. Results are discussed in Progress Report 73/7.

October, 1973, soil sampling traverse: A soil geochemical traverse was carried out along the Montezuma road, from peg 7,800ft to peg 8,550ft, with the purpose of checking the northern extension of the Sb/Ag soil anomaly outlined through the June, 1973 soil survey.

22 samples (P1 - P22) were collected at 25ft and 50ft intervals from the bank on the east inside of the track at about 6 inches to 3ft below the topographic surface. Four additional soil samples P23 - P26) were taken across the jamesonite-pyrite vein at about 1.5ft above the vein exposure.

All the samples were analysed for Cu, Pb, Zn, Ag, Sb and Sn and the results are tabulated in Lab. Sheet 1498/1. Map B381). shows sample locations and metals content contours.

Two rock samples were also collected (R1 and R2), and their location is shown on Map B381).

Values obtained from analyses of soil samples P12 (Sb = 120 ppm), P13 (Sb = 330 ppm, Ag = 5 ppm), P14 (Sb = 110 ppm, Ag = 5ppm), P16 (Ag = 5 ppm) better define the northerly extension of the Sb/Ag geochemical anomaly inferred to be the response of a north-westerly mineralized trend, located at about 250ft southwest of the jamesonite-pyrite vein exposure and consisting probably of the same mineral assemblage (see also Progress Report 73/7).

Samples P24 and P25 are only slightly above threshold as far as Pb is concerned and below threshold as far as Sb, Cu, Zn are concerned. Also, their Ag content is very low.

Along the P1 - P22 traverse the local background value for Pb is rather high, but the Zn values drop abruptly after P7 (8,000ft peg), indicating that sphalerite is mainly associated with the mineralized trend expressed on the surface by the wide gossan exposed from the 7,550ft peg to the 7,900ft peg, and tends to disappear eastwards, as recorded also by the geochemical soil survey.

- Geophysics

A geophysical V.L.F.-E.M. survey was carried out in November, 1971 over the 200ft spaced lines of the grid. Readings were taken every 50ft.

Results are discussed in Geophoto Minerals Report 1971/48 and are presented as first derivative contour maps (Drg. 1/306, 4 sheets in the back pocket).

Several anomalies with a pronounced north-westerly trend were recorded in the northern section of the grid.

North-westerly is the common trend of the mineralization in the Dundas district. North-westerly is also the regional trend of bedding in this area, and it is thought, particularly after the June, 1973 soil survey, that the graphitic black slate, with abundant disseminated pyrite which are a common feature of the area, might

be the source of most V.L.F.-E.M. anomalies (see also Progress Report 73/7).

- Drilling

Following recommendations of Geophoto Minerals Report 1971/48 and the construction of the Montezuma track, six diamond drill holes were drilled in the area for a total footage of 3,158 ft.

MzN-1 was drilled to test a large V.L.F. anomaly with peak of +058 at 49.7N + 4.5W.

MzN-2 was drilled to test at depth the large limonite-quartz gossan situated in the north-west section of the area.

The results are discussed in Geophoto Minerals Report 1972/9.

It should be noted that MzN-1 was not drilled from the originally planned location because poor ground conditions prevented the construction of an access to the target area.

MzN-3 was drilled to test a north-north-westerly trending anomaly, the + 20 contour of which extends from 47.5N + 0.3E to 43.87N + 1.6E + 100ft south. Very minor galena mineralization was encountered.

MzN-4, -5, and -6 were drilled from a site at 47.5N + 4.20E + 30 ft south to test V.L.F. Anomaly No. 2 and the mineralization of Adit No. 5 and No. 6 exposed during construction of the track.

Results of these holes are discussed in Progress Report 73/4.

- Bulldozing

Two vehicular tracks were constructed to the northern and southern section of the Montezuma grid, the "Montezuma North track" with a total length of 9,000 feet, and the "Montezuma South track" with a total length of 4,500 feet.

c. East Dundas area

Only 2.6 square miles of this area, the north-east section, were covered, in January-February, 1973, by reconnaissance geologic mapping and geochemical stream sediment survey. Most of the area was also flown by Turair electromagnetic and magnetic surveys during the same period of time.

Refer to Progress Report 73/1, Scintrex Turair Report.

Targets: Inferred southerly extension of the north-north-westerly trending galena, sphalerite veins worked in the old Moores Pimple mine (outside the E.L.7/68 area).

Exploration methods:

- Geology

A reconnaissance mapping was carried out along the creeks of the area. A map, at scale of 1:10,000, was prepared and is attached to Progress Report 73/1.

- Geochemistry

Stream sediment sampling survey: 217 stream sediment samples were collected from the White Spur drainage system. The -80 fraction mesh was analysed for Cu, Pb, Zn, Co, Ni and Ag. Results and interpretation appear in Progress Report 73/1.

Rock sampling survey: 54 rock samples were collected from outcrops along the creeks. Assay results and interpretation appear in Progress Report 73/1.

- Geophysics

Turair airborne electromagnetic and magnetic surveys: 91 km of lines were flown. Only 3 weak anomalies were recorded and none of them was considered worthy of follow-up work as a primary target. See Scintrex Turair Report, (Dundas, page 16 and page 23), and Appendix II of this report.

- Support work: Line cutting

To provide a better access along the creeks of the heavily timbered area, 23,000 line ft of trails were cut along the White Spur creek and its main tributaries.

CONCLUSIONS

Geophoto Minerals Reports 1972/9, 1972/10 and 1972/22 have appraised results obtained in several prospects of E.L.7/68 from which insufficient encouragement was gained to warrant follow-up investigations (Comet, West Comet, Carbine, Kosminsky Hill West and Adelaide prospects).

Only those prospects which have not been dealt with by the above-mentioned Minerals Reports and those in which some follow-up activity was undertaken in 1973, will be considered here.

No recommendations will be made, however, regarding the Kosminsky-South Comet prospect which is being appraised in a separate report still in preparation.

1. West Dundas area

The occurrence of cerargyrite is thought to be the source of the high Ag values obtained from some gossan samples in the Silver grid. Secondary silver minerals were observed, associated with Fe-Mn gossan, in other prospects of the area in the early days of the field. Montgomery (1893) reports, for instance, 48 tons of "gossan cerargyrite" won by the Central Dundas Prospecting Co. in the area of the West Comet mine, which yielded 450 oz. Ag per ton. The gossan outcrops of the Silver grid are, however, reported to be narrow and with little continuity along the strike; very little development was undertaken by the syndicate which originated mining operations, and the possibility of large tonnages of Ag-rich gossan close to the surface are to be discounted. The north-easterly Ag/Pb anomaly suggests that the Silver grid mineralization is probably the southerly extension of minor mineralized trends known to occur in the Red Lead grid area.

2. Central Dundas area

a. Kosminsky Hill East and Ainslie prospects

No follow-up work was carried out in these prospects in 1973. The original interest in this area was based on the occurrence of minor gossanous outcrops, of some mineralized exposures in poorly developed old workings, and on the detection of a few V.L.F.-E.M. anomalies, broadly defining a north-easterly trend parallel to the Kosminsky-South Comet zone of mineralization. However, the outcome of the drilling programme carried out in 1972 and the lack of sound geologic and geophysical evidence suggesting the presence of strongly mineralized trends in the area, do not recommend the undertaking of further investigations.

b. Montezuma prospect

Progress Report 73/7 recommended the further testing by trenching of the Sb/Ag anomaly outlined by soil geochemistry in the area.

This work was not carried out because of bad weather, difficult ground conditions, and problems in obtaining a bulldozer on a full time basis. A soil traverse carried out in October along the Montezuma track helped to better define the northerly extension of the anomaly (refer to section Detailed Exploration, b(8)). Results of Geophoto drilling, old records about production and habit of mineralization in the Evenden, Hecla, Ramsdale mines, located less than 1 mile north-east of the prospect outside the E.L.7/68 area, and recent studies carried out in North Dundas (S.P.L. 20 and 99) by Electrolytic Zinc of A'asia (1951) and Consolidated Goldfields (1967-1970) show that:

- The jamesonite-pyrite veins are narrow and with no continuity along dip and strike.

- Although some high-grade tetrahedrite was extracted from the old mines, it seems to have been patchy and concentrated in very small shoots.

- The occasionally anomalous tin values are due to a cassiterite mineralization of disseminated type, erratically associated with pyrite veinlets in the black slate.

- No evidence supporting the presence of Sn-rich massive pyrite nor pyrrhotite bodies has been encountered.

3. East Dundas area

Geology, geochemistry and airborne geophysics have failed to indicate the occurrence of any mineralization in this area.

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RECOMMENDATIONS

Results obtained in the numerous prospects of the E.L.7/68 area during five years of investigations have not been up to the original expectations which motivated the selection of this area as an exploration target.

Therefore it is recommended that the decision to terminate the work and relinquish the Exploration Licence be taken on 23rd February, 1973, the date to which the Licence is current.

However, with regard to the Montezuma prospect, if it is desired to complete the work on the Sb/Ag anomaly, or if it is felt advisable to further test by deeper holes the Fe-Mn gossan exposed in the north-west part of the area (refer to Geophoto Minerals Report 1971/43) and/or the jamesonite-pyrite vein referred to in Progress Report 73/7, an application for a mineral lease covering the prospect area should be lodged with the Director of Mines prior to relinquishment of the Exploration Licence.

The Mineral Lease to be applied for should be the old 3150/M of 80 acres, shown on Mineral Chart Renison Bell - 2 South issued by the Department of Mines.

Lanfranco Discala
2 February, 1974.

Vol 2 of 6.

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GEOPHOTO MINERALS REPORT 1974/4

SUMMARY REVIEW OF

EXPLORATION IN THE DUNDAS AREA
OF E.L. 7/68, WEST TASMANIA

APPENDICES I THROUGH XI

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APPENDIX I

APPENDIX I

TASMANIAN TECTONIC ANALYSIS

Accompanying this memo report is a foil of the tectonic analysis results to be placed over Geophoto's Dundas District photogeology map. Also included is the paper, Geology and Mineralization of Tasmania by M. Solomon which I agree with for the general tectonics of Tasmania.

The mapped faults of the Dundas District were analyzed for type according to the simple-shear, plate-couple mechanics shown at the top of the foil. According to the published map (Zeehan sheet) the region south-southwest of Dundas all the way to the coast exhibits struct-strat data indicative of major left-lateral, simple-shear, plate-couple on the northwest lineaments. In the Dundas District, however, the tectonics are controlled by the northeast lineaments adjusting right-laterally to the orogenic forces.

This right-lateral adjustment is best illustrated by dragfold 2 which consists of a northern (2N), middle (2M), and southern "toe" (2S).

The gamma angle that this dragfold makes with the North and South Dundas lineaments is conclusive evidence for right-lateral adjustment on this northeast zone. Dragfolds 1 and 3 indicate the same sense of adjustment.

Dragfold 2 may have first been initiated as an incipient dragfold bounded by flank faults. Subsequent orogenic forces (or orogenies) apparently produced dragfold rotation toward the east and a considerable amount of drag on the "toe". This eastward momentum inhibited by the "toe" drag resulted in the cross-fold tension in the "toe" area that appears to have localized subsequent mineralization perhaps in the later stages of the orogeny.

A secondary northeast shear zone further separated dragfold 2 by forming a smaller dragfold (2N) which may have an intrusive at depth judging from the local fault pattern.

During the breakup of the incipient dragfold into three sections and eastward rotation, the western flank faults became right-lateral, simple-shear zones as the dragfold acted as a buttress deflector to subsequent stresses. These mechanics produced secondary tensional effects between the flank faults. This may be the localization factor for the West Comet and Ramsdale mines.

Two other right-lateral dragfolds occur in the Dundas Plate, 1N and 3 which is segmented into 3N, 3M and 3S in similar fashion as dragfold 2. Dragfold 1N is questionable in that the photogeology does not indicate its presence. The fault pattern in the area, however, is indicative of flank faulting suggesting a subtle perhaps subsurface dragfold similar in trend to dragfolds 2S and 2M. There may be a southern dragfold (1S) to 1N in similar fashion to dragfolds 2 and 4 and 3 and 5. This double dragfold relationship across the South Dundas lineament indicates that the master northeast lineament lies to the south of the project area. The east-west faulting in area 1S has been analyzed as primary tension but it is also suggestive to cross-fold tension. The subsequent left-lateral adjustment of these faults created secondary northeast tension which may be the localizing factor for the Black Jacks mine (the position of which is uncertain).

Dragfold 3 is an interesting feature in that it duplicates the mechanics of dragfold 2. Cross-fold tension may be present in the 3S area that resembles a "toe" relationship. Dragfold 3N and 2N also have similar tensional and flank fault features.

Other major dragfolds in the area include 4, 5 and 8. Dragfold 4 does not contain any mine localities but some primary and secondary tensional effects appear to be present. Dragfold 5 does not appear on the photogeology map but the northward converging fault pattern is indicative of a dragfold (same as 2 and 4). In addition, the published Zeehan quad indicates that westward dip is present on the west side of the inferred dragfold. It would appear that the photogeologic east dips along this flank are based on jointing rather than beds. A dragfold-controlled intrusive may be present along dragfold 5 below the surface (similar to 1). Gamma ray would be necessary to support this inference. Dragfold 8 is too near the dge of the map to be analyzed correctly but its trend parallel to the South Dundas lineament indicates greater shear can be expected to the east.

Two smaller dragfolds (6 and 7) appear to be controlled by the left-lateral, northwest lineaments. The folds appear to be superimposed on the larger dragfold 2. The flank faulting associated with these features may be the localizing factor for the Razorback and North Comet mines.

While the analysis presented here does not pinpoint future exploration, it does provide an understanding of the dragfold-intrusive-mineralization sequence in the area. Judging from the mine localities it can further be stated that the analysis indicates that the mineralization in the area has been controlled by tensional conduits developed during the later stages of the orogeny. These conduits include the cross-fold tension (especially in the "toe" area) and the secondary tension produced by flank faults adjusting laterally.

It is recommended that in order to better pinpoint future exploration localities, a stereo fracture study be carried out in areas 2S, 2N, 3S, 6 and 7. Cursory examination of the photos indicates that secondary fracture data are present which can be plotted on the photogeology map and then analyzed within the tectonic framework presented here. This step should better explain the precise tectonic reason for the occurrence of current mines and lead to a finer definition of future exploratory sites. Once such sites are selected, a gamma ray survey could quickly determine the best sites of the lot for field studies. Now that we better understand the mechanics of simple-shear, plate coupling I believe that every mineral prospect should be analyzed tectonically first, followed by local fracture studies and detailed, local gamma ray. This sequential series of steps should save much time and cost in providing exploratory sites.

GET/es

Signed: Gil Thomas,
Denver, Colorado,
March 27, 1972.

APPENDIX II

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APPENDIX II

P.R.73/5
22nd May, 1973.

PROGRESS REPORT - E.L.7/68 - WEST TASMANIA

Geological environment of Turair Electro Magnetic and Magnetic Anomalies

A reconnaissance has been made of the E.L.7/68 areas where electromagnetic and magnetic anomalies have been detected by the Turair survey carried out by Scintrex Pty. Ltd. Among the electromagnetic anomalies, all those recommended as "primary targets" and some of those recommended as "secondary targets" have been considered. As for the magnetic anomalies, the field investigations have been limited to the South McIntyre and North Amber Creek areas. Our ideas about the possible source of the anomalies and our recommendations for the detailed follow-up work in each of the areas are summarised below.

A. Electro Magnetic Anomalies

The conductivity-thickness factor (sigma t) has been taken (Scintrex report, page 8) as the basis for the interpretation of the anomalies. A Sigma t value $\geq$ 100mhos usually defines anomalies of primary interest. A displacement of 100ft to 200ft of the actual position of the anomalies, along the flight lines, is considered possible. In the E.Z. area, where a similar survey was recently carried out and the Turair anomalies were screened by Turam, a reasonable correspondence in the location of Turair-Turam anomalies has been observed, at least where Turam matches Turair (and this does not happen often, as K. Burton, Chief Geologist at Rosebery has verbally communicated).

In our area, control of the Turair response over known mineralisation could have come from the Kosminsky-South Comet area, but no inflight photographs were recovered, (Scintrex page 18), and the location of the anomalies is very approximate. It is very

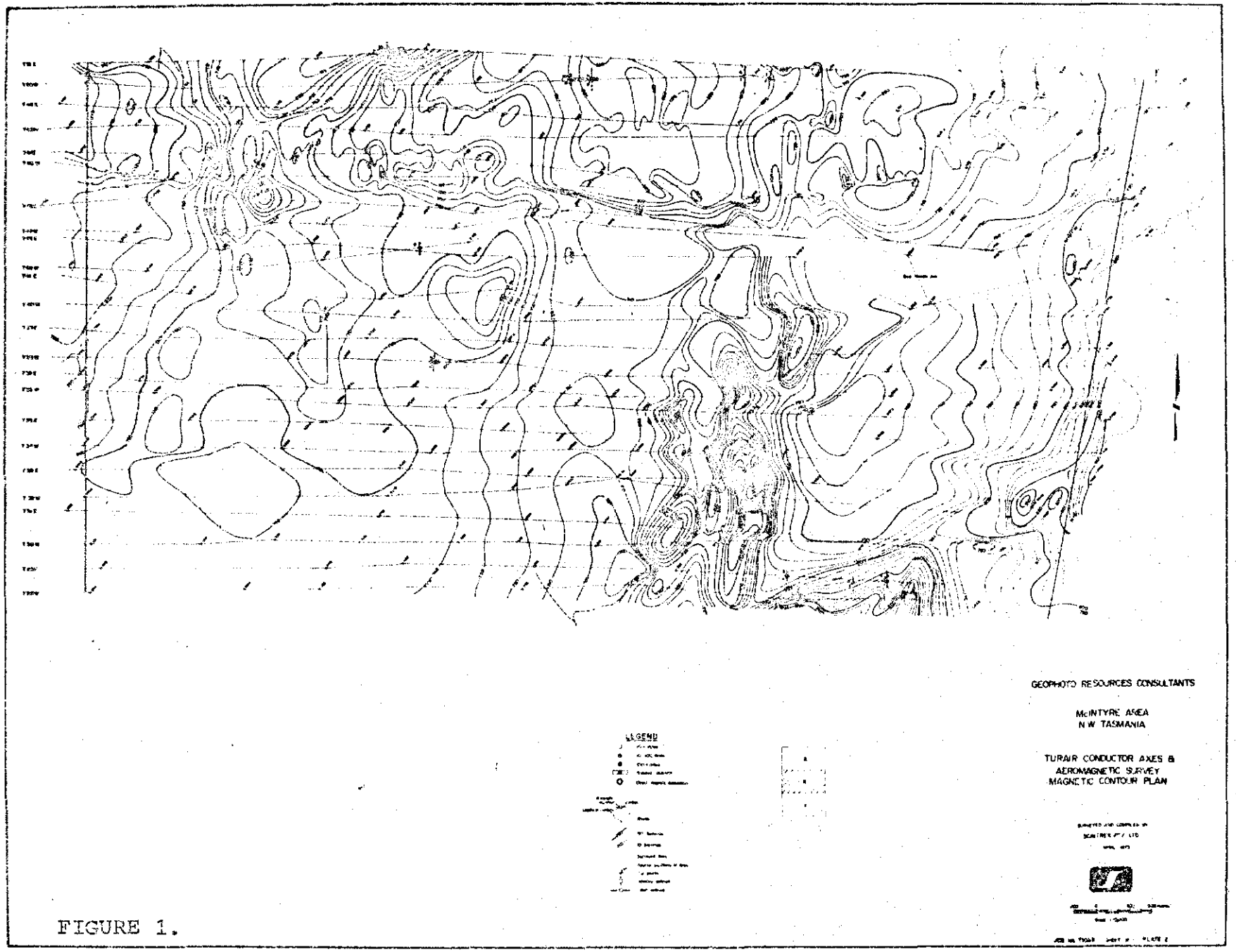

GEOPHOTO RESOURCES CONSULTANTS
McINTYRE AREA
N.W. TASMANIA
TURAIR CONDUCTOR AXES &
AEROMAGNETIC SURVEY
MAGNETIC CONTOUR PLAN
LEGEND

FIGURE 1.

5 cm

unfortunate that similar troubles also occurred in the North Montezuma area, where some mineralised trends are known and have been tested by diamond drilling. In conclusion, since the Mariposa mine lodes gave no electro magnetic anomalous response we do not have an anomaly indicated over known mineralisation which would allow us to check the location accuracy of the anomalies indicated in the survey.

1. McIntyre Area

Anomalies Nos. 7 and 8: They have a conductivity of 100mhos and have been detected at a depth of 9 meters. They are located in the north part of the McIntyre area which is rugged and covered by dense vegetation. They appear to lie close to where Quaternary talus and moraine deposits cover rocks of the Cambrian Dundas group. Interest in the anomalies is enhanced by the projection of the Kosminsky-South Comet trend which is inferred to join the Montezuma trend in that area. This inference has been further supported by the geologic reconnaissance recently carried out in the area. A more detailed discussion of the results of the geoligical, geochemical, geophysical investigations carried out over the lines of the Geophoto Grid are in the McIntyre progress report. Follow-up work involving extension of the grid, additional geological reconnaissance, soil sampling and V.L.F. surveys, was proposed and is being carried out. It should be pointed out that no surface evidence of mineralisation has been observed in the area, even along the recently cut northernmost lines of the grid. Black, graphitic slate does occur interbedded with grey slate and tuffite but does not form any outstanding lithological unit within the Dundas group. However, it possibly could be the source of these anomalies. Scintrex excludes that such high sigma t values could come from a conductive moraine or talus deposit.

It is hoped that the follow-up work will provide some clue to the interpretation of these anomalies.

Anomalies Nos. 1, 2, 3 and 4: These anomalies, in spite of their high conductivity, have been considered as 'secondary targets' because of their poor contrast with the background noise level. They have, however, been taken into account here because they are tied to magnetic anomalies in an area where Quaternary moraine covers the Dundas group. Gabbro boulders have been observed in our recent visit and gabbro outcrops are known nearby. Anomalously high Cu values were recorded in the sediments of a stream draining the area by McIntyre Mines Pty. Ltd. in the course of their geochemical investigations. A Cu-Ni mineralisation, associated with gabbro dikes, is known to occur in the Cuni district a few miles north of the Dundas area. The geologic environment of these anomalies is rather similar to that of Turair anomalies 32A, B and C but the area where the latter lie is more accessible. We recommend that a follow-up investigation in the area of anomalies 1, 2, 3 and 4 be considered only if the results obtained from the field work in anomalies 32A, B and C area prove encouraging.

2. Amber Creek Area (Refer to Figure 2)

Anomalies 32A, B and C: These anomalies are located 2,000ft east of the junction of the Howard Road with the Queenstown Road. Their conductivity is above 100mhos, their contrast sharp, their depth between 50 and 80 meters and they are rated as "primary targets". As explained above, their interest relies upon the possiblity of a mineralisation associated with the gabbro intrusions. The follow-up work proposed is:

i) Cutting of 23,000 line feet in a grid.

ii) Ground magnetic and E.M. surveys (either Turam or standard E.M., not V.L.F.)

iii) Soil sampling, using Cobra soil sampler or similar tool. The moraine deposit should not be thicker than 10-15ft.

613100

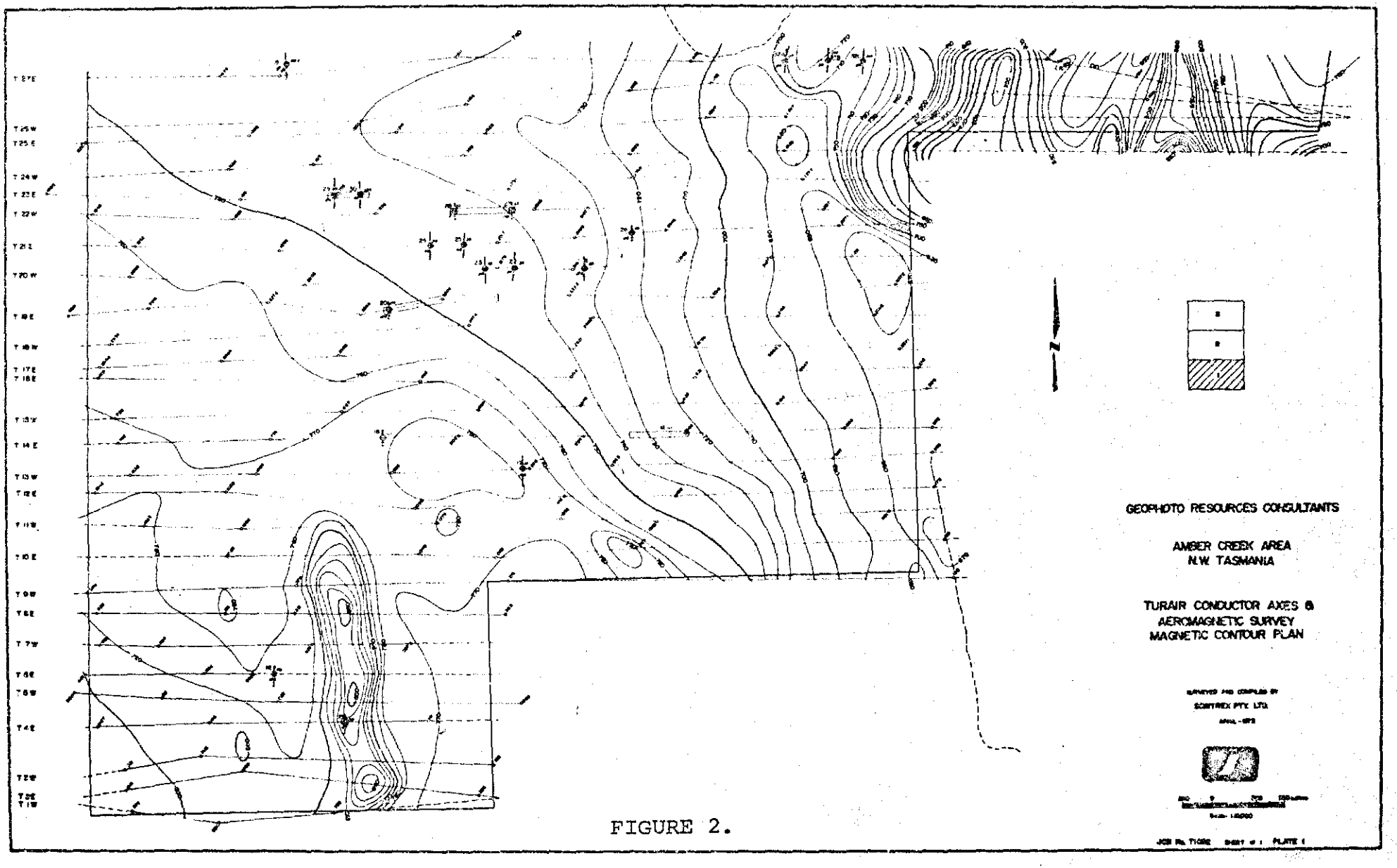


FIGURE 2.

5 cm

070

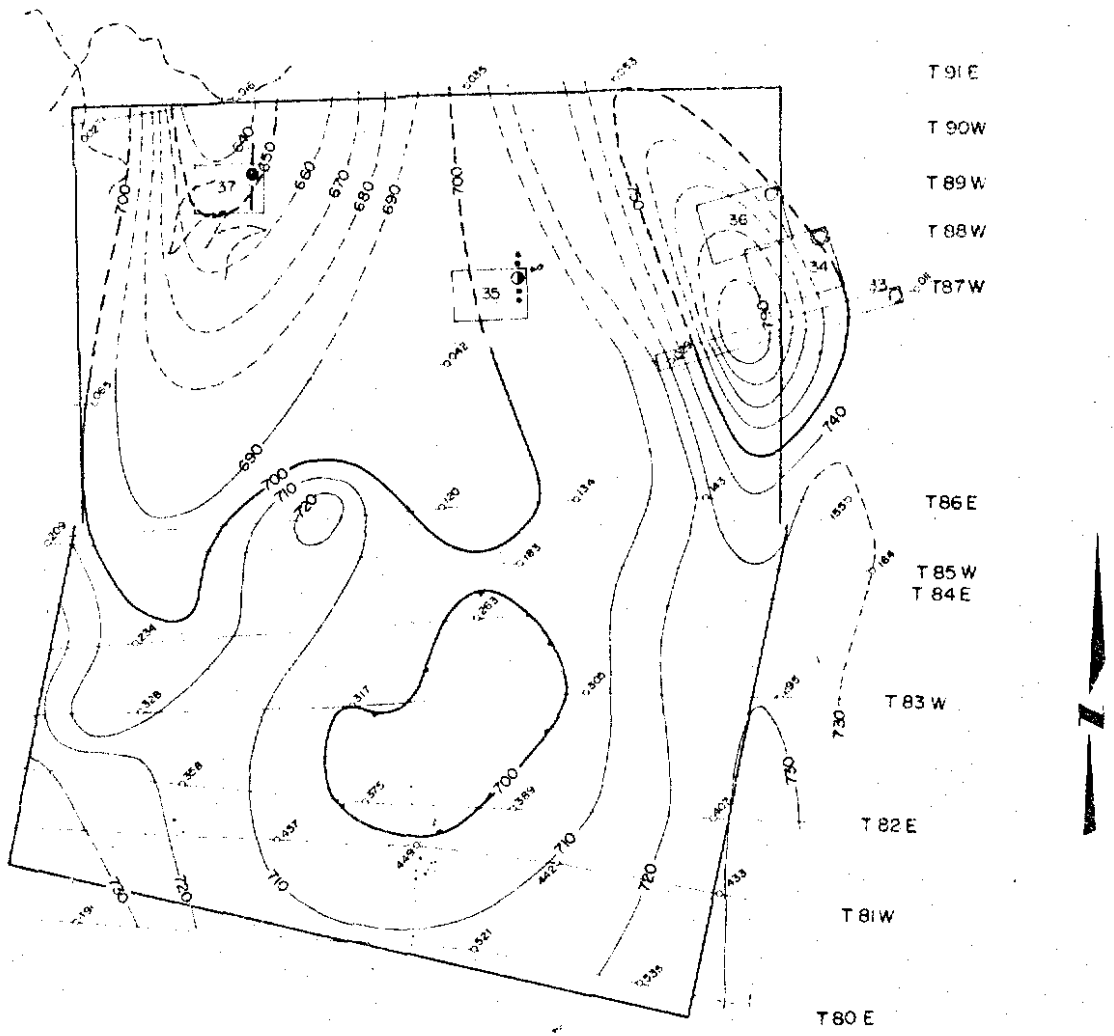
Anomalies 21 and 26: They are rated as secondary or tertiary targets because of very low sigma t. Their depths are 125 and 115 meters. They are considered to be of interest only because they occur in the Amber Creek swampy area, where glacio-fluvial deposits cover the Gordon Limestone. They are roughly located in the same area where the V.L.F. anomalies and the Pb anomalous zones occur, but it is impossible at the moment to speculate about any correlation between them. Their depth excludes the possibility that they have been caused by some "button grass response" or "conductive moraine response". Sampling through the overburden at depth has started and the interpretation of these anomalies is being postponed until the geochemical results have been assessed.

However, it is proposed to carry out in the area an additional E.M. survey (possibly standard E.M., not Turam because of the depth of the Turair anomalies) primarily because of the previously expressed doubts about the meaningfulness of the V.L.F. survey results in an area of such a thick overburden cover.

3. Central Dundas (Refer to Figure 3)

Anomaly 37: The location of this anomaly, as explained, is very approximate because of photography problems. However, there should be no doubt that the anomaly represents a response from the Kosminsky-South Comet trend, probably in the proximity of the South Comet mine. The depth of the anomaly is 30 meters. The area has been tested already by diamond drilling to that depth and deeper, and no follow-up work is necessary. It is puzzling that this is the only response obtained from the Kosminsky-South Comet; probably it is related to the initial Pb rich part of the lode.

6134270



GEOPHOTO RESOURCES CONSULTANTS

DUNDAS EXTENSION
N.W. TASMANIA

TURAIR CONDUCTOR AXES &
AEROMAGNETIC SURVEY
MAGNETIC CONTOUR PLAN

SURVEYED AND COMPILED BY
SCINTREX PTY. LTD.
APRIL - 1973

200 0 200 400 metres
Scale 1:10,800

JOB No. T1032 SHEET of 1 PLATE 4

FIGURE 3.

5 cm

074

B. Magnetic Anomalies

In the South McIntyre and North Amber Creek areas, up to 300 gamma above background values have been recorded. This slightly anomalous zone could indicate the occurrence of gabbro dikes under the moraine cover. This inference is supported by the fact that in the South East portion of the McIntyre area a known gabbro outcrop is outlined by values from 100 to 150 gamma above background. The interest of this possibility has been explained while discussing the Turair anomalies numbers 1, 2, 3 and 4 and 32A, B and C.

4. East Dundas (Refer to Figure 4)

The very weak E.M. response is in agreement with the disappointing results obtained by the geological and geochemical surveys carried out in the northeast section of this area in January-February, 1973. It does not appear that an extension of investigations to the south section is warranted.

Lanfranco Discala,
22nd May, 1973.

Reference: Scintrex Pty. Ltd. Reports -

Tas-007 (Oct. 1972)	Report on Conductivity and Susceptibility tests of diamond drill core from Zeehan.
T-1302 (May, 1973)	Report on Turair airborne electromagnetic surveys in the Zeehan area.

613072

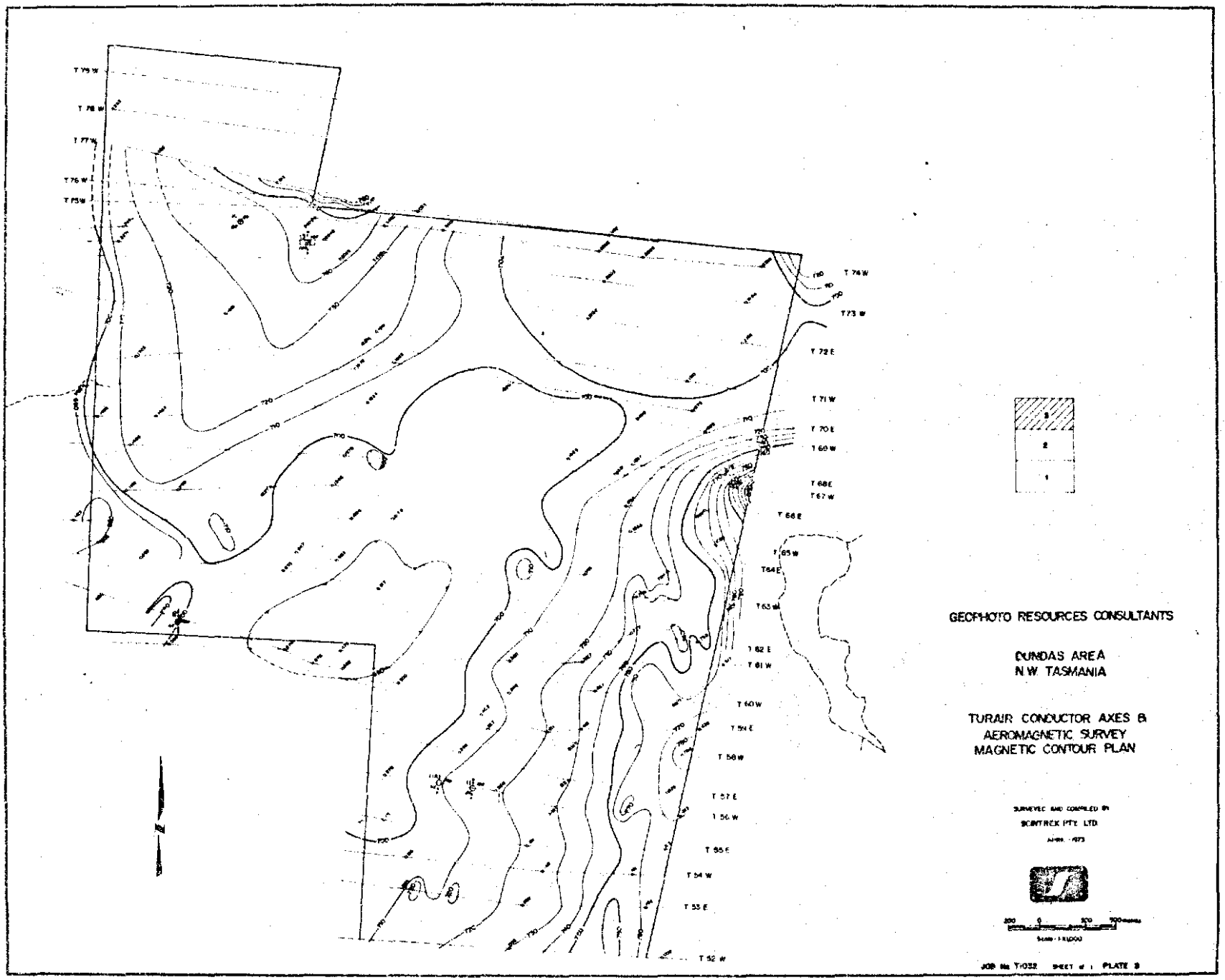


FIGURE 4.

5 cm

075

082

613073

APPENDIX III

060

613074

PROGRESS REPORT 73/1

E.L.7/68 - NORTH EAST DUNDAS

FEBRUARY 26, 1973

A.C. JOHNSTON

U62

613075

ABSTRACT

From 30th January, 1973 to 5th February, 1973 a geological reconnaissance and stream sediment sampling program was carried out over the 2.6 square miles North-East Dundas section of E.L.7/68 by Geophoto Resources Consultants acting as exploration consultants to the licence holders, Texins Development Pty. Ltd. During this period and as a part of the overall exploration program for E.L.7/68, a Turair survey (semi-airborne electromagnetic method) also covered the area.

No evidence suggesting the presence of economic sulphide mineralization was found and no further exploration is recommended.

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TURAIR SURVEY	5
GEOCHEMISTRY	6
CONCLUSIONS AND RECOMMENDATIONS	6
APPENDIX - GEOCHEMICAL LABORATORY SHEETS	(I)
LIST OF DRAWINGS	(II)

INTRODUCTION

The reconnaissance area is situated in the northeast corner of E.L.7/68 and covers an area of approximately 2.6 square miles. N.E. Dundas was selected for minerals exploration on account of its proximity to the Mt. Lyell (Cu), Hercules (Pb, Zn) and Rosebery (Pb,Zn) line of mineralization. Campana and King, (1961) related these mineralized occurrences to sheared zones within the deep-seated Owen Rift Fault of Cambro-Ordovician age. It was claimed that, within these zones, Pb-Zn-Cu-Fe sulphide mineralization occurs as replacement, or in some cases exhalative sedimentary cores, in intimate association with schisted lower-middle Cambrian Mt. Read Volcanics. In effect, Geophoto was investigating the possibility of a similar geological, mineralogical and structural environment occurring in the N.E. Dundas area.

In actual fact, reconnaissance mapping has indicated that the eastern boundary of E.L.7/68 lies just to the west of the above-discussed mineralized trend and geological association. Some volcanics (tuffites) however, were located within E.L.7/68.

Access to the area is via Howard's Private Timber Road which junctions with the main Zeehan-Queenstown Highway seven miles from Zeehan.

EXPLORATION APPROACH

It was decided that the best way to quickly and at the same time meaningfully evaluate the area, was to carry out reconnaissance geological mapping in conjunction with a detailed stream sediment and rock geochemistry program. At the same time a Turair (airborne electro-magnetic method) would cover the area.

The initial step was to prepare a base map, scale 1:10,000 from a photo mosaic constructed by Australian Aerial Mapping, who had flown the area in November, 1971 on behalf of Geophoto Resources Consultants. This map then formed the basis for the geological mapping and the stream sediment survey.

Past experience in the Dundas area has shown us that outcrop is generally poor and is best exposed (if only sporadically) in the creeks. Considering this, and the fact that a large proportion of the creeks in the reconnaissance area cut across the geological strike (north-north-west), it was realised that useful information could only be gained by traversing along the above-mentioned creeks.

In order to have some measure of control for the geological mapping and the stream sediment survey, lines were cut and pegged at 50 to 100ft intervals along the main creek (White Spur Creek) and its more prominent tributaries, named for convenience A, B, C, D, E and F. This resulted in a total of 23,200ft of line cutting in this area.

Finally, to carry out the above program as quickly and as efficiently as possible, a 'fly camp' was established near the junction of the east boundary of E.L.7/68 with White Spur Creek. The field work, including the stream sediment geochemical survey, was completed in seven days (30th January to 5th February, 1973).

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GEOLOGY

Refer to Drg. No. 1/356

The general strike of the beds in the area is north-north-west and dip steeply to the south-west, dominantly in the range of 70^{o}-85^{o}.

Three main rock groups were established as a result of the reconnaissance mapping, and following is a summarised description from youngest to oldest (as illustrated on the geological map from east to west).

GROUP 1: Only the bottom of this sequence was covered. This sequence is dominated by laminated grey to dark grey siltstones, grey and often micaceous quartzose sandstone, and dark grey/black and often pyritic, shale.

GROUP 2: Group 1 is underlain by a sequence (approximately 1,500ft thick) of pale grey/green-grey, often siliceous tuffites. A prominent feature of these volcanics was the inclusion of dark grey/black siliceous lithic fragments, both randomly distributed and occasionally lens-like and confirming to the bedding. Microscopic examination of three representative rock samples from the sequence (N.21, N.29 and N.102) confirmed their already suspected acid (?rhyolitic) composition. The rocks in this suite were also generally sheared and fairly extensively altered sericite, carbonate and chlorite being the main alteration products. A full description of the above rock samples can be found in Mineralogical Report No. 1179 (McPhar Geophysics Pty. Ltd.) appended to this report. Pale grey/grey quartzite exhibiting a fine glassy to saccharoidal texture and quartzose sandstone are thinly interbedded with the above tuffites.

GROUP 3: Underlying Group 2 is a sequence dominated by grey/dark grey (occasionally black) distinctly laminated and often pyritic slates. These slates are occasionally thinly interbedded with grey/dark grey micaceous siltstones and minor dolomitic grey/green-grey tuffites. Within this sequence, pale grey/grey quartzite exhibiting a fine glassy/saccaroidal texture and quartzose sandstone, form the sub-ordinate rock types.

The fine grained white/pale grey highly jointed quartzite at the base of Group 3 is problematic. It appears to be associated with a north-north-easterly trending fault which may have something to do with its apparently discordant relationship with the overlying slates of Group 3.

Collectively, the above groups compare fairly well, both in lithological description and relative position, with the Early Cambrian Primrose pyroclastics and slates. These were described by Campana and King (1961) in the Moores Pimple area to the immediate north-west of the reconnaissance area.

STRUCTURE

Refer to Drgs. Nos. 1/356, 1/324

Geophoto's photo-interpretation of the area provided a useful guide to the location of various structural elements, particularly fault location. Faulting appeared to trend in two main directions, i.e. north-north-east and roughly east-west. Rarely could faults be observed directly, being largely inferred from such observations as the abundant large barren quartz boulders occurring in creek E between E+100' and E+1500'. These quartz boulders are commonly limonitic and chloritic along fine fractures. Another example is the abundant quartz and carbonate stringers associated with sheared dark grey/black slate between w+700' and N+8250'. A series of north-north-west trending tight anticlinal and synclinal structures is similarly located. In one case, however, the hanging and foot wall of a roughly east-west trending fault was clearly exposed in a creek near C+2550'. Abundant stringers and irregular pods of barren, often vughy, limonitic and chloritic quartz are associated with this structure.

A notable feature of the above structres is the conspicuous absence of any form of mineralization.

TURAIR SURVEY

Refer to: Scintrex Pty. Ltd. Report on Turair - Plate 3

From the 28th January to 5th February, 1973 a Turair survey (semi-airborne electro-magnetic method) was undertaken over selected areas within E.L.7/68 by Scintrex Pty. Ltd. on behalf of Geophoto Resources Consultants. The North East Dundas area was included in this survey.

No significant electro-magnetic response was recorded within the reconnaissance area.

081

GEOCHEMISTRY

Refer to Drgs. Nos. 1/360, 1/361, 1/362, 1/363

The stream sediment survey which was carried out in conjunction with the reconnaissance geological mapping has been described in detail in an appendix to this report. It is sufficient to mention here that no significant anomalies were identified.

In addition to the above survey, a total of 54 rock chip samples were taken during the course of the reconnaissance mapping and despatched to the Brisbane Laboratory of Geophoto for analysis by G.R.C.1 for Pb, Zn and Cu. In general the results were in agreement with the poor response obtained from the stream sediment geochemistry.

CONCLUSIONS AND RECOMMENDATIONS

The results of the exploration program have not been encouraging. Within the limits of the above discussed field techniques, the likelihood of economic sulphide mineralization occurring in the area appears very remote. In view of this, no further work is recommended in the N.E. Dundas area.

A.C. Johnston,
January, 1974.
(updated February, 1973 report).

613083

APPENDIX

GEOCHEMICAL LABORATORY SHEETS

1238/1

1254/1-7

1259/1-2

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003177 PROJECT No.: EL.7/68 - N.E. DUNDAS

LAB. SHEET No.: 1238/1 SAMPLE TYPE: STREAM SED. DATE: 8th February, 1973

	SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
-80 Fraction	A + 1450	73-B-339	10	20	10	60	60	BLD
	A + 450	73-B-340	10	30	10	70	75	BLD
	B + 4800	73-B-341	10	85	80	180	235	2
	C + 650	73-B-342	10	20	10	50	50	BLD
	D + 400	73-B-343	10	30	30	100	55	BLD
	E + 850	73-B-344	5	10	BLD	20	10	BLD
	E + 3050	73-B-345	10	30	5	50	40	BLD
	E + 4650	73-B-346	10	60	15	90	90	2
	F4+ 50	73-B-347	30	25	10	120	155	1
	WS+ 5150	73-B-348	20	70	60	150	110	2
+20 Fraction	A + 450	73-B-349	10	20	10	30	30	BLD
	A + 1450	73-B-350	10	30	10	35	30	BLD
	B + 4800	73-B-351	10	70	50	65	70	1
	C + 650	73-B-352	5	30	10	50	40	BLD
	D + 400	73-B-353	10	30	20	80	50	BLD
	E + 850	73-B-354	10	30	10	80	70	1
	E + 3050	73-B-355	5	10	BLD	20	20	BLD
	E + 4650	73-B-356	10	20	BLD	20	20	BLD
	F4+ 50	73-B-357	30	25	10	110	140	BLD
	WS+ 5150	73-B-358	10	30	30	60	40	BLD

METHODS: Cu, Ni, Co, Pb, Zn & Ag by G.R.C. NO. 1

BLD = Below limit of detection

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

for Chief Chemist

U85

613085

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003180 PROJECT No.: EL. 7/68 - NORTH EAST DUNDAS

LAB. SHEET No.: 1254/1 SAMPLE TYPE: STREAM SED. DATE: 23rd February, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
WS + 250	73-B-626	BLD	20	10	145	200	1
WS + 350	73-B-627	5	40	30	80	70	1
WS + 550	73-B-628	2	25	10	35	35	1
WS + 750	73-B-629	2	30	20	65	65	1
WS + 950	73-B-630	BLD	20	20	80	70	BLD
WS + 1150	73-B-631	10	40	20	130	145	1
WS + 1350	73-B-632	10	45	30	80	95	1
WS + 1550	73-B-633	5	45	30	95	90	1
WS + 1750	73-B-634	5	40	30	85	90	BLD
WS + 1950	73-B-635	10	45	25	85	95	1
WS + 2150	73-B-636	10	50	60	130	100	1
WS + 2350	73-B-637	BLD	30	10	60	60	BLD
WS + 2550	73-B-638	2	40	40	80	90	BLD
WS + 2750	73-B-639	10	40	55	175	105	1
WS + 2950	73-B-640	5	40	40	95	80	1
WS + 3150	73-B-641	10	30	40	395	350	1
WS + 3350	73-B-642	5	45	55	135	130	1
WS + 3550	73-B-643	10	40	40	95	80	1
WS + 3750	73-B-644	5	30	40	105	70	BLD
WS + 3950	73-B-645	20	20	10	470	900	1
WS + 4150	73-B-646	5	40	60	170	95	1
WS + 4350	SAMPLE MISSING						
WS + 4550	73-B-647	10	40	85	180	110	1
WS + 4750	73-B-648	5	30	20	190	300	1
WS + 4950	73-B-649	5	40	30	90	80	BLD
WS + 5350	73-B-650	10	35	40	115	100	1
WS + 5550	73-B-651	10	40	50	125	95	1
WS + 5750	73-B-652	10	35	35	90	55	BLD
WS + 5950	73-B-653	10	40	25	75	75	1
WS + 6150	73-B-654	5	40	35	115	120	1

METHODS: Cu, Ni, Co, Pb, Zn, Ag by G.R.C. NO. 1

BLD = Below limit of detection

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Chief Chemist

Ray W. Parkyn

086

613086

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003180/81 PROJECT No.: EL.7/68 - NORTH EAST DUNDAS

LAB. SHEET No.: 1254/2 SAMPLE TYPE: STREAM SED. DATE: 23rd February, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
WS + 6350	73-B-655	5	35	30	80	65	BLD
WS + 6550	73-B-656	10	55	80	195	100	1
WS + 6750	73-B-657	10	50	70	165	80	1
WS + 6950	73-B-658	5	35	40	100	55	BLD
WS + 7150	73-B-659	5	20	20	60	55	BLD
WS + 7350	73-B-660	5	30	50	110	60	BLD
WS + 7550	SAMPLE MISSING						
WS + 7750	73-B-661	10	40	50	120	100	1
WS + 7950	SAMPLE MISSING						
WS + 8150	73-B-662	2	30	25	70	50	BLD
WS + 8350	73-B-663	10	30	45	145	120	1
WS + 8550	73-B-664	5	25	30	75	70	BLD
WS + 8750	73-B-665	10	35	50	135	90	BLD
WS + 8950	73-B-666	5	25	30	75	55	BLD
WS + 9150	73-B-667	10	30	50	120	70	BLD
WS + 9350	73-B-668	10	30	50	100	60	BLD
WS + 9550	73-B-669	5	30	30	80	65	BLD
WS + 9750	73-B-670	15	30	50	110	65	BLD
WS + 9950	73-B-671	5	20	60	110	80	BLD
WS + 10150	73-B-672	5	20	40	105	70	BLD
WS + 10350	73-B-673	BLD	15	15	40	20	BLD
WS + 10550	73-B-674	10	35	20	60	60	BLD
WS + 10750	73-B-675	10	20	15	65	50	BLD
WS + 10950	73-B-676	5	20	20	80	50	BLD
WS + 11050	73-B-677	2	20	10	40	30	BLD
WS + 11250	73-B-678	2	20	10	40	30	BLD
WS + 11450	73-B-679	BLD	20	10	35	25	BLD
WS + 11650	73-B-680	2	25	10	90	40	BLD
WS + 11850	73-B-681	5	25	15	55	40	BLD
WS + 12050	73-B-682	5	30	20	70	45	BLD

METHODS:

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Chief Chemist Ray W. Gerhardy

087

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003181 PROJECT No.: EL.7/68 – NORTH EAST DUNDAS

LAB. SHEET No.: 1254/3 SAMPLE TYPE: STREAM SED. DATE: 23rd February, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
WS + 12250	73-B-683	2	20	10	55	45	BLD
WS + 12450	73-B-684	BLD	20	10	45	30	BLD
WS + 12650	73-B-685	BLD	20	10	60	60	BLD
WS1+ 50	73-B-686	BLD	30	10	35	35	BLD
WS8+ 50	73-B-687	15	20	10	105	140	1
WS3+ 50	73-B-688	5	25	30	95	70	BLD
WS3+ LF	73-B-689	2	20	10	55	70	BLD
WS3+ RF	73-B-690	2	20	10	100	100	BLD
WS4+ 50	73-B-691	10	65	50	75	80	1
WS4+ 250	SAMPLE MISSING						
WS4+ 350	73-B-692	10	50	95	225	130	1
WS5+ 50	73-B-693	2	10	5	55	60	BLD
WS6+ 50	73-B-694	5	20	10	100	90	BLD
WS7+ 50	73-B-695	10	15	15	70	40	BLD
D + 00	73-B-696	5	20	15	75	55	BLD
D + 200	73-B-697	10	25	30	75	50	1
D + 600	73-B-698	10	30	10	70	85	1
A + 50	73-B-699	10	20	10	45	50	1
A + 250	73-B-700	10	20	10	70	100	BLD
A + 650	73-B-701	5	20	5	45	40	BLD
A + 850	73-B-702	5	20	10	50	60	BLD
A + 1050	73-B-703	5	25	10	50	60	1
A + 1250	73-B-704	5	20	10	90	45	BLD
A + 1650	73-B-705	10	30	10	80	85	1
A + 1850	73-B-706	BLD	15	10	40	45	BLD
A + 2000	73-B-707	5	20	10	75	75	1
A + 2200	73-B-708	BLD	20	10	30	25	BLD
A + 2400	73-B-709	BLD	5	5	20	20	BLD
A + 2600	73-B-710	BLD	10	10	85	100	BLD
A + 2800	73-B-711	10	20	35	275	340	1

METHODS:

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Chief Chemist

Ray W. Lindsay

083

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003181 007401 PROJECT No.: EL.7/68 - NORTH EAST DUNDAS

LAB. SHEET No.: 1254/4 SAMPLE TYPE: STREAM SED. DATE: 23rd February, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
A + 3000	73-B-712	BLD	10	10	95	120	BLD
A + 3200	73-B-713	BLD	10	5	90	120	BLD
A + 3600	73-B-714	BLD	BLD	BLD	15	5	BLD
A + 3800	73-B-715	BLD	5	5	90	125	BLD
A1 + 50	73-B-716	BLD	BLD	BLD	15	10	BLD
A1 + 250	73-B-717	5	20	10	145	170	1
A2 + 50	73-B-718	BLD	10	10	60	60	BLD
A3 + 50	73-B-719	BLD	BLD	BLD	15	30	BLD
A3 + 250	73-B-720	BLD	10	5	50	10	BLD
A4 + 50	73-B-721	BLD	10	BLD	60	75	BLD
B + 50	73-B-722	10	70	95	130	145	1
B + 250	73-B-723	BLD	50	40	50	50	BLD
B + 600	73-B-724	10	70	60	125	170	1
B + 800	73-B-725	10	85	65	135	230	1
B + 1000	73-B-726	10	80	55	180	420	1
B + 1200	73-B-727	10	70	50	245	230	1
B + 1400	73-B-728	5	70	50	75	110	1
B + 1800	73-B-729	10	80	55	45	70	1
B + 2000	73-B-730	10	110	130	115	150	1
B + 2200	73-B-731	10	90	105	235	310	1
B + 2400	73-B-732	10	70	50	45	55	BLD
B + 2600	73-B-733	10	75	60	55	60	BLD
B + 2800	73-B-734	5	70	50	45	50	BLD
B + 3000	73-B-735	10	75	70	65	70	1
B + 3200	73-B-736	10	80	80	115	260	1
B + 3400	73-B-737	10	80	85	155	155	1
B + 3600	73-B-738	2	50	30	30	40	BLD
B + 3800	73-B-739	10	60	60	155	140	1
B + 4000	73-B-740	2	50	30	25	40	BLD
B + 4200	73-B-741	5	55	40	55	110	BLD

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007401 PROJECT No.: EL.7/68 – NORTH EAST DUNDAS

LAB. SHEET No.: 1254/5 SAMPLE TYPE: STREAM SED. DATE: 23rd February, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
B + 4400	73-B-742	10	75	75	120	170	1
B + 4600	73-B-743	10	70	70	105	130	1
B + 5000	73-B-744	10	90	90	185	255	1
B + 5450	73-B-745	BLD	10	BLD	15	5	BLD
B1 + 50	73-B-746	5	50	30	50	60	1
B2 + 50	73-B-747	BLD	15	10	20	20	BLD
B3 + 50	73-B-748	5	55	30	65	90	BLD
B4 + 50	73-B-749	10	65	50	105	140	BLD
B4 + 250	73-B-750	5	55	40	75	85	1
B5 + 50	73-B-751	2	20	BLD	35	30	BLD
B5 + 250	73-B-752	BLD	10	BLD	35	35	BLD
B5 + 400	73-B-753	5	20	5	35	30	BLD
B5 + 650	73-B-754	BLD	10	BLD	15	20	BLD
B5 + LF	73-B-755	BLD	10	BLD	15	15	BLD
B5 + RF	73-B-756	BLD	10	BLD	15	15	BLD
B6 + 50	73-B-757	BLD	25	5	15	15	BLD
B6 + 250	73-B-758	BLD	30	5	15	15	BLD
B7 + 50	73-B-759	BLD	20	BLD	25	25	BLD
B7 + 250	73-B-760	BLD	25	5	10	10	BLD
C + 50	73-B-761	10	30	30	85	60	1
C + 250	73-B-762	10	30	40	100	80	1
C + 450	73-B-763	10	35	50	75	55	1
C + 850	73-B-764	10	30	30	75	55	BLD
C + 1050	73-B-765	10	50	35	75	60	1
C + 1250	73-B-766	5	30	20	45	50	BLD
C + 1450	73-B-767	20	50	40	115	115	1
C + 1650	73-B-768	10	45	10	55	65	BLD
C + 1850	73-B-769	10	40	20	55	50	1
C + 2250	73-B-770	10	40	20	75	80	1
C + 2450	73-B-771	5	30	15	45	30	BLD

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007402 PROJECT No.: EL.7/68 - NORTH EAST DUNDAS

LAB. SHEET No.: 1254/6 SAMPLE TYPE: STREAM SED. DATE: 23rd February, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
C + 2550	73-B-772	10	40	10	45	40	1
C1 + 50	73-B-773	10	25	15	55	50	BLD
C2 + 50	73-B-774	10	20	15	85	80	BLD
E + 50	73-B-775	10	30	30	80	50	BLD
E + 250	73-B-776	10	30	20	295	540	1
E + 450	73-B-777	2	10	BLD	85	70	1
E + 650	73-B-778	10	30	10	320	420	1
E + 1250	73-B-779	2	20	10	35	40	BLD
E + 1450	73-B-780	2	BLD	BLD	55	45	BLD
E + 1650	73-B-781	20	30	10	195	275	1
E + 1850	73-B-782	2	10	BLD	60	75	BLD
E + 2250	73-B-783	5	20	10	65	70	BLD
E + 2450	73-B-784	10	35	15	155	220	1
E + 2650	73-B-785	10	40	30	240	290	2
E + 2850	73-B-786	10	15	10	210	280	1
E + 3050	73-B-787	10	20	10	95	75	BLD
E + 3450	73-B-788	25	20	10	300	365	5
E + 3650	73-B-789	BLD	BLD	BLD	5	BLD	BLD
E + 3850	73-B-790	10	55	40	80	70	1
E + 4050	73-B-791	5	20	20	55	55	BLD
E + 4850	73-B-792	5	20	10	70	75	BLD
E + 5050	73-B-793	10	20	20	210	250	1
E + 5450	73-B-794	5	15	5	250	400	1
E + 5650	73-B-795	2	10	5	60	80	1
E2 + 50	73-B-796	BLD	10	5	60	100	BLD
E3 + 50	73-B-797	BLD	10	5	15	10	BLD
F + 25	73-B-798	10	20	20	40	35	BLD
F + 250	73-B-799	10	20	20	65	90	1
F + 450	73-B-800	10	20	20	60	50	1
F + 650	73-B-801	10	20	15	90	160	BLD

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007402 PROJECT No.: EL.7/68 - NORTH EAST DUNDAS

LAB. SHEET No.: 1254/7 SAMPLE TYPE: STREAM SED. DATE: 23rd February, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
F + 850	73-B-802	20	20	10	190	325	1
F + 1050	73-B-803	10	20	10	65	110	1
F + 1250	73-B-804	10	25	20	90	175	1
F + 1450	73-B-805	15	30	10	50	70	1
F + 1850	73-B-806	15	20	10	85	120	1
F + 2050	73-B-807	10	20	5	25	40	1
F + 2250	73-B-808	10	20	5	35	70	1
F + 2450	73-B-809	5	10	BLD	5	15	BLD
F + 2650	73-B-810	10	20	5	25	50	BLD
F1 + 50	73-B-811	30	20	10	45	60	BLD
F1 + 200	73-B-812	20	15	10	45	65	1
F2 + 50	73-B-813	20	20	10	65	90	1
F2 + 200	73-B-814	20	15	10	75	80	1
F3 + 50	73-B-815	25	20	10	90	105	1
F4 + 450	73-B-816	30	20	10	170	215	1
F4 + RF	73-B-817	25	20	10	160	270	1
F4 + LF	73-B-818	30	20	10	95	105	1
A4 + 250	73-B-819	5	10	10	75	80	BLD
E + 4350	73-B-820	10	25	30	115	90	BLD

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 093188 PROJECT No.: EL.7/68 - DUNDAS - N.E. DUNDAS RECONN

LAB. SHEET No.: 1259/1 SAMPLE TYPE: ROCK DATE: 1st March, 1973

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm
S 19	73-B-1266	30	45	130
S 20	73-B-1267	40	35	160
S 22	73-B-1268	70	20	135
S 17	73-B-1269	15	85	100
S 16	73-B-1270	2	35	85
S 14	73-B-1271	30	145	90
S 23	73-B-1272	50	65	230
S 12	73-B-1273	BLD	25	60
S 10	73-B-1274	2	15	70
S 44	73-B-1275	2	30	170
S 42	73-B-1276	2	15	20
S 39	73-B-1277	20	25	110
S 37	73-B-1278	45	25	140
S 35	73-B-1279	BLD	10	40
S 33	73-B-1280	60	25	95
S 31	73-B-1281	10	10	40
S 29	73-B-1282	20	10	90
S 27	73-B-1283	30	40	115
S 25	73-B-1284	BLD	65	115
S 70	73-B-1285	50	20	100
S 68	73-B-1286	30	65	90
S 64	73-B-1287	BLD	25	25
S 60	73-B-1288	15	35	70
S 58	73-B-1289	50	45	130
S 56	73-B-1290	10	25	110
S 54	73-B-1291	40	100	190
S 52	73-B-1292	10	25	70
S 50	73-B-1293	10	20	175
S 48	73-B-1294	BLD	15	60
S 46	73-B-1295	40	65	170

METHODS: Cu, Pb, Zn, by G.R.C. NO. 1

BLD = Below limit of detection

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GEOCHEMICAL LABORATORY REPORT

003188
FIELD SHEET No.: 003159 PROJECT No.: EL.7/68 - DUNDAS - N.E. DUNDAS RECONN

LAB. SHEET No.: 1259/2 SAMPLE TYPE: ROCK DATE: 1st March, 1973

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm
S 92	73-B-1296	2	25	35
S 90	73-B-1297	60	45	200
S 89	73-B-1298	30	25	140
S 87	73-B-1299	15	25	90
S 86	73-B-1300	BLD	25	40
S 85	73-B-1301	20	30	90
S 83	73-B-1302	30	35	105
S 80	73-B-1303	35	20	90
S 78	73-B-1304	2	10	70
S 76	73-B-1305	BLD	5	40
S 73	73-B-1306	15	35	30
S 93	73-B-1307	20	30	80
S 95	73-B-1308	10	20	50
S 96	73-B-1309	BLD	10	25
S 98	73-B-1310	10	30	50
S 99	73-B-1311	5	15	40
S100	73-B-1312	5	10	35
S101	73-B-1313	2	95	240
S103	73-B-1314	5	15	50
S 8	73-B-1315	10	25	80
S 6	73-B-1316	5	15	85
S107	73-B-1317	BLD	10	80
S106	73-B-1318	BLD	10	25
S104	73-B-1319	80	45	40

METHODS:

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LIST OF DRAWINGS

Drg. No. 1/360	Sample Location Map
Drg. No. 1/361	Cu Values
Drg. No. 1/362	Pb Values
Drg. No. 1/363	Zn Values
Drg. No. 1/324	Structural Map
Drg. No. 1/356	Reconnaissance Geology
Drg. No. B.386	Reconnaissance Survey

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APPENDIX IV

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PROGRESS REPORT 73/4

E.L.7/68 - WEST TASMANIA

MAY 7, 1973

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NORTHEAST AND CENTRAL DUNDAS AREAS	9
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DRAINAGE SEDIMENTS SURVEY IN THE N.E. DUNDAS AREA

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Progress Report 73/4
7th May, 1973.

E.L.7/68 - West Tasmania

Progress Report

The purpose of this progress report is to summarise the activity which has been undertaken in the E.L.7/68 area since the last status report (March, 1973) was written and to review the exploration status of each work unit within the area.

It is very unfortunate that the Turair survey report has not been finalised yet but, very recently I had the opportunity of examining with Mr. Howland-Rose of Scintrex the "second issue" of preliminary maps and to discuss with him some of the anomalies which have been recorded.

McIntyre Area

1. Geologic Reconnaissance: The 14,000 line feet grid, laid out in the area where the Montezuma and Kosminsky-South Comet trends were inferred to join, has been mapped. Additional reconnaissance traverses have been carried out along the main streams of the area.

The location of the Montezuma fault has been clearly defined in the field and, in the N.E. portion of the grid, strong shearing and drag folding suggest the occurrence of a N.N.W. trending fault which could be the extension of the Kosminsky-South Comet trend. The rocks in the area are a regular series of grey slate and shale with occasionally interbedded layers of tuffites. The general attitude of the beds is N.E. No evidence of mineralisation has been encountered.

A geologic map (scale 1" = 100') has been finalised and forwarded to the drafting department. A short report is being prepared by L. Johnston.

2. V.L.F.-E.M. survey: Carried out over the lines of the Geophoto and McIntyre grids. Very weak response. A small anomaly has been outlined in the S.E. portion of the Geophoto grid (Line 00→ East) and can be interpreted as related to the McIntyre Pb anomalous area.

3. Soil sampling: Carried out over the lines of the Geophoto grid. The Pb distribution in the soil samples (b = 75ppm, t = 175ppm) permits the outlining of some low contrast anomalies in the north portion of the grid, the best defined of which seems to correspond to the Kosminsky-South Comet trend. It also appears to be open northwards and probably to end at the Montezuma fault. This anomaly deserves to be checked by additional sampling along more closely spaced lines. The Zn anomalous values are very erratically distributed.

Maps showing the Pb and Zn distribution in the soil samples have been finalised and forwarded to the drafting department.

4. Rock geochemistry: 153 rock samples have been collected along the main streams of the area. They are being sent to the laboratory for analysis.

5. Support work: The McIntyre road has been extended 3,300ft in a N.N.E. direction (see maps).

6. Conclusions and Followup Work: The results of the investigations carried out in the area up to now have been rather disappointing as far as the possible occurrence of interesting mineralisation related to the Kosminsky-South Comet and Montezuma trends is concerned. However, the low Pb anomaly apparently associated with the Kosminsky-South Comet(?) trend will be further investigated along three new lines, 14N, 20N and 22N.

The second issue of "preliminary Turair maps" shows that the main anomaly in the area should lie at a depth of nine meters. The location of this anomaly is still confused but it seems to occur in an area of quaternary talus conglomerate. Scintrex claims the conductivity contrast is very high and suggests further investigation. Since the location of the anomaly is expected to be approximate, in the final issue of maps the base line of the Geophoto grid will be extended from 24N to 28N and the E-W lines will be cut to 20E to completely cover the area where the anomaly is likely to occur. Additional soil sampling, V.L.F. survey and geologic reconnaissance will be carried out over the new lines.

The preliminary Turair maps show a magnetic anomaly overlapped by electromagnetic anomalies in the south portion of the McIntyre area. The magnetic anomaly might be due to the occurrence of gabbro. Minor, scattered gabbro outcrops have been recorded in the area. The possibility of a mineralisation associated with these basic intrusions should be investigated once the Turair report is finalised and the final location of the anomalies is decided.

Unless the additional investigations in the Geophoto grid area provide some reliable indication of the occurrence of mineralisation associated with the main structural trends we will not be able to undertake a drilling programme in the area. The McIntyre soil anomaly does not seem to be related to any important mineralisation trend (low V.L.F. response, no apparent continuity). The Turair anomaly, with its very approximate location, cannot be considered a target unless it is confirmed by other methods. We have also to remember that the area is very rugged, densely covered by vegetation and a further extension of the McIntyre track is going to bring about another "Montezuma experience".

Amber Creek Area

A soil sampling survey has been carried out in the gridded area, from Line 18N to Line 42N. After two orientation pits had been dug to a depth of 5ft and the profiles had been sampled and analysed, a standard sampling depth of 3ft was chosen for the survey. The samples were collected at 50ft intervals over the base line and the East-West lines of the grid. A hand-auger was used as a sampling tool. The -80 mesh fraction was analysed by A/A for Pb, Zn, Ag, Cu, Ni, Co.

1. Objective of the investigation: It is known that the glacio-fluvial sediments of the Amber Creek flats overlie the Gordon Limestone formation and it is theoretically inferred that a replacement type mineralisation might occur in the limestone as elsewhere in the Zeehan area. Some VLF-EM anomalies have been recorded but doubts exist on their interpretation because of the poor depth of penetration of the system and of the thickness of the overburden (up to 100ft).

The surface soil sampling was carried out with the purpose of a) testing the effectiveness of soil sampling in an area of transported overburden and b) screening, if possible, the VLF-EM anomalies.

2. Results: Two small, low contrast Pb anomalous areas have been outlined on line 34N and line 42N. The erratically anomalous Zn values are instead scattered throughout the area and do not show any definite dispersion pattern. The main problem is to understand if these anomalous areas represent hydromorphic halos related to the movement of metal bearing solutions from the limestone or are clastic dispersion patterns related to the source area of the sediments. The spacing of our lines (400ft), chosen because of the large area to be gridded, does not permit definition of the form of the dispersion patterns and does not provide any clue about the possible trends of dispersion.

3. Conclusions and follow up work: The Pb anomalous areas do not seem to show any relationship with the VLF anomalies.

On the basis of this preliminary survey it cannot be speculated whether the anomalous areas are of hydromorphic or clastic origin.

Some Turair anomalies seem to roughly occur in the same area. But again, their actual location has not been finalised yet.

In order to obtain a better understanding about the occurrence and the origin of these anomalously high Pb and Zn values, it seems advisable to carry out the already planned sampling at depth of the overburden.

The initial area to be sampled should be the portion of the grid between 34N and 42N and between 5E and 6/10W. Line 36N and 38N will be laid out to secure a 200ft spacing of lines. The holes are planned to be drilled at 100ft centres. A total of 68 holes should be drilled, if possible to bedrock.

4. Problems: The power auger drill which is at the Zeehan camp could be used to carry out the drilling. However, it seems rather difficult to tow the drill by bulldozer along the grid lines because of the presently very bad ground conditions. Besides, there are doubts about the possibility of obtaining samples free of contamination with this drilling system, particularly if the holes are to be rather deep. An alternative could be the use of a Cobra drill with an adapted sampler as suggested by F. Gleeson, R. Comer (Overburden sampling at depth, Quebec Region; Canadian Institute of Min. and Met. Vol. II - 1971). The sampler they recommend is attached to the string of rods and ends with a retractable point. When the desired depth is reached the point is retracted and the sampler driven into the material to be sampled. Rod and sampler are then extracted by means of a lift jack. I have enquired from S. Bushby and it looks as though something similar was bought as part of the Cobra equipment, although it was never used (or it never worked). I hope anyway to be able to try it out in the area before getting involved in dozing problems.

Montezuma Area

1. Drilling: MzN- 6 has been completed on the 22nd March at a depth of 422ft (down the hole). The main purpose of the hole was to intersect at depth the jamesonite-pyrite vein, about 70'-80' south east of the southernmost outcrop uncovered by the bulldozer. The only evidence of the vein has been a 10" pyrite intersection at 164' down the hole. The pyrite contains insignificant Sn and Cu. Minor veinlets of galena and sphalerite have been intersected at 57ft, 217ft, 233ft and 386ft down the hole. Thin pyrite veinlets are abundant all over the length of the hole. A routine sampling has shown that no significant Sn mineralisation is associated with the pyrite occurrences. No jamesonite or silver minerals have been observed.

The results of MzN-6 are very disappointing and quite in agreement with those obtained from the additional sampling of MzN-5 and MzN-4 core.

MzN-5 tested the mineralised trend at about 130ft north west of the north outcrop uncovered by the bulldozer. The vein, intersected at 220ft down the hole (corresponding to about 230ft down the projected dip of the vein) was found to have an apparent width of 5ft and to be mainly formed by massive pyrite with minor galena-jamesonite. The assay results show very low Sn and Cu content and insignificant Ag.

MzN-4 was drilled with azimuth 265°, almost perpendicular to the strike of the vein. The target was intersected at 410ft down the hole. The mineralisation was mainly formed by pyrite which assayed, over a width of 6ft 6in., 0.7% Sn, 3.8oz. Ag.

2. A rock geochem traverse has been carried out across the south exposure of the vein, along the road to the MzN-4, 5 and 6 sites. Chip samplws of the country rock have been taken, away from both edges of the vein, every 5ft or 10ft over a total length of 95ft.

The vein has been sampled by progressively chipping fragments across the structure. Since the vein is characterised by distinct bands of different minerals, separate samples of each band have been taken. For the assay reports, refer to the Laboratory Report, Field Sheet No. 007433. A description of the samples is as follows:

Sample A1 (over a width of 1ft). Aggregate of pyrite with minor chalcopyrite-arsenopyrite. Scattered veinlets of jamesonite.

Sample A2 (over a width of 1ft). As above, but with more abundant veinlets of jamesonite.

Sample B (over a width of 1ft 2in.). Band of jamesonite. Scattered patches of grey, shiny mineral (bournonite?).

Sample C1 (over a width of 4in.). Aggregate of pyrite with abundant veinlets of jamesonite (and bournonite?).

Sample C2 (over a width of 7in.). As above, with minor jamesonite.

The vein assayed 4ft 1in., Pb 13.7%; Ag 9.3oz.; Cu 0.9%; Sb 6.5%; Sn 0.27%; Ag 3.12%.

The highest value of Ag is from sample C1 (25.3 oz.). Although tetrehedrite has not been megascopically recognised, the high content of Ag in a sample assaying relatively low Pb (1.12%), some Cu (0.45%), and relatively high As (10.0%) suggests its occurrence (probably as tennantite).

Graphs showing the metals distribution along the traverse are being prepared.

3. Soil sampling survey: Has been carried out from line 36N to line 63N of the Montezuma North grid. The purpose is to screen the VLF anomalies parallel to An. 2 (the one which outlines the jamesonite-pyrite vein occurrence), in order to locate where a similar type of mineralisation might occur in the area

under investigation. 346 samples have been collected and analysed by routine G.R.C. 1 with the addition of G.R.C. 108 for Sb (element used as a pathfinder for this type of mineralisation). The results are being received and will undergo the routine statistical treatment.

4. Conclusions and follow-up work: Mineragraphic studies carried out by McPhar on polished sections from selected samples from the jamesonite-pyrite vein and from the dump of Adit 6 show that a complex assemblage of minerals occurs in this type of mineralisation. Subordinate amounts of covellite, pyrrhotite, cassiterite, tetrahedrite and probably stannite have also been recognised.

Paragenetically this mineral assemblage belongs to the late stage of mineralisation of the Zeehan field (Both and Williams) and their occurrence is considered to be a characteristic of the intermediate-sideropyrite zone.

The assay results seem to show that the silver values are more closely related to copper than to lead. This suggests that most of the silver occurs probably in tetrahedrite. The occasional Sn relatively high values are associated with pyrite (and marcasite?) veins with minor pyrrhotite. They are probably due to occurrence of fine grained cassiterite. The same mineral assemblage occurs in other areas of the Dundas field, a few miles north of our Montezuma prospect, where mining started at the end of the last century. The main prospects were the Ring Valley-Fahlore and the Curtin Davis. The old records and production figures indicate that short, patchy (although occasionally high grade) tetrahedrite-chalcopyrite veinlets were concentrated in mostly pyritic, NNW trending lodes. The production of the Ring Valley-Fahlore mine from 1902 to 1914 is of 2,877 tons of ore with a silver content of 363,000 oz. and copper content of 159 tons.

The results of the drilling in our area, with the very drastic deterioration of Ag and Sn values along the strike and down the dip of the vein, appear to indicate that the mineralisation we are prospecting is of very doubtful economic value, although very interesting from a mineralogic viewpoint. However, before taking a final decision, we need to assess the results of the soil sampling survey and, if feasible, we will carry out the trenching of the vein at 100ft north-west and south-east of the already sampled exposure.

North East and Central Dundas Areas

1. North East

A short report on the geological mapping of the N.E. Dundas area and on the interpretation of the stream sediment survey has already been submitted. Also, the preliminary Turair maps seem to agree that no follow up work is warranted in the area.

2. Central Dundas

A short report with the results of the No. 1 East Crosscut of the South Comet mine has been submitted.

S. Gatehouse has been supplied with all maps and information he needed and will deliver a report on his geochem survey over selected areas of Central Dundas, hopefully early in June.

No development in the Mariposa drilling programme is expected in the immediate future, being the final decision subordinated to the conclusion of the McIntyre investigations.

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613107

E.L.7/68 - Dundas

Summary of immediate follow up work.

A) McIntyre Area

1) Extension of the McIntyre grid (linecutting 2 to 3 days).
2) Geological reconnaissance + V.L.F.-E.M. + soil sampling over new lines (1 geologist + 2 field assistants for 7 days)
3) Reconnaissance in other areas of Turair anomalies?

B) Amber Creek Area

1) Overburden drilling (power auger and/or Cobra) of about 70 holes in a selected portion of the gridded area (2 field assistants + supervision of 1 geologist - duration nor forseeable because dependent on weather and ground conditions)

C) Montezuma Area

1) Interpretation of soil sampling results (1 geologist for 2 days)
2) Trenching of the jamesonite-pyrite vein, if feasible (duration not forseeable)

D) North East Dundas - nil
Central Dundas - nil

Lanfranco Discala

DRAINAGE SEDIMENTS SURVEY IN THE NORTH EAST DUNDAS AREA

INTRODUCTION

A stream sediment survey was carried out in the North East portion of E.L.7/68, Dundas at the beginning of February. The drainage basin of the area under study is formed by the White Spur Creek and its tributaries and can be divided into two parts, the upper, formed by narrow valleys and steep stream gradients and the lower, broad, gently easterly dipping, where swamp conditions prevail. The area is 2.6 square miles and is covered by dense vegetation. Rainfall is about 100 inches per annum over the drainage basin. The streams are perennial, and fast flowing during most of the year.

Taking into account the experience gathered by McIntyre Mines Australia in a similar survey carried out in nearby drainage basins a dense sampling interval was decided upon, and samples were taken from the active channels, away from the banks, at 200ft intervals. Distances were measured by tape and sample locations marked by pegs in the field.

A total of 195 samples was collected and processed at the Zeehan camp. On the basis of the results obtained by an orientation survey, the -80 size mesh was chosen for analysis and airfreighted to the Geophoto Geochemical Laboratory in Brisbane where the samples were analysed for Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1.

TREATMENT OF DATA

The results were statistically treated following the method described by Lepetier (1969). Background, threshold and coefficient of deviation were computed from cumulative

frequency diagrams obtained by plotting the cumulated frequencies of Pb, Cu, and Zn distribution on probability-log graph paper (KE, 2 log cycles).

INTERPRETATION OF RESULTS

The following figures were obtained for the background and threshold levels and for the coefficient of deviation:

	(b = 8 ppm		(b = 77 ppm		(b = 78 ppm
Cu	(t = 25 ppm	Pb	(t = 310 ppm	Zn	(t = 365 ppm
	(s = 0.27		(s = 0.31 ppm		(s = 0.34

From the diagrams d-1, d-2 and d-3 it can be seen that the cumulative frequency lines for Pb and Zn fit within reasonable limite the longitudinal distribution. The Cu line shows instead a negative skew which indicates an excess of low values and can be due (Lepeltier) to inclusion in the population of a low background lithologic unit.

The metal content values for Pb, Zn, and Cu were plotted on individual maps (M-1, M-2, and M-3) at each sample location. The Base map was the 1:5,000 topographic map of E.L.7/68, Dundas. No significant anomalies were identified. A small, low contrast Cu anomaly occurs at the headwaters of a small tributary in the north east portion of the basin, while only a few, erratic, above threshold Pb, Zn values are observable. The distribution of the above-background metal content for these elements seems, however, to define a general northeast trend roughly coinciding with the attitude of the higher background Cambrian volcanics which occur in the area.

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613110

CONCLUSIONS

The lack of significant anomalies in the area under study seems to agree with the preliminary, not encouraging results of the geologic reconnaissance survey and the Turair survey. No evidence suggesting the occurrence of an economical sulfide mineralisation has been found. The area seems to be of no interest and no further work is recommended.

L. DISCALA
April, 1973.

APPENDIX V

037

613112

PROGRESS REPORT 73/7

MONTEZUMA NORTH GEOCHEMICAL SURVEY

JUNE 9, 1973

L. DISCALA

098

613113

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099

613114

ABSTRACT

With the purpose of "screening" the numerous VLF-EM anomalies recorded in the 1971-1972 survey, and of getting a better understanding of the mineralisation pattern after the disappointing but inconclusive results of the drilling, a limited soil geochemical survey and a rock sampling traverse were undertaken in the Montezuma area in April, 1973.

The results show little agreement between VLF-EM and geochemical anomalies, and suggest that graphitic black slate can be the source of most geophysical anomalous indications.

A well defined Sb-Ag anomaly, deserving further attention, has been detected at 250 feet east of the main gossan exposure in the northwest part of the grid.

100

613115

PURPOSE OF THE INVESTIGATION

Geophoto Progress Report No. 73/4 summarised the unresolved problems remaining at the conclusion of the Montezuma drilling. In particular the reliability of the many VLF-EM anomalies outlined in the area is questionable in view of the fact that exposures along the road to diamond drill hole sites Montezuma North numbers 4, 5 and 6 have shown that the attitude of the graphitic, black slates which are a common feature in the area, is close to that of the known mineralised trends. Black slates are highly conductive and yield 'strong' electromagnetic anomalies, particularly when, as in Montezuma, they contain abundant disseminated pyrite. To 'screen' the VLF anomalies as well as to get a better understanding about continuity of the mineralised trends and different types of mineralisation, it was decided to extend the soil sampling to all the grid. Also, a rock geochemical traverse was carried out across the jamesonite-pyrite vein exposed along the road to MzN 4, 5 and 6 sites. The purpose was to define the limits of the primary dispersion and to investigate high Ag values obtained from a random sampling of the vein.

SAMPLING AND ANALYTICAL METHODS

1. Soil Geochemistry

The area is not ideal for a soil survey. The topography is rugged and elevations vary from 1,500 feet to 2,600 feet A.S.L. A considerable distortion of the anomalies is to be expected down the steep slopes. The soil profile is usually well developed but sampling is complicated by the abundant plant debris lying on the ground. 393 samples were taken by hand auger from a depth of 18 inches, from Line 38N to Line 63.23N. The -80 fraction was forwarded to the Brisbane laboratory of Geophoto and analysed by A/A for Cu, Ni, Co, Pb, Zn, Ag and Sb.

2. Rock Geochemistry

The traverse was carried out at an angle of 60° to the vein. Chip samples were taken from both edges of the vein every 5 feet or 10 feet over a total length of 95 feet. The vein was sampled by progressively chipping fragments across the structure. Since the vein is formed by bands of different minerals, separate samples of each band were taken. The composite samples of each band so obtained were crushed and analysed by A/A for Cu, Ni, Co, Pb, Zn, Ag, Sb, As, and Sn.

INTERPRETATION OF RESULTS

1. Soil Sampling

The geochemical data were treated statistically following the Lepeltier method. Cumulative frequency distribution graphs were constructed for Cu, Sb, Zn and Pb, and have been included in this report. Due to the high number of BLD values obtained, it was not possible to set a suitable number of class intervals for Ag. For Pb, the inclusion of different background populations yielded a complex distribution curve, and the computation of the threshold value is to be considered approximate. Background and threshold values are listed below.

Zn	b	=	36 p.p.m.	t	=	235 p.p.m.
Cu	b	=	17 p.p.m.	t	=	70 p.p.m.
Pb	b	=	66 p.p.m.	t	=	100 p.p.m.
Sb	b	=	B.L.D.	t	=	21 p.p.m.

(Refer to Tables 1, 2, 3 and 4)

Montezuma North Grid - Soil Geochemistry
(Antimony)

613117

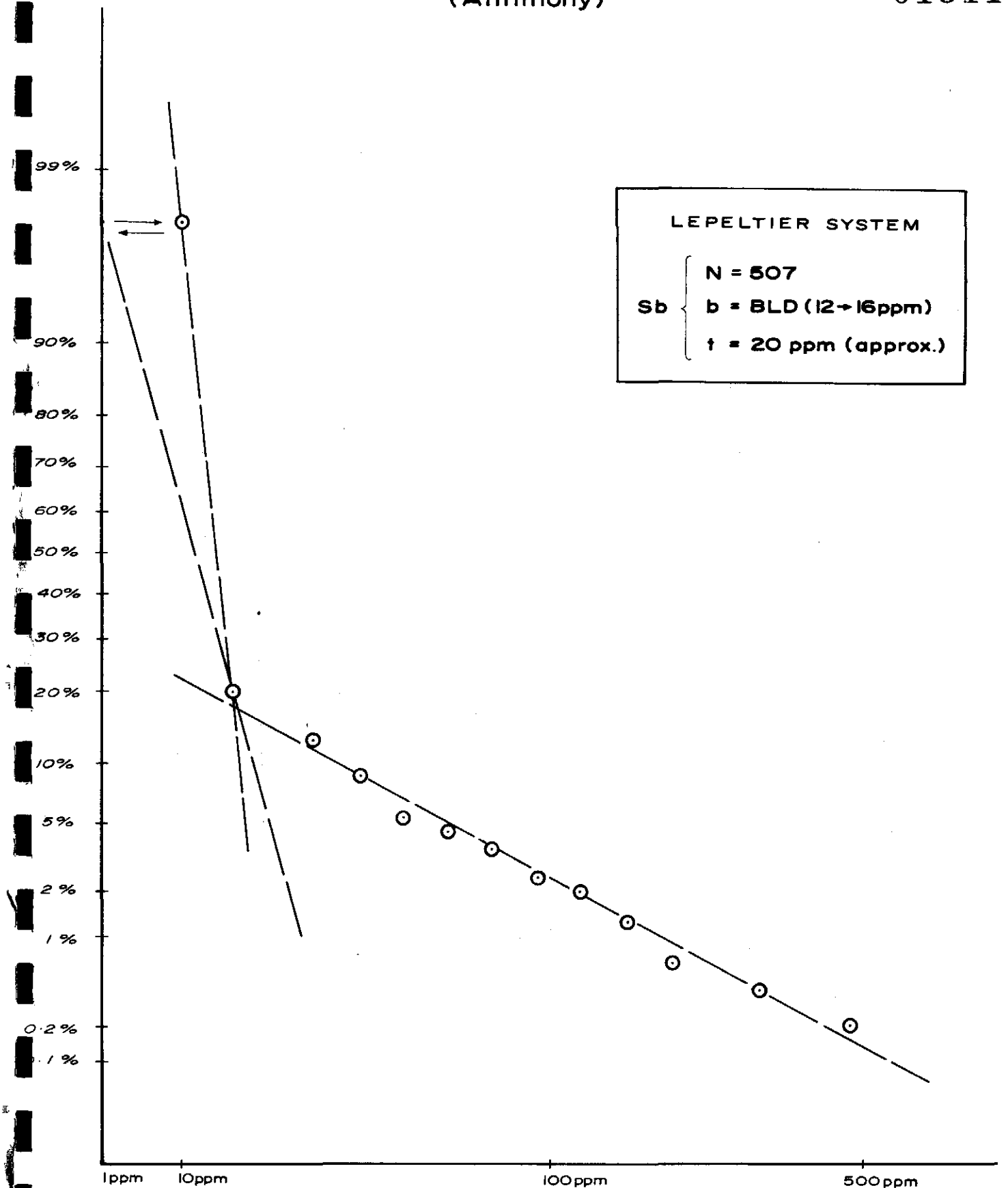
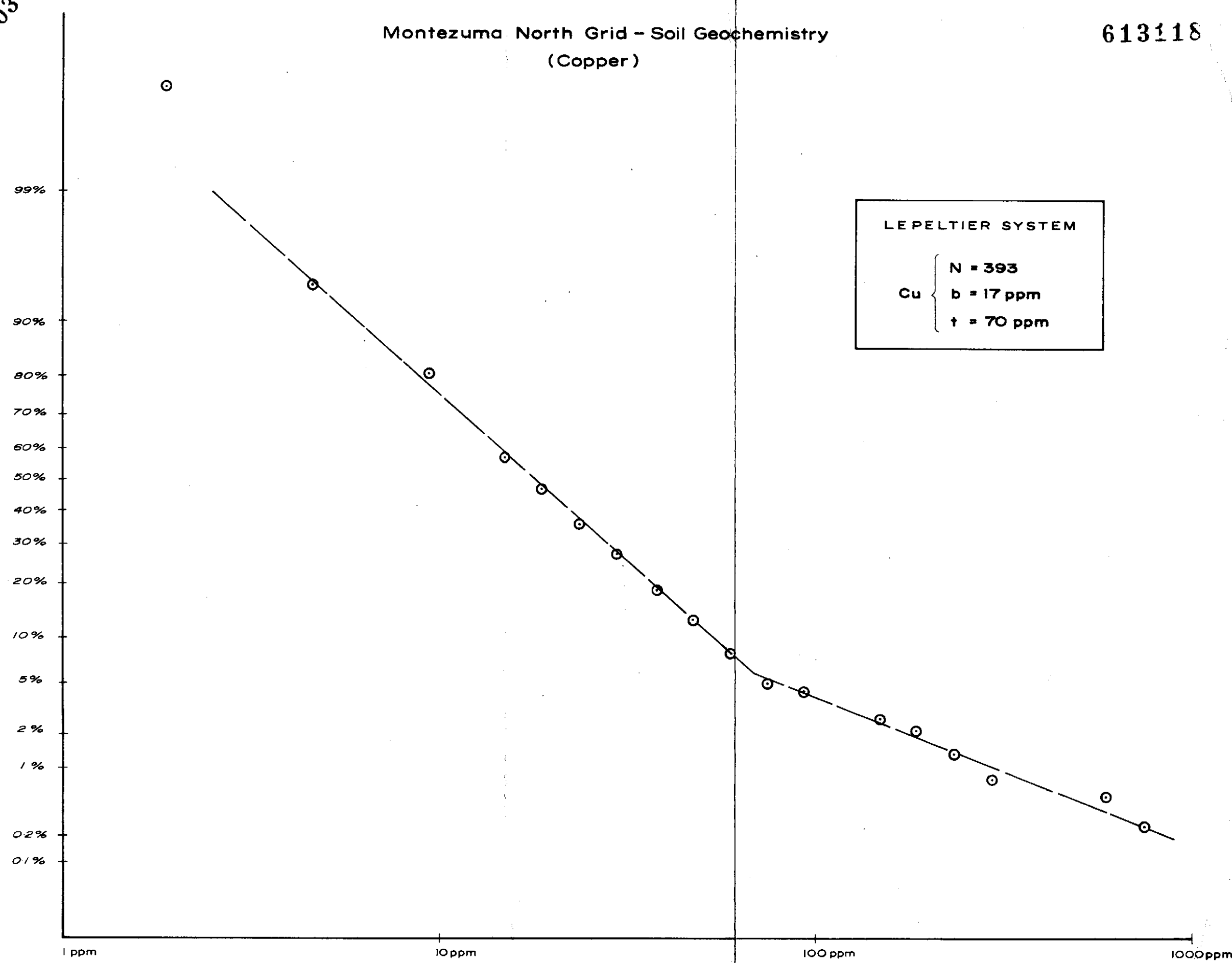


TABLE I

Montezuma North Grid – Soil Geochemistry
(Copper)

613118

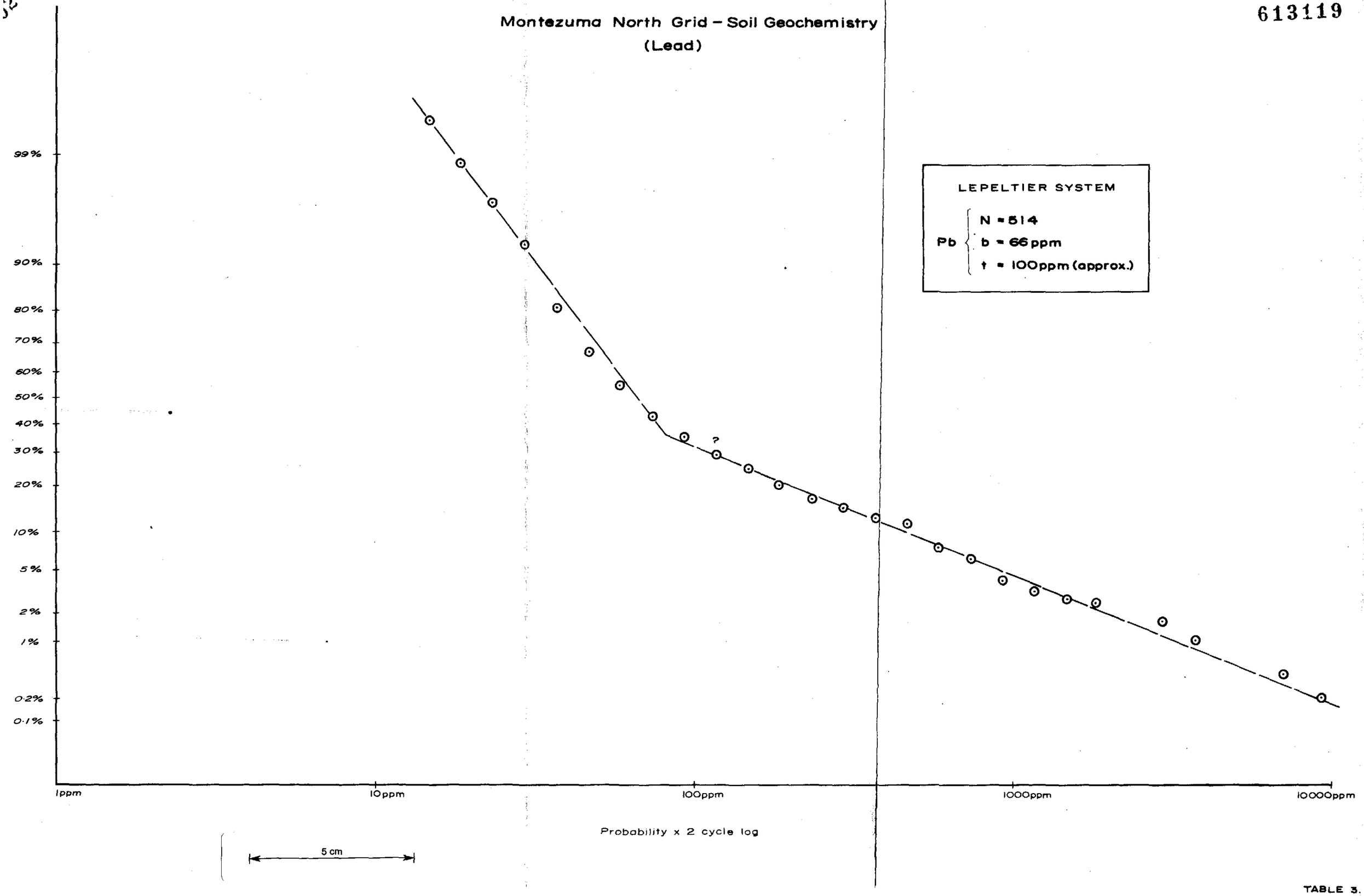


LEPELTIER SYSTEM

Cu { N = 393
b = 17 ppm
t = 70 ppm

TABLE 2.

Montezuma North Grid – Soil Geochemistry
(Lead)



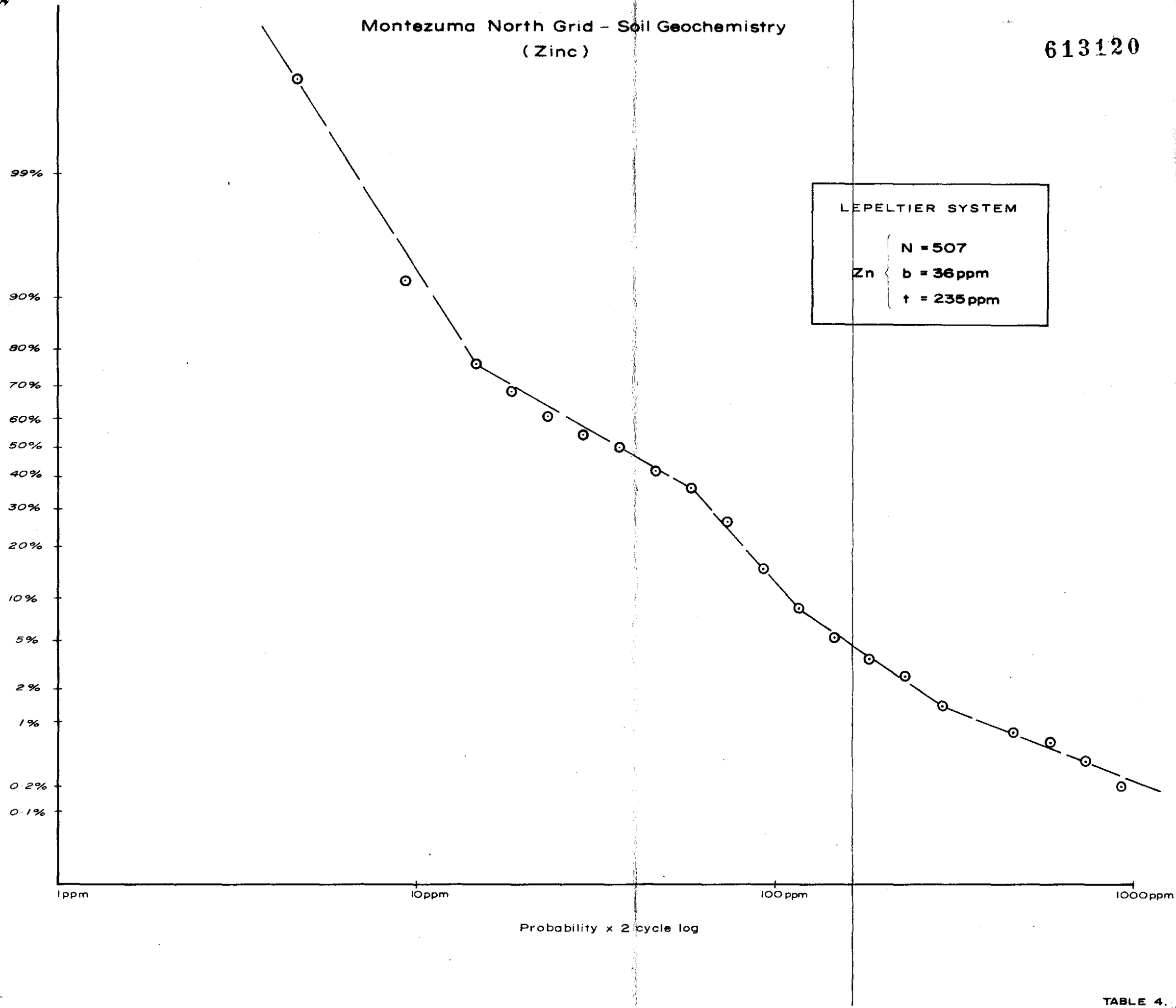
LEPELTIER SYSTEM

Pb { N = 514
b = 66 ppm
t = 100ppm (approx.)

TABLE 3.

613120

Montezuma North Grid – Soil Geochemistry
(Zinc)



LEPELTIER SYSTEM

Zn { N = 507
b = 36ppm
t = 235ppm

TABLE 4.

The data were plotted on 1 inch = 100 feet maps of the Montezuma grid. The above-threshold values were contoured at suitable intervals to show the dispersion patterns. The best defined anomalies are located in the central part of the area, from Line 38N to Line 47.5N. North of this section only minor, low contrast anomalies occur.

The area surrounding the jamesonite-pyrite vein was not sampled in detail because of expected contamination from the road. However, the limited data collected were sufficient to indicate that the anomaly lacks continuity along strike which agrees with the results of the drilling. A prominent anomalous area occurs at about 400 feet southwest of the jamesonite-pyrite vein, between Lines 38N to 45.7N, from 4E to 5W. In this area Pb, Cu, Sb and Ag anomalies are, in part, superimposed and seem to indicate the occurrence of several mineralised trends. The gossan, which occurs in the west part of the area, is enriched in Pb (up to 1.86%) and Cu (up to 640 p.p.m.), but the broad Pb anomaly seems to be only in part related to it. At 250 feet east of the gossan outcrop, a well defined Sb anomaly occurs, partially overlapped by Pb, Cu and Ag anomalies. This anomaly is considered to be the response of an independent mineralised trend, unrelated to the gossan and formed by the same minerals assemblage of the jamesonite-pyrite vein. The 200 p.p.m. shows a northwest trend. The peak value is at 370 p.p.m. (17 times the threshold). At the north end, the anomaly fans out down the slope and overlaps the gossan area.

(Refer to Drawings B366 - B371).

2. Rock Sampling

Descriptions of the vein samples are as follow:

Sample A1 - over a width of 1 foot - aggregate of pyrite with minor chalcopyrite; scattered veinlets of jamesonite

Sample As - over a width of 1 foot - as above, but with more abundant veinlets of jamesonite

Sample B - over a width of 1ft 2in. - band of jamesonite

Sample C1 - over a width of 4in. - pyrite with abundant veinlets of jamesonite

Sample C2 - over a width of 7in. - as above, but with fewer jamesonite veinlets

The vein assayed:

4ft 1in. - Pb 13.7%, Cu 0.9%, Sb 6.5%
Sn 0.27%, As 3.12%, Ag 9.3oz.

The highest value of Ag is from sample C1 - 25.3oz. Although tetrahedrite has not been megascopically observed, the high content of Ag in a sample assaying low content of Pb (1.12%), high of Cu (0.45%) and high of As (10.0%) suggests its occurrence, probably as the As-rich variety tennantite.

The highest Sn value was obtained from sample As. In this sample fine grained cassiterite is thought to be associated with the pyrite but was not megascopically observed.

The dispersion patterns of Pb, Sb, Ag, Cu, Sn and As are shown on Tables 1, 2, 3, 4, 5 and 6. The Ag and Cu values diminish to background levels within 5 feet of the hanging wall and 15 feet of the footwall of the vein. Pb, As and Sb show a more complex pattern because of the occurrence of minor mineralised trends parallel to the vein. The Sn dispersion pattern

shows several anomalously high values beyond the edges of the jamesonite-pyrite vein. This is due to the fact that Sn is associated with pyrite, and pyrite veinlets, parallel to the main vein, are abundant.

(Refer to Tables 5 - 10).

CONCLUSIONS

1. Most VLF-EM anomalies are not in agreement with the geochemical anomalies. They are interpreted as the response of north-northwest trending black slates of the Oonah formation.

2. The occurrence of tetrahedrite associated with the jamesonite-pyrite vein is perhaps the source of the locally high Ag values. This would agree with what was found further north in the old Curtin Davis and Falhore prospects.

3. Testing of the north end of the gossan by an early Diamond Drill Hole (Montezuma North 2) revealed a very minor galena-sphalerite mineralisation. A 3 inch wide galena veinlet has been uncovered by the bulldozer along the road to MzN3 site. To date there is no reason to believe that the mineralisation might become more interesting further south.

4. The Sb-Ag anomaly east of the gossan is interpreted as a new mineralised trend, formed by the same mineral assemblage observed in the vein tested by MzN 4, 5 and 6. The associated Ag anomaly shows a peak value of 30 p.p.m. Pb values are above 2,000 p.p.m. Such high metal content probably indicates the occurrence of gossanous material not observed while mapping the area. Odds are probably in favour of another instance of irregular, patchy mineralisation. However, the high contrast of the anomaly and in particular the high Ag values, suggests that further investigation may be desirable.

613124

RECOMMENDATIONS

1. No further work is warranted in the area of the exposed jamesonite-pyrite vein. The sub-economic nature of the mineralisation has been confirmed by the geochemical survey.

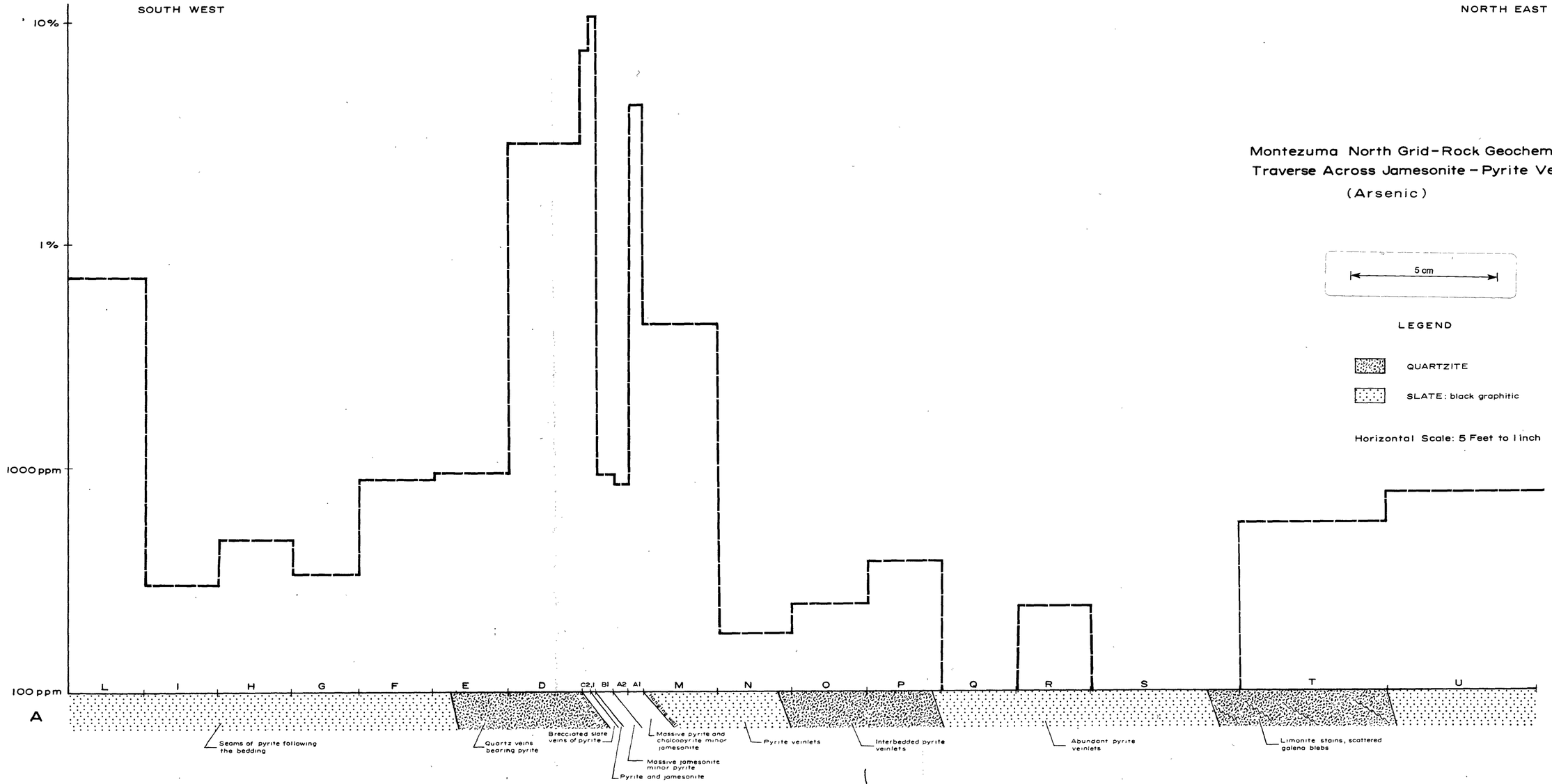
2. Trenches should be dug across the mineralised trend outlined by the Sb anomaly. The trenching of the area (from Line 41N to 43N) should not involve any problem, since the road is very close. However, the well known adverse weather and ground conditions, and previous experience, do not permit an accurate forecast for the duration of the work.

Lanfranco Discala
June 9th, 1973

SOUTH WEST

NORTH EAST

613125



Montezuma North Grid – Rock Geochemistry
Traverse Across Jamesonite – Pyrite Vein
(Arsenic)

5 cm

LEGEND

QUARTZITE

SLATE: black graphitic

Horizontal Scale: 5 Feet to 1 inch

TABLE 5

112

112

SOUTH WEST

NORTH EAST

613126

10%

1%

1000 ppm

100 ppm

Montezuma North Grid - Rock Geochemistry
Traverse Across Jamesonite - Pyrite Vein
(Lead)

5 cm

LEGEND

QUARTZITE

SLATE : black graphitic

Horizontal Scale: 5 Feet to 1 inch

L I H G F E D C2,1 B1 A2 A1 M N O P Q R S T U

A

A'

Seams of pyrite following the bedding

Quartz veins bearing pyrite

Brecciated slate veins of pyrite

Pyrite and jamesonite

Massive jamesonite minor pyrite

Massive pyrite and chalcopyrite minor jamesonite

Pyrite veinlets

Interbedded pyrite veinlets

Abundant pyrite veinlets

Limonite stains, scattered galena blebs

TABLE 6.

613127

SOUTH WEST

NORTH EAST

10%

1%

1000 ppm

100 ppm

L I H G F E D C2 I BI A2 AI M N O P Q R S T U

A

A'

Seams of pyrite following the bedding

Quartz veins bearing pyrite

Brecciated slate veins of pyrite

Massive pyrite and chalcopyrite minor jamesonite

Massive jamesonite minor pyrite

Pyrite and jamesonite

Pyrite veinlets

Interbedded pyrite veinlets

Abundant pyrite veinlets

Limonite stains, scattered galena blebs

Montezuma North Grid - Rock Geochemistry
Traverse Across Jamesonite - Pyrite Vein
(Copper)

5 cm

LEGEND

QUARTZITE

SLATE: black graphitic

Horizontal Scale: 5 Feet to 1 inch

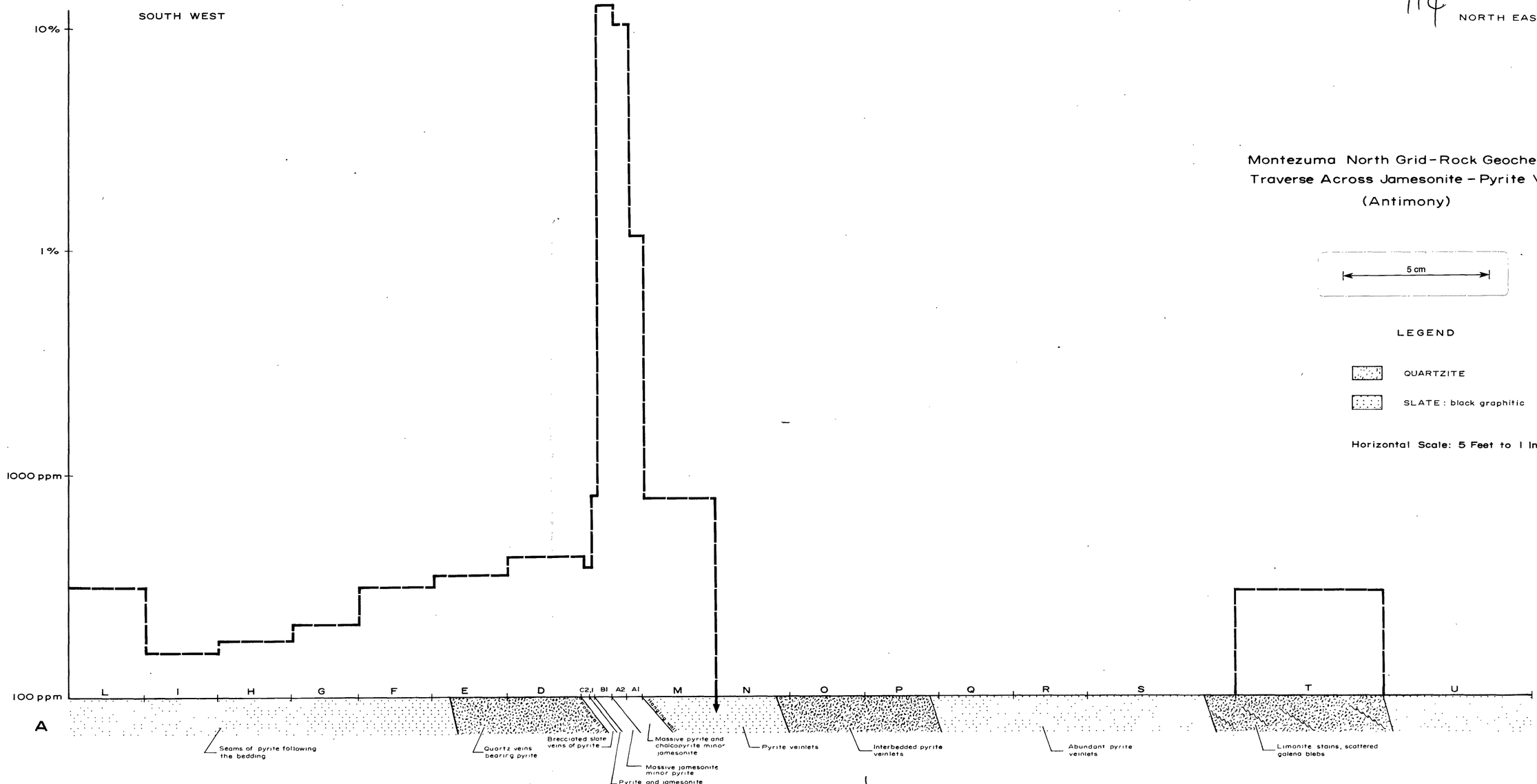
TABLE 7.

114

SOUTH WEST

114 NORTH EAST

613128



Montezuma North Grid - Rock Geochemistry
Traverse Across Jamesonite - Pyrite Vein
(Antimony)

5 cm

LEGEND

QUARTZITE

SLATE : black graphitic

Horizontal Scale: 5 Feet to 1 Inch

TABLE 8.

115

SOUTH WEST

NORTH EAST 115

613129

Montezuma North Grid - Rock Geochemistry
Traverse Across Jamesonite - Pyrite Vein
(Silver)

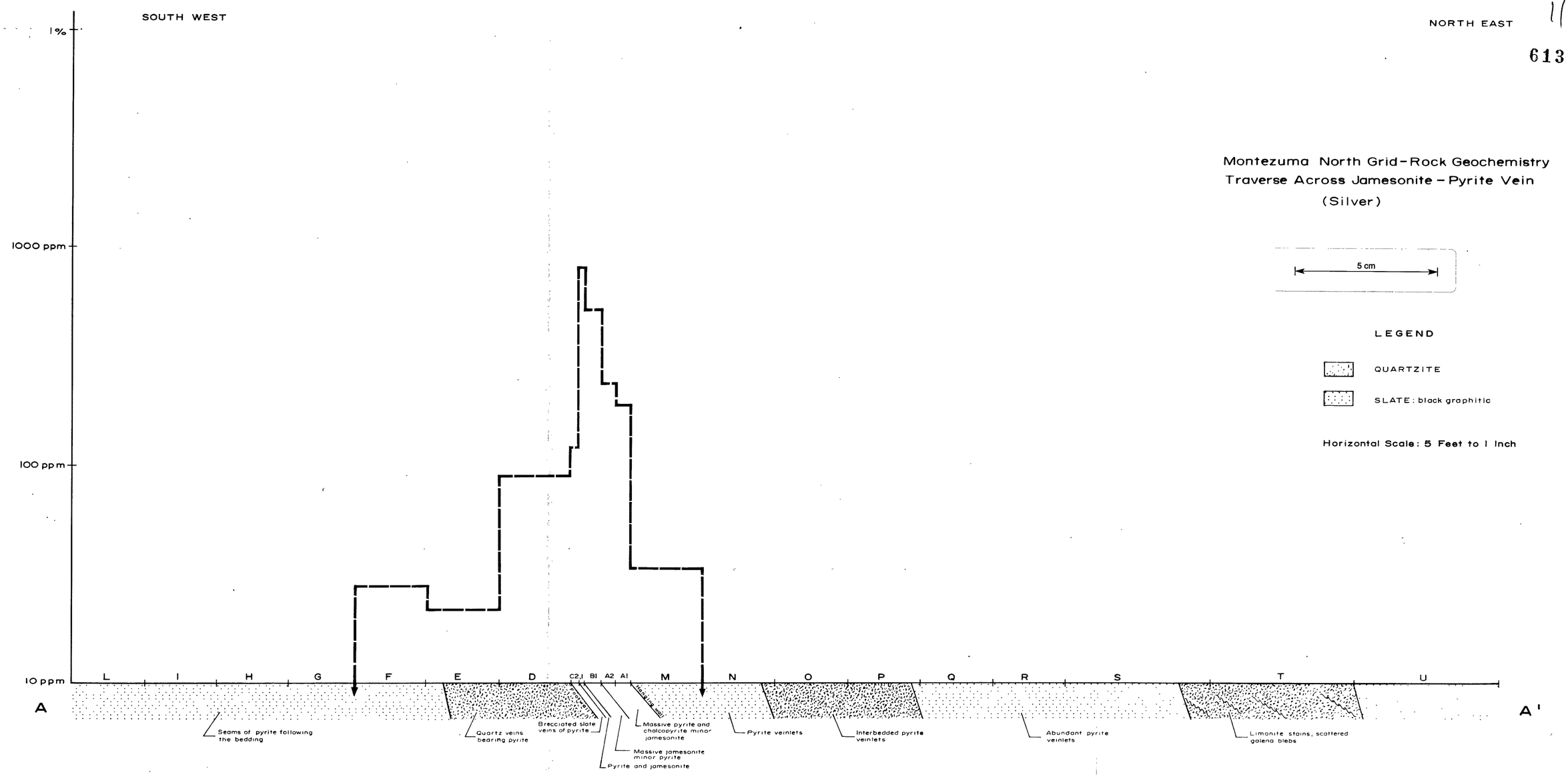


TABLE 9.

116

116

SOUTH WEST

NORTH EAST

613130

Montezuma North Grid - Rock Geochemistry
Traverse Across Jamesonite - Pyrite Vein
(Tin)

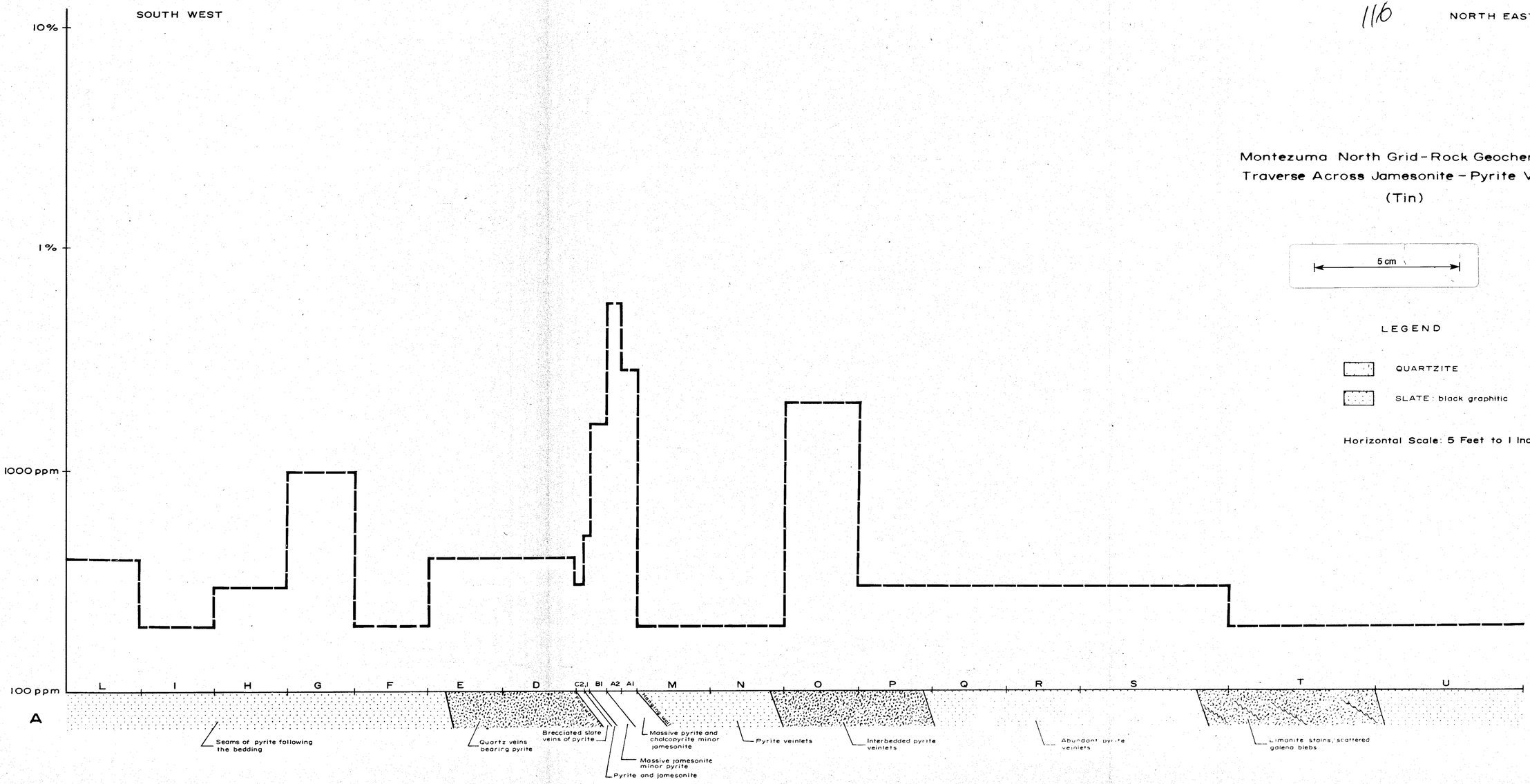


TABLE 10.

130

613131

GEOCHEMICAL LABORATORY REPORTS

Sheets Nos. 1319/1-2
1317/1
1321/1-5
1323/1-5
1324/1-2
1326/1-3
1327/1-3

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613132

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Roma Street, Brisbane 4000
Telephone 21 3875

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007433 PROJECT No.: EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No.: 1319/1 SAMPLE TYPE: ROCK DATE: 27th April, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm	As ppm
MZ A1 *	73-D-651	1080			1.64%	0.36%	190	1.12%	4.0%
MZ A2 *	73-D-652	1.02%			12.0%	250	240	10.7%	0.82%
MZ B1 *	73-D-653	2.08%			33.6%	170	520	12.0%	900
MZ C1 *	73-D-654	0.44%			1.12%	420	810	0.80%	10.0%
MZ C2 *	73-D-655	920			0.64%	120	140	0.39%	7.4%
MZ D	73-D-656	1000	30	15	0.68%	90	45	0.42%	2.7%
MZ E	73-D-657	180	35	10	960	70	22	350	920
MZ F	73-D-658	125	65	20	430	70	26	310	890
MZ G	73-D-659	35	50	30	385	45	7	110	340
MZ H	73-D-660	30	50	20	185	35	6	80	470
MZ I	73-D-661	25	60	20	130	30	5	60	300
MZ L	73-D-662	70	20	10	1500	45	3	310	1700
MZ M	73-D-663	440	35	10	0.20%	35	24	770	1420
MZ N	73-D-664	25	45	20	180	15	3	40	180
MZ O	73-D-665	20	20	5	190	15	6	60	240
MZ P	73-D-666	25	50	30	235	25	6	50	370
MZ Q	73-D-667	25	30	15	180	15	9	70	100
MZ R	73-D-668	30	30	20	225	15	10	70	240
MZ S	73-D-669	20	35	10	335	20	3	BLD	80
MZ T	73-D-670	20	5	BLD	1550	30	10	300	560
MZ U	73-D-671	10	30	10	110	20	1	BLD	760

METHODS: Cu, Ni, Co, Pb, Zn, Ag by GRC NO. 1
* Cu, Pb, Ag by GRC NO. 101
Sb by GRC NO. 6
* Sb by GRC NO. 108
As by GRC NO. 3

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

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613133

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CHEMICAL LAB...
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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007433 PROJECT No.: EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No.: 1319/2 SAMPLE TYPE: ROCK DATE: 27th April, 1973

SAMPLE No.	LAB. No.	Sn %	Sn* ppm
MZ A1	73-D-651	0.10	0.28
MZ A2	73-D-652	0.10	0.55
MZ B1	73-D-653	0.06	0.16
MZ C1	73-D-654	0.04	
MZ C2	73-D-655	0.03	
MZ D	73-D-656	0.04	
MZ E	73-D-657	0.04	
MZ F	73-D-658	0.02	
MZ G	73-D-659	0.08	0.11
MZ H	73-D-660	0.06	0.03
MZ I	73-D-661	0.02	
MZ L	73-D-662	0.04	
MZ M	73-D-663	0.06	0.02
MZ N	73-D-664	0.02	
MZ O	73-D-665	0.10	0.20
MZ P	73-D-666	0.03	
MZ Q	73-D-667	0.03	
MZ R	73-D-668	0.03	
MZ S	73-D-669	<0.02	
MZ T	73-D-670	0.02	
MZ U	73-D-671	0.02	

METHODS: Sn by GRC NO. 5
* Sn by GRC NO. 105

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Chief Chemist

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61134

4

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Telephone 21 3875

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007437 PROJECT No.: EL.7 68 - MONTEZUMA NORTH

LAB. SHEET No.: 1317/1 SAMPLE TYPE: SOIL DATE: 27th April, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm
42N + 0.5E	73-D-737	10	BLD	BLD	710	15	BLD	50
42N + 1.5E	73-D-738	235	BLD	BLD	0.22%	20	30	370
42N + 2.0E	73-D-739	BLD	BLD	BLD	210	2	8	40
42N + 3.5E	73-D-740	BLD	BLD	BLD	60	5	BLD	BLD
42N + 5.5E	73-D-741	15	35	10	55	40	BLD	BLD
42N + 2.0W	73-D-742	2	BLD	BLD	180	15	BLD	BLD
42N + 3.0W	73-D-743	30	10	30	1.0%	360	6	20
42N + 5.0W	73-D-744	BLD	5	BLD	295	10	BLD	BLD
42N + 5.5W	73-D-745	40	BLD	BLD	315	25	BLD	20
42N + 9.5W	73-D-746	10	5	BLD	160	15	BLD	BLD
42N +10.5W	73-D-747	2	BLD	BLD	125	20	BLD	BLD
42N +11.5W	73-D-748	10	10	BLD	50	20	BLD	BLD
44N + 0.5W	73-D-749	BLD	BLD	BLD	865	15	7	170
44N + 3.0E	73-D-750	10	5	BLD	190	20	BLD	20
44N + 4.0E	73-D-751	20	10	10	140	60	BLD	BLD
45.7N + 0.5W	73-D-752	10	BLD	BLD	895	15	1	130
45.7N + 2.5W	73-D-753	10	BLD	BLD	1150	20	3	40
45.7N + 1.0W	73-D-754	2	BLD	BLD	375	10	BLD	60
45.7N + 4.0W	73-D-755	200	80	30	1350	470	4	120

INSUFFICIENT SAMPLE FOR ARSENIC DETERMINATION

METHODS: Cu, Ni, Co, Pb, Zn, Ag by GRC NO. 1
Sb by GRC NO. 8

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for Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007441/2/3 PROJECT No.: EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No.: 1321/1 SAMPLE TYPE: SOIL PROF. DATE: 2nd May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm
38N + 8.0E	73-E-137	20	95	20	50	255	1	20
38N + 5.5E	73-E-138	5	40	5	35	155	1	BLD
38N + 5.0E	73-E-139	5	20	BLD	105	80	1	BLD
38N + 3.5E	73-E-140	BLD	10	BLD	70	50	1	BLD
38N + 2.0E	73-E-141	BLD	10	BLD	215	40	2	BLD
38N + 0.5E	73-E-142	10	10	5	85	55	1	BLD
38N + 0.5W	73-E-143	10	10	10	110	75	BLD	BLD
40N + 8.0E	73-E-144	150	80	75	65	220	1	BLD
40N + 6.5E	73-E-145	25	50	40	60	105	BLD	BLD
40N + 2.5E	73-E-146	2	5	BLD	75	25	BLD	BLD
42N + 5.25E	73-E-147	15	40	10	30	65	BLD	BLD
42N + 4.75E	73-E-148	35	20	5	80	45	BLD	BLD
44N + 2.75E	73-E-149	5	10	BLD	100	30	1	BLD
47.5N+10.5E	73-E-150	15	35	20	65	75	BLD	BLD
47.5N+ 9.5E	73-E-151	20	35	20	50	85	BLD	BLD
47.5N+ 8.5E	73-E-152	20	45	25	60	80	BLD	BLD
47.5N+ 8.0E	73-E-153	15	40	15	35	70	1	BLD
47.5N+ 7.5E	73-E-154	35	55	40	90	120	1	BLD
47.5N+ 7.0E	73-E-155	45	65	35	70	110	1	BLD
47.5N+ 6.5E	73-E-156	30	30	20	65	85	BLD	BLD
47.5N+ 6.0E	73-E-157	15	15	10	45	45	BLD	BLD
47.5N+ 5.5E	73-E-158	20	20	10	40	50	BLD	BLD
47.5N+ 5.0E	73-E-159	15	15	10	90	55	1	BLD
47.5N+ 3.5E	73-E-160	10	5	BLD	50	50	BLD	BLD
47.5N+ 3.0E	73-E-161	10	5	BLD	115	35	1	DLD
47.5N+ 2.5E	73-E-162	40	5	BLD	620	25	8	40
47.5N+ 2.0E	73-E-163	10	BLD	BLD	340	20	4	BLD
47.5N+ 1.5E	73-E-164	10	BLD	BLD	530	25	2	BLD
47.5N+ 1.0E	73-E-165	BLD	BLD	BLD	80	15	BLD	BLD
45.7N+ 7.25E	73-E-166	40	65	50	50	100	1	BLD

METHODS: Cu, Ni, Co, Pb, Zn, Ag by GRC NO. 1
Sb by GRC NO. 8

X = Insufficient Sample
Insufficient sample for arsenic det.

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007441/2/3 PROJECT No.: EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No.: 1321/2 SAMPLE TYPE: SOIL PROF. DATE: 2nd May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm
45.7N+6.25E	73-E-167	20	30	25	50	80	BLD	BLD
45.7N+5.25E	73-E-168	10	25	15	95	75	BLD	BLD
45.7N+4.75E	73-E-169	40	80	50	150	215	1	BLD
45.7N+4.25E	73-E-170	20	10	10	115	105	1	BLD
45.7N+3.75E	73-E-171	10	5	BLD	140	40	1	BLD
45.7N+3.25E	73-E-172	BLD	5	BLD	55	10	1	BLD
45.7N+2.75E	73-E-173	BLD	BLD	BLD	125	15	1	BLD
45.7N+1.75E	73-E-174	10	BLD	BLD	245	20	5	20
45.7N+0.75E	73-E-175	15	BLD	5	420	55	2	20
45.7N+0.25E	73-E-176	50	25	20	910	65	10	540
60E +45.0W	73-E-177	BLD	BLD	BLD	505	10	5	60
60E +45.5W	73-E-178	BLD	BLD	BLD	475	10	3	90
60E +46.0W	73-E-179	15	5	BLD	305	15	1	BLD
60E +46.5W	73-E-180	50	25	20	640	105	4	30
60E +47.5W	73-E-181	BLD	BLD	BLD	390	10	3	80
60E +48.0W	73-E-182	BLD	BLD	BLD	150	15	BLD	BLD
60E +48.5W	73-E-183	BLD	BLD	BLD	80	10	BLD	BLD
60E +49.0W	73-E-184	BLD	BLD	BLD	80	10	BLD	BLD
49.7N+ 0.5W	73-E-185	BLD	BLD	BLD	140	10	1	BLD
49.7N+ 0.5E	73-E-186	BLD	5	BLD	110	15	BLD	BLD
49.7N+ 1.5E	73-E-187	BLD	BLD	BLD	115	15	BLD	BLD
49.7N+ 1.0E	73-E-188	BLD	BLD	BLD	85	10	BLD	BLD
49.7N+ 2.0E	73-E-189	BLD	BLD	BLD	75	20	1	BLD
49.7N+ 3.0E	73-E-190	BLD	BLD	BLD	5	5	BLD	BLD
49.7N+ 4.0E	73-E-191	BLD	BLD	BLD	10	5	BLD	BLD
49.7N+ 4.5E	73-E-192	5	5	5	35	10	BLD	BLD
49.7N+ 5.0E	73-E-193	35	60	25	60	95	BLD	BLD
49.7N+ 5.5E	73-E-194	30	20	15	45	55	BLD	BLD
49.7N+ 6.0E	73-E-195	20	20	25	115	70	1	BLD
49.7N+ 6.5E	73-E-196	15	35	30	40	65	1	BLD

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007441/2/3 PROJECT No.: EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No.: 1321/3 SAMPLE TYPE: SOIL PROF. DATE: 2nd May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm
49.7N+6.85E	73-E-197	10	40	45	60	85	BLD	BLD
49.7N+ 2.5E	73-E-198	BLD	BLD	BLD	35	15	BLD	BLD
49.7N+ 3.5E	73-E-199	BLD	5	BLD	30	10	BLD	BLD
60E +46.5N	73-E-200	BLD	BLD	BLD	220	20	2	X
60E +47.0N	73-E-201	10	BLD	BLD	290	40	2	X
60E +49.5N	73-E-202	2	BLD	BLD	180	10	1	BLD
60E +49.7N	73-E-203	BLD	5	BLD	135	5	BLD	BLD
45.7N+5.75E	73-E-204	15	20	20	55	65	BLD	BLD
45.7N+6.75E	73-E-205	30	50	40	80	110	1	BLD
45.7N+ 0.5E	73-E-206	BLD	BLD	BLD	250	20	BLD	BLD
45.7N+ 4.5E	73-E-207	15	10	20	90	45	1	BLD
45.7N+ 9.0E	73-E-208	30	55	50	75	120	1	BLD
45.7N+10.0E	73-E-209	10	35	25	75	80	1	BLD
45.7N+11.0E	73-E-210	10	30	20	80	75	BLD	BLD
49.7N+ 1.0W	73-E-211	25	30	20	230	95	1	BLD
49.7N+ 1.5W	73-E-212	2	5	BLD	35	15	BLD	BLD
49.7N+ 2.0W	73-E-213	2	BLD	5	30	15	BLD	BLD
49.7N+ 2.5W	73-E-214	BLD	BLD	BLD	30	5	BLD	BLD
49.7N+ 3.0W	73-E-215	BLD	BLD	BLD	25	10	BLD	BLD
49.7N+ 3.5W	73-E-216	BLD	BLD	BLD	35	5	BLD	BLD
49.7N+ 4.0W	73-E-217	BLD	BLD	BLD	35	10	BLD	BLD
49.7N+ 4.5W	73-E-218	BLD	BLD	BLD	40	10	BLD	BLD
49.7N+ 5.0W	73-E-219	BLD	BLD	BLD	25	10	BLD	BLD
49.7N+ 6.5W	73-E-220	BLD	BLD	BLD	45	5	BLD	BLD
49.7N+ 7.5W	73-E-221	10	BLD	BLD	70	10	BLD	BLD
49.7N+ 8.5W	73-E-222	15	10	15	70	45	BLD	BLD
49.7N+ 9.5W	73-E-223	BLD	BLD	BLD	35	15	BLD	BLD
49.7N+10.0W	73-E-224	BLD	BLD	BLD	25	10	BLD	BLD
49.7N+11.5W	73-E-225	BLD	10	10	40	25	BLD	BLD
53.6N+11.9W	73-E-226	30	25	30	345	175	1	BLD

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007441/2/3 PROJECT No.: EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No.: 1321/4 SAMPLE TYPE: SOIL PROF. DATE: 2nd May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm
53.6N+11.5W	73-E-227	35	30	45	350	185	1	30
53.6N+10.5W	73-E-228	BLD	BLD	BLD	35	10	BLD	BLD
53.6N+10.0W	73-E-229	BLD	BLD	BLD	20	5	BLD	BLD
53.6N+ 9.0W	73-E-230	5	5	BLD	55	10	BLD	BLD
53.6N+ 8.0W	73-E-231	BLD	BLD	BLD	30	5	BLD	BLD
53.6N+ 7.5W	73-E-232	BLD	BLD	BLD	30	BLD	BLD	BLD
53.6N+ 5.5W	73-E-233	BLD	BLD	BLD	30	5	BLD	BLD
53.6N+ 5.0W	73-E-234	BLD	BLD	BLD	30	5	BLD	BLD
53.6N+ 4.5W	73-E-235	BLD	BLD	BLD	45	5	BLD	BLD
53.6N+ 4.0W	73-E-236	BLD	BLD	BLD	55	5	BLD	BLD
53.6N+ 3.5W	73-E-237	BLD	BLD	BLD	70	5	BLD	BLD
53.6N+ 3.0W	73-E-238	BLD	BLD	BLD	95	5	1	BLD
53.6N+ 2.5W	73-E-239	BLD	BLD	BLD	170	5	1	BLD
53.6N+ 2.0W	73-E-240	BLD	BLD	BLD	155	10	BLD	BLD
53.6N+ 1.5W	73-E-241	BLD	BLD	BLD	40	5	BLD	BLD
53.6N+ 1.0W	73-E-242	5	BLD	BLD	45	10	1	BLD
53.6N+ 0.5W	73-E-243	BLD	BLD	BLD	30	15	BLD	BLD
53.6N+ 2.0E	73-E-244	5	10	BLD	50	20	BLD	BLD
53.6N+ 2.5E	73-E-245	10	15	BLD	65	30	BLD	BLD
53.6N+ 3.5E	73-E-246	20	20	15	85	50	BLD	BLD
53.6N+ 5.5E	73-E-247	10	40	20	75	70	BLD	BLD
60E +53.6N	73-E-248	20	10	20	125	55	1	BLD
60E +55.26N	73-E-249	2	5	BLD	190	30	1	BLD
60E +57.2N	73-E-250	BLD	BLD	BLD	40	15	BLD	BLD
55.26N+10.0W	73-E-251	BLD	BLD	20	20	10	BLD	BLD
55.26N+ 9.5W	73-E-252	BLD	BLD	BLD	20	10	BLD	BLD
55.26N+ 9.0W	73-E-253	BLD	5	BLD	60	10	BLD	BLD
55.26N+ 8.5W	73-E-254	BLD	BLD	BLD	15	10	BLD	BLD
55.26N+ 7.5W	73-E-255	BLD	BLD	BLD	25	5	BLD	BLD
55.26N+ 7.0W	73-E-256	BLD	BLD	BLD	25	5	BLD	BLD

METHODS:

NATA

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Chief Chemist Ray W. Lindgren

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007441/2/3 PROJECT No.: EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No.: 1321/5 SAMPLE TYPE: SOIL PROF. DATE: 2nd May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm
55.26N+ 6.0W	73-E-257	5	BLD	BLD	45	10	BLD	BLD
55.26N+ 5.5W	73-E-258	BLD	BLD	BLD	35	10	BLD	BLD
55.26N+ 5.0W	73-E-259	BLD	5	BLD	30	10	BLD	BLD
55.26N+ 2.5W	73-E-260	BLD	BLD	BLD	40	10	BLD	BLD
55.26N+ 7.5E	73-E-261	20	50	20	35	75	BLD	BLD
55.26N+ 6.5E	73-E-262	15	40	25	50	100	BLD	BLD
55.26N+ 5.0E	73-E-263	20	50	25	55	90	BLD	BLD
55.26N+ 4.0E	73-E-264	95	155	40	40	125	1	BLD
57.2N + 0.5W	73-E-265	10	5	BLD	35	20	1	BLD
57.2N + 1.0W	73-E-266	BLD	BLD	BLD	40	15	BLD	BLD
57.2N + 2.0W	73-E-267	BLD	5	BLD	45	10	1	BLD
57.2N + 2.5W	73-E-268	BLD	BLD	BLD	25	5	BLD	BLD
57.2N + 3.0W	73-E-269	BLD	BLD	BLD	25	BLD	BLD	BLD
57.2N + 3.5W	73-E-270	BLD	BLD	BLD	30	5	BLD	BLD
57.2N + 4.0W	73-E-271	BLD	BLD	BLD	45	5	BLD	BLD
57.2N + 4.5W	73-E-272	BLD	BLD	BLD	55	10	BLD	BLD
57.2N + 5.0W	73-E-273	BLD	BLD	BLD	60	5	1	BLD
57.2N + 5.5W	73-E-274	BLD	BLD	BLD	30	5	BLD	BLD
57.2N + 6.0W	73-E-275	BLD	5	BLD	35	BLD	BLD	BLD
57.2N + 0.5E	73-E-276	10	10	10	60	25	BLD	BLD
57.2N + 1.0E	73-E-277	10	20	10	40	20	BLD	BLD
57.2N + 3.0E	73-E-278	50	80	35	70	90	1	BLD
57.2N + 3.5E	73-E-279	30	50	30	95	85	1	X
57.2N + 4.0E	73-E-280	30	45	25	80	75	1	BLD
57.2N + 5.0E	73-E-281	10	20	10	95	40	BLD	BLD
57.2N + 5.5E	73-E-282	10	20	10	115	40	BLD	X
57.2N + 6.5E	73-E-283	10	45	15	50	65	1	X

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007439 PROJECT No. EL.7/68 - ZEEHAN DUNDAS MONTEZUMA NORTH

LAB. SHEET No. 1329/1 SAMPLE TYPE SOIL PROF. DATE 3rd May, 1973

SAMPLE No.	LAB. No.	Cu PPM	Ni PPM	Co PPM	Pb PPM	Zn PPM	Ag PPM	Sb PPM
44N + 4.5E	73-D-756	15	20	10	190	50	2	BLD
44N + 3.5E	73-D-757	25	15	20	205	115	3	60
44N + 2.5E	73-D-758	5	5	5	115	25	3	BLD
44N + 2.0E	73-D-759	5	5	BLD	130	20	4	BLD
44N + 1.0E	73-D-760	5	10	BLD	275	25	5	BLD
44N + 0.5E	73-D-761	5	5	BLD	545	25	6	80
44N + 00N	73-D-762	2	10	BLD	485	25	3	100
44N + 1.0W	73-D-763	2	10	BLD	790	30	5	130
44N + 2.0W	73-D-764	100	20	300	.21%	230	2	90
44N + 3.0W	73-D-765	20	50	40	435	370	2	BLD
44N + 4.0W	73-D-766	300	70	50	0.42%	760	4	30
44N + 4.5W	73-D-767	35	70	600	.42%	250	2	BLD
44N + 5.0W	73-D-768	85	90	700	.45%	0.36%	3	30
44N + 5.5W	73-D-769	40	30	1700	.90%	970	2	20
44N + 6.5W	73-D-770	15	10	10	530	60	1	20
44N + 7.0W	73-D-771	10	10	15	780	45	1	30
44N + 7.5W	73-D-772	10	10	10	800	30	1	BLD
44N + 8.0W	73-D-773	15	10	10	490	50	1	BLD
44N + 8.5W	73-D-774	10	5	5	335	40	BLD	BLD
44N + 9.0W	73-D-775	10	5	5	285	40	BLD	BLD
44N + 9.5W	73-D-776	45	15	10	375	100	3	BLD
44N + 10.0W	73-D-777	10	5	5	30	20	BLD	BLD
44N + 10.5W	73-D-778	10	10	10	70	20	BLD	BLD
44N + 11.0W	73-D-779	2	5	5	25	15	BLD	BLD
44N + 11.5W	73-D-780	10	5	5	15	15	1	BLD
44N + 6.0W	73-D-781	15	10	10	485	40	BLD	BLD
44N + 2.5W	73-D-782	55	10	150	.33%	210	4	20
42N + 9.0E	73-D-783	35	50	30	35	120	1	BLD
42N + 8.5E	73-D-784	10	50	25	35	90	1	BLD
42N + 8.0E	73-D-785	20	60	30	40	100	1	BLD

METHODS: Cu, Ni, Co, Pb, Zn, Ag by GBC No. 1
Sb by GBC M.O. 3

X = Insufficient sample for arsenic & antimony
BLD = Below limit of detection

This laboratory is accredited by the National Association of Testing Authorities, Australia. The test results herein have been performed in accordance with its terms of registration.

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007438/39 PROJECT No. EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No. 1323/2 SAMPLE TYPE. SOIL PROF. DATE. 3rd May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm
42N + 7.5E	73-D-786	10	45	25	35	70	1	BLD
42N + 7.0E	73-D-787	110	100	45	50	115	1	BLD
42N + 6.5E	73-D-788	15	30	10	45	50	1	BLD
42N + 6.0E	73-D-789	10	25	15	110	45	1	BLD
42N + 5.0E	73-D-790	25	45	20	55	60	1	BLD
42N + 4.5E	73-D-791	10	10	5	60	30	1	BLD
42N + 4.0E	73-D-792	10	10	5	160	30	BLD	BLD
42N + 3.0E	73-D-793	2	BLD	5	75	20	1	BLD
42N + 2.5E	73-D-794	2	BLD	BLD	35	10	1	BLD
42N + 1.0E	73-D-795	15	BLD	BLD	540	30	BLD	BLD
42N + 00N	73-D-796	5	BLD	BLD	970	15	1	170
42N + 0.5W	73-D-797	10	BLD	BLD	1250	25	3	BLD
42N + 1.0W	73-D-798	10	5	10	245	25	2	BLD
42N + 1.5W	73-D-799	30	10	550	.31%	30	2	BLD
42N + 2.5W	73-D-800	215	20	350	.23%	570	2	BLD
42N + 3.5W	73-D-801	BLD	BLD	BLD	115	20	1	BLD
42N + 4.0W	73-D-802	10	5	5	590	70	BLD	BLD
42N + 4.5W	73-D-803	2	BLD	5	560	20	BLD	30
42N + 6.0W	73-D-804	2	10	5	30	10	BLD	BLD
42N + 6.5W	73-D-805	10	BLD	BLD	165	10	1	BLD
42N + 7.0W	73-D-806	10	5	BLD	85	10	BLD	BLD
42N + 7.5W	73-D-807	10	BLD	BLD	145	20	BLD	BLD
42N + 8.5W	73-D-808	5	BLD	BLD	110	10	BLD	BLD
42N + 9.0W	73-D-809	15	5	5	185	20	BLD	BLD
42N + 11.0W	73-D-810	2	5	BLD	25	20	1	BLD
42N + 12.0W	73-D-811	10	10	10	80	25	BLD	BLD
45.7N+ 7.5E	73-D-812	50	85	50	75	150	BLD	X
45.7N+ 7.0E	73-D-813	60	90	60	155	145	1	BLD
45.7N+ 6.5E	73-D-814	20	40	20	55	80	1	BLD
45.7N+ 6.0E	73-D-815	15	30	15	50	55	1	BLD

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007439/40 PROJECT No.: EL 7/68 - MONTEZUMA NORTH

LAB. SHEET No.: 1323/3 SAMPLE TYPE: SOIL PROF. DATE: 3rd May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm
45.7N + 5.5E	73-D-816	15	35	20	65	95	BLD	BLD
45.7N + 5.0E	73-D-817	20	50	30	115	105	BLD	BLD
45.7N + 4.0E	73-D-818	10	5	5	125	80	BLD	BLD
45.7N + 3.5E	73-D-819	2	5	5	70	15	BLD	BLD
45.7N + 3.0E	73-D-820	2	BLD	BLD	35	10	BLD	BLD
45.7N + 2.5E	73-D-821	2	BLD	BLD	270	10	BLD	BLD
45.7N + 1.5E	73-D-822	5	BLD	BLD	265	15	1	BLD
45.7N + 0.5E	73-D-823	25	10	5	580	60	3	30
45.7N + 00N	73-D-824	40	20	15	550	55	3	BLD
45.7N + 1.5W	73-D-825	5	5	BLD	360	10	2	BLD
45.7N + 2.0W	73-D-826	10	5	BLD	445	10	BLD	BLD
45.7N + 3.0W	73-D-827	20	60	10	840	50	3	BLD
45.7N + 3.5W	73-D-828	110	55	20	1010	280	3	160
45.7N + 4.5W	73-D-829	15	20	10	185	50	5	60
45.7N + 5.0W	73-D-830	10	10	15	475	75	1	BLD
42N + 0.25E	73-D-831	10	BLD	BLD	340	15	1	50
42N + 0.75E	73-D-832	15	BLD	BLD	550	20	1	110
42N + 1.25E	73-D-833	15	BLD	BLD	820	25	BLD	350
42N + 1.75E	73-D-834	2	BLD	BLD	195	10	3	90
42N + 2.25E	73-D-835	BLD	BLD	BLD	20	5	3	BLD
42N + 2.75E	73-D-836	BLD	BLD	BLD	50	20	BLD	BLD
42N + 3.25E	73-D-837	BLD	BLD	BLD	65	10	BLD	BLD
42N + 3.75E	73-D-838	2	5	BLD	70	15	BLD	BLD
42N + 4.25E	73-D-839	10	10	BLD	45	20	1	BLD
42N + 5.75E	73-D-840	15	30	15	70	50	BLD	BLD
42N + 6.25E	73-D-841	10	30	20	75	50	1	BLD
42N + 6.75E	73-D-842	25	80	20	20	90	1	BLD
42N + 7.25E	73-D-843	10	90	70	15	190	1	BLD
42N + 8.25E	73-D-844	15	55	30	40	100	1	BLD
42N + 8.75E	73-D-845	860	150	110	80	290	BLD	BLD

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007439/40 PROJECT No. EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No. 1323/4 SAMPLE TYPE SOIL PROF. DATE 3rd May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm
40N + 0.5E	73-D-846	190	15	150	.31%	65	1	120
40N + 1.0E	73-D-847	2	BLD	BLD	215	10	1	BLD
40N + 1.5E	73-D-848	BLD	BLD	BLD	35	20	BLD	BLD
40N + 2.0E	73-D-849	5	BLD	BLD	600	10	BLD	70
40N + 3.0E	73-D-850	BLD	BLD	BLD	35	10	6	BLD
40N + 3.5E	73-D-851	BLD	BLD	BLD	50	10	BLD	BLD
40N + 4.0E	73-D-852	BLD	BLD	BLD	90	10	1	BLD
40N + 4.5E	73-D-853	20	10	5	105	25	1	BLD
40N + 5.0E	73-D-854	10	10	5	45	20	1	BLD
40N + 5.5E	73-D-855	10	10	10	70	30	BLD	BLD
40N + 6.0E	73-D-856	10	25	15	35	40	BLD	30
40N + 7.0E	73-D-857	35	50	40	65	110	1	40
40N + 7.5E	73-D-858	95	70	45	55	150	1	BLD
40N + 8.5E	73-D-859	10	70	35	45	130	1	BLD
38N + 1.0E	73-D-860	5	5	BLD	225	10	1	BLD
38N + 1.5E	73-D-861	BLD	BLD	BLD	175	10	2	BLD
38N + 3.0E	73-D-862	BLD	BLD	BLD	90	10	1	BLD
38N + 4.0E	73-D-863	10	5	5	135	20	1	BLD
38N + 6.0E	73-D-864	20	20	10	55	40	1	BLD
38N + 6.5E	73-D-865	50	65	40	130	80	BLD	BLD
38N + 7.0E	73-D-866	40	40	25	60	130	1	BLD
38N + 7.5E	73-D-867	40	50	60	40	115	1	BLD
38N + 8.5E	73-D-868	10	45	25	45	80	1	BLD
38N + 1.5W	73-D-869	15	10	30	165	75	BLD	BLD
38N + 2.0W	73-D-870	15	15	25	405	120	BLD	BLD
38N + 1.0W	73-D-871	10	10	20	145	45	BLD	BLD
38N + 2.5W	73-D-872	20	10	20	860	80	BLD	BLD
38N + 3.0W	73-D-873	5	BLD	10	345	30	1	BLD
38N + 3.5W	73-D-874	20	5	50	1800	70	BLD	40
38N + 4.0W	73-D-875	2	BLD	BLD	110	30	BLD	BLD
38N + 4.5W	73-D-876	2	5	5	90	10	BLD	BLD

ANALYSED

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007449 PROJECT No. EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No. 1323/5 SAMPLE TYPE SOIL PROF. DATE 3rd May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm
30N + 2.5E	73-D-877	BLD	5	BLD	215	20	1	BLD
44N + 0.25E	73-D-878	20	5	BLD	500	10	1	40
44N + 1.25E	73-D-879	10	BLD	BLD	225	40	3	X
44N + 1.5E	73-D-880	10	BLD	BLD	115	110	5	X
44N + 1.75E	73-D-881	5	BLD	5	165	10	2	30
44N + 2.25E	73-D-882	5	5	BLD	155	10	4	BLD
44N + 3.25E	73-D-883	20	15	10	185	60	1	BLD
44N + 3.75E	73-D-884	10	20	30	195	60	1	BLD
44N + 4.25E	73-D-885	25	10	15	110	60	1	BLD
60E + 43.5N	73-D-886	10	10	5	200	25	1	BLD
60E + 43.0N	73-D-887	20	5	5	760	40	2	210
60E + 42.5N	73-D-888	2	5	BLD	600	15	2	30
60E + 41.5N	73-D-889	10	BLD	5	1150	20	1	40
60E + 41.0N	73-D-890	110	15	5	1300	360	3	30
60E + 40.5N	73-D-891	30	15	10	820	80	2	30
60E + 40N	73-D-892	640	60	115	530	280	1	40
60E + 39.5N	73-D-893	5	10	BLD	185	15	1	BLD
60E + 39.0N	73-D-894	10	5	5	110	25	1	BLD
60E + 38.5N	73-D-895	10	10	5	65	40	BLD	BLD
60E + 38N	73-D-896	15	10	10	210	95	2	BLD

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. GD7444 PROJECT No. EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No. 1324/1 SAMPLE TYPE: SOIL DATE: 4th May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm
49.7N+ 5.5W	73-E-284	BLD	5	BLD	30	10	BLD	BLD
49.7N+ 6.0W	73-E-285	BLD	5	BLD	35	10	BLD	BLD
49.7N+ 8.0W	73-E-286	5	10	5	30	25	1	BLD
49.7N+ 9.0W	73-E-287	5	5	5	75	30	1	20
49.7N+10.5W	73-E-288	30	5	5	55	35	1	BLD
49.7N+11.5W	73-E-289	5	10	BLD	40	25	BLD	20
57.2N+ 1.5W	73-E-290	15	5	BLD	45	20	BLD	X
57.2N+ 1.5E	73-E-291	25	40	5	40	45	BLD	BLD
57.2N+ 2.0E	73-E-292	25	35	20	55	50	1	20
57.2N+ 4.5E	73-E-293	15	40	10	70	65	1	BLD
57.2N+ 6.0E	73-E-294	20	15	5	145	50	1	X
53.6N+ 8.0E	73-E-295	10	55	35	55	110	1	20
53.6N+ 7.5E	73-E-296	15	40	15	40	85	1	20
53.6N+ 7.0E	73-E-297	10	45	20	55	85	1	20
53.6N+ 6.5E	73-E-298	55	45	20	40	90	1	20
53.6N+ 6.0E	73-E-299	30	45	20	40	85	1	BLD
53.6N+ 5.0E	73-E-300	290	255	70	85	240	2	40
53.6N+ 4.5E	73-E-301	30	45	10	65	75	1	20
53.6N+ 4.0E	73-E-302	20	30	20	70	65	1	20
53.6N+ 3.0E	73-E-303	10	20	BLD	40	20	1	BLD
53.6N+ 0.5E	73-E-304	45	50	40	90	80	2	BLD
53.6N+ 1.0E	73-E-305	25	45	10	70	50	1	BLD
53.6N+ 1.5E	73-E-306	10	15	5	55	30	1	BLD
53.6N+ 6.0W	73-E-307	BLD	BLD	BLD	40	5	1	BLD
53.6N+ 6.5W	73-E-308	BLD	BLD	BLD	20	5	1	BLD
53.6N+ 7.0W	73-E-309	BLD	BLD	BLD	40	10	1	BLD
53.6N+ 8.5W	73-E-310	BLD	BLD	BLD	25	10	BLD	BLD
53.6N+ 9.5W	73-E-311	BLD	BLD	BLD	30	5	BLD	BLD
53.6N+11.0W	73-E-312	10	BLD	5	80	20	BLD	BLD
55.26N+10.20W	73-E-313	BLD	BLD	BLD	30	10	BLD	BLD
55.26N+ 6.5W	73-E-314	BLD	BLD	BLD	30	5	BLD	BLD

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by GRC NO. 1
Sb by GRC NO. 8

INSUFFICIENT SAMPLE FOR ARSENIC DETERMINATION
X = " " " ANTIMONY "

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007444/45 PROJECT No. EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No. 1324/2 SAMPLE TYPE: SOIL DATE: 4th May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm
55.26N+ 8.0W	73-E-315	5	BLD	BLD	25	10	BLD	BLD
55.26N+ 4.5W	73-E-316	BLD	BLD	BLD	20	10	BLD	BLD
55.26N+ 3.5W	73-E-317	25	65	15	45	65	1	BLD
55.26N+ 3.0W	73-E-318	BLD	BLD	BLD	35	10	BLD	BLD
55.26N+ 1.5W	73-E-319	BLD	BLD	BLD	30	10	1	BLD
55.26N+ 1.0W	73-E-320	5	5	BLD	60	10	1	BLD
55.26N+ 0.5W	73-E-321	5	10	BLD	65	15	1	BLD
55.26N+ 0.5E	73-E-322	5	5	BLD	210	15	BLD	20
55.26N+ 1.0E	73-E-323	25	45	15	65	60	1	30
55.26N+ 1.5E	73-E-324	65	50	30	105	85	1	20
55.26N+ 2.0E	73-E-325	160	110	55	120	160	1	80
55.26N+ 2.5E	73-E-326	30	55	25	30	90	BLD	BLD
55.26N+ 3.0E	73-E-327	20	45	15	40	60	BLD	20
55.26N+ 3.5E	73-E-328	BLD	BLD	BLD	45	15	BLD	BLD
55.26N+ 4.5E	73-E-329	25	50	20	50	85	BLD	BLD
55.26N+ 5.5E	73-E-330	20	55	20	25	95	BLD	BLD
55.26N+ 6.0E	73-E-331	20	40	10	65	80	BLD	BLD
55.26N+ 7.0E	73-E-332	25	85	20	75	105	BLD	20
55.26N+ 8.0E	73-E-333	25	40	10	70	80	BLD	20
55.26N+ 8.5E	73-E-334	35	55	5	25	90	1	BLD
55.26N+ 9.0E	73-E-335	20	20	5	35	40	BLD	BLD
55.26N+ 9.5E	73-E-336	25	25	5	65	70	1	BLD
55.26N+10.0E	73-E-337	10	15	5	50	45	1	X
55.26N+10.5E	73-E-338	5	35	10	45	85	1	BLD
55.26N+11.0E	73-E-339	10	45	15	30	115	1	BLD
55.26N+11.5E	73-E-340	5	40	5	30	110	1	BLD

INSUFFICIENT SAMPLE FOR ARSENIC DETERMINATION

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007446 PROJECT No.: EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No.: 1326/1 SAMPLE TYPE: SOIL DATE: 8th May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm
59.1N+0.5W	73-E-365	BLD	10	BLD	160	25	1	BLD
59.1N+1.0W	73-E-366	BLD	15	BLD	55	30	BLD	BLD
59.1N+2.5W	73-E-367	5	20	BLD	50	45	1	BLD
59.1N+3.0W	73-E-368	BLD	10	BLD	45	35	1	BLD
59.1N+4.5W	73-E-369	BLD	10	BLD	45	30	BLD	BLD
59.1N+5.5W	73-E-370	75	10	BLD	80	45	BLD	BLD
59.1N+6.0W	73-E-371	BLD	5	BLD	60	20	BLD	BLD
59.1N+7.5W	73-E-372	BLD	BLD	BLD	45	20	BLD	BLD
59.1N+8.0W	73-E-373	5	5	BLD	30	5	BLD	BLD
59.1N+8.5W	73-E-374	BLD	BLD	BLD	20	5	BLD	BLD
59.1N+9.5W	73-E-375	BLD	BLD	BLD	30	10	BLD	BLD
59.1N+0.5E	73-E-376	10	20	5	65	30	BLD	BLD
59.1N+1.0E	73-E-377	20	25	10	40	50	1	BLD
59.1N+1.5E	73-E-378	25	55	15	40	65	BLD	BLD
59.1N+2.0E	73-E-379	55	110	20	40	100	BLD	BLD
59.1N+2.5E	73-E-380	70	80	30	50	160	1	BLD
59.1N+3.0E	73-E-381	30	65	25	65	95	1	BLD
59.1N+3.5E	73-E-382	20	55	15	70	80	BLD	BLD
59.1N+4.0E	73-E-383	20	85	10	70	70	BLD	20
59.1N+4.5E	73-E-384	15	40	5	165	45	BLD	20
59.1N+5.0E	73-E-385	20	5	BLD	160	40	BLD	20
61.5N+0.5E	73-E-386	30	100	20	40	90	BLD	20
61.5N+1.0E	73-E-387	20	110	20	45	90	1	20
61.5N+1.5E	73-E-388	25	115	25	55	100	1	20
61.5N+2.5E	73-E-389	25	70	15	60	85	1	BLD
61.5N+3.0E	73-E-390	40	95	20	50	110	1	BLD
61.5N+3.5E	73-E-391	40	70	35	105	115	1	BLD
61.5N+4.0E	73-E-392	15	55	15	75	55	1	BLD
61.5N+4.5E	73-E-393	15	10	5	110	25	BLD	BLD
61.5N+5.0E	73-E-394	45	30	15	130	40	BLD	BLD
61.5N+5.5E	73-E-395	45	50	10	50	70	1	BLD

METHODS:

Cu, Ni, Co, Pb, Zn, Ag, by GRC NO. 1
Sb by GRC NO. 8

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007446/7 PROJECT No.: EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No.: 1326/2 SAMPLE TYPE: SOIL DATE: 8th May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm
61.5N+6.0E	73-E-396	45	115	20	49	95	1	BLD
61.5N+1.0W	73-E-397	25	60	10	50	50	1	BLD
61.5N+1.5W	73-E-398	30	70	15	50	70	1	BLD
61.5N+2.0W	73-E-399	20	80	25	40	80	1	BLD
61.5N+2.5W	73-E-400	25	40	10	70	45	1	BLD
61.5N+3.5W	73-E-401	BLD	5	BLD	125	5	1	BLD
61.5N+4.0W	73-E-402	5	5	BLD	135	5	1	BLD
61.5N+5.0W	73-E-403	10	5	BLD	30	10	BLD	BLD
61.5N+5.5W	73-E-404	5	5	BLD	30	10	BLD	BLD
61.5N+6.0W	73-E-405	5	5	BLD	30	5	BLD	BLD
61.5N+6.5W	73-E-406	5	5	BLD	25	10	BLD	BLD
61.5N+7.0W	73-E-407	5	5	BLD	35	15	BLD	BLD
61.5N+7.5W	73-E-408	5	5	BLD	40	5	BLD	BLD
61.5N+8.5W	73-E-409	10	5	BLD	40	15	BLD	BLD
63.23N+0.5E	73-E-410	30	180	30	45	100	1	20
63.23N+1.0E	73-E-411	40	130	30	50	120	1	BLD
63.23N+1.5E	73-E-412	30	110	25	50	75	BLD	BLD
63.23N+2.0E	73-E-413	20	55	15	50	70	BLD	BLD
63.23N+2.5E	73-E-414	20	50	20	50	70	BLD	BLD
63.23N+3.0E	73-E-415	15	40	20	60	60	BLD	BLD
63.23N+3.5E	73-E-416	10	20	15	125	45	BLD	BLD
63.23N+4.0E	73-E-417	5	45	25	65	90	1	BLD
63.23N+4.5E	73-E-418	50	70	20	35	85	1	BLD
63.23N+5.0E	73-E-419	30	65	25	30	80	1	30
63.23N+5.5E	73-E-420	55	75	25	45	110	2	20
63.23N+6.0E	73-E-421	70	45	20	50	90	2	40
63.23N+6.5E	73-E-422	60	55	20	55	95	1	30
63.23N+7.0E	73-E-423	50	60	20	50	75	1	30
63.23N+7.5E	73-E-424	55	55	15	50	70	1	BLD
63.23N+8.0E	73-E-425	65	50	10	55	80	2	20
63.23N+8.5E	73-E-426	55	35	10	50	55	1	BLD

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007447 PROJECT No.: EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No.: 1326/3 SAMPLE TYPE: SOIL DATE: 8th May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm
63.23N+ 9.0E	73-E-427	70	40	15	65	60	1	20
63.23N+ 9.5E	73-E-428	70	70	25	45	100	2	20
63.23N+10.0E	73-E-429	60	55	20	45	85	1	BLD
63.23N+10.5E	73-E-430	65	50	20	50	65	2	BLD
63.23N+11.0E	73-E-431	45	55	20	50	75	2	BLD
63.23N+11.5E	73-E-432	50	65	25	40	95	1	BLD
63.23N+12.0E	73-E-433	40	50	20	35	70	2	BLD
63.23N+12.5E	73-E-434	20	30	10	35	45	1	BLD
63.23N+13.0E	73-E-435	50	40	10	50	70	BLD	BLD
63.23N+13.5E	73-E-436	80	80	15	55	120	BLD	BLD
63.23N+14.0E	73-E-437	65	70	15	45	60	1	BLD
63.23N+15.0E	73-E-438	15	30	15	35	40	1	BLD
63.23N+15.5E	73-E-439	45	75	40	50	140	1	BLD
63.23N+16.0E	73-E-440	55	65	45	85	115	1	BLD
63.23N+16.5E	73-E-441	50	40	20	40	60	BLD	BLD
63.23N+17.0E	73-E-442	40	25	5	70	35	BLD	BLD
63.23N+17.5E	73-E-443	15	20	5	80	15	BLD	BLD
63.23N+18.0E	73-E-444	25	15	5	55	30	BLD	BLD
63.23N+18.40E	73-E-445	10	20	10	50	60	BLD	BLD
59.10N+60.0E	73-E-446	10	5	5	40	10	BLD	BLD

INSUFFICIENT SAMPLE FOR ARSENIC DETERMINATIONS

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007448 PROJECT No.: EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No.: 1327/1 SAMPLE TYPE: SOIL DATE: 9th May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm	As ppm
55N + 2.0W	73-E-447	BLD	5	5	20	10	1	BLD	BLD
57N + 2.5E	73-E-448	50	35	20	45	55	1	BLD	35
61.5N+6.5E	73-E-449	25	60	15	65	100	BLD	BLD	X
61.5N+2.0E	73-E-450	25	95	20	65	85	BLD	BLD	BLD
61.5N+0.5W	73-E-451	10	70	15	45	60	BLD	BLD	BLD
61.5N+3.0W	73-E-452	20	45	10	85	50	1	BLD	BLD
61.5N+4.5W	73-E-453	5	10	BLD	45	15	BLD	BLD	BLD
61.5N+8.0W	73-E-454	BLD	10	BLD	35	30	BLD	BLD	BLD
61.5N+9.0W	73-E-455	BLD	15	BLD	40	50	BLD	BLD	X
61.5N+9.5W	73-E-456	BLD	30	5	35	70	BLD	BLD	X
59.1N+1.5W	73-E-457	BLD	15	5	35	45	1	BLD	X
59.1N+2.0W	73-E-458	BLD	5	BLD	70	20	BLD	BLD	X
59.1N+3.5W	73-E-459	5	5	BLD	160	15	3	BLD	X
59.1N+4.0W	73-E-460	5	10	BLD	100	10	2	BLD	X
59.1N+5.0W	73-E-461	5	10	BLD	40	25	1	BLD	30
59.1N+6.5W	73-E-462	BLD	5	BLD	45	15	1	BLD	BLD
59.1N+7.0W	73-E-463	5	10	BLD	65	15	1	BLD	BLD
59.1N+9.0W	73-E-464	10	5	BLD	40	25	1	BLD	BLD
59.1N+10.0W	73-E-465	10	5	BLD	40	20	BLD	BLD	X
63.23N+0.5W	73-E-466	30	60	35	90	60	1	BLD	X
63.23N+1.0W	73-E-467	25	55	30	50	55	1	30	X
63.23N+1.5W	73-E-468	25	45	30	60	45	1	BLD	X
63.23N+2.0W	73-E-469	30	25	10	100	45	1	BLD	X
63.23N+2.5W	73-E-470	30	25	15	670	60	1	BLD	BLD
63.23N+3.0W	73-E-471	15	30	10	140	40	1	BLD	BLD
63.23N+3.5W	73-E-472	25	60	35	155	60	2	BLD	X
63.23N+4.0W	73-E-473	20	45	15	105	55	1	30	35
63.23N+4.5W	73-E-474	20	50	20	55	45	1	20	BLD
63.23N+5.0W	73-E-475	5	5	BLD	25	10	BLD	BLD	BLD
63.23N+5.5W	73-E-476	5	5	BLD	35	10	BLD	BLD	BLD

METHODS: Cu, Ni, Co, Pb, Zn, Ag by GRC NO. 1
Sb by GRC NO. 8
As by GRC NO. 3

X = Insufficient sample for analysis
BLD = Below limit of detection

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Chief Chemist Roy W. Gerhard

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007448/9 PROJECT No.: EL.7/68 – MONTEZUMA NORTH

LAB. SHEET No.: 1327/2 SAMPLE TYPE: SOIL DATE: 9th May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm	As ppm
63.23N+6.0W	73-E-477	BLD	5	BLD	35	10	BLD	BLD	BLD
63.23N+6.5W	73-E-478	BLD	5	BLD	25	15	BLD	BLD	X
63.23N+7.0W	73-E-479	BLD	BLD	BLD	40	15	BLD	BLD	X
63.23N+7.5W	73-E-480	5	5	BLD	35	15	BLD	BLD	BLD
63.23N+8.0W	73-E-481	BLD	5	BLD	20	5	1	BLD	BLD
63.23N+8.5W	73-E-482	5	5	5	50	15	1	BLD	40
63.23N+9.0W	73-E-483	5	5	5	30	10	1	20	BLD
63.23N+9.5W	73-E-484	5	5	BLD	25	5	BLD	25	BLD
63.23N+9.83W	73-E-485	BLD	5	BLD	15	15	BLD	BLD	BLD
60E + 49.5N	73-E-486	BLD	5	BLD	195	10	1	20	50
60E + 50.0N	73-E-487	BLD	BLD	BLD	75	5	1	BLD	BLD
60E + 50.5N	73-E-488	5	5	5	130	15	1	BLD	BLD
60E + 51.0N	73-E-489	20	20	35	370	80	3	35	40
60E + 51.5N	73-E-490	40	35	120	480	155	2	30	40
60E + 52.0N	73-E-491	10	20	5	70	25	1	30	BLD
60E + 52.5N	73-E-492	20	20	10	50	30	1	BLD	BLD
60E + 53.0N	73-E-493	35	45	45	100	75	1	BLD	35
60E + 53.5N	73-E-494	10	15	20	110	60	BLD	BLD	BLD
60E + 54.0N	73-E-495	5	BLD	BLD	70	5	BLD	25	BLD
60E + 54.5N	73-E-496	5	5	BLD	110	5	BLD	BLD	BLD
60E + 55.0N	73-E-497	BLD	5	BLD	165	10	1	BLD	BLD
60E + 55.5N	73-E-498	10	5	65	1650	20	1	75	40
60E + 56.0N	73-E-499	BLD	5	BLD	80	5	1	BLD	BLD
60E + 56.5N	73-E-500	5	5	BLD	40	10	BLD	BLD	BLD
60E + 57.0N	73-E-501	5	BLD	BLD	25	5	BLD	BLD	BLD
60E + 57.5N	73-E-502	BLD	5	BLD	60	10	BLD	BLD	BLD
60E + 58.0N	73-E-503	10	5	BLD	35	10	BLD	BLD	BLD
60E + 58.5N	73-E-504	10	5	BLD	40	15	BLD	BLD	BLD
60E + 59.0N	73-E-505	10	5	5	75	10	BLD	BLD	BLD
60E + 59.5N	73-E-506	15	10	5	50	20	BLD	BLD	BLD

METHODS:

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GEOCHEMICAL LABORATORY REPORT

007449 EL.7/68 - MONTEZUMA NORTH

FIELD SHEET No.:..... PROJECT No.:.....

LAB. SHEET No.: 1327/3 SAMPLE TYPE: SOIL DATE: 9th May, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm	As ppm
60E + 60.0N	73-E-507	10	20	5	60	25	BLD	BLD	BLD
60E + 60.5N	73-E-508	15	30	5	35	30	BLD	BLD	BLD
60E + 61.0N	73-E-509	25	105	20	70	80	1	BLD	40
60E + 61.5N	73-E-510	25	95	20	40	70	1	BLD	BLD
60E + 62.0N	73-E-511	25	70	20	40	65	1	BLD	35
60E + 62.5N	73-E-512	30	70	15	50	65	1	BLD	30
60E + 63.0N	73-E-513	25	70	25	35	75	BLD	BLD	BLD

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Chief Chemist Ray W. Hardy

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INDEX OF PLANS

MONTEZUMA NORTH GRID, SOIL GEOCHEMISTRY

DRG. B.366	COPPER VALUES
DRG. B.367	LEAD VALUES
DRG. B.368	ZINC VALUES
DRG. B.369	ANTIMONY VALUES
DRG. B.370	SILVER VALUES
DRG. B.371	ABOVE THRESHOLD CONTOURS

REFERENCES

Geophoto Minerals Report 1971/48:

Geologic, Geochemical and Geophysical Surveys in Montezuma North Area of E.L.7/68, Dundas, West Tasmania, W.S. Turner, December, 1971.

Geophoto Minerals Report 1972/9:

Summary Report of Diamond Drilling in E.L.7/68, Dundas, West Tasmania. J.B. Thigpen, September, 1972.

Geophoto Status Report, Series I, Montezuma Area, pp. 1-4, March, 1973. (See Appendix VI, Geophoto Minerals Report 1974/4).

Geophoto Progress Report No. 73/4, West Tasmania, pp. 6-9, 7 May, 1973. (See Appendix IV, Geophoto Minerals Report 1974/4).

APPENDIX VI

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GEOPHOTO STATUS REPORT, SERIES I

MONTEZUMA AREA, WEST TASMANIA

MARCH, 1973

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INTRODUCTION

The Montezuma area is approximately 1 sq. mile and is located in north portion of EL 7/68 Dundas area.

DATA AVAILABLE

Geophoto Minerals Report 1971/48.

OBJECTIVES OF THE INVESTIGATION

To investigate the mineralization associated with the Montezuma high angle reverse fault. Some old workings occur in the area.

EXPLORATION METHODS

1) Geology: Detailed mapping has been carried out on the Montezuma North grid (scale 1"=100 feet).

2) Geochemistry: Selective over gossan outcrops (rock geochemistry). A soil sampling scout survey was carried out over seven grid lines. A statistical treatment of the data was

undertaken only for Pb. Some correspondence was observed between VLF anomalies and geochem anomalous sections.

3) Geophysics: a) VLF-EM survey was completed over the 200 feet spaced grid lines. Several anomalies were outlined.
b) Turair Survey: Waiting for the final report.

4) Drilling: Several targets were selected for drilling at the end of 1971 but the operations were long delayed by the problems involved by the dozing of the Montezuma road. The topography of the area is very rugged and ground conditions usually very bad for road building purposes.

MzN 1 - 2

These holes were drilled to test at depth a large pyritic gossanous zone which, surprisingly had not yielded any VLF response. Very minor Pb, Zn mineralization was encountered.

MzN 3

Drilled to test VLF No. 1. Very minor Pbs, Zns mineralisation was encountered. Abundant pyrite veinlets.

MzN 4,5,6

Drilled from the same site, with different azimuths to test VLF No. 2. This anomaly was supported by the mineralization (mainly pyritic) observed in the old Adits No. 5 and No. 6. MzN 4 and MzN 5 have already been completed. MzN 6 is being drilled. So far the intersections encountered have been less significant than it was expected for Pb and Sb, but selective samples of pyrite (with minor pyrrotite) have assayed up to 0.8% Sn. A regular sampling of the MzN 3- 4 - 5 - 6 pyrite and pyrite - pyrrotite intersections is being carried out. Samples will be tested for Sn and Cu.

CONCLUSIONS AND FOLLOW UP WORK

1) The prospect has been recently upgraded by the assay results from the sampling of the Jamesonite -Galena-Pyrite-Pyrrotite(?) vein uncovered while dozing the access to drill site. As it is known some samples assayed up to 24% Sb, 33% Pb, 34 ozs. Ag. A grab sample from the Adit No. 6 dump, in which some chalcopyrite and pyrrotite had been megascopically observed assayed up to 0.4% Cu and 0.5% Sn.

2) An assessment of the drilling results will be possible only when all selected pyrite-pyrrotite intersections have been analysed for Sn. and Cu.

3) At the end of MzN 6 drilling, the operations will be shut down and a further exploratory drilling programme will be undertaken only if warranted by the MzN 3, 4, 5, 6, results.

4) Pending the assay results, an extension of the soil geochemistry to cover all the area and a rock geochemistry survey might be carried out to screen the VLF anomalies and to investigate the Sn, Cu mineralization.

5) Some information might come from the Turair survey recently carried out over the area. The preliminary map does not show any significant anomaly, but the results of the North portion of the area have not been delivered yet.

L. DISCALA

APPENDIX VII

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MEMORANDUM REPORT

RATIONALE FOR 1971 DIAMOND DRILLING PROGRAMME IN E.L.7/68, WEST TASMANIA

INTRODUCTORY REMARKS

The early 1971 decision to change strategy concerning minerals exploration programs for Texins-A.P.M. areas consists basically of an extension of the exploration time. This change in strategy called for changes in tactics. The new tactic is basically a concentration of the work for a thorough examination of each Texins exploration licence in its entirety, with the purpose of finding and testing other possible mineralised zones besides those already tested, i.e. Kosminsky-South Comet Pb-Zn-Ag zone.

To accomplish this systematically and economically, a reappraisal of the regional geology, together with a spreading of the exploration effort to cover the whole area, is necessary, since so far only small parts of each licence have been thoroughly examined, for instance, only 25 per cent of E.L.7/68 Dundas.

After these introductory remarks, a general rationale based on regional geology and then local geology, geophysics and geochemistry, will be presented. This will be followed by the rationale for each diamond drill hole already drilled or proposed to be drilled.

GEOLOGIC RATIONALE

Regional

In western Tasmania most of the known mineral deposits are in rocks of the Lower Palaeozoic (Dundas Group) and/or Upper Precambrian (Carbine Group). Large as well as small scale structures have controlled deposition of metallic minerals.

In this region, deposits have been worked in the margin of serpentinite bodies which are known as a source for chromium, nickel, tin and copper. The deep weathering of the serpentinite units in the Dundas area seems to be due mainly to hydrothermal activity.

Slates and quartzites of the Carbine Group of rocks (late Precambrian or early Cambrian) have been subjected to additional deformation to younger rock units. Quartzites being brittle fractured readily, while slates being more plastic have been contorted. Mineralising solutions appear to have taken advantage of these, as for example the ore bearing slates and quartzite of Renison Bell.

There are indications that the bornite-chalcopyrite-pyrite deposits of Queenstown, as well as the Rosebery sphalerite-galena deposits, might have an exhalative volcanic origin. This then indicates that the volcanic piles in the region should be of particular interest also.

Both folding and faulting in this region are complex. West of the Precambrian nucleus (central part of Tasmania), anticlinoria and synclinoria trending approximately north-south and including the Zeehan-Dundas area, were formed within the previously existing Dundas Trough. The axis of the Dundas-Deloraine anticlinorium is interpreted as passing through E.L.7/68, and the

presence of this anticline give a general west dip to many lithologic contacts and other pre-folding structures. The simplicity of this, however, has been very much complicated by turbidity currents, by the possible existence of a peculiar Flysch characteristic within the Crimson Creek and Dundas lithologic units, and by the intrusion of large masses of serpentinite, particularly on the west limb.

Adding to this complication is faulting. The fault pattern is dominantly north-south, with smaller north-north-west and north-north-east faults. These are now tentatively interpreted as being shear zones as in a Simple Shear - Plate Couple of moderate to advanced stage. Locally thrust faults have been also tentatively identified, for instance, Montezuma thrust. The thrust faults would also fit in the above-mentioned plate couple mechanics if in the respective locations the extreme stage, where drag folds begin to over ride one another, would have been reached.

Local

The local geology as it is known can be considered favourable since it has, within the boundaries of E.L.7/68, all the previously mentioned interesting lithologic units, contacts and faults.

The serpentinite masses and their contacts have not been thoroughly checked, although there is evidence within as well as without E.L.7/68 Dundas, that there is some mineralisation.

Similarly the volcanic lithologic units and their contacts, although known to be mineralised within the region (for instance, Mt. Lyell and Rosebery deposits), have not been checked within E.L. 7/68, although from published literature and data collected so far by Geophoto it appears that comparatively, the volcanic piles are less abundant than the other lithologic units mentioned.

The slates and quartzites of Carbine Group, which are ore bearing at Renison Bell, have only partially been checked within E.L. 7/68.

Additional to these geologic local bases for a rationale, data from geophysical and/or geochemical surveys (soil and/or rock sampling) performed by Geophoto and/or others are also used in the decision making process for testing the anomalous or potentially anomalous with diamond drilling. These additional data will be presented for each drilled or proposed to be drilled sites which follow.

HOLES PROGRAMMED

Kosminsky Hill West (K.H.W.) 1A

This hole was planned in 1970 and drilled in February, 1971. Drilled from the same site as Kosminsky Hill (K.H.) 9, this hole was drilled to the west at about 65 degrees dip, approximately 20 degrees under K.H.W.-1 which, starting from 241 feet down the hole, intersected narrow mineralised bands containing veins and/or blebs of galena and sphalerite to 334 feet. Assays on this section show intermittent values ranging from 0.10% to 8.30% Pb, 0.07% to 4.71% Zn and up to 4 oz of silver.

This mineralisation was found within what is interpreted as Crimson Creek formation (dolomite, dolomitic sandstone and/or dolomitic siltstone).

The rationale for K.H.W.-1A was mainly to get control on the dip of the lithologic units and mineralised zone intersected in K.H.W.-1.

Results show that the dip is to the west and not east as previously assumed, and that the mineralised zone intersected in the hole above is now very weak (1.23% to 2.6% Pb and 0.1% Zn).

K.H.W.-2 to K.H.W.-5 Series

This series of four diamond drill holes is the first attempt to test available data and hypotheses for possible additional mineralised zones. Based on a review of geologic, geophysical (magnetic) and core logging data it is interpreted now that lithologic units and mineralised zones dip mainly to the west.

The four holes were planned to be drilled to the east under a surface gossan similar to the gossan over the Kosminsky Hill mineralised zone. The gossanous material is anomalously high in Pb and Zn.

At proposal time of these holes a Geophoto V.L.F. survey was in progress, hence data were not available to us. However, the Australian Bureau of Mineral Resources had carried out a V.L.F. survey during the summer of 1970 over Kosminsky mineralised zone. Their results indicate several anomalies over the southern part of Kosminsky Hill West zone.

K.H.W.-2 was planned to intersect the potentially mineralised serpentinite Crimson Creek formation contact as well as to cross the Crimson Creek formation, which in other holes showed mineralisation. Surface geochemical data show a Pb-Zn anomaly (see Section II).

Isolated relatively high V.L.F. readings are also present.

An S.P. anomaly is also present to the north-east of where the collar was planned.

This hole has been started but not completed because of very difficult drilling in bad, continuously caving ground. Unfortunately, the hole had to be abandoned at 347 feet after having crossed the serpentinite and entered block slates of the Crimson Creek formation. Around 247 feet, massive unoxidised pyrite was identified. The core recovery was very poor, but assay results available to 237 feet show the best value between 165-177 ft zones, of 2.8% Pb, 0.54% Zn and 1.4 oz Ag. This hole was revived on September 4th and is now coring. It is planned to be drilled to between 700 and 800 feet where it is interpreted that it will reach under a V.L.F. and geochemical anomaly.

K.H.W.-3 (completed August 10th) is another drill hole planned for testing the possibility of another mineralized zone parallel to and to the west of Kosminaky Hill-South Comet zone. It has been decided to drill in an easterly direction as there is more data indicating a westerly dip of the lithologic units. The hole has been planned to test at this location the serpentinite, the Crimson Creek Formation and both its contacts.

1. Test serpentinite unit at this location.
2. Test serpentinite-Crimson Creek contact.
3. Test Crimson Creek Formation.
4. Test Crimson Creek contact with Precambrian Oonah quartzite and slate.
5. Attempt to find extension of mineralized intersection crossed in drill holes K.H.9, KH.W.-1, and K.H.W.-1A under and adjacent to the Kosminsky-South Comet mineralised zone.

To achieve all this, the hole was planned in a 50^{o} azimuth direction a 50 to 60^{0} dip, and up to 1,500 feet down the hole. (Some 5 feet of good galena between 1,369 - 1374 ft.).

K.H.W.-4 was planned to drill 1) under a surface geochemical anomaly, 2) to intersect what, close to surface, was identified in a trench as massive pyrite, and 3) to intersect at depth a line of small V.L.F. anomalies (43, 48, 57) which line up in a northwesterly direction. This hole has been started and is now (August 18th, 1971) down to 60 feet. Mag. data suggests possible serpentinite at a depth cropping out to the north of the hole.

After results from this hole are available it will be decided whether to drill another hole in the same plane but some 400 feet away from K.H.W.-4 along the line of drilling. The purpose of this hole would be twofold. Firstly, to intersect the assumed K.H.W. mineralized zone closer to surface,

hopefully thus establishing continuity at depth, and secondly, to drill under an I.P. anomaly reported by Austral Exploration Services Pty. Ltd.

K.H.W.-5 is the last hole in this series and was planned to intersect several targets also; firstly, a contact between Hodge slate and sandstones-tuffs which might be a fault contact. On surface this contact appears as a shear and is mineralized with galena and sphalerite. Between 350 and 450 feet down the hole another contact, mineralized on surface and suspected to be a fault contact, is expected to be intersected. Further down the hole, at between 800 and 900 feet, the westerly dipping mineralized zone, expressed on the surface as a gossanous zone originating from sulphides, is the last target. This hole is planned to intersect the same line of small V.L.F. anomalies as hole K.H.W.-4.

An additional hole might be warranted some 500 feet away, along the line of K.H.W.-5. This would intersect at shallower depth the assumed K.H.W. mineralized zone indicated by previously mentioned gossanous zone and V.L.F. anomaly number 19.

South Comet Series

Three more holes, S.C.-4, S.C.-4A and S.C.-5, have been drilled this year (1971) to test the extension to the south of the Kosminsky-Comet mineralized zone.

From surface geologic evidence it was known that the Kosminsky-Comet mineralized zone extended even farther to the south. At time of planning these holes, the V.L.F. survey was already in progress, and preliminary interpretation of data backed the geological evidence that the mineralized zone extended to the south. In addition, a mineralized zone was intersected in hole S.C.-3, located to the north of the proposed holes.

Two of the holes, S.C.-4 and S.C.-4A, were planned to be drilled in the same direction and from the same drilling site, but at different dip angles, with the purpose of establishing again the attitude of the mineralized zone. These two holes were drilled in a vertical plane 300 feet south from S.C.-3, while S.C.-5 was drilled in a vertical plane another 300 feet south of S.C.-4.

All these holes reached the targets intended, thus supporting the existing geological and geophysical evidence that the Kosminsky-Comet mineralized zone extends for approximately 3,200 feet (between K.H.-2 and S.C.-5) and that the zone is open at both north and south ends. Geologic and geophysical data indicate extension of the zone in both these directions. Diamond drill holes to test the extension at both ends will be proposed later.

S.C.-4: Chemical analyses data shows several mineralized intersections running in width from 1 foot to 9 feet wide, with averages of 5% Pb, 2.6% Zn and 2.1 oz Ag. These intersections are within a zone from 537 feet to 638 feet down the hole.

S.C.-4A: Chemical analyses data also show several mineralized intersections scattered between 346 feet and 539 feet down the hole. The width of these intersections range from 5 feet to 59 feet with average values ranging between 3.05% Pb, 3.24% Zn, 4.3 oz Ag, and 0.96% Pb, 1.37% Zn, 1.7 oz Ag.

S.C.-5: S.C.-5 intersected the mineralized zone also and had the best intersection, between 387 feet and 400 feet down the hole, averaging 1.71% Pb, 5.64% Zn and 1.3 oz Ag.

West Comet Series

Diamond drill holes were proposed in this area to test the following:

1. Mineralization with and at serpentinite contacts (mainly Ni, Cr, Ti).
2. Mineralization with a small volcanic unit cropping out in this area.
3. Mineralization below gossanous zone identified on surface, and also related to former producing mine, West Comet.
4. Mineralization along contact zone, between lower Cambrian and Proterozoic (upper Precambrian) Oonah Formation, consisting of quartzite, slates, shales and dolomite.

Three holes (W.C.-4, W.C.-5 and W.C.-6) were planned. Of these, W.C.-4 and W.C.-5 have been completed, while W.C.-6 is now in progress (September 7, 1971).

W.C.-4 was completed, logged and sampled. Geology down the hole is more complicated than expected, and drilling rather difficult, with relatively poor core recovery. Chemical analyses were performed mostly on sludge, and the results are disappointing. There are only two intersections, around 355 feet and 620 feet respectively, which have over 1% Pb.

W.C.-5: Often poor core recovery due to the very difficult ground. The hole caved and had to be abandoned. Very little information came out of this hole.

W.C.-6 is the last attempt in this area to test the targets mentioned, and this hole is now in progress with comparatively fair core recovery.

W.C.-7: Although indicated as proposed, due to experience from W.C.-4 and W.C.-5, has very little chance of being drilled.

Kosminsky Hill East and Ainslie Series

Based on geologic, geochemical and geophysical data, the existence of a new mineralized zone parallel to Kosminsky-Comet mineralized zone, and east of it, is inferred. To test this, a number of diamond drill holes have been proposed, after the respective anomalous areas have been re-examined on surface.

Four Kosminsky Hill East (K.H.E.), and three Ainslie (A.), drill holes are proposed. All these holes are aimed at testing indicated Pb-Zn surface geochemical anomalies, V.L.F. anomalies and favourable lithologic units (Crimson Creek Formation), and/or lithologic contacts (Crimson Creek-Oonah contact).

K.H.E.-1 is expected to cross the Cambrian Crimson Creek Formation which, on surface, is expressed mainly as argillites and arenites, under two Pb-Zn surface geochical anomalies, and a possible V.L.F. anomalous zone, before reaching under V.L.F. anomaly No. 16 (see V.L.F. anomaly map 1/273 in L.J.B. Richardson's Report of August, 1971), which appears to be outside the contact with Precambrian Oonah Formation. Finally, between 900 feet and 1,000 feet, the hole might intersect a fault zone which on surface is expressed as an 18 inch wide shear, filled with sphalerite mainly.

K.H.E.-2 is expected to cross the same lithologic contact as K.H.E.-1, and under two broad V.L.F. anomalies, while between 700 feet and 1,000 feet, it will intersect the conductive body creating V.L.F. anomaly No. 15, which is presumed to dip to the west.

K.H.E.-3 will start in Precambrian, but closer to V.L.F. anomaly No. 15, and penetrate under a limonite-manganese rich, gossanous zone which is over a fault zone identified on surface, and finally it will intersect the conductive body creating V.L.F. anomaly No. 25.

K.H.E.-4 is to be drilled in a vertical plane parallel to K.H.E.-2 and K.H.E.-3, but 400 feet to the north. It also is expected to cross the same fault as K.H.E.-3, and between 500 feet and 750 feet it will intersect under V.L.F. anomaly No. 25 also.

A.-1 is to be started, and possibly stay all the way, in Precambrian Oonah quartzites and slates. It will be so oriented that it will test V.L.F. anomaly No. 31 and No. 24. Also, it is hoped that it will intersect at depth a series of narrow mineralized fractures.

A.-2 is parallel to A.-1, but 380 feet to the south. It will test, primarily, V.L.F. anomaly No. 34.

A.-3 is to the north of A.-1, and will test V.L.F. anomalies No. 28 and No. 29, as well as a possible gossanous zone, and quartz veins recognized on surface,

North Comet No. 1 and No. 2

N.C.-1 and N.C.-2 are two diamond drill holes to be drilled under V.L.F. anomaly No. 2, which by simply considering V.L.F. readings, is the highest obtained so far. This anomaly also has a new aspect in that it is within the Precambrian Concert Schist, which is the oldest known rock in the area. The anomaly is also along a fault expressed on surface at this location as an oxidized zone. Several small mining prospects have been identified in the area. Based on data available to date (surface geology and geophysics), a dip to the west is assumed, and at least the first hole will be drilled to the east. The length of this hole will be in the vicinity of 800 feet.

Since one drill hole alone cannot be considered conclusive, the second hole (N.C.-2) should be drilled, even if N.C.-1 should prove disappointing from a mineralization point of view. The exact location, direction and dip of N.C.-2 would have to be based on data from N.C.-1.

Kosminsky Hill additional diamond drill holes

Two more holes, Kosminsky Hill No. 10 and No. 11, are planned under V.L.F. anomaly No.20. This is the northern extension of Kosminsky Hill mineralized zone. These will be relatively short holes (600 feet each), and directed to the east. Besides testing the extension of a known mineralized zone, and of the V.L.F. anomaly, these holes will test also the relationship between the Cambrian Crimson Creek Formation and the Precambrian Oonah Formation, both considered of interest from a mineralization point of view.

CONCLUDING NOTE

This drilling programme should be considered as a flexible programme. New data is continuously being generated and collected. Updating knowledge and interpretation will be followed by revision of the programme. The twelve diamond drill holes planned total 10,300 feet, which will require three drill rigs at Dundas until the end of 1971. Drill sites have been programmed for six of the holes proposed, and preparation for the other six is in progress.

Another sixteen proposed drill holes are being studied for next year's programme. Work now in progress in the Carbine Hill East and West grids, as well as in the Montezuma zone, will quite likely result in additional anomalous areas, some of which might prove worthy of being diamond drill tested.

J.D. JUILLAND,
August/September, 1971.

APPENDIX VIII

APPENDIX VIII

MISCELLANEOUS STATISTICAL FIGURES

1. DRILLING

   Total number of holes drilled in the area: 80

   Cumulative footage: 53,056 feet

2. LINE CUTTING

   Number of grids: 15

   Cumulative line feet: 667,610 feet

3. BULLDOZING

   Vehicular tracks: 5.88 miles

4. ROCK AND SOIL SAMPLING

   Total number of samples collected and analysed at Geophoto Geochemical Laboratory: 8,048

APPENDIX IX

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GEOCHEMICAL LABORATORY SHEETS

51/1-3
76/1
79/1
80/1
85/1
99/1

135/5
146/1
166/1
Missing { 182/1
197/1-2

204/1
220/1-3
Missing 239/1

307/1-2
315/1,1B,2
316/1-2
323/1-2
374/1 Missing 374/1-10
391/1-7

410/1-2
423/2
423/3
431/1-2
433/13-14
Volume 3 451/1-4
451/4-7
482/1-7

546/1-6

622/1-3
637/2-7
684/1-4
696/2-3

702/1-5
718/1-3
718/4
776/1-5
791/1-5

817/1-5
818/1-17
831/2
834/1
852/1
861/1
862/2
873/1-3
874/1-2
875/1-5
879/1
882/1-5
885/1-4
888/1-5
891/1-3
895/1-6

914/1-11
918/1-5
929/1-13
931/1-2
932/1-11
933/1-11
934/1

1043/3-5
1047/1-4
1054/1-3
1056/1-3

1147/1-3

1252/1
1255/1-2
1268/1
1284/1-8

1319/1-2

1498/1 Missing

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 000252 Project No. EL 7/68 Comet E West Comet

LAB. SHEET No. 51/1 Rock DATE: 9th October, 1969.

SAMPLE No.	LAB. No.	Cu ppm	Cu Av.	Ni ppm	Ni Av.	Pb ppm	Pb Av.	Zn ppm	Zn Av.
B 8 S 15	69-K- 1	60	60	10	10	50	50	90	75
		60		15		50		60	
B 8 S 48	69-K- 2	110	105	70	75	1.6%	1.6%	3700	3750
		100		85		1.6%		3800	
B 8 S 25	69-K- 3	130	125	50	50	4000	4400	3½%	3½%
		120		55		4200		3½%	
B 9 S 1	69-K- 4	30	35	55	55	40	45	670	650
		40		60		50		630	
B 8 S 27	69-K- 5	40	40	35	35	4700	4700	1.3%	1.3%
		40		40		4700		1.4%	
B 9 S 3	69-K- 6	375	360	150	145	150	145	320	315
		340		145		140		310	
B 8 S 20	69-K- 7	85	85	200	200	115	115	190	190
		85		200		120		190	
B 8 S 21A	69-K- 8	50	50	310	295	1800	1800	1500	150
		50		280		1850		1500	
B 8 S 21B	69-K- 9	20	15	270	270	415	400	950	945
		15		270		390		940	
B 9 S 2	69-K-10	630	625	530	530	3800	3850	370	3650
		620		530		3900		3600	

METHODS: G.R.C. No. 101.

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 000252 Project No. EL 7/68

LAB. SHEET No.: 51/2 Rock DATE: 9th October, 1969

SAMPLE No.	LAB. No.	Ag ppm	Ag Av.
B 8 S 15	69-K- 1	1	1
		2	
B 8 S 46	69-K- 2	17	17
		17	
B 8 S 25	69-K- 3	4	5
		4	
B 9 S 1	69-K- 4	BLD	1
		1	
B 8 S 27	69-K- 5	13	13
		14	
B 9 S 3	69-K- 6	2	2
		3	
B 8 S 20	69-K- 7	3	3
		4	
B 8 S 21A	69-K- 8	4	4
		4	
B 8 S 21B	69-K- 9	3	3
		3	
B 9 S 2	69-K-10	680	660
		640	

METHODS: G.R.C. No. 101.

B.L.D: Below Limit of Detection.

Chief Chemist [signature]

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 000252 Project No. EL7/68

LAB. SHEET No.: 51/3 Rock DATE: 9th October, 1969.

SAMPLE No.	LAB. No.	Cu ppm	Cu Av.	Ni ppm	Ni Av.	Pb ppm	Pb Av.	Zn ppm	Zn Av.
B 8 S 48	69-K-11	20	20	180	180	1800	1700	5900	5550
		20		185		1600		5200	
B 8 S 32	69-K-12	120	120	75	80	6900	7150	4600	4600
		120		85		7200		4600	
B 8 S 19	69-K-13	95	90	225	225	860	870	1600	1650
		90		225		880		1700	
B 6 S 1	69-K-14	1300	1300	225	225	2%	28.5%	770	795
		1300		225		28%		820	
B 5 S 7	69-K-15	30	30	45	45	750	750	330	335
		30		45		750		340	
B 5 S 5	69-K-16	35	30	610	615	30%	30.5%	520	525
		25		620		31%		530	
B 5 S 3	69-K-17	850	850	320	315	10.5%	11%	6.2%	6.4%
		850		310		11%		6.6%	
B 5 S 4	69-K-18	55	55	900	900	8.5%	8.5%	3.4%	3.4%
		60		900		8.5%		3.4%	
B 3 S 30	69-K-19	95	95	35	35	6500	6600	1100	1100
		95		35		6700		1100	
B 30 S 21	69-K-20	165	160	45	45	1.4%	1.4%	6200	6100
		160		45		1.35%		6000	

METHODS:

Chief Chemist

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Telephone 27320 Telephone 27 [illegible]

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 000254 Project No. EL7/68 Comet E West Comet

LAB. SHEET No.: 76/1. Rock DATE: 7th November, 1969.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
W.A. 1	69-L-62	130	585	120	3.7%	1.10%	7
W.A. 2	69-L-63	290	515	155	2.07%	8.0%	23
P.L. 1	69-L-64	15	415	200	100	1030	BLD
R.L. 1	69-L-65	160	780	215	2.9%	7900	3
S.C. 1	69-L-66	20.0%	3800	1680	115	230	55
B1S3	69-L-67	150	450	355	4.4%	3100	120
B1S17	69-L-68	15	95	85	225	1850	2
B2S2	69-L-69	25	170	105	1.06%	4550	5
B2S3	69-L-70	360	115	130	3.81%	5000	4
B2S5	69-L-71	30	200	70	160	180	3
B2S6	69-L-72	30	1000	115	40	910	3
B2S7	69-L-73	90	465	240	6050	2040	9
B2S9	69-L-74	1150	1650	390	3260	5200	15
B3S8	69-L-75	115	1500	510	260	910	3
B3S32	69-L-76	145	3750	340	2300	1950	5
B4S5	69-L-77	440	750	115	1420	7800	4
B5S1	69-L-78	15	1350	145	290	600	5
B8S1	69-L-79	250	205	90	7.50%	30.7%	135
B8S3	69-L-80	50	265	75	8.5%	8.6%	60
B8S5	69-L-81	45	95	70	6250	2.7%	11
B8S7	69-L-82	535	420	125	17.3%	25.3%	185
B8S12	69-L-83	580	175	140	25.3%	18.8%	740
B8S14A	69-L-84	1320	35	55	9.9%	9700	710
B8S14B	69-L-85	15	40	60	1350	200	9
B10S1	69-L-86	135	750	195	6.7%	2650	38
B10S2	69-L-87	30	680	175	1.18%	2000	6
B10S3	69-L-88	35	590	65	90	195	7
B10S4	69-L-89	40	480	130	60	800	3
B10S10	69-L-90	225	55	120	2.02%	1100	8
B10S11	69-L-91	710	3400	5050	1350	900	5
B10S12A	69-L-92	2850	265	75	60	125	3
B10S12B	69-L-93	425	490	175	60	265	5
B10S18	69-L-94	195	1600	150	4750	230	6
B10S19	69-L-95	125	240	80	3600	2000	11
B10S20	69-L-96	80	1650	560	2.12%	2500	36
B10S22	69-L-97	15	1300	90	160	355	4
B10S24A	69-L-98	105	5300	455	1.17%	2800	8
B10S24B	69-L-99	30	1850	335	305	400	4
B10S25	69-L-100	20	930	135	115	550	5
B10S26	69-L-101	65	245	250	145	540	1
B10S27	69-L-102	240	130	110	1040	2180	2
B11S1	69-L-103	25	55	300	235	410	2
B11S2	69-L-104	10	10	15	20	25	1
B3S4	69-L-105	15	---	---	760	90	---
B3S10	69-L-106	3	---	---	30	70	---
B5S2	69-L-107	10	---	---	215	205	---

METHODS: Samples W.A. 1 to B11S2 by G.R.C. No. 101.
Samples B3S4, B3S10, B5S2 by G.R.C. No. 1.
Tin on Samples B3S4, B3S10 and B5S2 to follow.
B.L.D: Below Limit of Detection.

Chief Chemist R.W. Embrey

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 000254 Project No. EL7/68

LAB. SHEET No.: 79/1. Rock DATE: 10th November, 1969.

SAMPLE No.	LAB. No.	%Sn
B3 S4	69-L-105	0.01
B3 S10	69-L-106	BLD
B5 S2	69-L-107	BLD

METHODS: G.R.C. No. 6B

B.L.D: Below Limit of Detection.

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 0002574 Project No. EL7/68

LAB. SHEET No. 80/1. DATE 10th November, 1969.

SAMPLE No.	LAB. No.	Cr ppm
W.A. 1	69-L-62	950
W.A. 2	69-L-63	530
P.L. 1	69-L-64	560
R.L. 1	69-L-65	80
S.C. 1	69-L-66	100
B1S3	69-L-67	280
B1S17	69-L-68	BLD
B2S2	69-L-69	BLD
B3S3	69-L-70	BLD
B2S5	69-L-71	2360
B2S6	69-L-72	40
B2S7	69-L-73	1600
B2S9	69-L-74	1080
B3S8	69-L-75	400
B3S32	69-L-76	640
B4S5	69-L-77	340
B5S1	69-L-78	2260
B8S1	69-L-79	BLD
B8S3	69-L-80	40
B8S5	69-L-81	60
B8S7	69-L-82	180
B8S12	69-L-83	BLD
B8S14A	69-L-84	60
B8S14B	69-L-85	170
B10S1	69-L-86	270
B10S2	69-L-87	80
B10S3	69-L-88	260
B10S4	69-L-89	70
B10S10	69-L-90	60
B10S11	69-L-91	60
B10S12A	69-L-92	230
B10S12B	69-L-93	580
B10S18	69-L-94	340
B10S19	69-L-95	60
B10S20	69-L-96	1300
B10S22	69-L-97	1800
B10S24A	69-L-98	230
B10S24B	69-L-99	500
B10S25	69-L-100	200
B10S26	69-L-101	160
B10S27	69-L-102	100
B11S1	69-L-103	80
B11S2	69-L-104	140
B3S4	69-L-105	2600
B3S10	69-L-106	880
B5S2	69-L-107	2500

METHODS: G.R.C. No. 5 (not requested on Field Sheet).

B.L.D: Below Limit of Detection.

Chief Chemist

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613186

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Roma Street, Brisbane 4000
Telephone 21 3875

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 00025X4 Project No. EL7/68

LAB. SHEET No.: 85/1. DATE: 12th November, 1969.

SAMPLE No.	LAB. No.	Mn %
W.A. 1	69-L-62	5.13
W.A. 2	69-L-63	2.87
P.L. 1	69-L-64	29.3
R.L. 1	69-L-65	14.5
S.C. 1	69-L-66	0.02
B1S3	69-L-67	3.44
B1S17	69-L-68	9.3
B2S2	69-L-69	4.45
B2S3	69-L-70	6.2
B2S5	69-L-71	0.02
B2S6	69-L-72	15.2
B2S7	69-L-73	9.8
B2S9	69-L-74	11.9
B3S8	69-L-75	12.0
B3S32	69-L-76	0.34
B4S5	69-L-77	0.03
B5S1	69-L-78	0.11
B8S1	69-L-79	4.17
B8S3	69-L-80	7.4
B8S5	69-L-81	9.0
B8S7	69-L-82	1.89
B8S12	69-L-83	2.94
B8S14A	69-L-84	4.93
B8S14B	69-L-85	0.03
B10S1	69-L-86	20.1
B10S2	69-L-87	16.8
B10S3	69-L-88	0.21
B10S4	69-L-89	18.4
B10S10	69-L-90	1.82
B10S11	69-L-91	10.8
B10S12A	69-L-92	4.30
B10S12B	69-L-93	0.06
B10S18	69-L-94	1.25
B10S19	69-L-95	1.66
B10S20	69-L-96	8.2
B10S22	69-L-97	0.02
B10S24A	69-L-98	21.0
B10S24B	69-L-99	0.51
B10S25	69-L-100	9.8
B10S26	69-L-101	1.85
B10S27	69-L-102	24.6
B11S1	69-L-103	8.75
B11S2	69-L-104	BLD
B3S4	69-L-105	BLD
B3S10	69-L-106	BLD
B5S2	69-L-107	BLD

WC ?

METHODS: G.R.C. No. 9.

B.L.D: Below Limit of Detection.

Chief Chemist

Telephone 27520

GEOCHEMICAL LABORATORY REPORT

DUNDAS
Consult. Geochemists

FIELD SHEET No.: 000257 Project No. EL 7/68 & 2nd. 2043

LAB. SHEET No.: 99/1 Rock DATE: 21st November, 1969

SAMPLE No.	LAB. No.	Cu PPM	Ni PPM	Co PPM	Pb %	Zn %	Ag PPM	Sn	
B12 S3	69-L-777	40	370	80	0.15	0.12	2		
B12 S10	778	730	205	400	0.04	0.37	5		
B12 S12	779	65	130	120	0.06	0.40	5		
B12 S14	780	145	100	95	0.16	0.28	2		
B12 S15	781	150	45	70	0.09	0.24	2		
B12 S16	782	300	50	480	0.45	0.35	10		
B12 S17	783	235	60	260	1.00	0.59	15		
B12 S18	784	140	70	225	0.32	0.29	20		
B12 S19	785	275	80	200	0.22	0.31	15		
B12 S20	786	210	110	280	0.24	0.88	20		
B12 S21	787	375	95	390	0.75	0.38	35		
B12 S22	788	95	280	190	0.40	0.28	30		
B12 S24	789	85	920	280	0.49	0.13	40		
B13 S1	790	70	45	100	0.48	0.55	10		
B13 S2A(1)	791	25	45	10	0.09	0.66	5	BLD	
B13 S2A(2)	792	255	45	165	0.66	0.75	10	BLD	
B13 S2B	793	55	40	180	0.40	0.03	5	BLD	
B12 S26	794	15	85	110	0.01	0.01	3		
B12 S27	795	310	90	400	0.32	0.79	10		

METHODS: Cu, Ni, Co, Pb, Zn, Ag by GRC 1
Sn by GRC 6A(c)

BLD = Below limit of detection.

Chief Chemist

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613188

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 000270 Project No. EL7/68

LAB. SHEET No. 135/5. Rock DATE 7th January, 1969.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
B17S1	70-A-63	200	595	200	1.93%	1.34%	4	870
B17S2	70-A-64	70	1700	125	4300	1.48%	7	430
B17S3	70-A-65	BLD	10	BLD	60	140	3	265
B17S4	70-A-66	75	1000	125	475	630	4	980
B17S5	70-A-67	80	1205	80	1215	510	4	615
B17S8	70-A-68	160	580	90	785	840	3	770
B17S9	70-A-69	5	1040	60	180	600	3	2000
B17S10	70-A-70	105	200	170	100	200	BLD	505
B17S11	70-A-71	1100	885	1900	150	1720	3	70
B17S12	70-A-72	115	65	100	2800	940	4	20
B17S13	70-A-73	200	60	50	240	1120	BLD	BLD
B17S14	70-A-74	320	120	70	6800	3060	6	BLD
B17S15	70-A-75	240	760	100	520	560	56	180
B17S16	70-A-76	265	1020	190	1980	2940	4	60
B17S17	70-A-77	310	110	50	850	940	6	110
B17S18	70-A-78	100	70	50	4.0%	6.08%	114	20
B17S19	70-A-79	160	30	50	1.56%	2160	6	BLD

METHODS: Cu, Ni, Co, Pb, Zn, Ag Cr by G.R.C. No. 100.

B.L.D: Below Limit of Detection.

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 000272 Project No. EL7/68

LAB. SHEET No.: 146/1. Rock DATE 15th January, 1970

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm	Sn ppm
B16S1	70-A-174	2	5	BLD	BLD	10	BLD	170	BLD
B16S2	70-A-175	2	5	5	20	45	BLD	80	BLD
B16S3	70-A-176	15	60	90	130	340	2	45	BLD
B16S4	70-A-177	20	10	BLD	0.11%	30	BLD	135	BLD
B16S6	70-A-178	130	0.17%	115	305	0.28%	3	415	BLD
B16S7	70-A-179	260	0.16%	265	0.11%	0.44%	10	590	BLD
B16S8	70-A-180	200	0.16%	340	1.03%	0.28%	5	310	BLD
B16S12A	70-A-181	15	510	170	15	50	BLD	345	BLD
B16S13	70-A-182	35	340	145	850	0.15%	5	430	BLD
B16S14	70-A-183	155	340	135	0.47%	1.55%	3	380	BLD
B16S15	70-A-184	0.49%	1.00%	0.10%	435	0.45%	25	990	BLD
B16S16	70-A-185	190	910	160	0.20%	0.45%	15	155	BLD
B16S5	70-A-186	180	530	150	0.25%	0.45%	25	330	-
B16S9	70-A-187	35	450	45	330	550	2	275	-
B16S10	70-A-188	100	240	115	250	360	3	580	-
B16S11	70-A-189	55	670	95	125	265	2	760	-
B16S12B	70-A-190	5	0.12%	60	55	65	BLD	320	-
B16S17	70-A-191	2	0.19%	65	40	10	BLD	405	-

METHODS: Cu, Ni, Co, Pb, Zn, Ag, Cr by G.R.C. No. 100.
Sn by 103.

B.L.D: Below Limit of Detection.

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 000277 Project No. EL7/68

LAB. SHEET No.: 166/1. Rock DATE: 28th January, 1970

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm	Sn ppm
B14S23	70-A-525	230	690	115	2950	5950	6	20	-
B14S24	70-A-526	425	1100	205	200	3480	4	150	-
B14S25	70-A-527	305	580	155	1.00%	5050	5	40	-
B14S26	70-A-528	15	1150	100	385	270	3	210	-
B18S2	70-A-530	50	1000	240	990	1510	9	920	-
B18S3	70-A-531	90	1050	130	5450	1710	6	670	-
B18S4	70-A-532	360	830	120	5750	860	172	540	-
B18S5	70-A-533	5	35	15	80	75	2	120	-
B18S6	70-A-534	150	1450	710	250	2020	7	180	-
B18S7	70-A-535	90	500	80	3300	660	7	310	-
B18S8	70-A-536	90	1620	120	1270	1810	30	200	-
B18S9	70-A-537	80	610	185	1700	3180	7	1700	-
B19S1	70-A-538	110	520	105	10.0%	5000	263	350	-
B19S2	70-A-539	30	2150	225	200	510	4	470	-
B19S3	70-A-540	40	800	115	1.04%	2200	10	420	-
B16S21	70-A-541	30	310	80	1500	2300	4	550	-
B16S22	70-A-542	175	370	220	8800	6600	6	180	-
B16S23	70-A-543	5	1050	120	400	220	BLD	390	-
B16S24	70-A-544	50	500	135	4000	4720	3	140	-
B18S1	70-A-545	50	880	275	1600	920	3	1040	-
B16S19	70-A-546	90	1300	365	90	790	4	4100	BLD
B16S20	70-A-547	15	390	40	50	220	3	430	BLD
B16S25	70-A-548	10	340	50	130	130	3	200	BLD
B16S26	70-A-549	150	560	105	3200	3130	6	270	BLD
B24S1	70-A-550	160	560	120	2050	2200	5	320	-
B24S2	70-A-551	425	510	160	1650	2500	7	130	-
B24S3	70-A-552	940	710	150	5800	3170	10	110	-
B24S4	70-A-553	25	70	150	500	420	3	90	-
B24S5	70-A-554	580	770	150	7300	1.10%	23	30	-
B24S7	70-A-555	110	510	100	2400	3500	4	60	-
B24S10	70-A-556	80	1850	275	130	400	4	510	-
B24S11	70-A-557	70	220	30	60	110	2	670	-
B24S12	70-A-558	5	470	20	80	40	BLD	290	-

METHODS: Cu, Ni, Co, Pb, Zn, Ag, Cr by G.R.C. No. 100.
Sn by G.R.C. No. 6A.

B.L.D: Below Limit of Detection.

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 000282 Project No. EL7/68

LAB. SHEET No.: 204/1. Rock DATE: 11th March, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
B26/66	70-B-476	70	90	40	2050	530	13	40
B26/67	70-B-477	70	1030	150	390	4900	4	20
B26/68	70-B-478	110	760	125	5800	4100	9	340
B26/69	70-B-479	250	290	55	1255	490	17	120
B26/70	70-B-480	220	490	40	10.7%	4000	300	140
B26/71	70-B-481	30	100	40	10.1%	800	60	40
B26/72	70-B-482	255	280	55	90	130	3	320
B26/73	70-B-483	470	290	50	65	100	3	160
B26/74	70-B-484	110	210	40	45	95	3	40
B26/75	70-B-485	480	285	150	65	145	3	100
B26/76	70-B-486	325	150	75	65	225	3	100
B26/77	70-B-487	360	760	175	895	4800	6	720
B26/78	70-B-488	560	360	110	975	480	4	180
B26/79	70-B-489	450	620	75	260	450	3	1400
B26/80	70-B-490	270	690	225	1400	7400	4	750
B26/81	70-B-491	410	1400	870	2400	4500	7	660
B26/82	70-B-492	240	560	90	500	630	3	1470
B26/83	70-B-493	110	305	60	1200	660	3	1100
B26/84	70-B-494	120	910	175	2350	7200	5	780
B26/85	70-B-495	55	670	110	4700	1.5%	7	275
B26/86	70-B-496	80	460	90	3700	4500	10	115
B26/87	70-B-497	480	750	95	200	680	4	1030
B26/88	70-B-498	225	280	120	2800	270	4	1030
B26/89	70-B-499	1320	2070	820	130	4900	10	375
B26/90	70-B-500	680	385	110	1320	690	7	320
B26/91	70-B-501	100	435	40	140	415	4	530
B26/92	70-B-502	120	1270	375	3400	1.1%	7	750
B26/93	70-B-503	65	1850	520	1465	7000	5	1400
B26/94	70-B-504	130	500	110	650	9200	14	1060
B26/95	70-B-505	40	1430	90	210	7200	3	5000
B26/96	70-B-506	15	190	50	130	350	3	530
B26/97	70-B-507	60	385	340	755	510	4	545
B26/98	70-B-508	30	760	75	130	680	3	695
B26/99	70-B-509	15	70	10	45	60	BLD	450
B26/100	70-B-510	5	3150	125	75	90	BLD	500
B26/101	70-B-511	110	2000	145	90	155	3	2000
B26/102	70-B-512	185	180	50	110	125	3	125
B26/103	70-B-513	5	2070	90	90	90	BLD	375

METHODS: Cu, Ni, Co, Pb, Zn, Ag, Cr by G.R.C. No. 100.

B.L.D: Below Limit of Detection.

Chief Chemist Ray W. Yeabsley

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613192

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 000288 PROJECT No.: EL7/68 - DUNDAS - South Comet

LAB. SHEET No.: 220/1. SAMPLE TYPE: S. P./ Rock DATE: 26th March, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
B29.2	70-C-121	55	790	520	2200	2000	2
B29.3	70-C-122	60	115	55	225	4300	2
B29.5	70-C-123	60	725	100	2180	6300	15
B29.7	70-C-124	120	1660	90	1800	1.14%	5
B29.8	70-C-125	70	1200	95	1820	1.01%	6
B29.9	70-C-126	BLD	25	5	275	230	BLD
B30.4	70-C-127	45	190	60	4180	1.37%	13
B30.25	70-C-128	235	1030	105	1400	5750	4
B30.26	70-C-129	100	740	165	950	4100	2
B30.27	70-C-130	55	295	145	2050	3500	7
B30.28	70-C-131	35	910	190	2180	5100	3
B30.29	70-C-132	35	355	140	1700	2900	3
B30.30	70-C-133	10	155	35	295	640	1
B30.31	70-C-134	45	266	65	1750	4000	4
B30.32	70-C-135	45	1430	105	830	1.05%	3
B30.33	70-C-136	20	825	80	480	3750	2
B30.34	70-C-137	40	1050	120	3400	8600	8
B30.35	70-C-138	140	1220	120	5200	9400	8
B30.36	70-C-139	25	825	50	385	5900	2
B30.37	70-C-140	215	925	105	900	4700	2
B30.37B	70-C-141	120	840	155	2800	4700	2
B30.38	70-C-142	75	2025	80	800	1.10%	3
B30.39	70-C-143	55	400	125	1590	4000	9
B30.40	70-C-144	50	590	80	3510	2900	4
B30.44	70-C-145	290	65	15	9.05%	1400	12
B30.51	70-C-146	5	305	80	690	335	3
B30.53	70-C-147	100	2175	355	1570	8250	3
B30.55	70-C-148	80	3675	560	3800	1.33%	1
B30.56	70-C-149	200	1960	380	1550	9000	10
B30.58(soil)	70-C-150	140	50	35	1.27%	1.56%	32
B31.1	70-C-151	130	30	15	100	300	1
B31.2	70-C-152	50	85	70	5620	1.25%	4
B31.3	70-C-153	40	25	30	485	270	1
B31.4	70-C-154	35	25	25	225	180	1
B31.5	70-C-155	50	30	30	300	245	1
B31.6	70-C-156	330	135	50	140	205	BLD
B31.6B(soil)	70-C-157	55	30	30	300	400	BLD
B31.8A	70-C-158	215	55	40	1.05%	3200	6
B31.8B	70-C-159	210	70	60	1.91%	4100	8
B31.9	70-C-160	25	30	30	200	365	3
B31.10A	70-C-161	105	45	40	6670	4300	7
B31.10B	70-C-162	165	65	65	1.70%	6800	10
B31.10C	70-C-163	125	70	60	1.37%	6600	7
B31.11	70-C-164	95	100	75	5870	2500	1
B31.13	70-C-165	235	45	55	1.06%	6100	20
B31.14	70-C-166	255	20	30	1.07%	3750	4

METHODS: Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1.

B.L.D: Below Limit of Detection.

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. Jenkyns

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613193

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 000288/289 PROJECT No.: EL7/68

LAB. SHEET No.: 220/2. SAMPLE TYPES: S. P./ Rock DATE: 26th March, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
B31.17	70-C-167	1360	120	65	1.30%	1.00%	35
B31.19	70-C-168	85	50	95	4980	4300	7
B31.21	70-C-169	75	135	90	475	5750	8
B31.22	70-C-170	60	125	100	560	4700	4
B31.18C	NO LAB NO.	240	120	75	1.67%	7250	10
B31.23	70-C-171	60	80	75	2780	5100	8
B31.24	70-C-172	60	80	60	335	530	7
B31.34	70-C-173	60	55	45	1.57%	5500	4
B31.35	70-C-174	275	85	55	9780	4700	2
B35.11	70-C-175	35	50	65	1300	625	1
B35.12	70-C-176	35	65	40	370	4900	2
B35.14B	70-C-177	55	20	305	1900	1200	13
B35.14C	70-C-178	20	35	35	1420	2000	4
B35.15A	70-C-179	50	50	85	1970	3300	6
B35.15B(1)	70-C-180	25	85	60	2200	9000	4
B35.15B(2)	70-C-181	115	55	65	6030	5100	4
B35.16	70-C-182	60	85	50	8550	5100	4
B35.17	70-C-183	380	55	80	1.87%	4300	6
B35.18	70-C-184	70	20	40	8600	355	1
B35.19	70-C-185	55	110	95	8600	6300	6
B35.20	70-C-186	140	120	60	8200	6800	5
B35.21	70-C-187	30	75	25	580	255	1
B35.23	70-C-188	40	60	105	5700	3300	4
B35.24	70-C-189	45	85	140	5980	3200	4
B35.25	70-C-190	20	35	75	1450	2750	9
B35.26	70-C-191	245	140	125	2200	3500	2
B35.27	70-C-192	10	80	25	1550	440	1
B35.32	70-C-193	15	25	45	370	155	BLD
B35.33	70-C-194	100	55	75	2400	4100	11
B35.34	70-C-195	65	55	65	775	2200	3
B35.36	70-C-196	10	85	90	1130	8600	2
B35.37	70-C-197	10	30	20	95	455	BLD
B35.38	70-C-198	20	75	45	1130	2000	1
B35.39	70-C-199	35	145	35	145	310	BLD
B35.40	70-C-200	80	80	55	7770	5900	6
B35.41	70-C-201	25	100	45	820	2750	1
B35.42	70-C-202	2	60	5	80	1500	BLD
B35.47	70-C-203	20	135	45	565	3750	1
B36.3	70-C-204	5	15	10	120	160	BLD
B36.6	70-C-205	5	35	20	135	390	BLD
B36.19	70-C-206	40	25	20	2000	560	2
B36.20	70-C-207	45	25	35	3200	350	2
B36.21	70-C-208	65	65	35	3730	3500	6
B36.22	70-C-209	105	65	25	1430	6300	3
B36.23	70-C-210	70	255	55	1200	6300	3
B36.24(1)	70-C-211	65	45	30	1200	420	2

METHODS:

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Chief Chemist

Ray W. Gardner

613194

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 000289/290 PROJECT No.: EL7/68

LAB. SHEET No.: 220/3. SAMPLE TYPE: S.P./Rock DATE: 26th March, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
B36.26	70-C-212	25	30	20	1800	115	1
B36.27	70-C-213	80	100	40	3600	5750	3
B36.28	70-C-214	65	45	45	3800	290	4
B36.29	70-C-215	90	35	25	3970	410	2
B36.44	70-C-216	400	45	65	8720	5750	8
B36.45	70-C-217	70	80	110	3200	6300	4
B36.46	70-C-218	90	175	165	3800	1.00%	3
B36.49A	70-C-219	60	160	245	670	4700	1
B36.49B	70-C-220	15	60	50	3250	2750	1
B35.43	NO LAB NO.	20	135	65	4630	1.14%	3
B36.24(11)	NO LAB NO.	25	40	30	1920	2500	1
B36.50	70-C-221	5	30	25	385	640	BLD
B36.51	70-C-222	30	15	5	170	95	BLD
B36.52	70-C-223	15	45	25	565	2750	BLD
B36.54	70-C-224	15	70	40	85	2000	BLD
B36.55A	70-C-225	5	60	45	235	4700	1
B36.55B	70-C-226	30	180	80	900	1.14	2
B36.56	70-C-227	10	50	55	295	5900	1
B36.57	70-C-228	15	55	45	365	4700	2
B36.58	70-C-229	15	55	60	500	5100	2
B36.59	70-C-230	60	105	95	1340	1.95%	2
B36.60	70-C-231	20	65	35	660	1.84%	2
B36.61	70-C-232	5	105	40	220	9400	1
B36.61A	70-C-233	25	145	55	1090	1.80%	1
B36.62	70-C-234	10	120	50	6160	1.54%	2
B36.63	70-C-235	15	30	25	1.18%	3750	12
B36.64	70-C-236	55	20	135	1.55%	170	1
B36.65	70-C-237	45	25	105	1.31%	610	1
B36.66	70-C-238	80	100	50	2400	5500	1
B36.67	70-C-239	155	70	280	1.22%	4300	13
B36.68	70-C-240	165	85	70	9390	5100	3
B36.69	70-C-241	35	35	60	2950	2300	4
B36.70	70-C-242	35	40	105	6670	2000	1
B36.71	70-C-243	85	55	45	6800	4700	2
BXA	70-C-244	15	120	100	950	7250	2

METHODS:

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Chief Chemist

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613195

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001475 PROJECT No.: EL 7/68 WEST COMET

LAB. SHEET No.: 307/1 SAMPLE TYPE: SOIL PROFILE, ROCK DATE: 10th JUNE, 1970

1800 E

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
1280E - S	70-E-1318	330	290	115	4600	3400	2	260
1290E - R	70-E-1319	305	420	145	3400	6700	4	310
1300E - R	70-E-1320	85	360	75	3500	4900	5	350
1310E - R	70-E-1321	85	440	65	1900	4900	3	240
1320E - S	70-E-1322	105	460	80	2500	6300	7	290
1330E - R	70-E-1323	130	385	95	3000	5600	17	235
1340E - R	70-E-1324	275	285	135	1.92%	6700	19	90
1350E - R	70-E-1325	145	950	85	5200	7200	3	365
1360E - R	70-E-1326	135	825	75	7700	8200	3	425
1370E - R	70-E-1327	205	430	100	9800	5900	4	370
1380E - R	70-E-1328	215	600	100	1.00%	5900	3	255
1390E - R	70-E-1329	155	240	115	4600	2300	1	90
1400E - R	70-E-1330	160	145	115	1.99%	4000	2	150
1410E - R	70-E-1331	210	85	25	8800	3700	3	140
1420E - R	70-E-1332	100	10	5	540	220	6	110
1420E - S	70-E-1333	240	50	20	2150	3100	8	130
1430E - R	70-E-1334	200	15	10	705	425	7	30
1440E - S	70-E-1335	190	70	50	1.16%	3400	17	90
1450E - S	70-E-1336	200	215	80	1.26%	5200	21	120
1460E - S	70-E-1337	230	300	65	1.50%	7200	16	150
1470E - S	70-E-1338	170	300	90	1.36%	5200	14	90
1480E - R	70-E-1339	105	95	15	2750	2700	7	150
1490E - R	70-E-1340	140	235	20	5100	3400	3	120
1500E - R	70-E-1341	75	30	10	2300	2200	1	95
1510E - S	70-E-1342	270	270	55	735	4900	5	20
1520E - R	70-E-1343	175	145	35	1.31%	4400	2	160
1530E - S	70-E-1344	150	180	60	7700	4400	11	170
1540E - S	70-E-1345	195	140	80	1.15%	3100	13	150
1550E - S	70-E-1346	290	260	105	6900	4000	20	70
1560E - S	70-E-1347	355	775	105	430	4000	9	35
1570E - R	70-E-1348	140	135	25	7500	3700	10	180
1580E - S	70-E-1349	345	425	95	2300	4400	22	45
1590E - S	70-E-1350	225	220	115	1.35%	4000	15	100
1600E - S	70-E-1351	280	245	115	1.50%	4900	15	110
1610E - S	70-E-1352	270	225	135	1.73%	4700	4	130
1620E - S	70-E-1353	230	205	130	1.50%	3700	3	120
1630E - S	70-E-1354	255	225	135	1.25%	3400	3	110
1640E - S	70-E-1355	240	230	140	7700	4000	5	90
1650E - S	70-E-1356	240	230	165	1.12%	4700	9	95
1660E - S	70-E-1357	240	230	135	5700	4000	20	75
1670E - S	70-E-1358	225	200	130	5800	4000	15	65
1680E - S	70-E-1359	195	165	120	1.03%	3400	15	60
1690E - S	70-E-1360	110	70	80	3050	2300	11	40
1700E - S	70-E-1361	50	20	55	1800	1800	6	35
1710E - S	70-E-1362	25	10	15	510	80	3	50
1720E - S	70-E-1363	10	5	5	660	30	3	80

METHODS: Cu, Ni, Co, Pb, Zn, Ag, Cr by GRC 1.

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B.L.D: Below Limit of Detection

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001475 PROJECT No.: EL 7/68 WEST COMET

LAB. SHEET No.: 307/2 SAMPLE TYPE: SOIL PROFILE, ROCK DATE: 10th JUNE, 1970

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
1730E - S	70-E-1364	5	BLD	BLD	320	10	3	70
1740E - S	70-E-1365	10	5	BLD	220	15	2	60
1750E - S	70-E-1366	10	BLD	BLD	160	10	3	70
1760E - S	70-E-1367	5	BLD	BLD	90	BLD	2	70
1770E - S	70-E-1368	10	BLD	BLD	55	5	2	55
1780E - S	70-E-1369	5	BLD	BLD	30	10	3	90
1790E - S	70-E-1370	5	BLD	BLD	50	10	1	70
1800E - S	70-E-1371	3	BLD	BLD	60	10	1	70

METHODS: Cu, Ni, Co, Pb, Zn, Ag, Cr, by GRC 1

NATA

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

B.L.D: Below Limit of Detection

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 1479 PROJECT No.: EL 7/68 DUNDAS: WEST COMET - PLATT

LAB. SHEET No.: 315/1 SAMPLE TYPE: SOIL PROFILE ROCK DATE: 22nd June, 1970

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
250E-R	70-F- 9	140	460	45	95	500	2	245
260E-R	70-F-10	45	100	5	155	150	BLD	105
270E-R	70-F-11	BLD	10	BLD	15	5	BLD	55
280E-R	70-F-12	BLD	0.14%	55	170	190	BLD	840
290E-R	70-F-13	2	20	5	80	5	BLD	65
300E-R	70-F-14	60	150	65	350	170	2	800
310E-R	70-F-15	95	240	80	115	175	2	0.13%
320E-R	70-F-16	50	540	105	110	220	2	0.21%
330E-R	70-F-17	170	220	90	115	250	2	0.20%
340E-R	70-F-18	85	155	75	135	175	2	0.19%
350E-R	70-F-19	75	145	70	80	140	2	0.19%
360E-R	70-F-20	90	200	105	80	140	2	0.21%
370E-R	70-F-21	155	250	75	130	130	2	0.19%
380E-R	70-F-22	135	280	80	660	295	2	0.19%
390E-R	70-F-23	175	355	230	410	120	2	0.17%
400E-R	70-F-24	110	225	95	200	150	2	0.23%
410E-R	70-F-25	95	345	125	220	250	2	0.40%
420E-R	70-F-26	75	295	160	110	250	2	0.31%
430E-R	70-F-27	55	285	150	100	210	2	0.38%
440E-R	70-F-28	55	460	140	120	260	2	0.40%
450E-R	70-F-29	45	255	140	115	210	2	0.29%
460E-R	70-F-30	50	310	120	155	220	1	0.36%
470E-R	70-F-31	50	275	135	135	250	2	0.37%
480E-R	70-F-32	50	380	150	145	290	2	0.42%
490E-R	70-F-33	45	355	115	280	250	1	0.38%
500E-S	70-F-34	2	10	5	20	25	1	400
500E-R	70-F-35	15	130	45	75	100	1	0.28%
510E-R	70-F-36	25	265	75	80	200	2	0.34%
520E-R	70-F-37	20	900	60	75	550	1	0.24%
530E-R	70-F-38	25	0.11%	55	220	360	2	0.28%
540E-R	70-F-39	25	975	95	130	380	2	0.44%
550E-R	70-F-40	10	345	80	120	200	2	0.43%
560E-R	70-F-41	25	285	100	120	240	2	0.45%
570E-R	70-F-42	15	385	45	110	190	2	0.23%
580E-R	70-F-43	25	265	60	120	210	2	0.21%
590E-S	70-F-44	90	200	30	70	95	1	720
600E-R	70-F-45	160	265	45	165	170	2	180
610E-R	70-F-46	105	235	60	135	210	2	220
620E-R	70-F-47	75	150	55	85	140	2	40
630E-R	70-F-48	55	175	60	55	140	2	105
640E-R	70-F-49	55	180	70	70	190	1	35
650E-R	70-F-50	50	140	75	55	180	1	30
660E-R	70-F-51	10	140	60	55	190	1	40
670E-R	70-F-52	45	75	55	65	120	1	30
680E-R	70-F-53	35	105	30	215	130	1	105
690E-S	70-F-54	40	60	10	230	110	1	60

METHODS: Cu, Ni, Co, Pb, Zn, Ag, Cr by GRC.1

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

B.L.D: Below Limit of Detection

Chief Chemist

Ray W. Ferguson

613198

202

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 1479 PROJECT No.: EL 7/68 DUNDAS: WEST COMET - PLATT

LAB. SHEET No.: 315/1 (6) SAMPLE TYPE: SOIL PROFILE ROCK DATE: 22nd June, 1970

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
250E-R	70-F- 9	140	460	45	95	500	2	245
260E-R	70-F-10	45	100	5	155	150	BLD	105
270E-R	70-F-11	BLD	10	BLD	15	5	BLD	55
280E-R	70-F-12	BLD	0.14%	55	170	190	BLD	840
290E-R	70-F-13	2	20	5	80	5	BLD	65
300E-R	70-F-14	60	150	65	350	170	2	800
310E-R	70-F-15	95	240	80	115	175	2	0.13%
320E-R	70-F-16	50	540	105	110	220	2	0.21%
330E-R	70-F-17	170	220	90	115	250	2	0.20%
340E-R	70-F-18	85	155	75	135	175	2	0.19%
350E-R	70-F-19	75	145	70	80	140	2	0.19%
360E-R	70-F-20	90	200	105	80	140	2	0.21%
370E-R	70-F-21	155	250	75	130	130	2	0.19%
380E-R	70-F-22	135	280	80	660	295	2	0.19%
390E-R	70-F-23	175	355	230	410	120	2	0.17%
400E-R	70-F-24	110	225	95	200	150	2	0.23%
410E-R	70-F-25	95	345	125	220	250	2	0.40%
420E-R	70-F-26	75	295	160	110	250	2	0.31%
430E-R	70-F-27	55	285	150	100	210	2	0.38%
440E-R	70-F-28	55	460	140	120	260	2	0.40%
450E-R	70-F-29	45	255	140	115	210	2	0.29%
460E-R	70-F-30	50	310	120	155	220	1	0.36%
470E-R	70-F-31	50	275	135	135	250	2	0.37%
480E-R	70-F-32	50	380	150	145	290	2	0.42%
490E-R	70-F-33	45	355	115	280	250	1	0.38%
500E-S	70-F-34	2	10	5	20	25	1	400
500E-R	70-F-35	15	130	45	75	100	1	0.28%
510E-R	70-F-36	25	265	75	80	200	2	0.34%
520E-R	70-F-37	20	900	60	75	550	1	0.24%
530E-R	70-F-38	25	0.11%	55	220	360	2	0.28%
540E-R	70-F-39	25	975	95	130	380	2	0.44%
550E-R	70-F-40	10	345	80	120	200	2	0.43%
560E-R	70-F-41	25	285	100	120	240	2	0.45%
570E-R	70-F-42	15	385	45	110	190	2	0.23%
580E-R	70-F-43	25	265	60	120	210	2	0.21%
590E-S	70-F-44	90	200	30	70	95	1	720
600E-R	70-F-45	160	265	45	165	170	2	180
610E-R	70-F-46	105	235	60	135	210	2	220
620E-R	70-F-47	75	150	55	85	140	2	40
630E-R	70-F-48	55	175	60	55	140	2	105
640E-R	70-F-49	55	180	70	70	190	1	35
650E-R	70-F-50	50	140	75	55	180	1	30
660E-R	70-F-51	10	140	60	55	190	1	40
670E-R	70-F-52	45	75	55	65	120	1	30
680E-R	70-F-53	35	105	30	215	130	1	105
690E-S	70-F-54	40	60	10	230	110	1	60

METHODS: Cu, Ni, Co, Pb, Zn, Ag, Cr by GRC.1

NATA

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B.L.D: Below Limit of Detection

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 1479 PROJECT No.: EL 7/68 DUNDAS: WEST COMET - PLATT.

LAB. SHEET No.: 315/2 SAMPLE TYPE: SOIL PROFILE DATE: 22nd June 1970

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
700E-S	70-F-55	15	15	5	240	45	BLD	35
710E-S	70-F-56	40	20	15	0.16%	230	1	35
720E-S	70-F-57	205	75	35	0.93%	0.16%	9	70
730E	NOT TAKEN							
600E-S	70-F-58	85	85	15	0.11%	160	2	75

METHODS: Cu, Ni, Co, Pb, Zn, Ag, Cr by GRC.1

NATA

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B.L.D: Below Limit of Detection

Chief Chemist Ray W. Gerlach

198

613200

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001474 PROJECT No.: EL 7/68 WEST COMET - PLATT

LAB. SHEET No.: 316/1 SAMPLE TYPE: SOIL PROFILE / ROCK DATE: 19th June, 1970

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
800E-S	70-E-1267	30	1000	200	75	280	3	1.21%
810E-S	70-E-1268	35	840	235	100	310	3	1.13%
820E-R	70-E-1269	45	840	150	110	280	3	9825
830E-R	70-E-1270	40	1140	165	110	240	3	3860
840E-R	70-E-1271	25	1870	395	110	295	2	7575
850E-S	70-E-1272	15	1690	355	205	265	2	1.10%
860E-S	70-E-1273	15	1530	380	145	235	2	6600
870E-S	70-E-1274	20	1130	390	310	275	2	1.06%
880E-S	70-E-1275	35	770	380	705	310	3	6600
890E-S	70-E-1276	55	4800	490	1090	340	3	4650
900E-S	70-E-1277	60	5250	315	395	545	5	1680
910E-S	70-E-1278	70	4800	390	655	480	6	2980
920E-S	70-E-1279	65	1390	275	1215	290	4	1620
930E-S	70-E-1280	65	1700	295	1140	255	5	1760
940E-S	70-E-1281	80	1040	245	3615	695	4	1540
950E-S	70-E-1282	60	590	155	1090	260	3	1260
960E-S	70-E-1283	85	290	110	1415	735	4	1380
970E-R	70-E-1284	70	1040	205	1665	520	4	1300
980E-R	70-E-1285	70	1880	335	1140	265	4	1800
990E-R	70-E-1286	70	510	205	415	225	3	1280
990E-S	70-E-1287	75	610	210	465	210	3	1340
1000E-S	70-E-1288	65	390	165	265	205	4	1960
1000E-R	70-E-1289	65	390	150	220	195	3	1420
1010E-R	70-E-1290	55	330	125	230	205	3	1960
1020E-R	70-E-1291	75	390	180	1190	235	7	1760
1030E-R	70-E-1292	70	550	155	370	175	4	1040
1040E-R	70-E-1293	35	270	50	100	90	3	280
1050E-R	70-E-1294	35	150	90	160	105	2	1520
1060E-R	70-E-1295	35	150	65	150	110	2	1620
1070E-R	70-E-1296	70	300	95	160	150	3	1180
1080E-R	70-E-1297	65	250	140	285	185	3	1160
1090E-R	70-E-1298	60	230	145	275	135	3	940
1100E-R	70-E-1299	125	540	155	635	290	11	1140
1110E-R	70-E-1300	70	240	145	400	165	3	1060
1120E-R	70-E-1301	85	500	180	790	425	3	
1130E-S	70-E-1302	80	500	115	3365	7500	8	420
1140E-R	70-E-1303	195	1590	230	4840	1630	10	900
1150E-R	70-E-1304	145	3400	270	1815	1240	6	1740
1160E-R	70-E-1305	105	4500	1500	1415	1090	5	1680
1170E-R	70-E-1306	100	400	150	435	210	4	940
1170E-S	70-E-1307	170	1130	200	1215	1020	9	1060
1180E-R	70-E-1308	165	390	145	790	500	6	160
1190E-R	70-E-1309	125	320	175	1415	655	7	220
1200E-R	70-E-1310	130	340	105	2390	1400	4	240
1210E-R	70-E-1311	235	530	155	5915	5350	26	220
1220E-R	70-E-1312	215	410	100	3840	5350	13	540

METHODS: Cu, Ni, Co, Pb, Zn, Ag by GRC No.1
Cr by GRC.No.5

NATA

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

B.L.D: Below Limit of Detection

Chief Chemist Ray W. Yeabsley

200

613201

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001474 PROJECT No.: EL 7/68 WEST COMET - PLATT

LAB. SHEET No.: 316/2 SAMPLE TYPE: SOIL PROFILE ROCK DATE: 19th June, 1970

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
1230E-S	70-E-1313	195	570	120	3840	5650	12	540
1240E-R	70-E-1314	260	600	120	5640	5350	11	640
1250E-R	70-E-1315	400	1220	125	2465	6450	13	740
1260E-R	70-E-1316	175	490	120	3840	5900	10	340
1270E-R	70-E-1317	260	400	140	5040	7000	16	300

METHODS: Cu, Ni, Co, Pb, Zn, Ag by GRC No.1
Cr by GRC No.5

NATA

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

B.L.D: Below Limit of Detection

Chief Chemist Ray W. Gerdsmeyer

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 1480 PROJECT No.: EL 7/68 DUNDAS PLATT - WEST COMET

LAB. SHEET No.: 323/1 SAMPLE TYPE: SOIL PROFILE ROCK DATE: 22nd June, 1970

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
740S	70-F-59	180	60	30	0.76%	0.14%	15	55
750R	70-F-60	100	235	55	85	210	2	230
760R	70-F-61	2	25	5	75	95	BLD	95
770R	70-F-62	20	50	15	160	70	1	100
780R	70-F-63	5	100	15	40	120	BLD	0.12%
790R	70-F-64	15	280	45	125	285	1	0.13%
800R	70-F-65	15	55	15	60	60	BLD	640
810R	70-F-66	30	145	20	85	80	BLD	840
820S	70-F-67	20	105	20	350	110	1	620
830R	70-F-68	25	190	30	55	110	BLD	0.12%
840R	70-F-69	5	120	20	75	50	BLD	600
850R	70-F-70	5	560	60	120	630	BLD	230
860R	70-F-71	10	0.18%	400	0.11%	0.28%	1	260
870R	70-F-72	15	0.11%	420	405	0.24%	2	320
880R	70-F-73	10	0.21%	590	0.13%	0.34%	2	250
890R	70-F-74	15	0.17%	830	0.13%	0.30%	2	270
900R	70-F-75	20	0.22%	740	0.19%	0.32%	2	250
910R	70-F-76	10	650	150	280	0.19%	4	95
920R	70-F-77	10	420	90	280	0.17%	3	280
930R	70-F-78	5	310	90	0.31%	0.26%	2	115
940R	70-F-79	5	270	100	950	670	1	130
950R	70-F-80	10	500	70	460	780	1	95
960R	70-F-81	15	600	40	700	660	1	230
970R	70-F-82	5	480	35	420	900	1	240
980R	70-F-83	30	580	50	0.21%	940	2	640
990R	70-F-84	85	420	75	0.56%	0.34%	3	500
1000R	70-F-85	20	760	90	0.20%	0.15%	2	320
1010R	70-F-86	25	600	75	1.03%	0.58%	4	640
1020R	70-F-87	50	620	55	560	0.14%	2	450
1030R	70-F-88	25	230	50	820	480	2	430
1040R	70-F-89	10	380	75	760	820	2	200
1050R	70-F-90	15	110	40	100	480	1	530
1060R	70-F-91	10	120	45	160	270	BLD	140
1070R	70-F-92	75	900	430	345	980	2	300
1080R	70-F-93	65	210	55	305	240	1	720
1090R	70-F-94	20	420	65	185	420	2	0.14%
1100S	70-F-95	25	110	20	135	95	1	640
1110S	70-F-96	15	105	20	150	130	1	600
1120R	70-F-97	5	75	10	100	80	BLD	380
1130S	70-F-98	10	70	10	90	60	BLD	300
1130R	70-F-99	10	200	30	70	350	BLD	520
1140S	70-F-100	10	30	5	80	55	BLD	120
1150S	70-F-101	5	10	BLD	85	20	BLD	80
1160R	70-F-102	75	45	10	110	70	BLD	280
1170R	70-F-103	45	55	25	110	180	2	280
1180S	70-F-104	35	40	15	75	65	2	160

METHODS: Cu, Ni, Co, Pb, Zn, Ag, Cr by GRC.1

NATA

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B.L.D: Below Limit of Detection

Chief Chemist Ray W. Gerlach

201

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 1480/1481 PROJECT No.: EL 7/68 DUNDAS PLATT - WEST COMET

LAB. SHEET No.: 323/2 SAMPLE TYPE: SOIL PROFILE ROCK DATE: 22nd June, 1970

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
1190S	70-F-105	20	30	10	85	40	BLD	105
1200R	70-F-106	35	120	30	75	140	BLD	50
1210R	70-F-107	20	90	45	120	150	1	70
1220R	70-F-108	10	85	20	270	70	1	75
1230R	70-F-109	10	120	20	85	100	1	30
1240R	70-F-110	10	140	35	85	130	1	55
1250S	70-F-111	10	55	15	90	50	BLD	50
1260S	70-F-112	15	55	20	115	110	1	55
1270S	70-F-113	5	30	5	125	25	BLD	45
1280S	70-F-114	5	25	5	185	15	BLD	70
1290S	70-F-115	5	20	5	120	25	BLD	90
1300S	70-F-116	75	10	BLD	140	10	BLD	50
1310S	70-F-117	5	15	BLD	85	5	BLD	45
1320R	70-F-118	5	5	BLD	115	5	BLD	105
1330R	70-F-119	5	BLD	BLD	105	15	BLD	55
1340R	70-F-120	170	145	60	150	170	BLD	210
1350R	70-F-121	10	5	BLD	110	10	BLD	90
1360R	70-F-122	2	BLD	BLD	250	5	BLD	80
1370R	70-F-123	BLD	BLD	BLD	235	5	BLD	65
1380R	70-F-124	5	BLD	BLD	110	5	BLD	70
1390R	70-F-125	5	BLD	BLD	80	5	BLD	80
1400R	70-F-126	BLD	BLD	BLD	200	5	BLD	80
1410R	70-F-127	2	BLD	BLD	170	10	BLD	90
1420R	70-F-128	110	5	BLD	145	35	BLD	125
1430R	70-F-129	5	BLD	BLD	145	15	BLD	90
1440R	70-F-130	2	BLD	BLD	60	5	BLD	75
1450R	70-F-131	2	BLD	BLD	190	5	BLD	65
1460R	70-F-132	55	BLD	5	175	20	BLD	40
1470R	70-F-133	5	BLD	BLD	130	10	BLD	85
1480R	70-F-134	5	BLD	BLD	140	5	BLD	90
1490R	70-F-135	BLD	BLD	BLD	80	5	BLD	60
1500R	70-F-136	2	BLD	BLD	120	5	BLD	80

METHODS: Cu, Ni, Co, Pb, Zn, Ag, Cr by GRC-1

NATA

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B.L.D: Below Limit of Detection

Chief Chemist

Ray W. Gadsby

203

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001484 PROJECT No. EL. 7/68-DUNDASS-COMET, STH. COMET-BONANZA

LAB. SHEET No. 374/2 SAMPLE TYPE: SOIL PROFILE ROCK DATE 10th August, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
00 S	70-G-3322	25	40	20	255	130	2	105
00 R	70-G-3323	30	40	20	220	120	2	85
5 R	70-G-3324	40	170	140	4940	745	4	50
10 R	70-G-3325	130	100	80	8930	3200	4	95
15 S	70-G-3326	75	40	35	4780	990	5	105
15 R	70-G-3327	120	25	75	2.78%	355	2	30
20 S	70-G-3328	70	20	25	4780	315	3	95
20 R	70-G-3329	60	20	25	5530	390	2	130
25 S	70-G-3330	50	20	15	4620	280	2	90
30 S	70-G-3331	40	20	15	3280	90	2	80
35 S	70-G-3332	30	20	10	1950	110	2	80
40 S	70-G-3333	25	20	10	1500	120	2	90
45 S	70-G-3334	40	45	25	1800	955	2	185
50 S	70-G-3335	55	110	40	2320	3500	3	335
50 R	70-G-3336	90	115	45	2420	3400	3	300
55 R	70-G-3337	55	195	50	1300	2900	3	1380
60 R	70-G-3338	70	120	40	1500	2000	16	780
65 R	70-G-3339	75	180	55	1750	3300	3	930
70 R	70-G-3340	35	340	105	8750	1.04%	7	780
75 R	70-G-3341	160	305	75	2400	4500	5	560
80 R	70-G-3342	25	640	50	525	2000	2	1150
85 R	70-G-3343	350	330	70	2750	4600	4	1410
90 R	70-G-3344	195	1000	85	2650	4000	3	2000
95 R	70-G-3345	95	1015	95	1650	4600	3	2330
100R	70-G-3346	200	1730	95	2750	6200	4	5400
105R	70-G-3347	155	1255	100	3400	6100	4	9200
110R	70-G-3348	125	1120	90	2650	5300	4	1.01%
115R	70-G-3349	115	1110	90	2950	6000	4	7800
120R	70-G-3350	100	1440	95	2600	6400	5	6300
125R	70-G-3351	70	1580	95	2050	5800	4	6400
130R	70-G-3352	60	1000	90	2350	5000	3	3230
135R	70-G-3353	60	710	75	1700	3000	2	3150
140R	70-G-3354	95	675	115	6000	3400	11	2250
145R	70-G-3355	20	230	40	675	1845	1	7200
150R	70-G-3356	50	770	70	1200	2600	3	7600
155R	70-G-3357	65	1070	95	4200	3600	4	6300
160R	70-G-3358	70	985	90	1300	3000	3	7400
165R	70-G-3359	60	915	90	2100	4200	3	6400
170R	70-G-3360	55	985	95	2200	3300	4	6400
175R	70-G-3361	60	865	80	1400	3500	3	2750
180R	70-G-3362	55	985	90	3200	4100	4	3450
185S	70-G-3363	60	175	70	6000	7200	14	150
190R	70-G-3364	55	660	90	3000	2400	6	4600
195R	70-G-3365	70	830	90	2100	3700	4	6400
200R	70-G-3366	60	855	80	1200	4000	3	6400
205R	70-G-3367	60	830	85	2300	3400	6	5800

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by GRC No. 1

Cr by GRC No. 5

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Chief Chemist

Ray W. Hardy

204

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001484/5 PROJECT No.: EL.7/68

LAB. SHEET No.: 374/3 SAMPLE TYPE: SOIL PROFILE ROCK DATE: 10th August, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
210R	70-G-3368	50	985	90	2300	2900	4	7200
220R	70-G-3369	65	755	80	1500	2400	4	6300
215R	70-G-3370	45	925	80	1000	3200	3	6000
225R	70-G-3371	70	900	90	2200	3400	5	3450
230R	70-G-3372	55	760	80	1850	2700	4	3150
235R	70-G-3373	55	815	85	3400	3000	5	3950
240R	70-G-3374	60	680	90	3500	2000	4	6000
245R	70-G-3375	65	855	80	1400	1970	3	6300
250R	70-G-3376	50	830	75	880	1340	3	4200
255R	70-G-3377	50	830	100	2500	2500	4	5000
260R	70-G-3378	55	845	110	2300	2400	4	6400
265S	70-G-3379	60	865	100	3600	2120	4	6800
270S	70-G-3380	60	935	110	6600	2800	8	5000
275S	70-G-3381	60	1070	105	3300	2900	5	4800
280S	70-G-3382	40	480	65	2600	1200	4	3500
285S	70-G-3383	50	690	100	4000	2500	5	5200
290S	70-G-3384	55	625	110	6050	2300	5	5000
295S	70-G-3385	50	815	100	3750	3000	4	4800
300S	70-G-3386	45	710	95	3700	2060	4	3550
305S	70-G-3387	40	635	130	5450	1745	5	3050
310S	70-G-3388	30	370	100	3750	1080	3	3380
315S	70-G-3389	30	455	130	4350	1370	3	3280
320S	70-G-3390	40	560	120	3650	1440	5	3350
325R	70-G-3391	40	540	95	2200	1495	4	2160
340S	70-G-3392	55	445	90	960	1440	4	1820
345R	70-G-3393	55	370	80	710	1200	3	1830
350R	70-G-3394	55	340	90	360	1130	3	1200
355R	70-G-3395	60	340	95	550	855	3	1650
360R	70-G-3396	50	495	85	720	1235	3	1240
365R	70-G-3397	30	395	50	310	675	1	1270
370R	70-G-3398	40	350	90	745	710	3	1670
375S	70-G-3399	40	305	75	485	990	3	1450
380S	70-G-3400	20	120	50	390	350	2	1170
385S	70-G-34C1	30	240	60	465	730	3	1270
390S	70-G-3402	30	315	70	405	1255	3	1070
395R	70-G-3403	30	285	70	500	955	2	780
400S	70-G-3404	20	160	50	340	620	2	670
405S	70-G-3405	20	200	50	360	545	2	800
410S	70-G-3406	30	240	65	360	690	3	930
415S	70-G-3407	25	125	50	280	395	2	740
420R	70-G-3408	40	360	70	395	1795	3	890
425S	70-G-3409	35	370	70	380	1010	2	1050
430R	70-G-3410	30	315	60	330	845	2	930
435R	70-G-3411	15	110	30	170	215	1	450
440S	70-G-3412	15	105	35	265	280	1	500
445S	70-G-3413	15	145	35	230	410	1	450

METHODS:

NATA

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Chief Chemist

Ray W. Berkyns

205

613206

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001485/86 PROJECT No. EL. 7/68

LAB. SHEET No.: 374/4 SAMPLE TYPE: ~~ROCK~~ SOIL PROFILE DATE: 10th August, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
450S	70-G-3414	30	275	55	265	725	2	690
455S	70-G-3415	25	455	65	380	1270	3	960
460S	70-G-3416	30	445	60	515	990	3	960
465R	70-G-3417	40	330	75	455	1025	3	1320
470R	70-G-3418	35	725	90	465	2120	3	1470
475R	70-G-3419	30	400	75	655	1165	3	1500
480R	70-G-3420	50	740	100	495	1910	3	1480
485R	70-G-3421	35	745	90	560	1970	4	1880
490R	70-G-3422	75	840	100	960	2210	4	2020
495R	70-G-3423	60	1010	105	755	3200	4	1720
500R	70-G-3424	50	845	95	690	2135	4	1860
505R	70-G-3425	45	905	100	530	2020	4	1670
510R	70-G-3426	50	840	90	620	2030	3	1750
515R	70-G-3427	40	525	80	495	1370	3	1720
520R	70-G-3428	40	915	95	575	2030	3	1750
525R	70-G-3429	40	880	95	500	1910	3	1930
530R	70-G-3430	50	915	100	480	2210	3	1450
535R	70-G-3431	35	1020	90	625	2000	3	1750
540R	70-G-3432	35	655	95	880	1830	3	1720
545R	70-G-3433	40	710	90	1050	1810	3	1670
550R	70-G-3434	70	865	280	4000	1940	8	2650
555R	70-G-3435	50	890	200	2700	1940	5	2750
560R	70-G-3436	45	785	205	2850	3100	5	3920
565R	70-G-3437	45	850	180	2300	1955	5	1910
570R	70-G-3438	35	615	140	2000	1680	4	1930
575R	70-G-3439	30	560	150	2150	1480	5	1650
580R	70-G-3440	35	680	210	3800	2000	13	2430
585R	70-G-3441	40	820	230	2300	2700	9	2380
590R	70-G-3442	45	635	105	1550	1940	5	2120
595R	70-G-3443	40	1005	225	2400	2900	9	2060
600R	70-G-3444	30	770	80	550	1615	3	2230
605R	70-G-3445	30	710	95	1150	1860	4	1860
610R	70-G-3446	30	875	85	575	1845	3	1480
615R	70-G-3447	30	890	90	700	740	3	395
620R	70-G-3448	20	1020	90	440	2000	3	1830
625R	70-G-3449	20	545	70	280	1270	3	1550
630R	70-G-3450	30	950	90	340	1955	3	1930
635R	70-G-3451	25	970	90	330	2400	3	1630
640R	70-G-3452	25	785	80	380	1940	3	2250
645R	70-G-3453	20	850	80	345	2500	3	1880
650R	70-G-3454	30	545	75	340	1580	3	2350
655R	70-G-3455	10	230	35	145	620	2	2380
660R	70-G-3456	20	480	65	255	1025	2	2000
665R	70-G-3457	20	815	115	280	2090	3	1790
670R	70-G-3458	15	495	70	240	1185	3	1670
675R	70-G-3459	20	655	80	340	1910	3	1600

METHODS:

NATA

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Chief Chemist

Ray W. Yerbury

206

613207

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001486/7 PROJECT No.: EL. 7/68

LAB. SHEET No.: 374/5 SAMPLE TYPE: SOIL PROFILE ROCK DATE: 10th August, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
680R	70-G-3460	15	415	60	260	1095	3	2400
685R	70-G-3461	15	480	65	230	1165	3	2060
690R	70-G-3462	20	340	70	280	955	3	1910
695R	70-G-3463	20	470	110	880	1010	7	2120
700R	70-G-3464	20	680	80	370	1615	3	1860
705R	70-G-3465	10	250	50	150	425	2	1650
710R	70-G-3466	15	420	60	180	1010	3	1910
715R	70-G-3467	15	465	70	180	940	3	1790
720R	70-G-3468	20	480	70	160	1080	3	1930
725R	70-G-3469	10	495	65	165	1010	3	1860
730R	70-G-3470	15	515	70	180	920	3	1830
735R	70-G-3471	15	505	65	180	885	3	1930
740R	70-G-3472	20	470	65	175	975	3	1365
745R	70-G-3473	20	475	65	150	720	2	1440
750R	70-G-3474	15	425	60	140	730	2	1730
755R	70-G-3475	20	705	65	135	750	3	2375
760R	70-G-3476	20	775	75	220	1015	3	1950
765R	70-G-3477	20	705	70	145	1080	2	1615
770R	70-G-3478	25	930	80	225	2490	3	1535
775R	70-G-3479	20	790	80	240	1765	3	1590
780R	70-G-3480	20	840	80	300	1690	4	1420
785R	70-G-3481	20	700	75	200	1490	3	1150
790R	70-G-3482	20	650	75	235	1320	3	1780
795R	70-G-3483	15	760	75	220	1780	3	1800
800R	70-G-3484	25	945	90	640	2320	5	1780
805R	70-G-3485	20	820	90	255	2260	3	1975
810R	70-G-3486	20	855	85	275	1820	3	1925
815R	70-G-3487	20	820	80	250	1630	3	1800
820R	70-G-3488	20	730	70	380	1270	3	1925
825R	70-G-3489	20	455	70	240	1210	3	1460
830R	70-G-3490	30	675	135	910	1360	3	2150
835R	70-G-3491	40	2200	270	2300	1720	3	2525
840R	70-G-3492	120	1045	220	1.05%	3670	8	1340
845R	70-G-3493	100	595	185	8700	1810	11	2700
850R	70-G-3494	100	945	195	9700	1580	10	1620
855R	70-G-3495	100	565	115	1.03%	1880	12	1975
860R	70-G-3496	100	395	95	1.12%	1900	9	2225
865R	70-G-3497	90	375	85	1.10%	1750	10	2200
870R	70-G-3498	125	445	85	1.15%	2320	9	1780
875R	70-G-3499	100	395	80	8300	1780	9	2350
880R	70-G-3500	125	365	80	1.46%	2520	13	1275
885R	70-G-3501	125	310	80	1.38%	1970	10	1520
890R	70-G-3502	160	385	90	9600	2190	11	1750
900R	70-G-3503	140	400	100	9400	2160	10	1440
905R	70-G-3504	265	575	95	8100	2490	14	1420
910R	70-G-3505	135	775	85	9600	3280	11	1875

METHODS:

NATA

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Chief Chemist

Ray W. Gerlach

207

613208

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. C01487/8 PROJECT No. EL.7/68

LAB. SHEET No. 3746 SAMPLE TYPE: SOIL PROFILE / ROCK DATE: 10th August, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
915R	70-G-3506	245	335	80	1.09%	2160	27	1420
920R	70-G-3507	130	375	85	2950	2920	7	1125
925R	70-G-3508	50	385	80	1630	1030	4	1340
930R	70-G-3509	75	375	95	1180	1180	3	1175
935R	70-G-3510	40	110	45	1730	320	3	700
940S	70-G-3511	45	320	65	940	1500	3	700
945R	70-G-3512	55	250	65	1210	650	3	850
950R	70-G-3513	40	300	60	1040	860	3	1075
955R	70-G-3514	50	200	55	860	540	3	925
960S	70-G-3515	20	85	30	390	195	2	520
965S	70-G-3516	40	215	60	840	520	3	1025
970S	70-G-3517	S A M P L E			M I S S I N G			
975S	70-G-3518	40	120	50	680	260	2	700
980S	70-G-3519	55	150	60	1010	430	3	875
895R	70-G-3520	100	350	85	8200	1920	7	2475
985S	70-G-3521	40	95	55	1220	390	3	550
990S	70-G-3522	20	40	20	660	140	2	300
995S	70-G-3523	20	70	25	490	165	2	355
1000S	70-G-3524	25	30	20	850	80	2	260
00 R	70-G-3525	25	160	30	295	225	1	40
5 R	70-G-3526	35	190	50	440	410	2	35
10 R	70-G-3527	30	100	35	320	155	2	25
15 R	70-G-3528	10	80	35	100	165	1	25
20 R	70-G-3529	10	80	30	75	80	1	20
25 S	70-G-3530	25	35	30	730	135	2	50
30 S	70-G-3531	30	55	45	5100	410	7	75
35 S	70-G-3532	45	80	50	1770	680	3	80
40 S	70-G-3533	30	65	40	1300	460	3	90
45 S	70-G-3534	25	40	40	1600	185	2	70
50 S	70-G-3535	35	50	40	1450	520	3	75
55 S	70-G-3536	60	55	50	3620	660	4	80
60 S	70-G-3537	45	55	55	1950	490	4	80
65 S	70-G-3538	40	55	60	2450	480	5	80
70 S	70-G-3539	55	55	55	3150	490	5	80
75 S	70-G-3540	50	65	60	2550	480	4	105
80 S	70-G-3541	55	60	70	2400	555	4	80
85 S	70-G-3542	50	55	50	1950	545	4	75
90 S	70-G-3543	50	60	50	2500	500	5	70
95 S	70-G-3544	65	60	55	2400	585	4	80
100S	70-G-3545	75	65	90	4500	660	5	90
105S	70-G-3546	70	60	50	2350	700	7	95
110S	70-G-3547	75	70	70	3950	680	5	105
115S	70-G-3548	85	70	70	3850	810	6	90
120S	70-G-3549	95	70	70	3900	950	6	100
125S	70-G-3550	80	80	75	4750	855	7	10
130S	70-G-3551	85	80	75	3700	650	4	100

Traverse KHW-4S

Traverse KHW-4N

METHODS:

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. Gerlach

208

613209

Telephone 27320

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001488/9 PROJECT No. EL. 7/68

LAB. SHEET No. 374/7 SAMPLE TYPE: SOIL PROFILE / ROCK DATE: 10th August, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
135S	70-G-3552	80	75	65	3750	820	5	95
140S	70-G-3553	100	90	75	3150	490	6	120
145S	70-G-3554	85	90	70	6000	1190	9	100
150S	70-G-3555	80	80	70	3900	910	5	100
155S	70-G-3556	70	80	90	5700	510	5	110
160S	70-G-3557	90	85	55	2900	715	4	105
165S	70-G-3558	70	80	65	2700	660	4	100
170S	70-G-3559	70	90	60	3000	660	5	115
175S	70-G-3560	65	70	65	2950	430	7	100
180S	70-G-3561	40	55	80	3600	410	3	85
185S	70-G-3562	45	60	45	2000	300	3	85
190S	70-G-3563	40	55	35	1450	280	3	70
195S	70-G-3564	45	50	45	2150	380	3	95
200S	70-G-3565	60	50	65	2350	360	3	90
205S	70-G-3566	80	60	50	2950	780	3	115
210S	70-G-3567	95	60	70	3050	600	3	110
215S	70-G-3568	80	55	45	3500	690	6	110
220S	70-G-3569	50	65	45	2200	600	3	100
225S	70-G-3570	45	55	40	2100	340	5	90
230S	70-G-3571	15	70	40	150	180	2	95
235S	70-G-3572	10	100	45	130	120	2	65
240S	70-G-3573	20	55	25	1200	200	3	75
245S	70-G-3574	50	55	50	2150	320	2	95
250S	70-G-3575	170	95	55	2450	400	6	65
255S	70-G-3576	S A M P L E			M I S S I N G			
260S	70-G-3577	110	40	45	2400	440	4	95
265S	70-G-3578	40	50	25	1700	270	3	85
270S	70-G-3579	35	50	20	1500	190	3	100
275S	70-G-3580	45	55	35	1550	210	2	100
280S	70-G-3581	40	50	30	1650	260	2	85
285S	70-G-3582	100	40	40	2400	210	3	50
290S	70-G-3583	35	30	25	1700	220	3	50
295S	70-G-3584	40	20	20	1300	140	3	50
300S	70-G-3585	35	20	15	1100	65	2	60
305S	70-G-3586	60	25	30	1500	125	2	65
310S	70-G-3687	20	25	20	1050	75	2	60
315S	70-G-3688	10	25	15	850	55	2	50
320S	70-G-3689	15	35	20	1150	115	2	50
325S	70-G-3690	40	45	45	2750	240	3	75
330S	70-G-3691	20	30	20	1050	175	2	65
335S	70-G-3692	35	100	55	1900	240	5	75
340S	70-G-3693	20	70	40	2450	440	3	100
345S	70-G-3694	20	80	40	1550	480	2	260
350S	70-G-3695	15	190	60	1450	765	2	240
355S	70-G-3696	15	105	40	900	600	2	145
360S	70-G-3697	30	110	60	1600	565	3	110

METHODS:

NATA

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist Ray W. Hardgrave

209

613210

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001489/90 PROJECT No. EL. 7/68

LAB. SHEET No. 374/8 SAMPLE TYPE. SOIL PROFILE DATE. 10th August, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
365S	70-G-3598	30	60	65	1750	210	4	60
370S	70-G-3599	40	70	90	1950	240	4	45
375S	70-G-3600	35	60	80	1400	200	4	50
380S	70-G-3601	S A M P L E			M I S S I N G			
385S	70-G-3602	40	85	115	2450	250	4	50
390S	70-G-3603	35	65	100	800	200	3	45
395S	70-G-3604	40	65	95	630	250	3	50
400S	70-G-3605	40	80	110	850	260	7	40
405S	70-G-3606	30	75	125	760	280	4	50
410S	70-G-3607	30	65	80	415	180	3	55
415S	70-G-3608	30	80	100	860	210	6	40
420S	70-G-3609	35	60	90	550	180	4	50
425S	70-G-3610	30	65	100	525	220	3	50
430S	70-G-3611	40	80	115	545	260	3	60
435S	70-G-3612	40	70	100	510	300	2	85
440S	70-G-3613	30	65	85	810	330	3	75
445S	70-G-3614	35	70	80	545	250	3	50
450S	70-G-3615	50	70	85	1250	420	6	70
455S	70-G-3616	40	80	105	800	360	3	80
460S	70-G-3617	45	80	130	660	310	3	85
465S	70-G-3618	40	70	100	700	340	4	60
470S	70-G-3619	35	70	90	780	260	3	70
475S	70-G-3620	35	70	90	775	240	4	65
480S	70-G-3621	40	90	110	1100	320	6	55
485S	70-G-3622	45	100	85	815	310	6	55
490S	70-G-3623	40	105	100	950	500	5	50
495S	70-G-3624	35	80	110	1050	320	5	45
500S	70-G-3625	40	70	100	930	380	4	50
505S	70-G-3626	35	65	80	940	310	5	25
510S	70-G-3627	40	70	90	730	290	5	20
515S	70-G-3628	35	80	95	820	490	7	25
520S	70-G-3629	35	60	100	650	230	5	30
525S	70-G-3630	30	65	90	840	245	6	35
530S	70-G-3631	30	70	90	940	310	7	40
535S	70-G-3632	25	75	75	900	290	4	30
540S	70-G-3633	20	80	80	820	290	4	40
545S	70-G-3634	20	80	70	730	310	3	40
550S	70-G-3635	20	80	65	610	270	3	30
555S	70-G-3636	20	60	60	520	190	3	30
560S	70-G-3637	20	70	50	450	200	3	20
565S	70-G-3638	30	60	60	860	240	3	25
570S	70-G-3639	20	65	50	500	210	3	25
575S	70-G-3640	40	55	55	1185	230	4	30
580S	70-G-3641	50	70	65	2500	300	5	35
585S	70-G-3642	35	70	70	1420	315	5	30
590S	70-G-3643	70	60	60	1140	245	5	30
595S	70-G-3644	30	60	55	520	290	3	30

METHODS:

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist Ray W. Gardner

210

613211

Telephone 27020

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001490/91 PROJECT No.: EL.7/68

LAB. SHEET No.: 374/9 SAMPLE TYPE: SOIL PROFILE DATE: 10th August, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
600S	70-G-3645	25	60	50	560	200	3	30
605S	70-G-3646	25	65	60	420	395	3	30
610S	70-G-3647	30	60	60	370	245	4	25
615S	70-G-3648	35	95	75	440	315	3	25
620S	70-G-3649	40	75	80	540	290	4	45
625S	70-G-3650	45	65	90	640	215	3	40
630S	70-G-3651	50	70	75	600	260	3	80
635S	70-G-3652	65	95	100	820	350	3	70
640S	70-G-3653	55	95	115	1070	370	3	95
645S	70-G-3654	55	70	90	900	345	3	75
650S	70-G-3655	40	75	90	890	340	3	90
655S	70-G-3656	25	90	65	520	480	3	95
660S	70-G-3657	40	70	80	880	335	3	100
665S	70-G-3658	40	75	70	630	355	3	60
670S	70-G-3659	20	80	65	640	450	3	110
675S	70-G-3660	40	175	115	3400	980	7	170
680S	70-G-3661	40	95	90	960	415	3	70
685S	70-G-3662	50	335	175	6600	1600	15	400
690S	70-G-3663	60	690	265	4600	1900	13	310
695S	70-G-3664	40	310	155	4000	1250	11	455
700S	70-G-3665	55	365	160	3900	1720	14	625
705S	70-G-3666	40	340	130	2900	1420	10	485
710S	70-G-3667	50	345	165	3800	1300	13	545
715S	70-G-3668	50	320	130	3600	1700	8	725
720S	70-G-3669	50	610	160	2800	1380	15	950
725S	70-G-3670	40	800	160	3300	2580	13	2330
730S	70-G-3671	75	435	205	1.00%	2350	21	1320
735S	70-G-3672	95	700	200	1.04%	2480	30	1680
740S	70-G-3673	110	530	160	9700	2620	16	1490
745S	70-G-3674	170	605	190	1.73%	3540	4	1225
750S	70-G-3675	180	855	235	1.56%	3480	13	800
755S	70-G-3676	60	1390	505	5400	2520	8	2125
760S	70-G-3677	30	85	55	530	400	2	175
765S	70-G-3678	45	3200	290	2500	380	6	950
770S	70-G-3679	40	1590	265	2400	2130	5	1275
775S	70-G-3680	150	1730	265	1700	2170	6	1750
780S	70-G-3681	65	415	155	6200	2240	5	550
785S	70-G-3682	40	1340	215	2800	1780	5	1075
790S	70-G-3683	60	1560	275	1900	1970	7	900
795S	70-G-3684	135	725	240	1.69%	3120	6	875
800S	70-G-3685	40	580	285	3700	720	7	1025
805S	70-G-3686	60	990	315	1.03%	3000	9	2050
810S	70-G-3687	35	1040	255	6700	2840	11	2675
815S	70-G-3688	90	730	210	9900	2460	9	2150
820S	70-G-3689	50	1300	900	9200	1250	8	2275
825S	70-G-3690	25	940	140	3300	3360	8	1975

METHODS:

NATA

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Chief Chemist

Ray W. Yeabsley

211

613212

Telephone 27320

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001491/92 PROJECT No.: EL.7/68

LAB. SHEET No.: 374/10 SAMPLE TYPE: SOIL PROFILE DATE: 10th August, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
830S	70-G-3691	65	710	235	1.54%	3320	11	1575
835S	70-G-3692	55	670	210	9800	2390	8	1625
840S	70-G-3693	95	910	275	1.56%	4040	13	1500
845S	70-G-3694	85	900	310	1.40%	4040	13	1600
850S	70-G-3695	35	1590	465	2300	1340	10	1075
855S	70-G-3696	40	1620	520	2300	1390	11	1650
860S	70-G-3697	55	1160	950	2100	1700	11	1100
865S	70-G-3698	70	1670	2240	2700	1410	11	1350
870S	70-G-3699	35	970	200	1400	750	4	1025
875S	70-G-3700	30	1430	170	1000	990	4	1425
880S	70-G-3701	35	2700	520	1600	1110	7	1600
885S	70-G-3702	45	2000	330	2900	1790	10	1725
890S	70-G-3703	70	975	255	9900	2320	14	2200
895S	70-G-3704	70	1290	285	4600	2090	5	1700
900S	70-G-3705	65	950	290	1.03%	2120	11	2425
905S	70-G-3706	55	735	170	5900	1490	8	2050
910S	70-G-3707	50	1540	370	4200	1510	10	2325
915S	70-G-3708	45	1150	235	2100	1220	7	2475
920S	70-G-3709	40	520	185	9400	2410	5	1500
925S	70-G-3710	40	1520	620	2300	1840	9	1675
930S	70-G-3711	60	1230	220	3000	1790	6	2050
935S	70-G-3712	60	1560	290	5700	1950	7	2275
940S	70-G-3713	45	1980	410	1500	2190	14	1350
945S	70-G-3714	55	1260	275	2400	1700	5	1800
950S	70-G-3715	45	1090	215	2900	1740	6	1250
955S	70-G-3716	60	1940	950	2600	1420	7	1750
960S	70-G-3717	40	1560	195	1600	2200	7	1450
965S	70-G-3718	45	1310	200	3800	2400	4	1400
970S	70-G-3719	60	1230	150	2500	2090	3	2150
975S	70-G-3720	70	2040	235	4900	2460	6	2150
980S	70-G-3721	50	1510	150	1900	2800	3	2425
985S	70-G-3722	50	1350	270	1005	1150	6	1000
990S	70-G-3723	30	850	175	1300	820	4	775
995S	70-G-3724	40	1060	190	2100	1330	4	750
1000S	70-G-3725	30	925	210	1200	880	3	700

METHODS:

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Chief Chemist

Ray W. Gerbyn

212

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013213

CHEMICAL LABORATORY
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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001495 PROJECT No. EL 7/68

LAB. SHEET No. 391/1 SAMPLE TYPE: SOIL PROFILE DATE: 1st September, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr %
4N 800E	70-H-250	30	305	55	140	155	2	0.15
4N 810E	70-H-251	10	180	40	110	80	1	0.08
4N 820E	70-H-252	20	260	45	110	110	2	0.08
4N 830E	70-H-253	70	725	90	255	460	3	0.19
4N 840E	70-H-254	30	480	90	325	340	3	0.18
4N 850E	70-H-255	50	405	110	550	670	4	0.19
4N 860E	70-H-256	25	475	100	265	360	3	0.26
4N 870E	70-H-257	25	500	120	230	425	3	0.34
4N 880E	70-H-258	45	465	95	360	500	3	0.32
4N 890E	70-H-259	30	350	70	325	360	2	0.22
4N 900E	70-H-260	10	125	35	135	130	1	0.11
4N 910E	70-H-261	25	260	60	170	235	2	0.18
4N 920E	70-H-262	35	330	75	320	490	2	0.18
4N 930E	70-H-263	40	285	95	710	940	3	0.22
4N 940E	70-H-264	80	165	95	850	600	4	0.27
4N 950E	70-H-265	55	260	95	730	1080	3	0.19
4N 960E	70-H-266	85	260	165	1760	560	5	0.24
4N 970E	70-H-267	55	225	220	1880	245	3	0.29
4N 980E	70-H-268	340	260	120	705	650	6	0.20
4N 990E	70-H-269	35	150	65	370	480	3	0.18
4N 1000E	70-H-270	40	200	70	610	850	3	0.16
4N 1010E	70-H-271	60	220	95	1780	760	4	0.18
4N 1020E	70-H-272	110	285	130	2950	940	3	0.12
4N 1030E	70-H-273	50	290	160	1970	715	3	0.20
4N 1040E	70-H-274	65	875	860	2080	260	3	0.14
4N 1050E	70-H-275	65	470	135	1580	660	4	0.27
4N 1060E	70-H-276	40	225	85	690	740	3	0.27
4N 1070E	70-H-277	60	430	100	535	800	4	0.35
4N 1080E	70-H-278	55	360	95	1000	1545	5	0.25
4N 1090E	70-H-279	60	265	95	1780	940	4	0.18
4N 1100E	70-H-280	85	350	230	1970	1095	5	0.19
4N 1110E	70-H-281	145	500	205	3920	2000	7	0.10
4N 1120E	70-H-282	115	570	210	4310	6300	5	0.07
4N 1130E	70-H-283	120	435	170	3920	5500	3	0.10
4N 1140E	70-H-284	115	465	175	3340	1790	3	0.08
4N 1150E	70-H-285	120	530	165	3920	1980	4	0.08
4N 1160E	70-H-286	105	570	170	4420	5500	4	0.08
4N 1170E	70-H-287	165	750	210	5360	7000	7	0.08
4N 1180E	70-H-288	155	690	190	4730	6600	11	0.11
4N 1190E	70-H-289	65	590	185	4730	5900	10	0.10
4N 1200E	70-H-290	70	690	210	5150	6600	10	0.10
4N 1205E	70-H-291	90	325	140	1780	1040	5	0.13
4N 1210E	70-H-292	100	530	180	4220	1600	9	0.14
4N 1215E	70-H-293	70	465	190	5150	1920	4	0.11
4N 1220E	70-H-294	65	570	165	3340	1680	3	0.12
4N 1225E	70-H-295	S A M P L E				M I S S I N G		

METHODS:
Cu, Ni, Co, Pb, Zn, Ag, Cr, by GRC No. 1

B.L.D.= Below Limit of Detection

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. Yerbury

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001495/96 PROJECT No.: EL 7/68

LAB. SHEET No.: 391/2 SAMPLE TYPE: SOIL PROFILE DATE: 1st September, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr %	
4N 1230E	70-H-296	65	360	180	4100	1020	3	0.12	
4N 1235E	70-H-297	70	410	225	3160	1440	3	0.08	
4N 1240E	70-H-298	115	475	190	5790	1770	4	0.10	
4N 1245E	70-H-299	90	465	200	4000	1720	4	0.11	
4N 1250E	70-H-300	90	590	295	2380	940	7	0.15	
4N 1255E	70-H-301	60	500	260	2280	940	5	0.15	
4N 1260E	70-H-302	70	530	225	2860	1000	7	0.21	
4N 1265E	70-H-303	110	875	280	5150	1620	6	0.13	
4N 1270E	70-H-304	70	375	220	2090	980	5	0.15	
4N 1275E	70-H-305	55	315	160	1580	1010	4	0.14	
4N 1280E	70-H-306	65	280	140	2480	910	5	0.11	
4N 1285E	70-H-307	65	325	140	2180	1140	5	0.10	
4N 1290E	70-H-308	55	255	110	1980	740	3	0.07	
4N 1295E	70-H-309	45	160	105	1200	510	3	0.07	
4N 1300E	70-H-310	45	205	100	1580	730	4	0.08	
4N 1305E	70-H-311	40	175	60	600	650	3	0.08	
4N 1310E	70-H-312	40	215	65	600	825	3	0.08	
4N 1315E	70-H-313	35	265	70	600	770	3	0.07	
4N 1320E	70-H-314	55	215	90	1000	1050	4	0.08	
4N 1325E	70-H-315	75	260	95	1290	1260	4	0.10	
4N 1330E	70-H-316	45	190	60	600	895	3	0.07	
4N 1335E	70-H-317	35	170	55	490	625	3	0.05	
4N 1340E	70-H-318	30	100	45	490	400	2	0.04	
4N 1345E	70-H-319	65	110	65	800	535	3	0.04	
4N 1350E	70-H-320	20	50	30	300	200	2	0.02	
4N 1355E	70-H-321	35	180	45	205	245	2	0.04	
4N 1360E	70-H-322	40	500	65	225	370	2	0.11	
4N 1365E	70-H-323	40	330	55	275	425	2	0.05	
4N 1370E	70-H-324	50	260	60	370	335	2	0.07	
4N 1375E	70-H-325	55	165	60	780	735	4	0.07	
4N 1380E	70-H-326	45	165	60	685	535	3	0.07	
4N 1385E	70-H-327	65	160	75	1390	625	4	0.10	
4N 1390E	70-H-328	80	295	85	1580	1155	4	0.07	
4N 1395E	70-H-329	55	160	65	1200	690	4	0.06	
4N 1400E	70-H-330	85	95	50	1090	360	3	0.03	
4N 1405E	70-H-331	100	400	45	460	445	2	0.07	
4N 1410E	70-H-332	25	30	25	230	110	1	0.01	
4N 1415E	70-H-333	75	65	40	415	380	1	0.02	
4N 1420E	70-H-334	105	85	60	890	670	3	0.03	
4N 1425E	70-H-335	120	100	55	890	780	3	0.03	
4N 1430E	70-H-336	150	70	60	690	560	3	0.07	
4N 1435E	70-H-337	185	90	60	1000	650	3	0.06	
4N 1440E	70-H-338	155	100	70	1000	625	3	0.07	
4N 1445E	70-H-339	290	210	70	1200	870	3	0.08	
4N 1450E	70-H-340	275	345	60	400	515	2	0.13	
4N 1455E	70-H-341	345	375	65	520	400	2	0.10	

METHODS:

NATA

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001496 PROJECT No.: EL 7/68

LAB. SHEET No.: 391/3 SAMPLE TYPE: SOIL PROFILE DATE: 1st September, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr %
4N 1460E	70-H-342	300	215	70	1780	1390	3	0.05
4N 1465E	70-H-343	140	100	55	800	535	3	0.05
4N 1470E	70-H-344	50	95	30	800	360	2	0.03
4N 1475E	70-H-345	175	660	140	2950	680	3	0.04
4N 1480E	70-H-346	145	140	65	890	515	3	0.04
4N 1485E	70-H-347	110	235	85	5260	700	4	0.05
4N 1490E	70-H-348	70	85	35	690	235	2	0.03
4N 1495E	70-H-349	35	55	15	475	90	2	0.03

METHODS:

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Chief Chemist Ray W. Geehyer

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001497 PROJECT No.: EL 7/68

LAB. SHEET No.: 391/4 SAMPLE TYPE: SOIL PROFILE DATE: 1st September, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
4N 1500E	70-H-350	35	80	25	490	130	2	330
4N 1505E	70-H-351	55	170	50	560	290	2	500
4N 1510E	70-H-352	40	170	45	400	220	4	250
4N 1515E	70-H-353	50	125	45	300	220	2	330
4N 1520E	70-H-354	70	150	55	370	220	2	150
4N 1525E	70-H-355	40	195	35	250	290	2	150
4N 1530E	70-H-356	50	220	50	420	270	2	150
4N 1535E	70-H-357	155	130	45	810	390	2	400
4N 1540E	70-H-358	80	145	50	665	335	3	330
4N 1545E	70-H-359	95	55	25	220	130	2	500
4N 1550E	70-H-360	95	135	45	600	310	3	500
4N 1555E	70-H-361	90	95	40	400	220	3	500
4N 1560E	70-H-362	70	65	25	500	120	2	330
4N 1565E	70-H-363	35	50	10	265	90	2	150
4N 1570E	70-H-364	30	40	10	240	40	2	150
4N 1575E	70-H-365	65	110	25	275	210	2	150
4N 1580E	70-H-366	15	60	10	200	40	2	330
4N 1585E	70-H-367	35	90	25	210	130	2	250
4N 1590E	70-H-368	80	55	20	440	130	2	130
4N 1595E	70-H-369	70	50	15	370	130	1	100
4N 1600E	70-H-370	55	65	20	440	270	2	150
4N 1610E	70-H-371	130	75	35	750	650	2	150
4N 1620E	70-H-372	110	135	50	1290	760	3	250
4N 1630E	70-H-373	135	120	60	5150	800	4	150
4N 1640E	70-H-374	135	140	30	2380	410	3	150
4N 1650E	70-H-375	135	160	40	610	680	2	400
4N 1660E	70-H-376	185	125	40	1580	490	4	250
4N 1670E	70-H-377	205	180	60	1400	680	3	150
4N 1680E	70-H-378	165	250	60	1000	1155	4	150
4N 1690E	70-H-379	250	265	80	900	1180	6	150
4N 1690E(dump sample)	70-H-380	245	265	185	600	1130	4	150
4N 1700E	70-H-381	5	15	5	25	5	BLD	150
4N 1710E	70-H-382	5	20	5	30	5	BLD	330
4N 1720E	70-H-383	5	10	BLD	25	5	BLD	150
4N 1730E	70-H-384	5	10	BLD	30	10	BLD	150
4N 1740E	70-H-385	5	10	BLD	45	5	BLD	150
4N 1750E	70-H-386	5	15	5	30	10	BLD	330
4N 1760E	70-H-387	5	15	BLD	30	5	BLD	150
4N 1770E	70-H-388	5	15	5	30	5	BLD	250
4N 1780E	70-H-389	5	10	5	30	5	BLD	150
4N 1790E	70-H-390	5	10	BLD	130	10	BLD	250
4N 1800E	70-H-391	5	10	BLD	25	5	BLD	150
4N 1810E	70-H-392	BLD	10	BLD	40	5	BLD	120
4N 1820E	70-H-393	10	20	BLD	30	10	BLD	400
4N 1830E	70-H-394	5	15	BLD	30	10	BLD	250

METHODS:

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001497 PROJECT No.: EL. 7/68

LAB. SHEET No.: 391/5 SAMPLE TYPE: SOIL PROFILE DATE: 1st September, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
4N 1840E	70-H-395	S A M P L E			M I S S I N G			
4N 1850E	70-H-396	5	15	5	25	10	BLD	330
4N 1860E	70-H-397	5	15	BLD	25	10	BLD	330
4N 1870E	70-H-398	5	15	BLD	30	5	BLD	150
4N 1880E	70-H-399	5	10	5	40	10	BLD	150

METHODS:

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Chief Chemist Ray W. Ford

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001498 PROJECT No.: EL. 7/68

LAB. SHEET No.: 391/6 SAMPLE TYPE: SOIL PROFILE DATE: 1st September, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr %
4N 1890E	70-H-500	10	20	BLD	30	10	BLD	0.03
4N 1900E	70-H-501	10	15	BLD	25	10	BLD	0.03
REC B1	70-H-502	60	690	60	130	335	1	0.22
REC B2	70-H-503	20	625	120	130	390	2	0.34
REC B3	70-H-504	40	500	105	120	200	2	0.38
REC B4	70-H-505	35	625	95	140	245	2	0.32
REC B5	70-H-506	60	750	95	180	310	3	0.35
REC B7	70-H-507	45	465	150	255	270	3	0.53
REC B9	70-H-508	5	75	30	35	110	1	1.24
REC B10	70-H-509	15	410	100	145	200	3	0.68
REC B11	70-H-510	5	35	15	20	65	BLD	0.63
REC B13	70-H-511	40	4080	240	750	7000	3	0.33
REC B14	70-H-512	35	1670	285	1480	960	1	0.35
REC B15	70-H-513	5	55	10	30	270	BLD	0.34
REC B16	70-H-514	5	40	15	20	180	BLD	1.01
REC B17	70-H-515	5	25	5	20	165	1	0.39
REC B18	70-H-516	95	780	55	335	390	2	0.50
REC B20	70-H-517	15	115	15	210	40	1	0.11
REC B21	70-H-518	5	10	5	60	10	BLD	0.01
REC B22	70-H-519	450	910	95	1680	570	4	0.30
REC B24	70-H-520	25	180	25	120	65	1	0.10
REC B25	70-H-521	10	40	15	50	20	1	0.03
REC B26	70-H-522	20	45	10	45	30	BLD	0.07
REC B52	70-H-523	265	410	35	120	145	2	0.01
REC B53	70-H-524	10	35	10	25	10	BLD	0.04
8N 1200E	70-H-525	10	1200	145	125	210	4	0.63
8N 1205E	70-H-526	10	950	140	180	220	3	0.68
8N 1210E	70-H-527	10	625	115	120	180	3	0.46
8N 1215E	70-H-528	15	410	90	110	155	3	0.35
8N 1220E	70-H-529	10	445	85	120	155	2	0.32
8N 1225E	70-H-530	20	560	100	135	220	3	0.47
8N 1230E	70-H-531	10	810	115	130	165	3	0.46
8N 1235E	70-H-532	10	875	125	160	270	4	0.54
8N 1240E	70-H-533	10	590	105	130	155	3	0.48
8N 1245E	70-H-534	10	750	115	150	220	3	0.51
8N 1250E	70-H-535	10	660	110	140	180	4	0.56
8N 1255E	70-H-536	10	875	115	150	160	4	0.49
8N 1260E	70-H-537	10	725	120	170	200	4	0.47
8N 1265E	70-H-538	5	810	110	160	180	3	0.41
8N 1270E	70-H-539	5	560	90	145	180	3	0.37
8N 1275E	70-H-540	5	365	70	110	110	2	0.22
8N 1280E	70-H-541	5	370	70	125	155	2	0.22
8N 1285E	70-H-542	10	450	95	180	270	3	0.35
8N 1290E	70-H-543	10	530	100	300	580	3	0.35
8N 1295E	70-H-544	10	625	110	190	280	3	0.46
8N 1300E	70-H-545	15	690	105	215	600	3	0.49

METHODS:

NATA

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Chief Chemist Ray W. Yeelyn

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001499 PROJECT No.: EL. 7/68

LAB. SHEET No.: 391/7 SAMPLE TYPE: SOIL PROFILE & ROCK DATE: 1st. September, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr %
8N 1305E	70-H-546	15	590	110	220	380	3	0.52
8N 1310E	70-H-547	10	690	115	335	270	4	0.47
8N 1315E	70-H-548	15	590	110	235	310	3	0.54
8N 1320E	70-H-549	15	625	105	200	270	3	0.48
8N 1325E	70-H-550	10	690	110	245	290	3	0.45
8N 1330E	70-H-551	10	625	100	185	230	3	0.44
8N 1335E	70-H-552	10	465	75	140	180	2	0.26
8N 1340E	70-H-553	10	500	80	150	190	2	0.27
8N 1345E	70-H-554	10	750	80	150	220	3	0.35
8N 1350E	70-H-555	10	690	95	165	200	3	0.39
8N 1355E	70-H-556	5	660	90	140	200	3	0.37
8N 1360E	70-H-557	5	750	100	140	200	3	0.52
8N 1365E	70-H-558	10	810	110	125	230	4	0.61
8N 1370E	70-H-559	10	690	80	105	220	3	0.59
8N 1375E	70-H-560	15	875	80	110	270	3	0.61
8N 1380E	70-H-561	15	750	75	110	230	3	0.54
8N 1385E	70-H-562	20	625	70	115	220	3	0.62
8N 1390E	70-H-563	20	625	75	110	220	3	0.56
8N 1395E	70-H-564	15	450	55	100	140	3	0.37
8N 1400E	70-H-565	30	560	80	130	245	3	0.76
8N 1405E	70-H-566	30	440	65	110	190	3	0.73
8N 1410E	70-H-567	25	310	55	120	145	2	0.49
8N 1415E	70-H-568	40	400	80	115	190	3	0.49
8N 1420E	70-H-569	90	310	70	130	180	3	0.49
8N 1425E	70-H-570	70	440	90	210	255	3	0.51
8N 1430E	70-H-571	100	840	95	315	360	3	0.74
8N 1435E	70-H-572	95	2770	480	1390	940	4	0.69
8N 1440E	70-H-573	300	2070	1000	1880	850	3	0.57
8N 1445E	70-H-574	285	1200	420	1200	615	4	0.94

METHODS:

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Chief Chemist Ray W. Verbyny

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001500 PROJECT No.: EL. 7/68 DUNDAS HASSETS

LAB. SHEET No.: 410/1 SAMPLE TYPE: SOIL PROFILE DATE: 14th September, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
1450 E	70-H-575	315	3750	2375	800	1320	2	4800
1455 E	70-H-576	95	3200	1500	625	1360	3	3550
1460 E	70-H-577	20	4500	930	2300	1270	4	6950
1465 E	70-H-578	10	6250	390	800	1040	3	6250
1470 E	70-H-579	15	6750	290	1000	840	3	6900
1475 E	70-H-580	20	3200	205	285	525	3	7650
1480 E	70-H-581	20	2750	150	225	460	2	7100
1485 E	70-H-582	65	1500	175	800	350	2	7300
1490 E	70-H-583	65	1440	135	550	345	2	6300
1495 E	70-H-584	55	1220	130	545	330	3	6500
1500 E	70-H-585	40	900	100	550	275	2	5300
1505 E	70-H-586	25	415	65	350	170	2	3600
1510 E	70-H-587	25	690	75	180	205	3	4400
1515 E	70-H-588	35	540	120	390	290	3	7950
1520 E	70-H-589	30	640	125	360	305	2	7950
1525 E	70-H-590	35	1000	110	220	270	4	8150
1530 E	70-H-591	25	1130	110	210	270	3	7600
1535 E	70-H-592	25	1130	105	210	295	3	7100
1540 E	70-H-593	30	1130	115	350	305	2	8800
1545 E	70-H-594	25	870	90	250	240	2	5850
1550 E	70-H-595	25	765	80	210	230	2	5250
1555 E	70-H-596	35	610	75	205	230	2	4300
1560 E	70-H-597	20	510	70	175	235	2	1850
1565 E	70-H-598	15	165	35	115	100	1	3850
1570 E	70-H-599	20	415	70	195	310	2	5950
1575 E	70-H-600	25	685	85	205	290	2	5850
1580 E	70-H-601	20	605	80	215	285	2	6150
1585 E	70-H-602	25	520	80	180	245	2	4900
1590 E	70-H-603	20	410	90	480	465	6	5000
1595 E	70-H-604	50	390	80	370	570	5	4950
1600 E	70-H-605	45	600	85	280	455	4	4950
1605 E	70-H-606	40	470	85	290	340	3	3200
1610 E	70-H-607	150	280	90	330	640	3	3050
1615 E	70-H-608	120	515	100	500	1380	3	1550
1620 E-R	70-H-609	185	1100	130	1400	1170	3	530
1625 E	70-H-610	30	130	40	160	130	1	3250
1630 E	70-H-611	20	475	70	180	205	3	5425
1635 E	70-H-612	100	575	110	305	430	3	5200
1640 E	70-H-613	230	650	100	1100	780	3	1575
1645 E-R	70-H-614	2525	320	85	1.30%	3075	7	460
1650 E	70-H-615	250	340	110	2600	785	4	2550
1655 E	70-H-616	190	345	110	290	200	2	2250
1660 E	70-H-617	135	315	75	180	150	2	2000
1665 E	70-H-618	120	335	70	170	160	BLD	2000
1670 E	70-H-619	190	460	150	130	205	BLD	2250
1675 E	70-H-620	210	125	30	195	285	1	50

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by GRC No. 1

Cr by GRC No. 5

B.L.D.= Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001500/01 PROJECT No.: EL. 7/68 - DUNDAS HASSETS

LAB. SHEET No.: 410/2 SAMPLE TYPE: SOIL PROFILE DATE: 14th September, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
1680 E	70-H-621	200	130	35	260	350	BLD	110
1685 E	70-H-622	10	20	BLD	70	15	BLD	80
1690 E	70-H-623	BLD	BLD	BLD	35	BLD	BLD	40
1695 E	70-H-624	2	5	BLD	55	10	BLD	220
1700 E	70-H-625	2	5	BLD	40	10	BLD	260
1705 E	70-H-626	2	BLD	BLD	40	10	BLD	360
1710 E	70-H-627	2	10	BLD	40	25	BLD	640
1715 E	70-H-628	5	5	BLD	60	10	BLD	110
1720 E	70-H-629	BLD	BLD	BLD	15	5	BLD	50
1725 E	70-H-630	BLD	BLD	BLD	20	5	BLD	90
1730 E	70-H-631	BLD	BLD	BLD	15	5	BLD	80
1735 E	70-H-632	BLD	BLD	BLD	15	5	BLD	50
1740 E	70-H-633	BLD	BLD	BLD	10	5	BLD	60
1745 E	70-H-634	BLD	BLD	BLD	15	5	BLD	30
1750 E	70-H-635	BLD	BLD	BLD	15	5	BLD	50
1755 E	70-H-636	BLD	BLD	BLD	10	5	BLD	50
1760 E	70-H-637	BLD	BLD	BLD	10	5	BLD	100
1765 E	70-H-638	BLD	BLD	BLD	15	5	BLD	90
1770 E	70-H-639	BLD	BLD	BLD	5	BLD	BLD	60
1775 E	70-H-640	5	5	BLD	10	BLD	BLD	110
1780 E	70-H-641	2	5	BLD	10	5	BLD	160
1785 E	70-H-642	BLD	BLD	BLD	10	BLD	BLD	60
1790 E	70-H-643	2	BLD	BLD	15	5	BLD	90
1795 E	70-H-644	5	BLD	BLD	10	BLD	BLD	70
1800 E	70-H-645	5	BLD	BLD	10	BLD	BLD	50

METHODS:

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001502 PROJECT No.: EL. 7/68 - DUNDAS - SOUTH COMET

LAB. SHEET No.: 423/2 SAMPLE TYPE: SOIL PROFILE DATE: 29th September, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm	Sn %
REC/CC1	70-H-649	10	215	65	530	110	2	2600	BLD
REC/CC2	70-H-650	405	55	50	8.00%	7000	26	10	BLD
REC/CC3	70-H-651	105	10	5	2.15%	3650	10	25	BLD
REC/CC4	70-H-652	265	570	100	1.58%	1.11%	19	580	BLD
REC/CC5	70-H-653	245	460	80	3.45%	1.39%	25	310	BLD
REC/CC7	70-H-654	110	165	60	5.00%	7000	4	BLD	BLD
REC/CC8	70-H-655	25	3950	325	555	1785	1	1400	BLD
REC/CC9	70-H-656	10	15	10	145	20	1	25	BLD
REC/CC10	70-H-657	175	30	15	105	110	2	85	0.05
REC/CC11	70-H-658	220	70	100	640	360	8	150	3.1
REC/CC13	70-H-659	5	5	5	30	5	BLD	40	BLD
REC/CC14	70-H-660	5	5	5	35	20	BLD	35	BLD
REC/CC15	70-H-661	5	5	5	50	20	BLD	35	BLD
REC/CC16	70-H-662	15	10	5	370	30	2	85	BLD
REC/CC16S	70-H-663	775	840	90	3.00%	7000	120	800	BLD
REC/CC18	70-H-664	5	5	5	360	10	1	10	BLD
REC/CC19	70-H-665	150	5	5	2.70%	155	10	20	BLD
REC/CC22	70-H-666	BLD	BLD	BLD	30	10	BLD	25	BLD
REC/CC30	70-H-667	5	10	5	20	10	BLD	105	BLD
REC/CC31	70-H-668	5	5	5	20	BLD	BLD	60	BLD
REC/CC32	70-H-669	15	5	5	15	BLD	BLD	60	BLD
REC/CC33	70-H-670	140	15	30	60	20	1	40	BLD
REC/CC34	70-H-671	15	10	5	40	45	BLD	50	BLD
REC/CC43	70-H-672	BLD	5	BLD	20	5	BLD	10	BLD
REC/CC46	70-H-673	20	25	30	120	40	1	35	BLD
REC/CC48	70-H-674	10	435	65	1300	975	3	700	BLD
REC/CC49	70-H-675	20	740	30	315	540	1	725	BLD
REC/CC51	70-H-676	BLD	5	5	40	10	BLD	45	BLD
REC/CC53	70-H-677	BLD	5	5	40	5	BLD	50	BLD
REC/CC55	70-H-678	5	10	5	50	120	BLD	35	BLD
REC/CC55S	70-H-679	4	10	5	60	65	1	60	BLD
REC/CC56	70-H-680	110	100	90	6500	1.88%	10	BLD	BLD
REC/CC57	70-H-681	310	70	30	.6900	5700	102	BLD	BLD
REC/CC62	70-H-682	5	5	5	30	10	BLD	40	BLD
REC/CC77	70-H-683	5	5	5	20	5	BLD	85	BLD

METHODS:

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Chief Chemist Ray W. Gerlach

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003504 PROJECT No.: EL. 7/68

LAB. SHEET No.: 423/3 SAMPLE TYPE: ROCK DATE: 29th September, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
B44/S19C	70-J-677	10	790	60	70	165	1	1000
B44/S22	70-J-678	140	570	300	1100	7000	2	440
B44/S24	70-J-679	295	395	80	6100	1.39%	12	180
B23/S32	70-J-680	35	675	115	280	9800	2	40
B23/S40	70-J-681	115	185	85	185	620	3	15
B23/S400	70-J-682	90	1120	295	2750	9800	8	1100
B23/S41	70-J-683	220	85	190	6500	540	3	30
B23/S411	70-J-684	95	1000	165	2000	7000	3	600
B23/S42	70-J-685	70	300	80	5700	7000	4	1600
B23/S44	70-J-686	60	350	80	4800	8500	4	1200
B23/S56	70-J-687	20	290	50	90	135	1	495
B23/S57	70-J-688	75	1780	5270	3400	1600	2	180

METHODS:

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001405 PROJECT No.: EL.7/68 - DUNDAS HASSETT'S

LAB. SHEET No.: 431/1 SAMPLE TYPE: SOIL PROFILE DATE: 8th October, 1970.

SAMPLE No.	LAB. No.	Pt ppm
4N/800E	70-H-250	BLD
4N/810E	70-H-251	BLD
4N/820E	70-H-252	BLD
4N/830E	70-H-253	BLD
4N/840E	70-H-254	BLD
4N/850E	70-H-255	BLD
4N/860E	70-H-256	BLD
4N/870E	70-H-257	BLD
4N/880E	70-H-258	BLD
4N/890E	70-H-259	BLD
4N/900E	70-H-260	BLD
4N/910E	70-H-261	1.0
4N/920E	70-H-262	BLD
4N/930E	70-H-263	BLD
4N/940E	70-H-264	BLD
4N/950E	70-H-265	BLD
4N/960E	70-H-266	BLD
4N/970E	70-H-267	1.0
4N/980E	70-H-268	BLD
4N/990E	70-H-269	BLD
4N/1000E	70-H-270	BLD
4N/1010E	70-H-271	BLD
4N/1020E	70-H-272	BLD
4N/1030E	70-H-273	BLD
4N/1040E	70-H-274	BLD
4N/1050E	70-H-275	BLD
4N/1060E	70-H-276	BLD
4N/1070E	70-H-277	BLD
4N/1080E	70-H-278	BLD
4N/1090E	70-H-279	BLD
4N/1100E	70-H-280	BLD
4N/1110E	70-H-281	BLD
4N/1120E	70-H-282	BLD
4N/1130E	70-H-283	BLD
4N/1140E	70-H-284	BLD
4N/1150E	70-H-285	BLD
4N/1160E	70-H-286	BLD
4N/1170E	70-H-287	BLD
4N/1180E	70-H-288	BLD
4N/1190E	70-H-289	BLD
4N/1200E	70-H-290	BLD
4N/1205E	70-H-291	BLD
4N/1210E	70-H-292	BLD
4N/1215E	70-H-293	BLD
4N/1220E	70-H-294	BLD
4N/1225E	70-H-295	SAMPLE MISSING

METHODS:

Pt by GRC No. 12
B.L.D.= Below Limit of Detection

Refer Lab. Sheet No. 391 for further analyses of these samples

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Chief Chemist. Ray W. Yerbury

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001495 PROJECT No.: EL. 7/68 - DUNDAS HASSETT'S

LAB. SHEET No.: 431/2 SAMPLE TYPE: SOIL PROF. DATE: 8th October, 1970.

SAMPLE No.	LAB. No.	Pt ppm							
4N/1230E	70-H-296	BLD							
4N/1235E	70-H-297	BLD							
4N/1240E	70-H-298	BLD							
4N/1245E	70-H-299	BLD							

METHODS:

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001509 PROJECT No.: EL.7/63 - DUNDAS/RED LEAD ADELAIDE/SOUTH COMET

LAB. SHEET No.: 433/13 SAMPLE TYPE: ~~SLUDGE (KHO)~~ ROCK DATE: ~~8th October, 1970.~~

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cd ppm	Cr ppm
0' - 5'	70-J-1681	100	-	-	660	1205	2	10	-
5' - 10'	70-J-1682	80	-	-	480	1005	2	10	-
10' - 15'	70-J-1683	75	-	-	160	1035	2	10	-
15' - 20'	70-J-1684	80	-	-	190	940	2	BLD	-
20' - 22'	70-J-1685	80	-	-	165	1040	2	BLD	-
22' - 30'	70-J-1686	85	-	-	235	2075	2	10	-
30' - 36'	70-J-1687	80	-	-	225	1450	2	10	-
36' - 47'	70-J-1688	70	-	-	160	905	2	BLD	-
47' - 57'	70-J-1689	80	-	-	155	1000	2	10	-
57' - 67'	70-J-1690	80	-	-	125	740	3	10	-
RL1	70-J-1691	55	215	30	275	245	1	-	290
RL2	70-J-1692	30	95	20	445	90	1	-	310
RL3	70-J-1693	120	2900	135	1400	6200	2	-	2250
RL4	70-J-1694	55	790	55	1600	6000	2	-	4300
RL5	70-J-1695	105	940	145	1800	2180	4	-	4300
RL6	70-J-1696	140	910	200	8000	7000	4	-	1900
RL7	70-J-1697	55	3370	440	1.19%	1.72%	9	-	2000
RL8	70-J-1698	155	3390	375	1750	1930	2	-	1220
RL9	70-J-1699	135	455	50	705	920	2	-	2.59%
RL10	70-J-1700	105	1700	120	1600	8000	3	-	2800
RL11	70-J-1701	40	775	60	2700	1350	2	-	3400
RL12	70-J-1702	5	485	20	135	280	1	-	2600
RL13	70-J-1703	5	840	55	90	400	1	-	1030
RL14	70-J-1704	5	90	30	45	80	1	-	65
RL15	70-J-1705	25	2000	850	5600	1560	1	-	1100
RL16	70-J-1706	30	640	75	2500	780	1	-	4400
RL17	70-J-1707	155	470	110	4000	1890	4	-	2800
RL18	70-J-1708	30	1310	95	2500	1630	2	-	5400
RL19	70-J-1709	75	2700	1810	1.42%	8000	3	-	1320
RL20	70-J-1710	335	465	100	3900	1200	2	-	4200

NATA

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METHODS: SLUDGE:- Cu, Pb, Zn, Ag, Cd by GRC No.100
Bi by GRC No. 102
Sb by GRC No. 107

ROCK:- Cu, Ni, Co, Pb, Zn, Ag by GRC No.
Cr by GRC No. 5

B.L.D.= Below Limit of Detection

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001509 PROJECT No.: EL 7/68 - DUNDAS/RED LEAD ADELAIDE/SOUTH COMET

LAB. SHEET No.: 433/14 SAMPLE TYPE: SLUDGE (KH) ROCK DATE: 8th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cd ppm	Cr ppm
RL 21	70-J-1711	235	1280	100	5600	1.29%	4	-	5400
RL 22	70-J-1712	30	1450	70	2000	1530	2	-	3800
RL 23	70-J-1713	45	1000	40	220	1690	2	-	2800
RL 24	70-J-1714	160	530	560	4.45%	5000	1	-	140
RL 25	70-J-1715	275	675	85	2650	2200	3	-	2900
RL 26	70-J-1716	80	650	50	1450	800	2	-	1190
RL 27	70-J-1717	205	2325	360	1.35%	7400	2	-	7100
RL 28	70-J-1718	10	250	85	1600	1770	1	-	110

METHODS:

NATA

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Chief Chemist Ray W. Henderson

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001512 PROJECT No.: EL.7/68 - DUNDAS/WEST COMET Traverse 10W

LAB. SHEET No.: 451/1 SAMPLE TYPE: SOIL PROFILE ROCK DATE: 29th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
S 10W/ 0W	70-K-1703	2	5	BLD	20	5	1	70
S 10W/10W	70-K-1704	2	5	BLD	25	2	1	40
S 10W/20W	70-K-1705	BLD	5	5	70	5	2	15
S 10W/30W	70-K-1706	2	5	5	50	10	3	10
S 10W/40W	70-K-1707	10	10	5	470	15	4	10
S 10W/50W	70-K-1708	5	10	5	225	10	6	20
S 10W/60W	70-K-1709	195	510	65	6800	1290	18	435
S 10W/110W	70-K-1710	125	130	30	3240	610	18	70
S 10W/120W	70-K-1711	475	465	80	1.23%	2120	65	780
S 10W/130W-CS	70-K-1712	200	150	55	1.02%	1780	38	200
S 10W/150W-CS	70-K-1713	115	50	35	5600	980	19	60
S 10W/160W-CS	70-K-1714	35	40	40	230	130	1	40
S 10W/170W-CS	70-K-1715	20	20	15	300	80	2	50
S 10W/180W-CS	70-K-1716	30	30	45	265	115	2	40
S 10W/190W	70-K-1717	20	20	20	190	90	2	25
S 10W/200W	70-K-1718	30	30	55	300	130	2	55
S 10W/210W	70-K-1719	50	40	55	1600	430	6	50
S 10W/220W	70-K-1720	205	70	50	1.22%	2120	37	65
S 10W/250W	70-K-1721	10	10	10	120	30	2	30
S 10W/260W	70-K-1722	2	10	5	25	10	1	35
S 10W/270W	70-K-1723	5	15	10	120	20	1	40
S 10W/280W	70-K-1724	10	20	15	220	30	2	80
S 10W/290W	70-K-1725	10	15	10	110	25	1	50
S 10W/300W	70-K-1726	5	10	5	55	20	1	45
S 10W/310W	70-K-1727	10	45	5	210	40	2	50
S 10W/320W	70-K-1728	10	80	5	150	60	2	40
S 10W/330W	70-K-1729	25	1380	70	80	585	1	1250
S 10W/340W	70-K-1730	30	1200	80	195	610	2	1300
S 10W/350W	70-K-1731	80	1260	140	1860	730	11	1800
S 10W/360W	70-K-1732	45	1860	90	335	740	2	2570
S 10W/370W	70-K-1733	50	1550	95	960	790	4	2950
S 10W/380W	70-K-1734	50	3380	100	200	1050	3	2630
S 10W/390W	70-K-1735	240	1000	90	8600	1590	25	1950
S 10W/400W	70-K-1736	30	905	65	200	520	2	1700
S 10W/410W	70-K-1737	30	1050	400	850	385	4	4200
S 10W/420W	70-K-1738	25	3120	1100	980	530	4	2900
S 10W/430W	70-K-1739	230	1200	435	6600	1130	35	1800
R 10W/440W	70-K-1740	2	1910	90	115	145	2	705
S 10W/450W	70-K-1741	35	185	200	235	235	3	3000
S 10W/460W	70-K-1742	40	380	150	210	295	3	3050
S 10W/470W	70-K-1743	15	295	95	130	200	3	2010
S 10W/480W	70-K-1744	30	240	75	110	170	3	2900
S 10W/490W	70-K-1745	45	405	90	120	245	3	2950
S 10W/500W	70-K-1746	20	190	75	90	195	2	2440
S 10W/510W	70-K-1747	45	280	50	80	160	2	2150
S 10W/520W	70-K-1748	30	250	65	80	160	2	2300

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by GRC No. 1

Cr by GRC No. 5

B.L.D.= Below Limit of Detection

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001512/13 PROJECT No. EL. 7/68 - DUNDAS, WEST COMET

LAB. SHEET No. 451/2 SAMPLE TYPE SOIL PROFILE ROCK DATE 29th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
S 10W/530N	70-K-1749	20	320	100	95	220	2	3400
S 10W/540N	70-K-1750	25	435	100	105	255	3	3600
S 10W/550N	70-K-1751	20	190	75	95	185	2	2550
S 10W/560N	70-K-1752	45	365	90	90	230	2	2750
S 10W/570N	70-K-1753	20	265	50	80	125	2	1400
S 10W/580N	70-K-1754	20	460	75	100	190	2	3100
S 10W/590N	70-K-1755	5	3230	260	95	280	1	1250
R 10W/600N	70-K-1756	2	2160	90	70	150	1	260
R 10W/610N	70-K-1757	5	5000	345	165	295	2	1500
S 10W/620N	70-K-1758	10	825	170	190	400	2	4550
S 10W/630N	70-K-1759	15	1020	250	220	610	2	7250
S 10W/640N	70-K-1760	10	2030	680	200	530	2	3350
S 10W/650N	70-K-1761	5	3320	270	230	310	1	605
S 10W/660N	70-K-1762	20	1040	180	115	385	2	7350
S 10W/670N	70-K-1763	75	1410	165	125	400	2	8200
S 10W/680N	70-K-1764	15	1380	180	100	350	2	6600
S 10W/690N	70-K-1765	10	1020	145	110	335	2	5200
R 10W/700N	70-K-1766	2	3320	90	80	250	1	255
R 10W/710N	70-K-1767	2	3570	120	80	260	1	435
S 10W/720N	70-K-1768	10	3920	485	160	455	2	3600
R 10W/730N	70-K-1769	2	3900	250	75	270	1	385
R 10W/740N	70-K-1770	5	2100	125	75	210	1	240
R 10W/750N	70-K-1771	2	1880	100	90	240	1	900
R 10W/760N	70-K-1772	5	2000	90	90	345	1	315
R 10W/770N	70-K-1773	5	3230	180	80	295	1	250
R 10W/780N	70-K-1774	5	2190	95	75	155	1	290
R 10W/790N	70-K-1775	2	1800	125	85	190	1	360
S 10W/800N	70-K-1776	10	1620	345	150	335	2	1600
R 10W/810N	70-K-1777	5	3120	305	100	380	1	410
R 10W/820N	70-K-1778	2	1860	100	100	100	1	280
R 10W/830N	70-K-1779	5	1780	100	70	165	1	375
R 10W/840N	70-K-1780	5	1800	110	110	170	1	270
R 10W/850N	70-K-1781	30	115	20	80	130	1	3600
S 10W/860N	70-K-1782	5	20	10	10	70	1	1600
S 10W/870N	70-K-1783	5	15	5	10	70	1	1250
S 10W/880N	70-K-1784	5	15	5	10	75	1	1600
S 10W/890N	70-K-1785	10	30	5	10	80	1	1300
S 10W/900N	70-K-1786	10	70	5	20	100	1	1000
S 10W/910N	70-K-1787	80	840	45	100	215	2	1500
S 10W/920N	70-K-1788	5	10	BLD	15	60	1	555
S 10W/930N	70-K-1789	5	10	5	15	160	1	2100
S 10W/940N	70-K-1790	5	10	5	15	90	1	900
S 10W/950N	70-K-1791	5	40	BLD	20	90	BLD	780
S 10W/960N	70-K-1792	5	30	BLD	15	70	BLD	485
S 10W/970N	70-K-1793	5	10	BLD	30	35	1	280
S 10W/980N	70-K-1794	2	5	BLD	20	10	1	60

METHODS:

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Chief Chemist Ray W. Gerdsmeyer

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613230

Telephone 27820

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001513/14 PROJECT No.: EL.7/68 - DUNDAS, WEST COMET

LAB. SHEET No.: 451/3 SAMPLE TYPE: SOIL PROFILE ROCK DATE: 29th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
S 10W/990N	70-K-1795	2	5	BLD	15	25	1	325
S 10W/1000N	70-K-1796	2	5	BLD	20	10	1	40
S 10W/1010N	70-K-1797	2	10	BLD	15	10	1	80
S 10W/1020N	70-K-1798	5	15	BLD	30	20	1	40
S 10W/1030N	70-K-1799	5	20	BLD	20	35	1	470
S 10W/1040N	70-K-1800	BLD	5	BLD	20	10	1	40
S 10W/1050N	70-K-1801	2	10	BLD	20	20	BLD	90
S 10W/1060N	70-K-1802	10	130	30	80	170	1	1200
S 10W/1070N	70-K-1803	40	345	45	100	220	2	1800
S 10W/1080N	70-K-1804	70	600	60	120	370	3	3420
S 10W/1090N	70-K-1805	110	1040	100	260	515	4	2150
S 10W/1100N	70-K-1806	105	1320	95	205	535	3	1650
S 10W/1110N	70-K-1807	120	1650	75	155	580	3	1750
S 10W/1120N	70-K-1808	55	310	30	75	170	1	1000
S 10W/1130N	70-K-1809	20	310	40	130	185	2	750
S 10W/1140N	70-K-1810	100	1000	70	160	415	3	1850
S 10W/1150N	70-K-1811	60	1240	65	195	435	3	1700
S 10W/1160N	70-K-1812	55	610	40	110	245	2	2400
S 10W/1170N	70-K-1813	140	1180	95	2200	375	2	2850
S 10W/1180N	70-K-1814	215	1000	80	2580	340	2	2520
S 10W/1190N	70-K-1815	160	950	75	170	325	3	1850
S 10W/1200N	70-K-1816	95	535	60	140	230	3	1400
R 10W/1210N	70-K-1817	225	920	90	140	335	3	1950
S 10W/1220N	70-K-1818	110	420	55	115	185	1	435
S 10W/1230N	70-K-1819	170	735	85	170	385	3	2410
S 10W/1240N	70-K-1820	80	525	75	140	270	3	1700
S 10W/1250N	70-K-1821	90	765	80	145	335	3	2250
S 10W/1260N	70-K-1822	80	825	75	150	315	3	2050
S 10W/1270N	70-K-1823	90	1340	80	195	525	3	2550
S 10W/1280N	70-K-1824	70	865	75	135	320	3	1950
S 10W/1290N	70-K-1825	90	950	100	195	420	3	2200
S 10W/1300N	70-K-1826	40	850	70	115	250	2	1000
S 10W/1310N	70-K-1827	25	510	50	80	155	1	1000
S 10W/1320N	70-K-1828	40	840	70	130	230	2	1100
S 10W/1330N	70-K-1829	40	635	70	130	240	2	1800
R 10W/1340N	70-K-1830	110	1060	90	315	405	3	1800
R 10W/1350N	70-K-1831	120	960	120	140	465	3	2520
S 10W/1360N	70-K-1832	55	790	80	155	350	3	1900
S 10W/1370N	70-K-1833	65	1000	135	175	470	3	2750
S 10W/1380N	70-K-1834	50	810	100	185	365	3	2500
S 10W/1390N	70-K-1835	45	760	90	150	285	3	1850
S 10W/1400N	70-K-1836	40	580	80	125	250	3	1900
S 10W/1410N	70-K-1837	40	595	70	115	205	2	1200
S 10W/1420N	70-K-1838	15	250	45	80	140	2	1050
S 10W/1430N	70-K-1839	20	400	65	105	145	3	1100
S 10W/1440N	70-K-1840	20	330	70	90	140	2	1150

METHODS:

NATA

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Chief Chemist

Ray W. Garlepy

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001514/15 PROJECT No.: EL 7/68 - DUNDAS/WEST COMET

LAB. SHEET No.: 451/4 SAMPLE TYPE: SOIL PROFILE ROCK DATE: 29th October,

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
S 10W/1450N	70-K-1841	30	250	60	170	190	2	950
S 10W/1460N	70-K-1842	10	135	25	50	80	1	830
S 10W/1470N	70-K-1843	20	75	20	40	80	1	1250
S 10W/1480N	70-K-1844	2	10	5	10	55	BLD	1250
S 10W/1490N	70-K-1845	2	10	5	10	30	BLD	425
S 10W/1500N	70-K-1846	2	10	BLD	10	20	BLD	195
S 10W/1510N	70-K-1847	BLD	10	BLD	10	15	BLD	180
S 10W/1520N	70-K-1848	BLD	5	BLD	10	10	BLD	40
S 10W/1530N	70-K-1849	BLD	BLD	BLD	10	15	BLD	100
S 10W/1540N	70-K-1850	BLD	5	BLD	10	40	BLD	605
S 10W/1550N	70-K-1851	BLD	10	10	10	120	BLD	4950
S 10W/1560N	70-K-1852	2	15	10	15	155	BLD	7250
S 10W/1570N	70-K-1853	5	20	15	15	170	BLD	8350
S 10W/1580N	70-K-1854	2	10	10	15	135	BLD	4850
S 10W/1590N	70-K-1855	2	5	5	20	60	BLD	1850
S 10W/1600N	70-K-1856	2	5	5	10	40	BLD	745
S 10W/1610N	70-K-1857	2	5	BLD	20	20	BLD	45
S 10W/1620N	70-K-1858	2	5	BLD	35	30	BLD	265
S 10W/1630N	70-K-1859	BLD	5	BLD	10	35	BLD	850
S 10W/1640N	70-K-1860	BLD	BLD	BLD	15	30	BLD	950
S 10W/1650N	70-K-1861	2	5	5	30	40	1	1150
S 10W/1660N	70-K-1862	2	5	BLD	30	30	BLD	900
S 10W/1670N	70-K-1863	2	5	BLD	55	45	BLD	1800
S 2E/00N	70-K-1864	15	100	20	100	190	1	570
S 2E/10N	70-K-1865	10	10	BLD	75	30	1	55
S 2E/20N	70-K-1866	5	5	BLD	40	10	1	60
S 2E/30N	70-K-1867	2	5	BLD	50	10	BLD	60
S 2E/40N	70-K-1868	5	15	BLD	65	20	BLD	75
S 2E/50N	70-K-1869	5	30	5	65	30	1	65
S 2E/60N	70-K-1870	2	10	BLD	35	20	1	90
S 2E/70N	70-K-1871	5	20	5	50	20	1	105
S 2E/80N	70-K-1872	5	40	10	80	30	1	75
S 2E/90N	70-K-1873	60	1050	195	280	1410	2	3150
S 2E/100N	70-K-1874	5	40	10	70	20	1	55
S 2E/110N	70-K-1875	15	80	35	130	100	2	35
S 2E/120N	70-K-1876	5	50	10	70	25	1	40
S 2E/130N	70-K-1877	10	75	25	80	85	1	40
S 2E/140N	70-K-1878	10	70	20	80	50	1	45
S 2E/150N	70-K-1879	10	80	25	90	60	1	50
S 2E/160N	70-K-1880	20	70	30	100	55	1	40
S 2E/170N	70-K-1881	10	70	20	90	50	1	35
S 2E/180N	70-K-1882	15	70	50	65	90	1	40
S 2E/190N	70-K-1883	10	55	25	40	55	1	40
S 2E/200N	70-K-1884	10	75	25	50	80	1	95
S 2E/210N	70-K-1885	15	115	40	75	120	2	370
S 2E/220N	70-K-1886	10	55	15	50	60	1	210

METHODS:

NATA

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist Ray W. Gerlach

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613232

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001515 PROJECT No. EL. 7/68 - DUNDAS/WEST COMET

LAB. SHEET No.: 451/5 SAMPLE TYPE: SOIL PROFILE / ROCK DATE: 29th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
S 2E/230W	70-K-1887	10	60	20	50	85	1	210
S 2E/240W	70-K-1888	10	105	30	55	140	1	425
S 2E/250W	70-K-1889	20	140	80	120	260	2	840
S 2E/260W	70-K-1890	30	140	90	90	145	2	1050
S 2E/270W	70-K-1891	10	140	50	85	260	1	1450
S 2E/280W	70-K-1892	50	650	925	100	180	2	1700
S 2E/290W	70-K-1893	30	750	150	140	385	2	2000
S 2E/300W	70-K-1894	30	840	130	155	425	3	2800
S 2E/310W	70-K-1895	30	980	130	150	780	2	3250
S 2E/320W	70-K-1896	30	575	150	230	560	1	2100
S 2E/330W	70-K-1897	30	910	85	280	640	1	950
S 2E/340W	70-K-1898	20	565	75	95	560	1	1250
S 2E/350W	70-K-1899	40	1060	150	225	1350	2	1500
S 2E/360W	70-K-1900	30	860	95	115	650	2	1850
S 2E/370W	70-K-1901	2	50	15	105	45	1	60
R 2E/380W	70-K-1902	15	430	95	140	310	3	1250
R 2E/390W	70-K-1903	10	750	75	255	415	3	390
S 2E/400W	70-K-1904	25	460	70	140	225	2	800
S 2E/410W	70-K-1905	15	505	70	125	250	3	700
S 2E/420W	70-K-1906	15	445	70	125	220	2	800
S 2E/430W	70-K-1907	20	400	70	130	200	3	900
S 2E/440W	70-K-1908	25	365	50	95	160	2	680
S 2E/450W	70-K-1909	40	780	95	140	480	2	900
R 2E/460W	70-K-1910	25	730	115	140	435	2	1100
R 2E/470W	70-K-1911	5	940	100	130	715	3	750
R 2E/480W	70-K-1912	15	1380	395	125	565	3	2250
R 2E/490W	70-K-1913	2	810	40	65	160	1	400
R 2E/500W	70-K-1914	2	120	15	180	115	BLD	155
R 2E/510W	70-K-1915	BLD	360	20	110	95	BLD	270
R 2E/520W	70-K-1916	5	810	80	120	390	2	1050
R 2E/530W	70-K-1917	10	2040	110	130	2475	2	495
R 2E/540W	70-K-1918	2	280	10	40	55	BLD	190
R 2E/550W	70-K-1919	BLD	260	80	45	55	1	760
R 2E/560W	70-K-1920	15	310	95	420	130	1	540
S 2E/570W	70-K-1921	20	695	95	675	300	2	1300
S 2E/580W	70-K-1922	190	60	40	1.05%	1700	36	60
S 2E/590W		S A M P L E			M I S S I N G			
S 2E/600W	70-K-1923	160	65	40	9850	1500	30	90
S 2E/610W	70-K-1924	15	790	220	340	470	3	4500
R 2E/620W	70-K-1925	BLD	1280	70	120	160	1	660
R 2E/630W	70-K-1926	BLD	1360	65	60	145	1	530
S 2E/640W	70-K-1927	10	1220	345	255	505	3	7400
S 2E/650W	70-K-1928	10	1280	280	160	520	2	5250
S 2E/660W	70-K-1929	10	750	195	180	450	3	5450
S 2E/670W	70-K-1930	10	730	245	230	480	2	5200
S 2E/680W	70-K-1931	20	710	220	215	425	3	4250

METHODS:

NATA

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Chief Chemist

Ray W. Gerlyng

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001516 PROJECT No.: EL.7/68 - DUNDAS - WEST COMET

LAB. SHEET No.: 451/6 SAMPLE TYPE: SOIL PROFILE ROCK DATE: 29th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
S 2E/690W	70-K-1932	15	675	495	360	480	3	3450
R 2E/700W	70-K-1933	20	575	195	200	385	2	2650
S 2E/710W	70-K-1934	10	1560	1650	500	255	2	2800
S 2E/720W	70-K-1935	40	860	150	255	305	2	4000
S 2E/730W	70-K-1936	15	485	30	250	210	BLD	1250
S 2E/740W	70-K-1937	25	625	125	150	465	2	4600
S 2E/750W	70-K-1938	25	675	120	145	500	2	6200
S 2E/760W	70-K-1939	15	600	105	155	395	2	6010
S 2E/770W	70-K-1940	15	530	120	180	375	3	5350
S 2E/780W	70-K-1941	15	540	125	230	390	2	5600
S 2E/790W	70-K-1942	25	600	145	285	425	2	6000
S 2E/800W	70-K-1943	30	510	115	270	370	3	5450
S 2E/810W	70-K-1944	30	365	95	185	255	2	3900
S 2E/820W	70-K-1945	50	370	110	205	260	3	3750
S 2E/830W	70-K-1946	45	375	95	230	260	3	4000
S 2E/840W	70-K-1947	40	295	90	210	165	2	4150
S 2E/850W	70-K-1948	75	430	130	235	330	3	3900
S 2E/860W	70-K-1949	75	400	100	220	170	2	4000
S 2E/870W	70-K-1950	70	375	110	340	255	2	4200
S 2E/880W	70-K-1951	120	660	130	1800	460	5	4350
S 2E/890W	70-K-1952	95	470	75	280	340	2	6200
S 2E/900W	70-K-1953	75	380	100	435	150	2	2750
S 2E/910W	70-K-1954	90	350	95	240	210	2	2700
S 2E/920W	70-K-1955	125	470	110	290	160	2	2100
S 2E/930W	70-K-1956	90	300	85	420	280	2	1950
S 2E/940W	70-K-1957	75	305	80	205	225	2	1450
S 2E/950W	70-K-1958	100	370	100	670	510	2	1900
S 2E/960W	70-K-1959	70	270	70	280	215	2	1200
S 2E/970W	70-K-1960	30	135	30	90	70	BLD	750
S 2E/980W	70-K-1961	25	130	20	90	60	1	435
S 2E/990W	70-K-1962	30	115	15	110	50	1	200
S 2E/1000W	70-K-1963	20	95	10	95	45	1	150
S 2E/1010W	70-K-1964	10	25	BLD.	40	10	BLD	80
S 2E/1020W	70-K-1965	15	100	10	90	30	BLD	105
S 2E/1030W	70-K-1966	20	100	10	95	30	BLD	110
S 2E/1040W	70-K-1967	25	100	10	80	30	BLD	120
S 2E/1050W	70-K-1968	45	175	20	75	55	BLD	160
S 2E/1060W	70-K-1969	50	225	20	85	70	1	210
S 2E/1070W	70-K-1970	45	170	20	70	50	1	170
S 2E/1080W	70-K-1971	30	95	10	60	25	BLD	135
S 2E/1090W	70-K-1972	35	85	10	60	25	BLD	140
S 2E/1100W	70-K-1973	10	15	5	50	15	BLD	50
S 2E/1110W	70-K-1974	2	5	BLD	10	10	BLD	130
S 2E/1120W	70-K-1975	BLD	5	BLD	10	10	BLD	200
S 2E/1130W	70-K-1976	BLD	5	BLD	10	15	BLD	215
S 2E/1140W	70-K-1977	120	715	30	90	210	BLD	265

METHODS:

NATA

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Chief Chemist Ray W. Gerhyway

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001517 PROJECT No.: EL.7/68 - DUNDAS/WEST COMET

LAB. SHEET No.: 451/7 SAMPLE TYPE: SOIL PROF. ROCK DATE: 29th October, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm
S 2E/1150W	70-K-1978	50	190	20	140	105	1	160
S 2E/1160W	70-K-1979	35	40	10	80	30	BLD	90
S 2E/1170W	70-K-1980	10	10	BLD	30	10	BLD	40
S 2E/1180W	70-K-1981	2	5	BLD	20	5	BLD	45
S 2E/1190W	70-K-1982	25	40	25	70	65	1	90
S 2E/1200W	70-K-1983	10	15	10	45	30	BLD	55
S 2E/1210W	70-K-1984	5	15	5	50	30	BLD	50
S 2E/1220W	70-K-1985	10	15	5	55	15	BLD	50
S 2E/1230W	70-K-1986	10	10	BLD	50	10	BLD	45
S 2E/1240W	70-K-1987	10	10	BLD	60	10	BLD	45
S 2E/1250W	70-K-1988	10	10	BLD	65	10	BLD	50
S 2E/1260W	70-K-1989	15	15	5	80	15	BLD	60
S 2E/1270W	70-K-1990	15	25	10	75	20	BLD	95
S 2E/1280W	70-K-1991	20	40	15	105	30	BLD	120
S 2E/1290W	70-K-1992	35	105	25	110	50	BLD	150
S 2E/1300W	70-K-1993	75	330	170	220	195	1	250
S 2E/1310W	70-K-1994	35	170	60	135	135	1	180
S 2E/1320W	70-K-1995	25	370	50	210	660	1	320
S 2E/1330W	70-K-1996	20	45	10	75	30	BLD	80
S 2E/1340W	70-K-1997	25	45	15	75	35	BLD	80
S 2E/1350W	70-K-1998	20	40	10	90	35	BLD	75
S 2E/1360W	70-K-1999	15	25	5	75	20	BLD	75
S 2E/1370W	70-K-2000	15	30	5	60	20	BLD	70
S 2E/1380W	70-K-2001	10	25	5	45	20	BLD	75
S 2E/1390W	70-K-2002	20	25	5	60	30	BLD	70
S 2E/1400W	70-K-2003	10	10	BLD	60	15	BLD	55
S 2E/1410W	70-K-2004	5	10	BLD	40	10	BLD	50
S 2E/1420W	70-K-2005	5	10	5	60	15	BLD	50
S 2E/1430W	70-K-2006	2	5	BLD	20	5	BLD	55
S 2E/1440W	70-K-2007	10	25	15	435	25	1	60
S 2E/1450W	70-K-2008	BLD	BLD	BLD	60	10	BLD	30
S 2E/1460W	70-K-2009	15	5	BLD	95	10	BLD	30
S 2E/1470W	70-K-2010	5	5	BLD	20	10	BLD	30
S 2E/1480W	70-K-2011	BLD	BLD	BLD	20	5	BLD	30
S 2E/1490W	70-K-2012	20	75	10	90	30	1	115

METHODS:

NATA

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Chief Chemist Ray W. Gerdsmeyer

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613235 A

CHEMICAL LABORATORY
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Roma Street, Brisbane 4000
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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: C01512 PROJECT No.: EL. 7/68 - DUNDAS - WEST COMET

LAB. SHEET No.: 482/1 SAMPLE TYPE: SOIL PROF. ROCK. DATE: 24th November, 1970.

SAMPLE No.	LAB. No.	Sn %	As ppm
	70-K-1703	0.10%	30
	70-K-1704	0.05%	10
	70-K-1705	BLD	10
	70-K-1706	BLD	10
	70-K-1707	BLD	20
	70-K-1708	BLD	20
	70-K-1709	BLD	120
	70-K-1710	BLD	30
	70-K-1711	BLD	220
	70-K-1712	BLD	260
	70-K-1713	BLD	70
	70-K-1714	0.05%	20
	70-K-1715	0.05%	30
	70-K-1716	BLD	40
	70-K-1717	BLD	20
	70-K-1718	BLD	10
	70-K-1719	BLD	40
	70-K-1720	BLD	180
	70-K-1721	BLD	50
	70-K-1722	BLD	20
	70-K-1723	BLD	20
	70-K-1724	BLD	40
	70-K-1725	0.10%	20
	70-K-1726	0.05%	20
	70-K-1727	BLD	40
	70-K-1728	BLD	20
	70-K-1729	BLD	130
	70-K-1730	BLD	270
	70-K-1731	BLD	590
	70-K-1732	BLD	140
	70-K-1733	BLD	120
	70-K-1734	BLD	80
	70-K-1735	BLD	100
	70-K-1736	0.12%	100
	70-K-1737	BLD	110
	70-K-1738	0.05%	80
	70-K-1739	BLD	220
	70-K-1740	0.05%	BLD
	70-K-1741	BLD	40
	70-K-1742	BLD	10
	70-K-1743	BLD	20
	70-K-1744	BLD	40
	70-K-1745	BLD	20
	70-K-1746	BLD	10
	70-K-1747	BLD	60
	70-K-1748	BLD	50

METHODS:

Sn by GRC No. 6A
As by GRC No. 3A

B.L.D. = Below Limit of Detection

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S Langley
for Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001513 PROJECT No.: EL.7/68 - DUNDAS - WEST COMET

LAB. SHEET No.: 482/2 SAMPLE TYPE: SOIL PROF. DATE: 24th November, 1970.
ROCK

SAMPLE No.	LAB. No.	Sn %	As ppm
	70-K-1749	0.10%	40
	70-K-1750	BLD	10
	70-K-1751	BLD	70
	70-K-1752	BLD	60
	70-K-1753	BLD	70
	70-K-1754	BLD	70
	70-K-1755	BLD	20
	70-K-1756	BLD	BLD
	70-K-1757	BLD	220
	70-K-1758	BLD	30
	70-K-1759	BLD	20
	70-K-1760	BLD	20
	70-K-1761	BLD	20
	70-K-1762	BLD	50
	70-K-1763	BLD	60
	70-K-1764	BLD	60
	70-K-1765	BLD	70
	70-K-1766	BLD	BLD
	70-K-1767	BLD	BLD
	70-K-1768	0.08%	40
	70-K-1769	BLD	BLD
	70-K-1770	BLD	BLD
	70-K-1771	0.21%	BLD
	70-K-1772	0.05%	BLD
	70-K-1773	0.05%	BLD
	70-K-1774	BLD	BLD
	70-K-1775	BLD	BLD
	70-K-1776	BLD	60
	70-K-1777	BLD	20
	70-K-1778	BLD	20
	70-K-1779	BLD	20
	70-K-1780	BLD	10
	70-K-1781	BLD	40
	70-K-1782	0.12%	20
	70-K-1783	0.08%	10
	70-K-1784	0.05%	10
	70-K-1785	BLD	10
	70-K-1786	BLD	20
	70-K-1787	BLD	BLD
	70-K-1788	BLD	20
	70-K-1789	BLD	10
	70-K-1790	BLD	10
	70-K-1791	BLD	10
	70-K-1792	BLD	40
	70-K-1793	BLD	20
	70-K-1794	0.05%	10

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001513/14 PROJECT No.: EL. 7/68 - DUNDAS - WEST COAST

LAB. SHEET No.: 482/3 SAMPLE TYPE: SOIL PROF. ROCK DATE: 24th November, 1970

SAMPLE No.	LAB. No.	Sn	As ppm
	70-K-1795	0.05%	10
	70-K-1796	BLD	BLD
	70-K-1797	BLD	10
	70-K-1798	BLD	50
	70-K-1799	0.14%	10
	70-K-1800	BLD	BLD
	70-K-1801	0.05%	20
	70-K-1802	BLD	40
	70-K-1803	BLD	20
	70-K-1804	BLD	100
	70-K-1805	BLD	10
	70-K-1806	BLD	20
	70-K-1807	BLD	20
	70-K-1808	BLD	30
	70-K-1809	BLD	50
	70-K-1810	0.10%	40
	70-K-1811	0.05%	40
	70-K-1812	BLD	40
	70-K-1813	BLD	20
	70-K-1814	BLD	40
	70-K-1815	BLD	40
	70-K-1816	BLD	20
	70-K-1817	BLD	10
	70-K-1818	BLD	30
	70-K-1819	BLD	BLD
	70-K-1820	BLD	20
	70-K-1821	BLD	30
	70-K-1822	BLD	20
	70-K-1823	BLD	BLD
	70-K-1824	BLD	30
	70-K-1825	BLD	30
	70-K-1826	BLD	40
	70-K-1827	BLD	10
	70-K-1828	BLD	10
	70-K-1829	BLD	BLD
	70-K-1830	BLD	BLD
	70-K-1831	BLD	30
	70-K-1832	0.08%	60
	70-K-1833	BLD	30
	70-K-1834	BLD	30
	70-K-1835	BLD	40
	70-K-1836	0.08%	50
	70-K-1837	0.10%	60
	70-K-1838	0.08%	50
	70-K-1839	BLD	40
	70-K-1840	BLD	50

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001514/15 PROJECT No.: EL 7/68 - DUNDAS - WEST COMET

LAB. SHEET No.: 482/4 SAMPLE TYPE: SOIL PROF. ROCK DATE: 24th November, 1970.

SAMPLE No.	LAB. No.	Sn %	As ppm
	70-K-1841	0.05%	20
	70-K-1842	BLD	20
	70-K-1843	0.05%	20
	70-K-1844	0.10%	30
	70-K-1845	BLD	10
	70-K-1846	0.05%	30
	70-K-1847	0.05%	50
	70-K-1848	BLD	50
	70-K-1849	0.10%	30
	70-K-1850	BLD	60
	70-K-1851	BLD	50
	70-K-1852	BLD	10
	70-K-1853	BLD	10
	70-K-1854	BLD	20
	70-K-1855	BLD	20
	70-K-1856	BLD	40
	70-K-1857	BLD	40
	70-K-1858	BLD	30
	70-K-1859	BLD	30
	70-K-1860	0.10%	20
	70-K-1861	BLD	40
	70-K-1862	0.05%	40
	70-K-1863	BLD	40
	70-K-1864	BLD	60
	70-K-1865	BLD	30
	70-K-1866	BLD	40
	70-K-1867	BLD	40
	70-K-1868	BLD	40
	70-K-1869	BLD	50
	70-K-1870	BLD	40
	70-K-1871	0.12%	60
	70-K-1872	BLD	40
	70-K-1873	BLD	110
	70-K-1874	0.05%	30
	70-K-1875	0.05%	90
	70-K-1876	0.05%	30
	70-K-1877	BLD	20
	70-K-1878	BLD	50
	70-K-1879	BLD	50
	70-K-1880	BLD	50
	70-K-1881	BLD	70
	70-K-1882	0.08%	30
	70-K-1883	0.05%	70
	70-K-1884	BLD	70
	70-K-1885	BLD	90
	70-K-1886	BLD	60

METHODS:

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D. Langhorne

for Chief Chemist

239

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001515/16 PROJECT No.: EL.7/68 DUNDAS - WEST COMET

LAB. SHEET No.: 482/5 SAMPLE TYPE: SOIL PROF. ROCK DATE: 24th November, 1970.

SAMPLE No.	LAB. No.	Sn %	As ppm
	70-K-1887	BLD	60
	70-K-1888	BLD	70
	70-K-1889	BLD	30
	70-K-1890	BLD	40
	70-K-1891	BLD	90
	70-K-1892	BLD	40
	70-K-1893	0.05%	40
	70-K-1894	0.05%	70
	70-K-1895	BLD	100
	70-K-1896	BLD	60
	70-K-1897	0.08%	50
	70-K-1898	0.05%	70
	70-K-1899	BLD	80
	70-K-1900	BLD	40
	70-K-1901	0.08%	60
	70-K-1902	BLD	70
	70-K-1903	BLD	90
	70-K-1904	BLD	230
	70-K-1905	BLD	190
	70-K-1906	BLD	100
	70-K-1907	BLD	320
	70-K-1908	BLD	590
	70-K-1909	BLD	530
	70-K-1910	BLD	310
	70-K-1911	BLD	50
	70-K-1912	BLD	70
	70-K-1913	BLD	130
	70-K-1914	0.05%	90
	70-K-1915	BLD	230
	70-K-1916	BLD	880
	70-K-1917	BLD	4380
	70-K-1918	0.05%	250
	70-K-1919	0.08%	20
	70-K-1920	BLD	80
	70-K-1921	BLD	70
	70-K-1922	BLD	260
	70-K-1923	BLD	280
	70-K-1924	BLD	10
	70-K-1925	0.08%	20
	70-K-1926	BLD	BLD
	70-K-1927	BLD	40
	70-K-1928	BLD	60
	70-K-1929	BLD	20
	70-K-1930	BLD	50
	70-K-1931	BLD	70
	70-K-1932	BLD	70

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001516/17 PROJECT No.: EL 7/68 - DUNDAS - WEST COMET

LAB. SHEET No.: 482/6 SAMPLE TYPE: SOIL PROF. ROCK DATE: 24th November, 1970.

SAMPLE No.	LAB. No.	Sn %	As ppm						
	70-K-1933	0.05%	100						
	70-K-1934	BLD	20						
	70-K-1935	BLD	50						
	70-K-1936	BLD	100						
	70-K-1937	BLD	80						
	70-K-1938	BLD	70						
	70-K-1939	BLD	90						
	70-K-1940	BLD	50						
	70-K-1941	BLD	90						
	70-K-1942	BLD	60						
	70-K-1943	BLD	140						
	70-K-1944	BLD	220						
	70-K-1945	BLD	260						
	70-K-1946	BLD	310						
	70-K-1947	BLD	140						
	70-K-1948	BLD	80						
	70-K-1949	BLD	210						
	70-K-1950	0.05%	80						
	70-K-1951	BLD	70						
	70-K-1952	BLD	50						
	70-K-1953	BLD	280						
	70-K-1954	BLD	220						
	70-K-1955	BLD	250						
	70-K-1956	BLD	170						
	70-K-1957	BLD	240						
	70-K-1958	BLD	260						
	70-K-1959	BLD	230						
	70-K-1960	0.05%	70						
	70-K-1961	BLD	70						
	70-K-1962	BLD	70						
	70-K-1963	BLD	60						
	70-K-1964	BLD	70						
	70-K-1965	BLD	50						
	70-K-1966	BLD	90						
	70-K-1967	BLD	80						
	70-K-1968	0.05%	30						
	70-K-1969	0.05%	80						
	70-K-1970	BLD	50						
	70-K-1971	BLD	50						
	70-K-1972	BLD	70						
	70-K-1973	BLD	40						
	70-K-1974	BLD	50						
	70-K-1975	BLD	20						
	70-K-1976	0.05%	40						
	70-K-1977	BLD	60						
	70-K-1978	BLD	90						

METHODS:

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for Chief Chemist

241

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001517/18(?) PROJECT No.: EL 7/68 - DUNDAS - WEST COMET

LAB. SHEET No.: 482/7 SAMPLE TYPE: SOIL PROF. ROCK DATE: 24th November, 1970.

SAMPLE No.	LAB. No.	Sn %	As ppm
	70-K-1979	BLD	80
	70-K-1980	BLD	60
	70-K-1981	BLD	30
	70-K-1982	BLD	40
	70-K-1983	BLD	20
	70-K-1984	BLD	50
	70-K-1985	BLD	50
	70-K-1986	BLD	30
	70-K-1987	BLD	10
	70-K-1988	0.05%	BLD
	70-K-1989	BLD	BLD
	70-K-1990	0.10%	10
	70-K-1991	0.05%	30
	70-K-1992	BLD	20
	70-K-1993	BLD	40
	70-K-1994	BLD	70
	70-K-1995	BLD	70

METHODS:

NATA

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for Chief Chemist

242

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001496 PROJECT No.: EL. 7/68 - DUNDAS - HASETTS

LAB. SHEET No.: 546/1 SAMPLE TYPE: Soil Prof. DATE: 3rd March, 1971.

SAMPLE No.	LAB. No.	Pt ppm
1250 E	70-H-300	BLD
1255 E	70-H-301	BLD
1260 E	70-H-302	BLD
1265 E	70-H-303	BLD
1270 E	70-H-304	BLD
1275 E	70-H-305	BLD
1280 E	70-H-306	BLD
1285 E	70-H-307	BLD
1290 E	70-H-308	BLD
1295 E	70-H-309	BLD
1300 E	70-H-310	BLD
1305 E	70-H-311	BLD
1310 E	70-H-312	BLD
1315 E	70-H-313	BLD
1320 E	70-H-314	BLD
1325 E	70-H-315	BLD
1330 E	70-H-316	BLD
1335 E	70-H-317	BLD
1340 E	70-H-318	BLD
1345 E	70-H-319	BLD
1350 E	70-H-320	BLD
1355 E	70-H-321	BLD
1360 E	70-H-322	BLD
1365 E	70-H-323	BLD
1370 E	70-H-324	BLD
1375 E	70-H-325	BLD
1380 E	70-H-326	1
1385 E	70-H-327	BLD
1390 E	70-H-328	1
1395 E	70-H-329	BLD
1400 E	70-H-330	BLD
1405 E	70-H-331	BLD
1410 E	70-H-332	BLD
1415 E	70-H-333	BLD
1420 E	70-H-334	BLD
1425 E	70-H-335	BLD
1430 E	70-H-336	BLD
1435 E	70-H-337	BLD
1440 E	70-H-338	BLD
1445 E	70-H-339	BLD
1450 E	70-H-340	BLD
1455 E	70-H-341	BLD
1460 E	70-H-342	1
1465 E	70-H-343	BLD
1470 E	70-H-344	2

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METHODS:
Pt by G.R.C. no. 12
B.L.D. = Below Limit of Detection

(REFER LAB. SHEET NO. 391/1-7)

Chief Chemist

24

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001496/7 PROJECT No.: EL.7/68 - DUNDAS - HASSETTS

LAB. SHEET No.: 546/2 SAMPLE TYPE: Soil Prof. DATE: 3rd March, 1971.

SAMPLE No.	LAB. No.	Pt ppm
1475 E	70-H-345	BLD
1480 E	70-H-346	1
1485 E	70-H-347	BLD
1490 E	70-H-348	BLD
1495 E	70-H-349	1
1500 E	70-H-350	BLD
1505 E	70-H-351	BLD
1510 E	70-H-352	BLD
1515 E	70-H-353	1
1520 E	70-H-354	BLD
1525 E	70-H-355	BLD
1530 E	70-H-356	BLD
1535 E	70-H-357	BLD
1540 E	70-H-358	1
1545 E	70-H-359	BLD
1550 E	70-H-360	BLD
1555 E	70-H-361	1
1560 E	70-H-362	BLD
1565 E	70-H-363	1
1570 E	70-H-364	BLD
1575 E	70-H-365	BLD
1580 E	70-H-366	BLD
1585 E	70-H-367	BLD
1590 E	70-H-368	BLD
1595 E	70-H-369	BLD
1600 E	70-H-370	BLD
1610 E	70-H-371	BLD
1620 E	70-H-372	BLD
1630 E	70-H-373	BLD
1640 E	70-H-374	BLD
1650 E	70-H-375	BLD
1660 E	70-H-376	BLD
1670 E	70-H-377	BLD
1680 E	70-H-378	BLD
1690 E	70-H-379	BLD
1690 E (Dump Sampl.	70-H-380	BLD
1700 E	70-H-381	BLD
1710 E	70-H-382	BLD
1720 E	70-H-383	BLD
1730 E	70-H-384	BLD
1740 E	70-H-385	BLD
1750 E	70-H-386	BLD
1760 E	70-H-387	BLD
1770 E	70-H-388	BLD
1780 E	70-H-389	BLD

METHODS:

REFER LAB. SHEET NO. 391/1-7

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Ray W. Yeabsley

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001497/98 PROJECT No.: EL. 7/68 - DUNDAS - HASSETTS

LAB. SHEET No.: 546/3 SAMPLE TYPE: Soil Prof. DATE: 3rd March, 1971.

SAMPLE No.	LAB. No.	Pt ppm
1790 E	70-H-390	BLD
1800 E	70-H-391	BLD
1810 E	70-H-392	BLD
1820 E	70-H-393	BLD
1830 E	70-H-394	BLD
1840 E	70-H-395	SAMPLE MISSING
1850 E	70-H-396	BLD
1860 E	70-H-397	BLD
1870 E	70-H-398	BLD
1880 E	70-H-399	BLD
1890 E	70-H-500	BLD
1900 E	70-H-501	BLD
REC B1	70-H-502	BLD
REC B2	70-H-503	BLD
REC B3	70-H-504	BLD
REC B4	70-H-505	BLD
REC B5	70-H-506	BLD
REC B7	70-H-507	BLD
REC B9	70-H-508	1
REC B10	70-H-509	BLD
REC B11	70-H-510	BLD
REC B13	70-H-511	BLD
REC B14	70-H-512	1
REC B15	70-H-513	BLD
REC B16	70-H-514	BLD
REC B17	70-H-515	BLD
REC B18	70-H-516	BLD
REC B20	70-H-517	BLD
REC B21	70-H-518	BLD
REC B22	70-H-519	BLD
REC B24	70-H-520	BLD
REC B25	70-H-521	BLD
REC B26	70-H-522	BLD
REC B52	70-H-523	BLD
REC B53	70-H-524	BLD
1200E	70-H-525	BLD
1205E	70-H-526	BLD
1210E	70-H-527	BLD
1215E	70-H-528	BLD
1220E	70-H-529	1
1225E	70-H-530	1
1230E	70-H-531	1
1235E	70-H-532	1
1240E	70-H-533	1
1245E	70-H-534	1

METHODS:

REFER LAB. SHEET NO. 391/1-7

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Ray W. Gardner

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001498/99 PROJECT No.: EL. 7/68 - DUNDAS - HASSETTS

LAB. SHEET No.: 546/4 SAMPLE TYPE: Soil Prof. DATE: 3rd March, 1971.

SAMPLE No.	LAB. No.	Pt ppm
1250E	70-H-535	1
1255E	70-H-536	1
1260E	70-H-537	1
1265E	70-H-538	1
1270E	70-H-539	1
1275E	70-H-540	1
1280E	70-H-541	BLD
1285E	70-H-542	BLD
1290E	70-H-543	BLD
1295E	70-H-544	BLD
1300E	70-H-545	BLD
1305E	70-H-546	BLD
1310E	70-H-547	BLD
1315E	70-H-548	BLD
1320E	70-H-549	BLD
1325E	70-H-550	BLD
1330E	70-H-551	BLD
1335E	70-H-552	BLD
1340E	70-H-553	BLD
1345E	70-H-554	BLD
1350E	70-H-555	BLD
1355E	70-H-556	BLD
1360E	70-H-557	BLD
1365E	70-H-558	BLD
1370E	70-H-559	BLD
1375E	70-H-560	BLD
1380E	70-H-561	BLD
1385E	70-H-562	BLD
1390E	70-H-563	BLD
1395E	70-H-564	BLD
1400E	70-H-565	BLD
1405E	70-H-566	BLD
1410E	70-H-567	BLD
1415E	70-H-568	BLD
1420E	70-H-569	BLD
1425E	70-H-570	BLD
1430E	70-H-571	BLD
1435E	70-H-572	BLD
1440E	70-H-573	BLD
1445E	70-H-574	BLD

METHODS:

REFER LAB. SHEET NO. 391/1-7

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 1500 PROJECT No.: EL.7/68 - DUNDAS - HASSETTS

LAB. SHEET No.: 546/5 SAMPLE TYPE: SOIL PROF. ROCK DATE: 3rd March, 1971.

SAMPLE No.	LAB. No.	Pt ppm
1450E	70-H-575	BLD
1455E	70-H-576	BLD
1460E	70-H-577	BLD
1465E	70-H-578	BLD
1470E	70-H-579	BLD
1475E	70-H-580	BLD
1480E	70-H-581	BLD
1485E	70-H-582	BLD
1490E	70-H-583	BLD
1495E	70-H-584	BLD
1500E	70-H-585	BLD
1505E	70-H-586	BLD
1510E	70-H-587	BLD
1515E	70-H-588	BLD
1520E	70-H-589	BLD
1525E	70-H-590	BLD
1530E	70-H-591	BLD
1535E	70-H-592	BLD
1540E	70-H-593	BLD
1545E	70-H-594	BLD
1550E	70-H-595	BLD
1555E	70-H-596	BLD
1560E	70-H-597	BLD
1565E	70-H-598	BLD
1570E	70-H-599	BLD
1575E	70-H-600	BLD
1580E	70-H-601	BLD
1585E	70-H-602	BLD
1590E	70-H-603	BLD
1595E	70-H-604	BLD
1600E	70-H-605	BLD
1605E	70-H-606	BLD
1610E	70-H-607	BLD
1615E	70-H-608	BLD
1620E-R	70-H-609	BLD
1625E	70-H-610	BLD
1630E	70-H-611	BLD
1635E	70-H-612	BLD
1640E	70-H-613	BLD
1645E-R	70-H-614	BLD
1650E	70-H-615	BLD
1655E	70-H-616	BLD
1660E	70-H-617	1
1665E	70-H-618	1
1670E	70-H-619	BLD
1675E	70-H-620	BLD

METHODS: REFER LAB. SHEET NO. 410/1-2

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Chief Chemist

Ray W. Gerdwyn

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001500/01 PROJECT No.: EL. 7/68 - DUNDAS - HASSETTS

LAB. SHEET No.: 546/6 SAMPLE TYPE: SOIL PROF. ROCK DATE: 3rd March, 1971.

SAMPLE No.	LAB. No.	Pt ppm
1680E	70-H-621	BLD
1685E	70-H-622	BLD
1690E	70-H-623	BLD
1695E	70-H-624	BLD
1700E	70-H-625	BLD
1705E	70-H-626	BLD
1710E	70-H-627	1
1715E	70-H-628	BLD
1720E	70-H-629	BLD
1725E	70-H-630	BLD
1730E	70-H-631	BLD
1735E	70-H-632	BLD
1740E	70-H-633	BLD
1745E	70-H-634	BLD
1750E	70-H-635	BLD
1755E	70-H-636	BLD
1760E	70-H-637	BLD
1765E	70-H-638	BLD
1770E	70-H-639	BLD
1775E	70-H-640	BLD
1780E	70-H-641	BLD
1785E	70-H-642	BLD
1790E	70-H-643	BLD
1795E	70-H-644	BLD
1800E	70-H-645	BLD

METHODS:

NATA

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Chief Chemist

Ray W. Jackson

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001512 PROJECT No.: EL.7/68 - DUNDAS - WEST COMET

LAB. SHEET No.: 622/1 SAMPLE TYPE: SOIL PROFILE ROCK DATE: 11th May, 1971.

SAMPLE No.	LAB. No.	Pt ppm
S10W/0W	70-K-1703	BLD
S10W/10W	70-K-1704	BLD
S10W/20W	70-K-1705	BLD
S10W/30W	70-K-1706	BLD
S10W/40W	70-K-1707	BLD
S10W/50W	70-K-1708	BLD
S10W/60W	70-K-1709	1
S10W/110W	70-K-1710	BLD
S10W/120W	70-K-1711	INSUFFICIENT SAMPLE
S10W/130W	70-K-1712	INSUFFICIENT SAMPLE
S10W/150W	70-K-1713	BLD
S10W/160W	70-K-1714	BLD
S10W/170W	70-K-1715	BLD
S10W/180W	70-K-1716	BLD
S10W/190W	70-K-1717	BLD
S10W/200W	70-K-1718	BLD
S10W/210W	70-K-1719	BLD
S10W/220W	70-K-1720	BLD
S10W/250W	70-K-1721	BLD
S10W/260W	70-K-1722	BLD
S10W/270W	70-K-1723	BLD
S10W/280W	70-K-1724	BLD
S10W/290W	70-K-1725	BLD
S10W/300W	70-K-1726	BLD
S10W/310W	70-K-1727	BLD
S10W/320W	70-K-1728	BLD
S10W/330W	70-K-1729	BLD
S10W/340W	70-K-1730	BLD
S10W/350W	70-K-1731	BLD
S10W/360W	70-K-1732	BLD
S10W/370W	70-K-1733	BLD
S10W/380W	70-K-1734	BLD
S10W/390W	70-K-1735	BLD
S10W/400W	70-K-1736	BLD
S10W/410W	70-K-1737	BLD
S10W/420W	70-K-1738	BLD
S10W/430W	70-K-1739	INSUFFICIENT SAMPLE
R10W/440W	70-K-1740	BLD
S10W/450W	70-K-1741	BLD
S10W/460W	70-K-1742	BLD
S10W/470W	70-K-1743	BLD
S10W/480W	70-K-1744	BLD
S10W/490W	70-K-1745	BLD
S10W/500W	70-K-1746	BLD
S10W/510W	70-K-1747	BLD
S10W/520W	70-K-1748	BLD

METHODS:

Pt by G.R.C. No. 123

B.L.D. = Below Limit of Detection

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REFER PREV. LAB. SHEET NO. 482/1

Chief Chemist

Ray W. Gerbyn

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613249

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001512/3 PROJECT No.: EL.7/68 - DUNDAS - WEST COMET

LAB. SHEET No.: 622/2 SAMPLE TYPE: SOIL PROFILE DATE: 11th May, 1971.
ROCK

SAMPLE No.	LAB. No.	Pt ppm
S10W/530W	70-K-1749	BLD
S10W/540W	70-K-1750	BLD
S10W/550W	70-K-1751	BLD
S10W/560W	70-K-1752	BLD
S10W/570W	70-K-1753	BLD
S10W/580W	70-K-1754	BLD
S10W/590W	70-K-1755	BLD
R10W/600W	70-K-1756	BLD
R10W/610W	70-K-1757	INSUFFICIENT SAMPLE
S10W/620W	70-K-1758	BLD
S10W/630W	70-K-1759	BLD
S10W/640W	70-K-1760	BLD
S10W/650W	70-K-1761	BLD
S10W/660W	70-K-1762	BLD
S10W/670W	70-K-1763	BLD
S10W/680W	70-K-1764	BLD
S10W/690W	70-K-1765	1
R10W/700W	70-K-1766	BLD
R10W/710W	70-K-1767	BLD
S10W/720W	70-K-1768	BLD
R10W/730W	70-K-1769	BLD
R10W/740W	70-K-1770	BLD
R10W/750W	70-K-1771	BLD
R10W/760W	70-K-1772	BLD
R10W/770W	70-K-1773	BLD
R10W/780W	70-K-1774	BLD
R10W/790W	70-K-1775	BLD
S10W/800W	70-K-1776	3
R10W/810W	70-K-1777	BLD
R10W/820W	70-K-1778	BLD
R10W/830W	70-K-1779	BLD
R10W/840W	70-K-1780	BLD
R10W/850W	70-K-1781	BLD
S10W/860W	70-K-1782	BLD
S10W/870W	70-K-1783	BLD
S10W/880W	70-K-1784	BLD
S10W/890W	70-K-1785	BLD
S10W/900W	70-K-1786	BLD
S10W/910W	70-K-1787	BLD
S10W/920W	70-K-1788	BLD
S10W/930W	70-K-1789	BLD
S10W/940W	70-K-1790	1
S10W/950W	70-K-1791	BLD
S10W/960W	70-K-1792	BLD
S10W/970W	70-K-1793	BLD
S10W/980W	70-K-1794	BLD

METHODS:

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Chief Chemist Ray W. Gerlach

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001513/4 PROJECT No.: EL.7/68 - DUNDAS - WEST COMET

LAB. SHEET No.: 622/3 SAMPLE TYPE: SOIL PROFILE ROCK DATE: 11th May, 1971.

SAMPLE No.	LAB. No.	Pt ppm
S10W/990W	70-K-1795	1
S10W/1000W	70-K-1796	BLD
S10W/1010W	70-K-1797	BLD
S10W/1020W	70-K-1798	BLD
S10W/1030W	70-K-1799	BLD
S10W/1040W	70-K-1800	BLD
S10W/1050W	70-K-1801	BLD
S10W/1060W	70-K-1802	BLD
S10W/1070W	70-K-1803	BLD
S10W/1080W	70-K-1804	BLD
S10W/1090W	70-K-1805	1
S10W/1100W	70-K-1806	BLD
S10W/1110W	70-K-1807	BLD
S10W/1120W	70-K-1808	BLD
S10W/1130W	70-K-1809	BLD
S10W/1140W	70-K-1810	BLD
S10W/1150W	70-K-1811	BLD
S10W/1160W	70-K-1812	BLD
S10W/1170W	70-K-1813	BLD
S10W/1180W	70-K-1814	BLD
S10W/1190W	70-K-1815	BLD
S10W/1200W	70-K-1816	BLD
R10W/1210W	70-K-1817	BLD
S10W/1220W	70-K-1818	BLD
S10W/1230W	70-K-1819	1
S10W/1240W	70-K-1820	BLD
S10W/1250W	70-K-1821	BLD
S10W/1260W	70-K-1822	BLD

METHODS:

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Chief Chemist

Ray W. Yerbury

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001543 PROJECT No.: EL. 7/68 - DUNDAS - HASSETT - N. COMET

LAB. SHEET No.: 637/2 SAMPLE TYPE: SOIL PROFILE DATE: 25th May, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
7.5N + 0	71-D-1788	BLD	10	BLD	25	BLD	1		
7.5N + 5W	71-D-1789	2	5	BLD	20	BLD	BLD		
7.5N + 10W	71-D-1790	5	10	BLD	20	BLD	BLD		
7.5N + 15W	71-D-1791	35	20	15	70	15	1		
7.5N + 20W	71-D-1792	35	25	15	50	90	BLD		
7.5N + 25W	71-D-1793	2	BLD	BLD	20	BLD	BLD		
7.5N + 30W	71-D-1794	2	5	BLD	20	BLD	BLD		
7.5N + 35W	71-D-1795	2	10	BLD	15	5	BLD		
7.5N + 40W	71-D-1796	2	10	BLD	25	10	BLD		
7.5N + 45W	71-D-1797	2	BLD	BLD	20	5	BLD		
7.5N + 50W	71-D-1798	BLD	BLD	BLD	20	BLD	BLD		
7.5N + 55W	71-D-1799	2	BLD	BLD	20	5	BLD		
7.5N + 60W	71-D-1800	2	10	BLD	40	5	BLD		
7.5N + 65W	71-D-1801	10	10	5	40	15	BLD		
7.5N + 70W	71-D-1802	10	10	BLD	75	20	BLD		
7.5N + 75W	71-D-1803	15	10	BLD	90	25	BLD		
7.5N + 80W	71-D-1804	10	10	10	55	10	BLD		
7.5N + 85W	71-D-1805	10	10	BLD	40	10	BLD		
7.5N + 90W	71-D-1806	5	10	5	60	10	1		
7.5N + 95W	71-D-1807	10	20	5	60	10	1		
7.5N + 100W	71-D-1808	BLD	15	BLD	30	BLD	BLD		
7.5N + 105W	71-D-1809	BLD	5	BLD	20	BLD	BLD		
7.5N + 110W	71-D-1810	BLD	5	BLD	25	BLD	BLD		
7.5N + 115W	71-D-1811	5	5	BLD	20	BLD	BLD		
7.5N + 120W	71-D-1812	BLD	5	BLD	30	BLD	1		
7.5N + 125W	71-D-1813	BLD	BLD	BLD	10	BLD	BLD		
7.5N + 130W	71-D-1814	BLD	BLD	BLD	20	BLD	BLD		
7.5N + 135W	71-D-1815	2	BLD	BLD	50	BLD	BLD		
7.5N + 140W	71-D-1816	10	5	BLD	40	5	BLD		
7.5N + 145W	71-D-1817	10	5	BLD	75	10	BLD		
7.5N + 150W	71-D-1818	5	5	BLD	95	10	BLD		
7.5N + 155W	71-D-1819	BLD	10	BLD	65	BLD	BLD		
7.5N + 160W	71-D-1820	5	10	BLD	70	BLD	BLD		
7.5N + 165W	71-D-1821	5	15	BLD	65	10	BLD		
7.5N + 175W	71-D-1822	50	210	40	330	300	1		
7.5N + 180W	71-D-1823	205	575	80	400	600	3		
7.5N + 185W	71-D-1824	65	385	85	285	430	3		
7.5N + 190W	71-D-1825	120	315	95	345	285	3		
7.5N + 195W	71-D-1826	70	330	75	280	455	3		
7.5N + 200W	71-D-1827	90	285	60	415	710	2		
7.5N + 205W	71-D-1828	35	135	30	200	305	1		
7.5N + 210W	71-D-1829	40	115	30	170	150	1		
7.5N + 215W	71-D-1830	10	30	BLD	30	30	BLD		
7.5N + 220W	71-D-1831	10	30	10	20	15	BLD		
7.5N + 225W	71-D-1832	5	10	BLD	15	10	BLD		
7.5N + 230W	71-D-1833	70	150	45	160	140	2		

METHODS:
Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1
B.L.D. = Below Limit of Detection

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D Longhurst
for Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001543 PROJECT No.: EL. 7/68 - DUNDAS - HASSETT - N. COMET

LAB. SHEET No.: 637/3 SAMPLE TYPE: SOIL PROFILE DATE: 25th May, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
7.5N + 235W	71-D-1834	70	140	30	100	120	1		
7.5N + 240W	71-D-1835	80	125	35	130	115	1		
7.5N + 245W	71-D-1836	70	140	50	125	130	2		
7.5N + 250W	71-D-1837	75	60	20	80	75	1		
7.5N + 255W	71-D-1838	10	15	BLD	40	10	BLD		
7.5N + 260W	71-D-1839	15	25	5	20	10	BLD		
7.5N + 265W	71-D-1840	20	30	BLD	20	15	1		
7.5N + 270W	71-D-1841	95	175	35	85	130	1		
7.5N + 280W	71-D-1842	75	90	15	90	70	1		
7.5N + 285W	71-D-1843	90	160	25	70	110	1		
7.5N + 290W	71-D-1844	165	170	45	110	180	2		
7.5N + 295W	71-D-1845	185	270	40	100	210	2		
7.5N + 300W	71-D-1846	90	145	20	65	110	1		
7.5N + 305W	71-D-1847	190	205	30	90	190	1		
7.5N + 310W	71-D-1848	185	260	30	95	260	1		
7.5N + 315W	71-D-1849	500	305	50	130	360	1		
7.5N + 320W	71-D-1850	380	390	65	120	455	1		
7.5N + 325W	71-D-1851	355	375	55	120	460	2		
7.5N + 330W	71-D-1852	320	410	70	160	525	3		
7.5N + 335W	71-D-1853	170	255	35	100	345	1		
7.5N + 340W	71-D-1854	275	280	40	120	450	2		
7.5N + 345W	71-D-1855	205	345	50	100	355	2		
7.5N + 350W	71-D-1856	260	345	60	160	425	2		
7.5N + 355W	71-D-1857	355	310	55	190	480	2		
7.5N + 360W	71-D-1858	240	290	40	140	255	1		
7.5N + 365W	71-D-1859	240	280	60	130	280	1		
7.5N + 370W	71-D-1860	210	240	50	120	245	2		
7.5N + 380W	71-D-1861	210	260	60	120	275	2		
7.5N + 385W	71-D-1862	130	240	55	120	265	2		
7.5N + 390W	71-D-1863	175	215	60	140	280	2		
7.5N + 395W	71-D-1864	110	270	45	130	205	1		
7.5N + 400W	71-D-1865	150	190	50	155	380	1		
7.5N + 405W	71-D-1866	410	320	90	340	1425	4		
7.5N + 410W	71-D-1867	425	315	75	1150	2800	3		
7.5N + 415W	71-D-1868	215	285	85	725	1300	4		
7.5N + 420W	71-D-1869	160	245	70	230	495	2		
7.5N + 425W	71-D-1870	130	250	70	305	790	2		
7.5N + 430W	71-D-1871	130	255	80	260	850	2		
7.5N + 435W	71-D-1872	120	255	70	300	550	2		
7.5N + 440W	71-D-1873	160	290	80	295	510	3		
7.5N + 445W	71-D-1874	155	345	85	1000	1800	3		
7.5N + 450W	71-D-1875	145	250	195	1800	825	4		
7.5N + 455W	71-D-1876	190	395	170	2550	825	7		
7.5N + 460W	71-D-1877	230	235	220	2100	1450	3		
7.5N + 465W	71-D-1878	435	300	260	4800	1950	3		
7.5N + 470W	71-D-1879	190	325	180	1800	1450	2		

METHODS:

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

D Loughray
for Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001544/5 PROJECT No.: EL. 7/68 - DUNDAS

LAB. SHEET No.: 637/4 . SAMPLE TYPE: SOIL PROFILE DATE: 25th May, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
7.5N + 475W	71-D-1880	380	400	295	4000	2400	9		
7.5N + 480W	71-D-1881	175	265	285	1800	850	4		
7.5N + 485W	71-D-1882	140	240	240	950	510	2		
7.5N + 490W	71-D-1883	135	260	260	2400	735	4		
7.5N + 495W	71-D-1884	130	290	400	2950	770	4		
7.5N + 500W	71-D-1885	170	440	280	3800	2250	7		
7.5N + 505W	71-D-1886	185	395	255	3750	1650	5		
7.5N + 510W	71-D-1887	140	325	215	2250	925	4		
7.5N + 515W	71-D-1888	150	270	175	2800	850	4		
7.5N + 520W	71-D-1889	295	280	220	7550	1800	7		
7.5N + 525W	71-D-1890	155	240	145	2150	825	5		
7.5N + 530W	71-D-1891	285	665	305	3350	1450	16		
7.5N + 535W	71-D-1892	185	340	165	2800	850	6		
7.5N + 540W	71-D-1893	105	140	205	340	110	3		
7.5N + 545W	71-D-1894	120	150	190	440	140	3		
7.5N + 550W	71-D-1895	190	325	100	2100	2050	3		
7.5N + 555W	71-D-1896	220	330	170	3000	2000	4		
7.5N + 560W	71-D-1897	105	155	170	275	105	3		
7.5N + 565W	71-D-1898	95	155	170	170	70	2		
7.5N + 570W	71-D-1899	80	160	70	120	75	2		
7.5N + 580W	71-D-1900	65	155	60	90	70	2		
7.5N + 585W	71-D-1901	55	120	35	70	80	1		
7.5N + 590W	71-D-1902	45	120	50	65	75	2		
7.5N + 595W	71-D-1903	55	110	30	60	70	1		
7.5N + 600W	71-D-1904	60	105	30	60	70	1		
7.5N + 605W	71-D-1905	60	100	25	55	75	1		
7.5N + 610W	71-D-1906	70	100	25	60	70	1		
7.5N + 615W	71-D-1907	80	95	30	70	80	1		
7.5N + 620W	71-D-1908	70	100	20	75	55	1		
7.5N + 625W	71-D-1909	60	100	30	160	45	2		
7.5N + 630W	71-D-1910	60	115	25	80	45	2		
7.5N + 635W	71-D-1911	55	110	30	80	45	2		
7.5N + 640W	71-D-1912	50	105	30	95	50	1		
7.5N + 645W	71-D-1913	40	100	20	70	40	2		
7.5N + 650W	71-D-1914	50	100	30	80	30	1		
7.5N + 655W	71-D-1915	55	145	30	85	45	1		
7.5N + 660W	71-D-1916	40	95	25	70	40	1		
7.5N + 665W	71-D-1917	40	110	25	75	35	1		
7.5N + 670W	71-D-1918	40	70	20	65	25	1		
7.5N + 675W	71-D-1919	40	60	20	70	20	1		
7.5N + 680W	71-D-1920	40	50	15	70	20	1		
7.5N + 685W	71-D-1921	40	50	10	70	20	1		
7.5N + 690W	71-D-1922	40	50	20	55	15	1		
7.5N + 695W	71-D-1923	40	40	20	60	20	1		
7.5N + 700W	71-D-1924	45	80	20	60	30	1		
7.5N + 705W	71-D-1925	55	120	40	85	55	1		

METHODS:

NATA

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D Longbray
for Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001545/6 PROJECT No.: EL.7/68 - DUNDAS - HASSETT - N. COME

LAB. SHEET No.: 637/5 SAMPLE TYPE: SOIL PROFILE DATE: 25th May, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
7.5N + 710W	71-D-1926	40	100	30	90	45	1		
7.5N + 715W	71-D-1927	45	110	35	100	40	1		
7.5N + 720W	71-D-1928	55	120	40	90	40	1		
7.5N + 725W	71-D-1929	50	110	30	80	30	1		
7.5N + 730W	71-D-1930	65	240	105	115	65	2		
7.5N + 735W	71-D-1931	60	140	45	100	45	2		
7.5N + 740W	71-D-1932	70	85	30	70	20	1		
7.5N + 745W	71-D-1933	70	90	25	75	25	1		
7.5N + 750W	71-D-1934	80	90	35	90	25	2		
10.5N+ 00	71-D-1935	2	10	BLD	45	10	BLD		
10.5N+ 5 W	71-D-1936	2	10	BLD	100	15	BLD		
10.5N+ 10W	71-D-1937	BLD	BLD	BLD	40	5	BLD		
10.5N+ 15W	71-D-1938	2	10	BLD	45	10	BLD		
10.5N+ 20W	71-D-1939	2	10	BLD	45	10	1		
10.5N+ 25W	71-D-1940	2	10	BLD	35	10	BLD		
10.5N+ 30W	71-D-1941	2	10	BLD	30	5	BLD		
10.5N+ 35W	71-D-1942	BLD	10	BLD	40	10	BLD		
10.5N+ 40W	71-D-1943	BLD	10	BLD	30	5	BLD		
10.5N+ 45W	71-D-1944	BLD	10	BLD	40	5	BLD		
10.5N+ 50W	71-D-1945	BLD	5	BLD	35	10	BLD		
10.5N+ 55W	71-D-1946	BLD	10	5	30	10	BLD		
10.5N+ 60W	71-D-1947	BLD	10	BLD	30	10	BLD		
10.5N+ 65W	71-D-1948	BLD	10	10	55	30	2		
10.5N+ 70W	71-D-1949	2	15	5	65	10	2		
10.5N+ 75W	71-D-1950	10	20	10	105	35	3		
10.5N+ 80W	71-D-1951	15	30	30	170	190	4		
10.5N+ 85W	71-D-1952	15	25	15	170	90	2		
10.5N+ 90W	71-D-1953	35	55	40	265	310	3		
10.5N+ 95W	71-D-1954	30	50	40	270	355	3		
10.5N+ 100W	71-D-1955	40	60	50	460	400	3		
10.5N+ 105W	71-D-1956	70	60	40	455	345	2		
10.5N+ 110W	71-D-1957	30	50	35	295	285	2		
10.5N+ 115W	71-D-1958	30	45	30	220	265	1		
10.5N+ 120W	71-D-1959	90	60	45	210	270	2		
10.5N+ 125W	71-D-1960	70	60	50	180	275	1		
10.5N+ 130W	71-D-1961	130	85	75	255	425	2		
10.5N+ 135W	71-D-1962	155	90	75	530	475	3		
10.5N+ 140W	71-D-1963	45	30	20	475	95	2		
10.5N+ 145W	71-D-1964	80	55	50	240	230	1		
10.5N+ 150W	71-D-1965	75	50	50	545	310	2		
10.5N+ 155W	71-D-1966	30	20	10	900	70	1		
10.5N+ 160W	71-D-1967	30	35	10	1050	125	2		
10.5N+ 165W	71-D-1968	25	45	10	1200	55	1		
10.5N+ 170W	71-D-1969	20	25	5	685	20	1		
10.5N+ 175W	71-D-1970	10	20	5	690	15	1		
10.5N+ 180W	71-D-1971	15	25	5	630	25	1		

METHODS:

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for Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001546/7 PROJECT No.: EL. 7/68 - DUNDAS - HASSETTS - N. COME

LAB. SHEET No.: 637/6 SAMPLE TYPE: SOIL PROFILE DATE: 25th May, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
10.5N+ 185W	71-D-1972	10	15	BLD	355	10	BLD		
10.5N+ 190W	71-D-1973	BLD	10	BLD	330	5	1		
10.5N+ 195W	71-D-1974	5	10	BLD	320	5	BLD		
10.5N+ 200W	71-D-1975	5	10	BLD	240	5	BLD		
10.5N+ 205W	71-D-1976	5	10	BLD	200	BLD	BLD		
10.5N+ 210W	71-D-1977	5	20	BLD	140	BLD	1		
10.5N+ 215W	71-D-1978	2	30	5	85	10	BLD		
10.5N+ 220W	71-D-1979	BLD	30	BLD	80	5	1		
10.5N+ 225W	71-D-1980	2	20	BLD	205	10	BLD		
10.5N+ 230W	71-D-1981	40	125	30	190	110	1		
10.5N+ 235W	71-D-1982	85	310	65	250	230	3		
10.5N+ 240W	71-D-1983	70	200	60	235	245	2		
10.5N+ 245W	71-D-1984	60	245	50	200	190	2		
10.5N+ 250W	71-D-1985	50	185	60	180	205	2		
10.5N+ 255W	71-D-1986	45	260	55	170	185	2		
10.5N+ 260W	71-D-1987	45	170	50	180	120	2		
10.5N+ 265W	71-D-1988	95	510	80	185	300	3		
10.5N+ 270W	71-D-1989	60	485	80	180	180	3		
10.5N+ 275W	71-D-1990	75	345	80	175	170	3		
10.5N+ 280W	71-D-1991	70	330	65	180	190	3		
10.5N+ 285W	71-D-1992	45	220	55	185	130	2		
10.5N+ 290W	71-D-1993	35	140	40	195	120	1		
10.5N+ 295W	71-D-1994	60	275	75	240	300	3		
10.5N+ 300W	71-D-1995	80	465	60	245	780	2		
10.5N+ 305W	71-D-1996	80	250	70	270	490	3		
10.5N+ 310W	71-D-1997	80	320	75	275	385	2		
10.5N+ 315W	71-D-1998	65	270	80	240	300	3		
10.5N+ 320W	71-D-1999	90	300	85	520	550	3		
10.5N+ 325W	71-D-2000	100	570	90	490	650	3		
10.5N+ 330W	71-D-2001	125	420	80	280	435	3		
10.5N+ 335W	71-D-2002	65	290	75	450	670	3		
10.5N+ 340W	71-D-2003	50	205	45	230	405	1		
10.5N+ 345W	71-D-2004	190	815	90	340	735	2		
10.5N+ 350W	71-D-2005	90	500	90	310	595	3		
10.5N+ 355W	71-D-2006	155	730	100	295	650	3		
10.5N+ 360W	71-D-2007	70	400	90	350	585	3		
10.5N+ 365W	71-D-2008	65	490	95	455	900	3		
10.5N+ 370W	71-D-2009	80	410	90	630	1000	3		
10.5N+ 375W	71-D-2010	80	330	105	1600	1525	4		
10.5N+ 380W	71-D-2011	90	365	130	2750	1950	5		
10.5N+ 385W	71-D-2012	120	500	205	3400	2950	5		
10.5N+ 390W	71-D-2013	100	400	195	3300	2475	5		
10.5N+ 395W	71-D-2014	110	485	275	4650	2675	6		
10.5N+ 400W	71-D-2015	105	465	290	3850	2175	6		
10.5N+ 405W	71-D-2016	150	720	370	5550	3000	8		
10.5N+ 410W	71-D-2017	155	560	315	4250	2300	9		

METHODS:

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D Longhurst
for Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001547/8 PROJECT No. EL. 7/68 - DUNDAS

LAB. SHEET No. 637/7 SAMPLE TYPE SOIL PROFILE DATE 25th May, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
10.5N+ 415W	71-D-2018	190	780	340	4650	2925	13		
10.5N+ 420W	71-D-2019	170	750	320	5300	3200	13		
10.5N+ 425W	71-D-2020	150	715	270	4500	2600	9		
10.5N+ 430W	71-D-2021	150	545	255	3300	2300	7		
10.5N+ 435W	71-D-2022	220	1125	260	3700	870	13		
10.5N+ 440W	71-D-2023	215	790	300	5300	2625	15		
10.5N+ 445W	71-D-2024	185	675	300	4550	2600	17		
10.5N+ 450W	71-D-2025	120	350	195	2450	1050	5		
10.5N+ 455W	71-D-2026	145	465	205	3000	1850	4		
10.5N+ 460W	71-D-2027	130	540	230	3850	2950	10		
10.5N+ 465W	71-D-2028	60	200	185	2450	620	4		
10.5N+ 470W	71-D-2029	50	190	165	2400	510	4		
10.5N+ 475W	71-D-2030	50	170	180	2750	535	2		
10.5N+ 480W	71-D-2031	75	380	295	5250	1825	4		
10.5N+ 485W	71-D-2032	115	430	370	5550	1650	5		
10.5N+ 490W	71-D-2033	50	210	225	3550	780	3		
10.5N+ 495W	71-D-2034	95	735	460	6900	1150	6		
10.5N+ 500W	71-D-2035	75	425	350	8100	2175	4		
10.5N+ 505W	71-D-2036	40	180	275	2300	445	2		
10.5N+ 510W	71-D-2037	125	565	440	6800	2400	9		
10.5N+ 515W	71-D-2038	70	315	315	3450	950	3		
10.5N+ 520W	71-D-2039	120	745	310	4800	2375	5		
10.5N+ 525W	71-D-2040	110	660	310	3800	1600	5		
10.5N+ 530W	71-D-2041	65	405	315	5400	1475	4		
10.5N+ 535W	71-D-2042	120	750	585	6200	1950	13		
10.5N+ 540W	71-D-2043	70	505	375	6200	1450	5		
10.5N+ 545W	71-D-2044	105	900	280	5150	2525	8		
10.5N+ 550W	71-D-2045	80	540	135	5500	2300	6		
10.5N+ 555W	71-D-2046	40	145	110	6050	1075	3		
10.5N+ 560W	71-D-2047	25	50	80	4100	435	2		
10.5N+ 565W	71-D-2048	30	85	80	3700	720	3		
10.5N+ 570W	71-D-2049	10	25	70	2050	85	1		
10.5N+ 575W	71-D-2050	15	40	105	1800	150	1		
10.5N+ 580W	71-D-2051	10	30	35	745	160	1		
10.5N+ 585W	71-D-2052	50	170	165	1800	530	3		
10.5N+ 590W	71-D-2053	10	40	20	350	230	1		
10.5N+ 595W	71-D-2054	10	40	10	110	30	1		
10.5N+ 600W	71-D-2055	15	50	10	75	25	1		

METHODS:

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D Langhorne
for Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 003563/4 PROJECT No. EL. 7/68 - DUNDAS RAZORBACK GRID (SOUTH)

LAB. SHEET No. 684/1 SAMPLE TYPE SOIL PROFILE DATE. 15th July, 1971

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sn %
6 N + 300 W	71-F-750	BLD	10	5	15	170	BLD	0.04
6 N + 310 W	71-F-751	BLD	15	5	40	60	BLD	0.03
6 N + 320 W	71-F-752	BLD	15	5	75	50	BLD	0.03
6 N + 330 W	71-F-753	2	10	5	70	50	BLD	0.04
6 N + 340 W	71-F-754	BLD	10	5	15	65	BLD	0.04
6 N + 350 W	71-F-755	BLD	10	10	10	110	BLD	0.04
6 N + 360 W	71-F-756	BLD	10	10	5	100	BLD	0.08
6 N + 370 W	71-F-757	BLD	10	10	10	110	BLD	0.04
6 N + 380 W	71-F-758	BLD	15	15	10	275	BLD	BLD
6 N + 390 W	71-F-759	BLD	15	15	10	190	BLD	0.03
6 N + 400 W	71-F-760	BLD	10	10	5	110	BLD	0.04
6 N + 410 W	71-F-761	BLD	20	10	10	130	BLD	0.04
6 N + 420 W	71-F-762	BLD	15	10	5	100	BLD	0.04
6 N + 430 W	71-F-763	BLD	10	10	15	100	BLD	0.03
6 N + 440 W	71-F-764	BLD	15	10	20	80	BLD	0.03
6 N + 450 W	71-F-765	10	140	20	150	140	1	BLD
6 N + 460 W	71-F-766	BLD	35	15	55	120	BLD	0.03
6 N + 470 W	71-F-767	BLD	85	20	20	110	BLD	0.02
6 N + 480 W	71-F-768	BLD	15	10	5	65	BLD	0.03
6 N + 490 W	71-F-769	BLD	2325	90	55	335	1	0.03
6 N + 500 W	71-F-770	BLD	950	160	55	270	1	0.03
6 N + 510 W	71-F-771	2	240	70	55	180	1	0.03
6 N + 520 W	71-F-772	BLD	2125	80	165	410	1	0.03
6 N + 530 W	71-F-773	BLD	255	40	45	180	1	0.03
6 N + 540 W	71-F-774	BLD	130	80	70	170	1	BLD
6 N + 550 W	71-F-775	BLD	10	5	10	100	BLD	0.03
8 N + 400 W	71-F-776	BLD	10	20	15	100	BLD	0.02
8 N + 410 W	71-F-777	BLD	10	10	10	80	BLD	0.04
8 N + 420 W	71-F-778	BLD	5	BLD	5	10	BLD	0.02
8 N + 430 W	71-F-779	5	10	BLD	45	10	BLD	0.02
8 N + 440 W	71-F-780	40	20	5	10	20	BLD	0.02
8 N + 450 W	71-F-781	30	5	5	15	20	BLD	0.04
8 N + 460 W	71-F-782	15	10	BLD	25	10	BLD	0.03
8 N + 470 W	71-F-783	BLD	5	BLD	15	15	BLD	0.04
8 N + 480 W	71-F-784	BLD	BLD	BLD	5	25	BLD	0.06
8 N + 490 W	71-F-785	BLD	BLD	BLD	5	40	BLD	0.02
8 N + 500 W	71-F-786	BLD	5	BLD	5	30	BLD	0.04
8 N + 510 W	71-F-787	BLD	5	BLD	5	10	BLD	0.03
8 N + 520 W	71-F-788	BLD	BLD	BLD	25	25	BLD	0.02
8 N + 530 W	71-F-789	BLD	10	5	10	70	BLD	0.02
8 N + 540 W	71-F-790	BLD	5	BLD	5	15	BLD	0.03
8 N + 550 W	71-F-791	BLD	5	5	5	60	BLD	0.04
8 N + 560 W	71-F-792	BLD	10	BLD	5	25	BLD	0.02
8 N + 570 W	71-F-793	BLD	10	10	5	90	BLD	0.02
8 N + 580 W	71-F-794	BLD	50	15	15	95	BLD	BLD
8 N + 590 W	71-F-795	BLD	220	55	35	140	1	0.02

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1
Sn by G.R.C. No. 5
B.L.D. = Below Limit of Detection

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003563/4 PROJECT No.: EL. 7/68 - DUNDAS RAZORBACK GRID (SOUT

LAB. SHEET No.: 684/2 SAMPLE TYPE: SOIL PROFILE DATE: 15th July, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sn %
8 N + 600 W	71-F-796	BLD	345	70	55	190	1	BLD
8 N + 610 W	71-F-797	BLD	200	65	65	140	1	BLD
8 N + 620 W	71-F-798	2	510	120	65	235	2	BLD
8 N + 630 W	71-F-799	2	95	20	35	85	BLD	BLD
8 N + 640 W	71-F-800	BLD	20	15	10	55	BLD	0.03
8 N + 650 W	71-F-801	BLD	10	5	10	20	BLD	0.03
8 N + 660 W	71-F-802	BLD	25	15	5	60	BLD	0.02
8 N + 670 W	71-F-803	BLD	30	15	10	70	BLD	0.02
8 N + 680 W	71-F-804	BLD	30	20	15	80	BLD	0.02
8 N + 690 W	71-F-805	BLD	80	50	35	135	1	0.06
8 N + 700 W	71-F-806	5	190	110	105	200	1	0.04
8 N + 710 W	71-F-807	20	280	250	390	320	1	BLD
8 N + 720 W	71-F-808	20	215	100	195	260	1	BLD
8 N + 730 W	71-F-809	5	140	30	45	90	1	BLD
8 N + 740 W	71-F-810	BLD	45	15	20	60	BLD	0.03
8 N + 750 W	71-F-811	BLD	15	BLD	35	40	BLD	BLD
8 N + 760 W	71-F-812	10	90	20	35	80	1	BLD
8 N + 770 W	71-F-813	10	135	35	85	150	1	0.02
8 N + 780 W	71-F-814	20	345	45	65	250	2	BLD
8 N + 790 W	71-F-815	15	345	40	75	235	1	0.08
8 N + 800 W	71-F-816	BLD	40	10	25	65	BLD	0.04
8 N + 810 W	71-F-817	BLD	20	10	10	85	BLD	0.08
8 N + 820 W	71-F-818	BLD	10	5	5	60	BLD	0.02
8 N + 830 W	71-F-819	BLD	20	10	10	65	BLD	0.03
8 N + 840 W	71-F-820	BLD	45	10	25	65	BLD	0.03
8 N + 850 W	71-F-821	BLD	40	5	65	40	BLD	BLD
8 N + 860 W	71-F-822	5	170	10	110	100	BLD	0.03
8 N + 870 W	71-F-823	BLD	40	10	95	40	BLD	0.02
8 N + 880 W	71-F-824	10	145	20	195	110	1	0.03
8 N + 890 W	71-F-825	25	260	20	265	200	1	0.04
8 N + 900 W	71-F-826	30	330	50	395	220	1	0.03
8 N + 910 W	71-F-827	15	190	10	140	110	1	0.02
8 N + 920 W	71-F-828	25	70	20	355	115	BLD	0.03
8 N + 930 W	71-F-829	30	525	80	175	1950	2	BLD
8 N + 940 W	71-F-830	30	950	100	250	1175	1	BLD
8 N + 950 W	71-F-831	10	3500	270	205	2000	2	BLD
8 N + 960 W	71-F-832	BLD	1600	170	55	1450	2	0.02
8 N + 970 W	71-F-833	10	4700	400	75	1800	2	BLD
8 N + 980 W	71-F-834	25	3350	220	165	2650	3	0.03
8 N + 990 W	71-F-835	25	2850	210	165	2850	2	BLD
8 N + 1000 W	71-F-836	25	2300	555	315	2150	1	BLD
10N + 300 W	71-F-837	BLD	30	20	15	90	BLD	0.03
10N + 310 W	71-F-838	BLD	15	10	5	95	BLD	0.02
10N + 320 W	71-F-839	BLD	20	10	5	120	BLD	0.03
10N + 330 W	71-F-840	BLD	30	10	10	130	BLD	0.02
10N + 340 W	71-F-841	BLD	30	15	15	130	1	0.02

METHODS:

NATA

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003564/65 PROJECT No.: EL.7/68 - DUNDAS RAZORBACK GRID (SOUTH)

LAB. SHEET No.: 684/3 SAMPLE TYPE: SOIL PROFILE DATE: 15th July, 1971

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sn %
10N + 350 W	71-F-842	BLD	125	40	25	165	BLD	BLD
10N + 360 W	71-F-843	BLD	30	10	5	75	BLD	0.04
10N + 370 W	71-F-844	BLD	25	10	5	100	BLD	0.04
10N + 380 W	71-F-845	5	20	15	15	100	BLD	0.03
10N + 390 W	71-F-846	BLD	60	20	15	135	BLD	0.03
10N + 400 W	71-F-847	BLD	160	30	25	170	1	BLD
10N + 410 W	71-F-848	2	160	30	30	145	1	BLD
10N + 420 W	71-F-849	BLD	70	25	15	130	BLD	0.04
10N + 430 W	71-F-850	BLD	20	5	5	40	BLD	0.03
10N + 440 W	71-F-851	10	175	50	40	150	1	BLD
10N + 450 W	71-F-852	BLD	335	70	40	140	1	BLD
10N + 460 W	71-F-853	5	370	90	55	150	2	BLD
10N + 470 W	71-F-854	10	365	140	70	235	2	BLD
10N + 480 W	71-F-855	5	380	105	55	170	1	0.02
10N + 490 W	71-F-856	2	520	90	45	160	1	BLD
10N + 500 W	71-F-857	5	760	90	50	200	2	BLD
10N + 510 W	71-F-858	10	320	100	65	195	1	BLD
10N + 520 W	71-F-859	5	535	100	45	190	1	BLD
10N + 530 W	71-F-860	10	555	115	75	230	2	BLD
10N + 540 W	71-F-861	10	780	155	70	240	2	BLD
10N + 550 W	71-F-862	BLD	40	10	10	60	BLD	0.04
10N + 560 W	71-F-863	BLD	50	15	15	70	BLD	0.03
10N + 570 W	71-F-864	BLD	15	10	10	70	BLD	0.03
10N + 580 W	71-F-865	BLD	10	10	5	70	BLD	0.06
10N + 590 W	71-F-866	BLD	5	5	5	50	BLD	0.03
10N + 600 W	71-F-867	BLD	10	5	5	60	BLD	0.06
10N + 610 W	71-F-868	BLD	10	BLD	5	40	BLD	0.03
10N + 620 W	71-F-869	BLD	100	35	35	120	1	0.02
10N + 630 W	71-F-870	5	30	15	25	95	BLD	0.04
10N + 640 W	71-F-871	BLD	15	5	5	25	BLD	0.04
10N + 650 W	71-F-872	BLD	15	BLD	5	40	BLD	0.03
10N + 660 W	71-F-873	BLD	20	10	10	70	BLD	0.04
10N + 670 W	71-F-874	BLD	10	5	5	40	BLD	0.06
10N + 680 W	71-F-875	BLD	15	5	5	55	BLD	0.06
10N + 690 W	71-F-876	BLD	15	20	25	90	BLD	BLD
10N + 700 W	71-F-877	10	425	115	50	230	1	BLD
10N + 710 W	71-F-878	5	365	140	60	240	1	BLD
10N + 720 W	71-F-879	10	485	145	75	285	1	BLD
10N + 730 W	71-F-880	BLD	50	15	25	65	BLD	0.09
10N + 740 W	71-F-881	BLD	60	30	15	90	BLD	0.02
10N + 750 W	71-F-882	10	500	140	85	260	1	BLD
10N + 760 W	71-F-883	15	420	125	85	240	2	BLD
10N + 770 W	71-F-884	10	345	125	85	215	1	BLD
10N + 780 W	71-F-885	10	330	150	135	270	2	BLD
10N + 790 W	71-F-886	10	365	190	115	325	2	BLD

METHODS:

NATA

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003565/66 PROJECT No.: EL. 7/68 - DUNDAS RAZORBACK GRID (SOUT

LAB. SHEET No.: 684/4 SAMPLE TYPE: SOIL PROFILE DATE: 15th July, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sn %
10N + 800 W	71-F-887	20	170	55	65	145	BLD	BLD
10N + 810 W	71-F-888	10	540	290	190	395	2	BLD
10N + 820 W	71-F-889	10	660	390	270	425	1	0.02
10N + 830 W	71-F-890	20	730	820	415	575	1	BLD
10N + 840 W	71-F-891	10	950	570	205	685	2	BLD
10N + 850 W	71-F-892	10	685	285	180	605	2	BLD
10N + 860 W	71-F-893	10	415	165	120	380	2	BLD
10N + 870 W	71-F-894	10	500	105	115	330	2	BLD
10N + 880 W	71-F-895	5	570	95	75	280	1	BLD
10N + 890 W	71-F-896	5	505	220	150	400	1	BLD
10N + 900 W	71-F-897	5	1525	450	110	410	2	BLD
10N + 910 W	71-F-898	10	900	150	95	700	2	BLD
10N + 920 W	71-F-899	10	1225	240	205	900	2	BLD
10N + 930 W	71-F-900	10	1300	150	140	1050	2	BLD
10N + 940 W	71-F-901	10	1225	130	135	925	2	BLD
10N + 950 W	71-F-902	10	1050	140	95	950	2	BLD
10N + 960 W	71-F-903	10	655	90	65	575	2	BLD
10N + 970 W	71-F-904	10	1000	120	70	775	2	BLD
10N + 980 W	71-F-905	5	710	100	65	585	2	BLD
10N + 990 W	71-F-906	5	675	70	55	710	2	BLD
10N + 1000W	71-F-907	10	570	85	95	725	2	BLD

METHODS:

NATA

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 003570 PROJECT No.: EL. 7/68 - DUNDAS -AINSLIE EAST STH. CO

LAB. SHEET No.: 696/2 SAMPLE TYPE: GOSSAN DATE: 28th July, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Mo ppm	Cd ppm
T 1	71-F-3496	180	130	190	0.50%	1.05%	4	50	165
T 2	71-F-3497	500	150	700	0.32%	0.66%	14		
T 3	71-F-3498	310	85	540	0.54%	0.78%	28		
T 4	71-F-3499	20	35	50	0.48%	940	4		
T 6	71-F-3500	20	20	30	0.86%	680	3		
T 7	71-F-3501	240	70	305	0.34%	0.86%	24	80	
T 8	71-F-3502	275	125	140	0.40%	0.31%	10		
T 9	71-F-3503	145	40	40	0.29%	1200	4		
T 10	71-F-3504	60	70	50	780	1750	4		
T 11	71-F-3505	1300	255	60	0.33%	0.32%	10		
T 12	71-F-3506	5	105	45	40	110	2		
T 13	71-F-3507	130	55	70	1550	0.42%	4		
T 14	71-F-3508	80	200	85	1650	0.74%	6		
T 15	71-F-3509	860	500	940	0.42%	0.70%	10		
T 16	71-F-3510	180	320	135	0.56%	0.82%	6		
T 17	71-F-3511	120	40	980	680	420	2	75	
T 18	71-F-3512	110	35	190	150	490	2		
T 19	71-F-3513	215	60	150	0.58%	490	4		
T 20	71-F-3514	35	15	30	0.45%	740	4		
T 21	71-F-3515	50	25	60	0.44%	740	4		
T 22	71-F-3516	40	40	60	1.45%	0.30%	7		
T 23	71-F-3517	90	25	45	0.29%	760	6		
T 24	71-F-3518	50	30	40	0.35%	660	14		
T 25	71-F-3519	60	20	30	0.52%	0.27%	8		
T 26	71-F-3520	0.27%	375	620	0.78%	0.48%	8	95	
T 27	71-F-3521	110	50	65	0.29%	0.26%			
T 28	71-F-3522	15	20	35	0.26%	1850	4		
T 29	71-F-3523	80	30	50	0.96%	0.46%	12		
T 30	71-F-3524	5	10	5	400	210	2	45	
T 31	71-F-3525	640	105	50	600	0.42%	4		
T 32	71-F-3526	30	35	40	330	270	5		
T 33	71-F-3527	20	35	30	40	50	2		
T 34	71-F-3528	90	30	35	1850	0.21%	8		
T 35	71-F-3529	110	10	20	1750	1.20%	110		60
T 36	71-F-3530	100	85	40	0.21%	0.37%	4		
T 37	71-F-3531	70	25	50	1.45%	0.86%	10		
T 40	71-F-3532	760	20	40	3.5%	0.78%	55		
T 41	71-F-3533	50	30	40	0.72%	2.7%	18		
T 42	71-F-3534	65	30	50	0.23%	780	6	170	

METHODS:

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Cu, Ni, Co, Pb, Zn, Ag by G.R.C. NO. 1
Mo by G.R.C. NO. 2
Cd by G.R.C. No. 7

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003570 PROJECT No.: EL. 7/68 - DUNDAS -AINSLIE EAST STH. CO

LAB. SHEET No.: 696/3 SAMPLE TYPE: GOSSAN DATE: 28th July, 1971.

SAMPLE No.	LAB. No.	Sb ppm
T 1	71-F-3496	30
T 7	71-F-3501	30
T 17	71-F-3511	BLD
T 26	71-F-3520	780
T 30	71-F-3524	BLD
T 42	71-F-3534	560

METHODS:
Sb by G.R.C. No. 8

B.L.D. = Below Limit of Detection

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Chief Chemist Ray W. Jenkins

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 003573 PROJECT No. EL.7/68 - DUNDAS - LINE 12 N

LAB. SHEET No. 702/1 SAMPLE TYPE: SOIL PROFILE DATE: 6th August, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sn %	Cr ppm
12 N 300 W	71-G-445	10	130	65	75	135	1	BLD	
12 N 310 W	71-G-446	5	100	40	45	135	1	BLD	
12 N 320 W	71-G-447	10	190	70	75	175	1	BLD	
12 N 330 W	71-G-447A	10	180	60	70	70	1	BLD	
12 N 340 W	71-G-448	10	190	70	65	195	1	BLD	
12 N 350 W	71-G-449	BLD	20	5	15	145	BLD	BLD	
12 N 360 W	71-G-450	BLD	25	15	20	125	BLD	.02	
12 N 370 W	71-G-451	BLD	35	15	10	145	BLD	.02	
12 N 380 W	71-G-452	BLD	25	15	15	130	BLD	.04	
12 N 390 W	71-G-453	BLD	15	10	10	150	BLD	.03	
12 N 400 W	71-G-454	BLD	20	20	10	160	BLD	.03	
12 N 410 W	71-G-455	BLD	20	15	10	150	BLD	.04	
12 N 420 W	71-G-456	BLD	15	10	5	150	BLD	.08	
12 N 430 W	71-G-457	BLD	20	10	10	125	BLD	BLD	
12 N 440 W	71-G-458	BLD	15	BLD	5	10	BLD	.03	
12 N 450 W	71-G-459	BLD	10	5	5	75	BLD	.04	
12 N 460 W	71-G-460	BLD	130	30	45	160	1	.03	
12 N 470 W	71-G-461	5	170	35	55	165	1	.03	
12 N 480 W	71-G-462	2	305	35	45	170	BLD	.02	
12 N 490 W	71-G-463	5	225	45	105	170	1	BLD	
12 N 510 W	71-G-464	2	175	55	65	125	1	.03	
12 N 520 W	71-G-465	2	140	50	60	145	1	BLD	
12 N 530 W	71-G-466	2	220	70	65	150	1	BLD	
12 N 540 W	71-G-467	2	180	60	65	125	1	BLD	
12 N 550 W	71-G-468	2	210	65	60	125	1	BLD	
12 N 560 W	71-G-469	5	190	60	60	160	1	BLD	
12 N 570 W	71-G-470	2	190	60	70	130	1	BLD	
12 N 580 W	71-G-471	10	210	60	55	160	1	BLD	
12 N 590 W	71-G-472	5	270	65	65	160	1	BLD	
12 N 600 W	71-G-473	10	260	70	70	175	1	BLD	
12 N 610 W	71-G-474	10	200	50	70	185	1	BLD	
12 N 620 W	71-G-475	5	400	110	80	215	1	BLD	
12 N 630 W	71-G-476	5	195	60	60	155	1	BLD	
12 N 640 W	71-G-477	5	395	95	85	200	1	BLD	
12 N 650 W	71-G-478	10	390	95	85	195	2	BLD	
12 N 660 W	71-G-478 A	5	400	100	75	210	1	BLD	
12 N 670 W	71-G-479	5	145	40	55	180	1	BLD	2200
12 N 680 W	71-G-480	5	225	90	65	160	2	BLD	3800
12 N 690 W	71-G-481	BLD	220	70	55	120	1	BLD	3250
12 N 700 W	71-G-482	5	165	50	60	125	1	BLD	2600
12 N 710 W	71-G-483	5	200	60	65	120	2	BLD	2500
12 N 720 W	71-G-484	5	270	100	80	210	2	BLD	3700
12 N 730 W	71-G-485	5	235	90	75	180	2	BLD	3700
12 N 740 W	71-G-486	5	245	80	80	210	1	BLD	4800
12 N 750 W	71-G-487	5	210	90	85	185	2	BLD	4400
12 N 760 W	71-G-488	5	235	100	80	195	2	BLD	3300

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1
Sn by G.R.C. No. 5
Cr by G.R.C. No. 6
B.L.D. = Below Limit of Detection

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003573 PROJECT No.: EL.7/68 - DUNDAS - LINE 12 N

LAB. SHEET No.: 702/2 SAMPLE TYPE: SOIL PROFILE DATE: 6th August, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sn %	Cr ppm
12 N 770 W	71-G-489	5	360	120	85	225	1	BLD	4550
12 N 780 W	71-G-490	5	330	140	90	250	1	BLD	5200
12 N 790 W	71-G-491	2	1225	410	75	180	1	BLD	3600
12 N 800 W	71-G-492	BLD	3300	250	70	39	1	BLD	1650
12 N 810 W	71-G-493	BLD	1575	360	55	220	1	0.02	2800
12 N 820 W	71-G-494	5	430	120	85	230	2	BLD	4100
12 N 830 W	71-G-495	5	270	125	85	230	2	BLD	3600
12 N 840 W	71-G-496	5	365	95	70	170	1	BLD	3500
12 N 850 W	71-G-497	5	300	125	90	225	2	BLD	3300
12 N 860 W	71-G-498	5	420	100	75	170	2	BLD	3500
12 N 870 W	71-G-499	10	735	40	90	240	2	BLD	3900
12 N 880 W	71-G-500	5	485	120	75	190	1	BLD	3600
12 N 890 W	71-G-501	10	735	140	85	245	2	BLD	4000
12 N 900 W	71-G-502	10	645	120	80	190	1	BLD	2200
12 N 910 W	71-G-503	5	370	160	65	210	1	BLD	2400
12 N 920 W	71-G-504	5	900	220	90	345	2	BLD	3400
12 N 930 W	71-G-505	BLD	550	105	55	230	1	BLD	5000
12 N 940 W	71-G-506	BLD	590	90	45	220	1	BLD	4400
12 N 950 W	71-G-507	BLD	160	20	20	50	BLD	BLD	250
12 N 960 W	71-G-508	BLD	255	130	85	130	BLD	BLD	400
12 N 970 W	71-G-509	BLD	425	100	55	175	1	BLD	650
12 N 980 W	71-G-510	2	610	115	65	290	1	BLD	850
12 N 990 W	71-G-511	2	760	150	75	330	1	BLD	900
12 N 1000W	71-G-512	2	795	180	90	420	1	BLD	900
12 N 1030W	71-G-513	5	715	195	105	375	1	BLD	925
12 N 1040W	71-G-514	2	435	450	175	375	1	BLD	750
12 N 1050W	71-G-515	5	800	155	90	390	1	BLD	1350
12 N 1100W	71-G-516	5	650	230	95	300	1	BLD	750
12 N 1110W	71-G-517	10	825	70	75	350	1	BLD	1000

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 003580 PROJECT No. EL. 7/68 - DUNDAS - GRAVEL PIT GRID

LAB. SHEET No. 702/3 SAMPLE TYPE: SOIL PROFILE DATE: 6th August, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sn %	Cr ppm
00 + 250 E	71-G-518	50	1025	60	140	400	1	BLD	500
00 + 260 E	71-G-519	55	825	45	165	430	BLD	BLD	450
00 + 270 E	71-G-520	55	1200	40	460	470	1	BLD	450
00 + 280 E	71-G-521	55	1075	45	130	515	1	BLD	475
00 + 290 E	71-G-522	60	825	40	160	400	1	BLD	475
00 + 300 E	71-G-523	20	340	20	70	240	BLD	0.03	550
00 + 310 E	71-G-524	65	975	60	380	465	1	BLD	550
00 + 320 E	71-G-525	75	900	50	285	440	1	0.02	550
00 + 330 E	71-G-526	25	280	30	70	215	BLD	0.03	700
00 + 340 E	71-G-527	50	800	45	105	370	1	BLD	900
00 + 350 E	71-G-528	55	730	45	190	395	1	BLD	600
00 + 360 E	71-G-529	35	525	30	110	290	BLD	0.02	550
00 + 370 E	71-G-530	30	440	25	125	205	BLD	0.02	550
00 + 380 E	71-G-531	50	740	40	105	360	BLD	0.02	650
00 + 390 E	71-G-532	30	230	25	120	210	BLD	BLD	500
00 + 400 E	71-G-533	55	875	50	615	390	1	BLD	550
00 + 410 E	71-G-534	40	680	45	155	330	BLD	BLD	500
00 + 420 E	71-G-535	70	1150	60	155	525	1	BLD	700
00 + 430 E	71-G-536	90	1500	90	210	745	1	BLD	750
00 + 440 E	71-G-537	80	1700	90	160	680	1	BLD	800
00 + 450 E	71-G-538	60	825	50	200	345	1	0.02	675
00 + 460 E	71-G-539	25	320	30	60	205	BLD	0.02	600
00 + 470 E	71-G-540	70	825	65	120	350	1	BLD	1000
00 + 480 E	71-G-541	50	620	50	110	310	1	BLD	1150
00 + 490 E	71-G-542	40	975	100	135	455	1	BLD	1800
00 + 500 E	71-G-543	40	1750	290	295	465	1	BLD	1200
2N + 250 E	71-G-544	35	1000	75	195	410	2	BLD	900
2N + 260 E	71-G-545	25	675	60	95	355	1	BLD	750
2N + 270 E	71-G-546	35	620	50	95	285	1	BLD	700
2N + 280 E	71-G-547	60	1650	80	115	620	1	BLD	165
2N + 290 E	71-G-548	45	975	60	95	475	1	0.02	1100
2N + 300 E	71-G-549	35	785	75	100	295	1	BLD	800
2N + 310 E	71-G-550	45	690	50	85	270	1	BLD	1200
2N + 320 E	71-G-551	BLD	10	5	15	80	BLD	0.03	
2N + 330 E	71-G-552	50	950	110	480	505	2	BLD	
2N + 340 E	71-G-553	65	975	195	705	500	3	BLD	
2N + 350 E	71-G-554	70	975	190	350	500	3	BLD	
2N + 360 E	71-G-555	45	875	85	165	410	2	BLD	
2N + 370 E	71-G-556	50	900	90	230	455	2	BLD	
2N + 380 E	71-G-557	70	1200	110	490	560	2	BLD	
2N + 390 E	71-G-558	60	825	150	350	430	3	0.02	
2N + 400 E	71-G-559	70	1325	110	280	605	2	BLD	
2N + 410 E	71-G-560	50	975	90	160	425	2	BLD	
2N + 420 E	71-G-561	60	1075	90	145	450	2	BLD	
2N + 430 E	71-G-562	20	410	45	90	140	1	BLD	
2N + 440 E	71-G-563	80	525	50	135	255	1	BLD	

METHODS:

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003580/81 PROJECT No.: EL.7/68 - DUNDAS - GRAVEL PIT GRID

LAB. SHEET No.: 702/4 SAMPLE TYPE: SOIL PROFILE DATE: 6th August, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sn %	Cr ppm
2N + 450 E	71-G-564	55	710	65	160	340	1	BLD	
2N + 460 E	71-G-565	45	425	60	185	220	1	BLD	
2N + 470 E	71-G-566	70	825	50	90	350	1	BLD	
2N + 480 E	71-G-567	25	525	60	120	290	2	BLD	
2N + 490 E	71-G-568	30	925	120	140	480	2	BLD	
2N + 500 E	71-G-569	30	500	95	155	370	1	BLD	
4N + 300 E	71-G-570	50	1150	70	235	515	2	BLD	
4N + 310 E	71-G-571	70	1000	60	160	395	2	BLD	
4N + 320 E	71-G-572	120	1125	290	5800	255	2	BLD	
4N + 330 E	71-G-573	130	1875	80	590	430	2	BLD	
4N + 340 E	71-G-574	140	1125	60	255	330	1	BLD	
4N + 350 E	71-G-575	80	1000	70	100	405	1	BLD	
4N + 360 E	71-G-576	70	1050	85	525	765	2	BLD	
4N + 370 E	71-G-577	75	1125	60	140	365	2	BLD	
4N + 380 E	71-G-578	65	1025	75	505	605	3	BLD	
4N + 390 E	71-G-579	40	800	60	130	365	2	BLD	
4N + 400 E	71-G-580	45	1000	70	300	440	2	BLD	
4N + 410 E	71-G-581	65	740	65	170	420	2	BLD	
4N + 420 E	71-G-582	75	720	80	265	425	2	BLD	
4N + 430 E	71-G-583	85	800	80	155	505	2	BLD	
4N + 440 E	71-G-584	70	750	80	265	430	2	BLD	
4N + 450 E	71-G-585	50	740	70	190	350	2	BLD	
6N + 150 E	71-G-586	10	2600	90	125	1210	1	BLD	
6N + 160 E	71-G-587	10	3250	140	315	1340	2	BLD	
6N + 170 E	71-G-588	15	3200	450	505	1390	2	BLD	
6N + 180 E	71-G-589	10	1725	180	535	810	2	BLD	
6N + 190 E	71-G-590	30	3000	595	3550	2500	2	BLD	
6N + 200 E	71-G-591	15	690	110	475	900	1	BLD	
6N + 210 E	71-G-592	15	2250	150	610	1030	2	BLD	
6N + 220 E	71-G-593	10	1950	115	375	950	2	BLD	
6N + 230 E	71-G-594	30	1700	90	450	1020	2	BLD	
6N + 240 E	71-G-595	15	2925	110	235	1420	2	0.02	
6N + 250 E	71-G-596	10	2300	100	130	1060	1	BLD	
6N + 260 E	71-G-597	10	2300	95	160	930	2	BLD	
6N + 270 E	71-G-598	10	2150	75	100	860	1	BLD	
6N + 280 E	71-G-599	20	1250	140	370	730	1	BLD	
6N + 290 E	71-G-600	25	3625	280	170	890	2	BLD	
6N + 300 E	71-G-601	25	1475	110	290	840	1	BLD	
8N + 100 E	71-G-602	10	1725	110	190	930	2	BLD	
8N + 110 E	71-G-603	10	1050	80	135	860	2	BLD	
8N + 120 E	71-G-604	10	1800	100	180	960	2	0.02	
8N + 130 E	71-G-605	20	1425	95	250	740	2	BLD	
8N + 140 E	71-G-606	10	1800	110	280	1070	2	0.02	
8N + 150 E	71-G-607	10	1500	105	165	780	2	BLD	
8N + 160 E	71-G-608	10	550	60	65	580	1	BLD	
8N + 170 E	71-G-609	10	1400	90	110	640	2	BLD	

METHODS:

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003581/82 PROJECT No.: EL.7/68 - DUNDAS - GRAVEL PIT GRID

LAB. SHEET No.: 702/5 SAMPLE TYPE: SOIL PROFILE DATE: 6th August, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sn %
8N + 180 E	71-G-610	10	1300	100	90	550	2	BLD
8N + 190 E	71-G-611	15	2000	140	335	790	2	BLD
8N + 200 E	71-G-612	10	2050	135	210	930	2	BLD
8N + 210 E	71-G-613	15	2375	470	450	820	2	BLD
8N + 220 E	71-G-614	10	1875	130	210	730	3	BLD
8N + 230 E	71-G-615	15	1650	180	160	800	2	BLD
8N + 240 E	71-G-616	10	1425	260	80	400	1	BLD
8N + 250 E	71-G-617	10	950	85	70	565	2	BLD

METHODS:

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Chief Chemist Ray W. Yeadon

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003587 PROJECT No.: EL. 7/68 - DUNDAS - RED LEAD GRID

LAB. SHEET No.: 718/1 SAMPLE TYPE: ROCK DATE: 19th August, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
T 50	71-H-344	400	230	90	1.20%	1.20%	4
T 51	71-H-345	95	55	30	3000	1.70%	7
T 53	71-H-346	200	150	150	6500	6600	22
T 54	71-H-347	70	80	145	9800	6600	8
T 55	71-H-348	95	65	50	7400	1.20%	6
T 56	71-H-349	50	1750	70	290	900	3
T 57	71-H-350	10	2050	115	430	2000	2
T 58	71-H-351	30	1500	1500	4.20%	1.20%	20
T 59	71-H-352	450	1100	250	6.20%	9200	4
T 60	71-H-353	2900	2100	1550	5.80%	1.10%	3
T 61	71-H-354	130	790	170	5800	1950	1
T 62	71-H-355	1550	3950	6300	2.10%	2400	2

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003588 PROJECT No.: EL.7/68 - DUNDAS - DDH KHW 3

LAB. SHEET No.: 718/2 SAMPLE TYPE: CORE & SLUDGE DATE: 19th August, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
430' - 432'	71-H-356	110	1600	800	520	6
439' - 441'	71-H-357	50	620	740	540	6
706' - 707'	71-H-358	170	100	0.62%	320	8
815'3"-817'	71-H-359	260	90	1.0%	0.25%	20
945'3"-946'	71-H-360	100	65	1.70%	0.37%	26
490' - 520'	71-H-361	95	400	0.20%	470	4

METHODS:

Cu, Ni, Pb, Zn, Ag by G.R.C. No. 101

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003589 PROJECT No.: EL. 7/68 - DUNDAS - RED LEAD GRID

LAB. SHEET No.: 718/3 SAMPLE TYPE: ROCK DATE: 19th August, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
T 64	71-H-362	15	1700	800	1250	1150	1
T 65	71-H-363	5	290	100	335	290	1
T 66	71-H-364	50	695	40	7200	1450	2
T 67	71-H-365	140	1200	80	2500	6600	2
T 68	71-H-366	920	2400	2000	5.20%	1.20%	5

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003590 PROJECT No.: EL.7/68 - DUNDAS - CARBINE

LAB. SHEET No.: 718/4 SAMPLE TYPE: ROCK DATE: 19th August, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
CE 60E	71-H-367	50	120	110	1.20%	7400	5
CB 72E	71-H-368	2250	220	60	8000	19.20%	260
CF 44W	71-H-369	690	670	250	5700	2.30%	15
CJ 48W	71-H-370	60	1250	60	1100	4000	4
CA 48E	71-H-371	520	240	150	140	900	3
CC 52E	71-H-372	30	80	60	80	270	3
CB 30W	71-H-373	350	630	130	8000	2.90%	7
CR 52W	71-H-374	30	950	310	505	950	2
CD 48E	71-H-375	20	35	35	5300	1900	3
CB 52W	71-H-376	30	1100	360	190	480	2
CB 60E	71-H-377	770	50	40	1.50%	3000	50
CF 60E	71-H-378	35	30	20	390	350	1
CC 60E	71-H-379	3700	60	25	1.00%	5500	180
CD 52E	71-H-380	55	45	50	330	210	5
CA 52E	71-H-381	265	180	60	80	2000	3
CC 64E	71-H-382	90	950	120	2800	5700	6
CG 60E	71-H-383	180	235	130	350	2400	19
CA 60E	71-H-384	310	30	30	7500	2700	38
CC 48E	71-H-385	15	30	40	1500	620	5
C2	71-H-386	1650	300	180	5000	1950	8
CH 60E	71-H-387	800	280	110	6000	2200	7
CI 60E	71-H-388	120	900	180	565	3200	4
CE 52E	71-H-389	20	45	50	35	170	2
CD 44W	71-H-390	110	1950	100	1300	1.00%	4
CG 44W	71-H-391	70	180	50	2800	2700	5
CN 52W	71-H-392	55	1350	130	220	1200	1
CB 56E	71-H-393	620	330	170	2300	1500	13
CD 60E	71-H-394	20	195	45	2900	4900	3
CA 36W	71-H-395	350	65	75	4000	1200	3
CH 52W	71-H-396	40	380	30	5800	1.10%	8
CF 48W	71-H-397	100	900	80	3100	4700	4
CC 40W	71-H-398	420	7800	3100	2100	4700	4
CH 48W	71-H-399	230	720	185	2100	5400	6
CM 52W	71-H-400	25	265	90	455	650	1
C1	71-H-401	20	1100	90	245	2700	2
CC 52W	71-H-402	25	695	60	35	210	2
CB 40W	71-H-403	50	255	50	70	240	3
CL 52W	71-H-404	5	620	35	25	135	BLD
CQ 52W	71-H-405	20	950	60	35	110	2
CJ 52N	71-H-406	310	1500	100	505	1150	3
CB 64N	71-H-407	15	160	45	2600	3800	3
CE 48E	71-H-408	65	30	10	270	2400	1
CP 52W	71-H-409	30	1200	80	50	370	3

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003592 PROJECT No.: EL.7/68 - DUNDAS - AINSLIE

LAB. SHEET No.: 776/1 SAMPLE TYPE: SOIL PROFILE DATE: 23rd September, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
16S+1350E	71-H-3019	40	10	480	110	1
16S+1360E	71-H-3020	30	10	295	80	1
16S+1370E	71-H-3021	20	10	180	50	BLD
16S+1380E	71-H-3022	25	15	710	80	1
16S+1390E	71-H-3023	20	10	750	100	1
16S+1400E	71-H-3024	25	20	1400	330	2
16S+1410E	71-H-3025	30	10	505	140	1
16S+1420E	71-H-3026	30	10	1100	210	2
16S+1430E	71-H-3027	40	20	3150	490	4
16S+1440E	71-H-3028	20	15	1500	315	2
16S+1450E	71-H-3029	35	20	3150	370	6
16S+1460E	71-H-3030	80	40	5150	960	10
16S+1470E	71-H-3031	50	20	2300	530	3
16S+1480E	71-H-3032	60	30	5450	880	4
16S+1490E	71-H-3033	75	25	6400	690	3
16S+1500E	71-H-3034	30	10	950	240	1
16S+1510E	71-H-3035	45	20	3000	680	3
16S+1520E	71-H-3036	15	10	500	110	1
16S+1530E	71-H-3037	50	40	2150	1220	2
16S+1540E	71-H-3038	50	20	3800	490	2
16S+1550E	71-H-3039	50	15	7900	700	3
16S+1560E	71-H-3040	50	20	5450	1220	10
16S+1570E	71-H-3041	60	20	8100	1380	10
16S+1580E	71-H-3042	40	10	1700	640	3
16S+1590E	71-H-3043	70	20	1650	1000	2
16S+1600E	71-H-3044	15	10	705	170	3
16S+1610E	71-H-3045	20	10	610	180	3
16S+1620E	71-H-3046	10	5	800	80	3
16S+1630E	71-H-3047	2	5	350	35	2
16S+1640E	71-H-3048	BLD	BLD	130	20	2
16S+1650E	71-H-3049	BLD	BLD	10	5	BLD
16S+1660E	71-H-3050	BLD	BLD	10	10	1
16S+1670E	71-H-3051	BLD	BLD	70	45	2
16S+1680E	71-H-3052	BLD	BLD	20	5	BLD
16S+1690E	71-H-3053	BLD	BLD	30	15	BLD
16S+1700E	71-H-3054	BLD	5	30	20	1
16S+1710E	71-H-3055	BLD	BLD	15	10	BLD
16S+1720E	71-H-3056	5	5	310	70	BLD
16S+1730E	71-H-3057	BLD	BLD	10	70	BLD
16S+1740E	71-H-3058	BLD	BLD	15	5	BLD
16S+1750E	71-H-3059	10	10	110	30	1
16S+1760E	71-H-3060	BLD	5	10	5	BLD
16S+1770E	71-H-3061	BLD	5	40	15	1
16S+1780E	71-H-3062	5	BLD	40	20	BLD
16S+1790E	71-H-3063	5	BLD	70	25	1
16S+1800E	71-H-3064	BLD	5	25	5	1

METHODS:
Cu, Ni, Pb, Zn, Ag by G.R.C. No. 1
B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003592/93 PROJECT No.: EL.7/68 - DUNDAS - AINSLIE

LAB. SHEET No.: 776/2 SAMPLE TYPE: SOIL PROFILE DATE: 23rd September, 1971

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
16S+181OE	71-H-3065	10	BLD	60	20	1
16S+182OE	71-H-3066	5	BLD	50	40	BLD
16S+183OE	71-H-3067	10	5	140	70	1
16S+184OE	71-H-3068	55	10	1250	375	3
16S+185OE	71-H-3069	70	15	1300	600	6
16S+186OE	71-H-3070	40	10	640	265	3
16S+187OE	71-H-3071	25	BLD	255	255	2
16S+188OE	71-H-3072	130	90	2400	3500	8
16S+189OE	71-H-3073	45	30	505	420	2
16S+190OE	71-H-3074	40	10	595	225	3
16S+191OE	71-H-3075	10	BLD	100	35	2
16S+192OE	71-H-3076	45	10	140	75	1
16S+193OE	71-H-3077	40	5	100	60	1
16S+194OE	71-H-3078	10	BLD	60	50	1
16S+195OE	71-H-3079	40	10	475	150	2
16S+196OE	71-H-3080	40	10	690	450	3
16S+197OE	71-H-3081	170	50	1700	1250	4
16S+198OE	71-H-3082	45	10	320	170	2
16S+199OE	71-H-3083	60	5	310	190	2
16S+200OE	71-H-3084	120	45	1250	675	3
24S+55OE	71-H-3085	BLD	BLD	15	10	BLD
24S+56OE	71-H-3086	2	BLD	50	35	BLD
24S+57OE	71-H-3087	BLD	10	BLD	20	BLD
24S+58OE	71-H-3088	BLD	BLD	10	5	1
24S+59OE	71-H-3089	BLD	BLD	10	10	BLD
24S+60OE	71-H-3090	5	5	10	15	BLD
24S+61OE	71-H-3091	10	BLD	90	50	1
24S+62OE	71-H-3092	BLD	BLD	15	10	BLD
24S+63OE	71-H-3093	BLD	BLD	10	BLD	BLD
24S+64OE	71-H-3094	BLD	BLD	20	5	BLD
24S+65OE	71-H-3095	BLD	BLD	10	5	BLD
24S+66OE	71-H-3096	BLD	BLD	20	10	BLD
24S+67OE	71-H-3097	5	BLD	15	10	BLD
24S+68OE	71-H-3098	BLD	BLD	10	5	BLD
24S+69OE	71-H-3099	BLD	BLD	25	10	BLD
24S+70OE	71-H-3100	BLD	BLD	105	25	BLD
24S+71OE	71-H-3101	BLD	5	20	BLD	BLD
24S+72OE	71-H-3102	BLD	BLD	35	5	BLD
24S+73OE	71-H-3103	BLD	BLD	35	BLD	BLD
24S+74OE	71-H-3104	BLD	BLD	40	2	BLD
24S+75OE	71-H-3105	BLD	BLD	20	2	BLD
24S+76OE	71-H-3106	BLD	BLD	20	5	BLD
24S+77OE	71-H-3107	BLD	BLD	10	10	BLD
24S+78OE	71-H-3108	BLD	BLD	15	10	BLD
24S+79OE	71-H-3109	BLD	BLD	20	10	BLD
24S+80OE	71-H-3110	BLD	BLD	35	20	BLD

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003593 PROJECT No.: EL.7/68 - DUNDAS - AINSLIE

LAB. SHEET No.: 776/3 SAMPLE TYPE: SOIL PROFILE DATE: 23rd September, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
24S+810E	71-H-3111	BLD	BLD	40	20	BLD
24S+820E	71-H-3112	BLD	BLD	20	5	BLD
24S+830E	71-H-3113	BLD	BLD	20	5	BLD
24S+840E	71-H-3114	BLD	BLD	30	10	BLD
24S+850E	71-H-3115	BLD	BLD	20	10	BLD
24S+860E	71-H-3116	BLD	BLD	15	10	BLD
24S+870E	71-H-3117	BLD	BLD	30	10	BLD
24S+880E	71-H-3118	BLD	BLD	50	10	BLD
24S+890E	71-H-3119	BLD	BLD	50	5	BLD
24S+900E	71-H-3120	BLD	BLD	50	10	BLD
24S+910E	71-H-3121	BLD	BLD	40	5	BLD
24S+920E	71-H-3122	BLD	BLD	30	5	BLD
24S+930E	71-H-3123	BLD	BLD	50	10	BLD
24S+940E	71-H-3124	BLD	BLD	80	5	BLD
24S+950E	71-H-3125	BLD	BLD	60	10	1
24S+960E	71-H-3126	BLD	BLD	35	10	BLD
24S+970E	71-H-3127	BLD	BLD	20	20	BLD
24S+980E	71-H-3128	BLD	BLD	30	10	BLD
24S+990E	71-H-3129	BLD	BLD	45	10	BLD
24S+1000E	71-H-3130	BLD	BLD	25	10	BLD
24S+1010E	71-H-3131	BLD	BLD	10	BLD	BLD
24S+1020E	71-H-3132	BLD	BLD	40	5	BLD
24S+1030E	71-H-3133	BLD	BLD	80	5	BLD
24S+1040E	71-H-3134	BLD	BLD	35	10	BLD
24S+1050E	71-H-3135	BLD	BLD	20	5	BLD
24S+1060E	71-H-3136	BLD	BLD	40	10	BLD
24S+1070E	71-H-3137	BLD	BLD	15	5	BLD
24S+1080E	71-H-3138	BLD	BLD	240	10	1
24S+1090E	71-H-3139	BLD	BLD	50	10	BLD
24S+1100E	71-H-3140	BLD	BLD	15	BLD	BLD
24S+1110E	71-H-3141	BLD	BLD	450	10	1
24S+1120E	71-H-3142	10	5	80	20	BLD
24S+1130E	71-H-3143	BLD	BLD	30	10	BLD
24S+1140E	71-H-3144	BLD	BLD	15	5	BLD
24S+1150E	71-H-3145	BLD	BLD	25	10	BLD
24S+1160E	71-H-3146	BLD	BLD	20	BLD	BLD
24S+1170E	71-H-3147	BLD	BLD	30	BLD	BLD
24S+1180E	71-H-3148	BLD	BLD	20	BLD	BLD
24S+1190E	71-H-3149	BLD	5	20	5	BLD
24S+1200E	71-H-3150	BLD	BLD	25	5	BLD
24S+1210E	71-H-3151	BLD	BLD	20	5	BLD
24S+1220E	71-H-3152	BLD	BLD	20	5	BLD
24S+1230E	71-H-3153	5	5	50	20	BLD
24S+1240E	71-H-3154	BLD	BLD	20	5	BLD
24S+1250E	71-H-3155	BLD	BLD	30	5	BLD
24S+1260E	71-H-3156	BLD	BLD	30	5	BLD

METHODS:

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Chief Chemist Ray W. Yerbury

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: C03594/5 PROJECT No.: EL. 7/68 - DUNDAS - AINSLIE

LAB. SHEET No.: 776/4 SAMPLE TYPE: SOIL PROFILE DATE: 23rd September, 1971

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
24S+1270E	71-H-3157	BLD	BLD	30	10	BLD
24S+1280E	71-H-3158	BLD	BLD	20	2	BLD
24S+1290E	71-H-3159	BLD	BLD	20	2	BLD
24S+1300E	71-H-3160	BLD	BLD	30	5	BLD
24S+1310E	71-H-3161	BLD	BLD	10	BLD	BLD
24S+1320E	71-H-3162	BLD	BLD	30	BLD	BLD
24S+1330E	71-H-3163	BLD	5	30	5	BLD
24S+1340E	71-H-3164	BLD	BLD	30	10	BLD
24S+1350E	71-H-3165	BLD	BLD	15	BLD	BLD
24S+1360E	71-H-3166	BLD	BLD	20	BLD	BLD
24S+1370E	71-H-3167	BLD	BLD	10	BLD	BLD
24S+1380E	71-H-3168	BLD	BLD	35	10	BLD
24S+1390E	71-H-3169	BLD	BLD	15	10	BLD
24S+1400E	71-H-3170	BLD	BLD	10	5	BLD
24S+1410E	71-H-3171	BLD	BLD	20	10	BLD
24S+1420E	71-H-3172	BLD	BLD	20	10	BLD
24S+1430E	71-H-3173	BLD	BLD	20	10	BLD
24S+1440E	71-H-3174	BLD	BLD	20	10	BLD
24S+1450E	71-H-3175	BLD	BLD	20	10	BLD
24S+1460E	71-H-3176	BLD	BLD	25	10	BLD
24S+1470E	71-H-3177	BLD	BLD	40	10	BLD
24S+1480E	71-H-3178	BLD	5	30	10	BLD
24S+1490E	71-H-3179	BLD	5	40	15	BLD
24S+1500E	71-H-3180	BLD	5	35	10	BLD
2S+1250E	71-H-3255	10	5	75	60	BLD
2S+1260E	71-H-3256	5	10	40	25	BLD
2S+1270E	71-H-3257	BLD	10	20	10	BLD
2S+1280E	71-H-3258	BLD	BLD	5	10	BLD
2S+1290E	71-H-3259	BLD	BLD	10	5	BLD
2S+1300E	71-H-3260	BLD	BLD	15	10	BLD
2S+1310E	71-H-3261	BLD	5	10	2	BLD
2S+1320E	71-H-3262	BLD	BLD	10	2	BLD
2S+1330E	71-H-3263	BLD	BLD	10	10	BLD
2S+1340E	71-H-3264	BLD	5	20	5	BLD
2S+1350E	71-H-3265	BLD	BLD	20	BLD	BLD
2S+1360E	71-H-3266	BLD	BLD	20	5	BLD
2S+1370E	71-H-3267	BLD	5	10	10	BLD
2S+1380E	71-H-3268	BLD	5	5	10	BLD
2S+1390E	71-H-3269	BLD	5	20	10	BLD
2S+1400E	71-H-3270	BLD	BLD	15	5	BLD
2S+1410E	71-H-3271	BLD	5	25	10	BLD
2S+1420E	71-H-3272	BLD	BLD	20	5	BLD
2S+1430E	71-H-3273	BLD	BLD	15	10	BLD
2S+1440E	71-H-3274	BLD	BLD	20	5	BLD
2S+1450E	71-H-3275	BLD	BLD	15	2	BLD
2S+1460E	71-H-3276	BLD	BLD	15	2	BLD

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003599 PROJECT No.: EL. 7/68 - DUNDAS - AINSLIE

LAB. SHEET No.: 776/5 SAMPLE TYPE: SOIL PROFILE DATE: 23rd September, 1971

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
2S+1470E	71-H-3277	BLD	5	50	10	BLD
2S+1480E	71-H-3278	20	10	370	85	1
2S+1490E	71-H-3279	25	10	280	80	BLD
2S+1500E	71-H-3280	20	10	145	50	BLD
2S+1510E	71-H-3281	15	5	160	35	BLD
2S+1520E	71-H-3282	10	10	80	30	BLD
2S+1530E	71-H-3283	BLD	10	35	20	BLD
2S+1540E	71-H-3284	BLD	5	40	10	BLD
2S+1550E	71-H-3285	5	10	40	45	BLD
2S+1560E	71-H-3286	5	5	25	15	BLD
2S+1570E	71-H-3287	BLD	5	10	BLD	BLD
2S+1580E	71-H-3288	BLD	5	25	10	BLD
2S+1590E	71-H-3289	BLD	5	20	5	BLD
2S+1600E	71-H-3290	BLD	5	20	10	BLD

METHODS:

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 006882 PROJECT No.: EL7/68 Dundas Razorback Grid..

LAB. SHEET No.: 791/ 1 SAMPLE TYPE: Soil Profile DATE: 1/10/71.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
12N-1150 W	71-H-4531	10	720	100	470	2
1160	2	15	745	190	505	3
1170	3	35	145	120	255	1
1180	4	20	135	100	110	1
1190	5	10	50	40	60	BLD
1200	6	10	30	50	45	BLD
1210	7	BLD	35	10	30	BLD
1220	8	BLD	5	25	10	BLD
1230	9	5	10	65	25	BLD
1240	40	BLD	5	140	30	BLD
1250	1	5	10	30	20	BLD
1260	2	5	10	55	30	BLD
1270	3	30	60	60	160	BLD
1280	4	BLD	100	35	95	BLD
1290	5	20	610	150	595	3
1300	6	30	1000	400	545	2
1310	7	15	650	110	555	3
1320	8	20	610	130	515	2
1330	9	20	790	185	520	2
1340	4550	20	570	80	465	2
1350	1	30	660	125	600	2
1360	2	40	620	170	650	2
1370	3	30	355	185	425	1
1380	4	30	390	270	350	2
1390	5	15	80	140	140	1
1400	6	10	35	45	80	BLD
1410	7	20	50	150	65	1
1420	8	10	50	60	30	1
1430	9	5	30	30	50	BLD
1440	4560	20	50	110	65	1
1450	1	20	50	85	100	BLD
1460	2	10	20	20	45	BLD
1470	3	15	260	125	120	1
1480	4	35	620	60	60	1
1490	5	20	4150	30	670	1
1500	6	5	50	65	50	BLD
1510	7	20	40	160	65	1
1520	8	20	35	1050	85	3
1530	9	35	20	660	140	3
1540	4570	55	15	3000	145	12
1550	1	535	45	3.85%	3550	90
1560	2	520	55	3.20%	4350	75
12N - 1570W	3	75	50	3900	950	10

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 006883 PROJECT No.: EL7/68 Dundas Razorback Grid

LAB. SHEET No.: 791/2 SAMPLE TYPE: Soil Profile DATE: 1/10/71.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
6N - 560W	71-H-4574	BLD	330	120	190	2
570	5	10	170	140	190	1
580	6	10	160	110	230	1
590	7	5	500	75	240	2
600	8	2	210	40	210	1
610	9	BLD	20	10	50	BLD
620	4580	BLD	15	5	95	BLD
630	1	BLD	10	20	45	BLD
640	2	5	10	45	40	BLD
650	3	BLD	5	20	30	BLD
660	4	BLD	5	90	10	BLD
670	5	10	BLD	80	10	BLD
680	6	5	BLD	115	10	BLD
690	7	2	5	70	30	BLD
700	8	30	5	30	20	BLD
710	9	BLD	5	25	40	BLD
720	4590	10	5	90	40	BLD
730	1	5	5	25	40	BLD
740	2	BLD	BLD	10	10	BLD
750	3	BLD	BLD	25	20	BLD
760	4	BLD	BLD	15	10	BLD
770	5	10	10	70	50	BLD
780	6	5	20	35	150	BLD
790	7	20	30	110	215	1
800	8	10	70	60	310	BLD
810	9	5	20	65	25	BLD
820	4600	55	190	160	240	1
830	1	35	1650	180	1675	1
840	2	50	1025	310	1050	1
850	3	110	740	290	425	2
860	4	20	150	75	130	1
870	5	65	475	160	310	2
880	6	50	210	125	210	1
890	7	40	120	100	160	1
900	8	50	215	130	240	1
910	9	65	435	130	280	1
920	10	50	660	175	340	1
930	11	25	100	70	140	BLD
940	12	70	400	240	280	2
950	13	25	25	70	30	1
960	14	10	20	45	20	1
970	15	5	20	35	15	1
980	16	BLD	15	30	10	1
990	17	10	15	45	20	1
6N - 1000W	18	BLD	10	20	10	1

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METHODS:
Cu Ni Pb Zn Ag by GRC1.
BLD- below limit of detection.

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 006884 PROJECT No. EL7/68 Dundas Razorback Grid

LAB. SHEET No. 791/3 SAMPLE TYPE: Soil Profile DATE: 1/10/71.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
6.6N-1000W	71-H-4619	50	230	360	255	1
1010	4620	50	130	445	170	1
1020	1	60	160	440	210	1
1030	2	10	15	55	20	BLD
1040	3	BLD	10	25	10	BLD
1050	4	2	10	20	10	BLD
1060	5	BLD	5	20	10	BLD
1070	6	5	10	25	10	BLD
1080	7	10	20	30	10	BLD
1090	8	BLD	10	25	10	BLD
1100	9	10	10	30	10	BLD
1110	4630	10	15	50	10	BLD
1120	1	10	15	45	10	BLD
1130	2	10	15	40	15	1
1140	3	10	15	40	10	BLD
1150	4	20	30	40	40	BLD
1160	5	5	10	30	10	BLD
1170	6	10	10	50	10	BLD
1180	7	5	10	30	10	BLD
1190	8	2	10	20	10	BLD
6.6N-1200W	9	BLD	5	10	5	BLD

METHODS:

Cu Ni Pb Zn Ag by GRCl.

BLD - below limit of detection.

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 006885 PROJECT No. EL7/68 Dundas Razorback Grid

LAB. SHEET No.: 791/4 SAMPLE TYPE: Soil Profile DATE: 1/10/71.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
8.6N-1000W	71-H-4640	20	595	250	565	1
1010	1	35	1150	245	1075	2
1020	2	20	460	200	570	1
1030	3	10	90	500	145	BLD
1040	4	35	750	290	650	1
1050	5	20	20	140	30	BLD
1060	6	10	15	50	30	BLD
1070	7	5	10	10	20	BLD
1080	8	15	20	25	35	BLD
1090	9	10	40	150	140	BLD
1100	4650	20	25	100	70	BLD
1110	1	50	20	40	40	BLD
1120	2	BLD	5	40	20	BLD
1130	3	15	35	60	85	BLD
1140	4	BLD	10	50	10	BLD
1150	5	10	10	50	10	BLD
1160	6	BLD	BLD	20	10	BLD
1170	7	BLD	10	20	5	BLD
1180	8	5	10	15	10	BLD
1190	9	65	575	35	480	1
1200	4660	25	140	90	90	1
1210	1	35	160	165	300	1
1220	2	5	10	20	15	BLD
1230	3	40	210	260	150	1
1240	4	70	530	480	335	2
1250	5	60	285	250	270	1
1260	6	55	290	285	240	1
1270	7	90	800	700	470	2
1280	8	50	315	345	320	1
1290	9	35	180	250	300	1
1300	70	140	595	160	390	1
1310	1	15	30	20	30	BLD
1320	2	BLD	15	10	20	BLD
1330	3	10	20	10	25	BLD
1340	4	2	10	10	10	BLD
1350	5	BLD	5	15	10	BLD
1360	6	BLD	BLD	5	10	BLD
1370	7	BLD	10	10	10	BLD
1380	8	BLD	5	10	10	BLD
1390	9	BLD	10	10	15	BLD
1400	80	BLD	25	10	10	BLD

METHODS:

Cu Ni Pb Zn Ag by GRC1

BLD - below limit of detection.

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 006885 PROJECT No.: EL7/68 Dundas Razorback Grid

LAB. SHEET No.: 791/5 SAMPLE TYPE: Soil Profile DATE: 1/10/71.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm			
8-6N-1410	71-H-4681	BLD	5	10	5	BLD			
1420	2	BLD	5	BLD	5	BLD			
1430	3	BLD	BLD	5	BLD	BLD			
1440	4	BLD	BLD	5	5	BLD			
1450	5	BLD	BLD	5	5	BLD			
1460	6	BLD	BLD	15	10	BLD			
1470	7	BLD	BLD	10	5	BLD			
1480	8	BLD	BLD	10	2	BLD			
1490	9	BLD	BLD	10	5	BLD			
8-6N-1500W	4690	BLD	BLD	10	5	BLD			

METHODS:

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Chief Chemist R. W. Gerdsen

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007575 PROJECT No.: EL.7/68 - DUNDAS PLATT GRID

LAB. SHEET No.: 817/1 SAMPLE TYPE: SOIL PROFILE DATE: 26th October, 1971.

SAMPLE No.	LAB. No.	Ni ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm	Sn %
2S/00'	71-K-161	90	5450	890	5	55	0.02
2S/10'E	71-K-162	145	7200	1280	5	90	.02
2S/20'	71-K-163	120	8500	1410	9	80	.02
2S/30'	71-K-164	195	1.07%	1900	7	70	BLD
2S/40'	71-K-165	150	8650	1460	6	60	BLD
2S/50'	71-K-166	120	1.27%	1800	5	50	.02
2S/60'	71-K-167	150	8500	2000	6	50	.03
2S/70'	71-K-168	200	4850	2300	9	70	.02
2S/80'	71-K-169	260	6250	3200	12	70	.02
2S/90'	71-K-170	120	4200	1440	9	100	.02
2S/100'	71-K-171	140	765	725	5	40	.02
2S/110'	71-K-172	110	85	290	2	25	.02
2S/120'	71-K-173	140	60	375	1	35	.02
2S/130'	71-K-174	145	65	160	1	35	.03
2S/140'	71-K-175	75	270	620	2	120	.04
2S/150'	71-K-176	130	8750	1410	28	30	.02
2S/160'	71-K-177	220	5100	3000	17	55	BLD
2S/170'	71-K-178	295	3850	2900	10	55	BLD
2S/180'	71-K-179	160	7750	1100	20	50	.03
2S/190'	71-K-180	650	4400	2700	23	15	BLD
2S/200'	71-K-181	305	2000	2000	25	40	.02
2S/210'	71-K-182	220	4450	1280	19	25	.02
2S/220'	71-K-183	185	3600	1200	13	40	.03
2S/230'	71-K-184	415	6150	2900	49	30	.03
2S/240'	71-K-185	550	5750	3500	30	50	.03
2S/250'	71-K-186	200	2200	2100	13	10	.02
2S/260'	71-K-187	70	1950	630	6	10	.02
2S/270'	71-K-188	95	1900	570	7	15	.02
2S/280'	71-K-189	70	1950	530	3	10	.03
2S/290'	71-K-190	50	1550	320	2	15	.03
2S/300'	71-K-191	70	1000	345	3	10	.04
2S/310'	71-K-192	75	1500	400	2	5	.04
2S/320'	71-K-193	170	1.01%	1600	7	15	BLD
2S/330'	71-K-194	40	2750	665	2	10	.02
2S/340'	71-K-195	110	1950	630	3	25	.02
2S/350'	71-K-196	40	900	330	2	10	.04
2S/360'	71-K-197	95	3200	340	5	10	.02
2S/370'	71-K-198	25	200	120	1	20	.04
2S/380'	71-K-199	35	140	200	1	15	.03
2S/390'	71-K-200	15	60	50	1	20	.03
2S/400'	71-K-201	10	45	25	1	15	.04
2S/410'	71-K-202	10	70	20	1	20	.06
2S/420'	71-K-203	5	95	10	1	25	.03
2S/430'	71-K-204	5	110	20	1	10	.04
2S/440'	71-K-205	BLD	110	2	1	10	.04
2S/450'	71-K-206	BLD	40	10	BLD	30	.04

METHODS:

Ni, Pb, Zn, Ag by G.R.C. No. 1
Cr by G.R.C. No. 6
Sn by G.R.C. No. 5
B.L.D. = Below Limit of Detection

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Chief Chemist

Ray W. Yerbury

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007575/6 PROJECT No. EL. 7/68 - DUNDAS PLATT GRID

LAB. SHEET No.: 817/2 SAMPLE TYPE: SOIL PROFILE DATE: 26th October, 1971.

SAMPLE No.	LAB. No.	Ni ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm	Sn %
2S/460'	71-K-207	BLD	50	10	BLD	15	.03
2S/470'	71-K-208	BLD	50	5	1	10	.06
2S/480'	71-K-209	5	110	10	1	15	.03
2S/490'E	71-K-210	5	155	10	1	20	.06
2S/500'E	71-K-211	5	65	10	1	10	.04
2S/510'	71-K-212	5	40	10	BLD	10	.06
2S/520'	71-K-213	5	40	5	1	10	.04
2S/530'	71-K-214	5	15	10	1	10	.04
2S/540'	71-K-215	BLD	30	10	BLD	25	.06
2S/550'	71-K-216	BLD	10	BLD	BLD	BLD	.06
2S/560'	71-K-217	BLD	10	10	BLD	20	.06
2S/570'	71-K-218	BLD	10	BLD	BLD	10	.04
2S/580'	71-K-219	BLD	15	10	BLD	30	.04
2S/590'	71-K-220	BLD	15	BLD	BLD	20	.04
2S/600'	71-K-221	BLD	5	2	1	25	.04
2S/610'	71-K-222	BLD	10	BLD	BLD	15	.04
2S/620'	71-K-223	BLD	15	BLD	BLD	15	.03
2S/630'	71-K-224	BLD	10	10	BLD	40	.02
2S/640'	71-K-225	BLD	10	BLD	BLD	30	.03
2S/650'	71-K-226	BLD	BLD	BLD	BLD	20	.04
2S/660'	71-K-227	BLD	90	BLD	3	10	.04
2S/670'	71-K-228	BLD	10	BLD	1	30	.03
2S/680'	71-K-229	BLD	BLD	BLD	1	10	.04
2S/690'	71-K-230	BLD	10	BLD	BLD	10	.04
2S/700'	71-K-231	BLD	10	10	BLD	10	.02
2S/710'	71-K-232	BLD	BLD	BLD	BLD	10	.04
2S/720'	71-K-233	BLD	10	5	BLD	20	.04
2S/730'	71-K-234	BLD	10	BLD	BLD	10	.04
2S/740'	71-K-235	BLD	20	10	BLD	45	.06
2S/750'	71-K-236	BLD	25	15	BLD	40	.02
2S/760'	71-K-237	BLD	30	20	BLD	30	.04
2S/770'	71-K-238	BLD	10	10	BLD	25	.06
2S/780'	71-K-239	BLD	10	10	BLD	45	.06
2S/790'	71-K-240	BLD	BLD	BLD	BLD	25	.04
2S/800'E	71-K-241	BLD	BLD	BLD	BLD	50	.04
2S/810'	71-K-242	BLD	BLD	10	BLD	55	.06
2S/820'	71-K-243	BLD	70	20	BLD	20	.04
2S/830'	71-K-244	BLD	BLD	5	BLD	10	.04
2S/840'	71-K-245	BLD	10	5	BLD	45	.04
2S/850'	71-K-246	BLD	BLD	BLD	BLD	40	.03
2S/860'	71-K-247	BLD	BLD	10	BLD	30	.03
2S/870'	71-K-248	BLD	BLD	5	BLD	30	.03
2S/880'	71-K-249	BLD	10	10	BLD	50	.03
2S/890'	71-K-250	BLD	10	10	BLD	20	.06
2S/900'	71-K-251	BLD	BLD	BLD	1	25	.03
4S/00'	71-K-252	180	7950	1800	19	20	.02

METHODS:

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Chief Chemist

Ray W. Gerlach

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007577 PROJECT No.: EL.7/68 - DUNDAS - PLATT GRID

LAB. SHEET No.: 817/3 SAMPLE TYPE: SOIL PROFILE DATE: 26th October, 1971

SAMPLE No.	LAB. No.	Ni ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm	Sn %		
4S/10'E	71-K-253	175	7550	3200	19	70	.02		
4S/20'	71-K-254	310	1.01%	8400	21	205	BLD		
4S/30'	71-K-255	1050	2500	3200	80	325	BLD		
4S/40'	71-K-256	610	8300	2700	37	225	.02		
4S/50'	71-K-257	90	3000	715	6	75	.02		
4S/60'	71-K-258	110	2450	650	5	65	BLD		
4S/70'	71-K-259	140	4100	1900	5	100	BLD		
4S/80'	71-K-260	170	6000	1000	14	70	.03		
4S/90'	71-K-261	120	6250	725	8	60	.02		
4S/100'	71-K-262	100	1650	520	5	60	.02		
4S/110'	71-K-263	135	3600	940	7	110	.03		
4S/120'	71-K-264	225	6350	2300	13	150	.02		
4S/130'	71-K-265	260	8000	2400	16	100	BLD		
4S/140'	71-K-266	340	8750	2800	38	110	.02		
4S/150'	71-K-267	225	8600	2800	31	50	BLD		
4S/160'	71-K-268	275	8650	3550	17	30	BLD		
4S/170'	71-K-269	265	6350	2000	16	20	BLD		
4S/180'	71-K-270	260	5250	1900	13	20	.02		
4S/190'	71-K-271	70	1100	430	3	40	.03		
4S/200'	71-K-272	285	580	1600	11	90	BLD		
4S/210'	71-K-273	70	510	240	3	45	.03		
4S/220'	71-K-274	25	120	105	1	20	.03		
4S/230'	71-K-275	30	90	110	2	20	.02		
4S/240'	71-K-276	20	130	85	2	20	.04		
4S/250'	71-K-277	70	100	140	2	25	.03		
4S/260'	71-K-278	10	70	25	1	20	.02		
4S/270'	71-K-279	10	50	20	1	10	.04		
4S/280'	71-K-280	10	145	30	1	20	.03		
4S/290'	71-K-281	5	30	5	BLD	15	.04		
4S/300'	71-K-282	5	25	5	BLD	20	.03		
4S/310'	71-K-283	5	35	10	BLD	40	.03		
4S/320'	71-K-284	5	35	15	BLD	40	.03		
4S/330'	71-K-285	5	20	10	1	30	.04		
4S/340'	71-K-286	10	65	20	1	10	.03		
4S/350'	71-K-287	5	50	10	1	20	.03		
4S/360'	71-K-288	10	120	10	1	10	.04		
4S/370'	71-K-289	10	160	10	1	10	.04		
4S/380'	71-K-290	5	180	5	1	15	.04		
4S/390'	71-K-291	10	210	10	1	15	.04		
4S/400'	71-K-292	5	100	10	1	20	.06		
4S/410'	71-K-293	5	30	5	1	10	.04		
4S/420'	71-K-294	5	35	5	1	15	.03		
4S/430'	71-K-295	5	45	BLD	1	15	.03		
4S/440'	71-K-296	5	25	10	1	20	.03		
4S/450'	71-K-297	5	20	5	1	20	.04		
4S/460'	71-K-298	5	20	BLD	BLD	10	.04		

METHODS:

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007577 PROJECT No.: EL.7/68 - DUNDAS - PLATT GRID

LAB. SHEET No.: 817/4 SAMPLE TYPE: SOIL PROF. DATE: 26th October, 1971.

SAMPLE No.	LAB. No.	Ni ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm	Sn %		
4S/470'	71-K-299	5	30	BLD	1	10	.04		
4S/480'	71-K-300	5	20	BLD	1	15	.06		
4S/490'	71-K-301	5	40	2	BLD	10	.03		
4S/500'E	71-K-302	5	25	5	BLD	20	.04		
4S/510'	71-K-303	BLD	20	BLD	1	20	.04		
4S/520'	71-K-304	BLD	15	BLD	BLD	30	.03		
4S/530'	71-K-305	BLD	35	10	BLD	30	.06		
4S/540'	71-K-306	BLD	40	BLD	1	20	.06		
4S/550'	71-K-307	BLD	40	5	BLD	20	.06		
4S/560'	71-K-308	5	25	5	BLD	20	.04		
4S/570'	71-K-309	5	35	40	BLD	50	.04		
4S/580'	71-K-310	BLD	20	10	1	20	.04		
4S/590'	71-K-311	BLD	35	10	BLD	30	.04		
4S/600'	71-K-312	BLD	30	10	BLD	40	.06		
4S/610'	71-K-313	BLD	15	2	1	30	.03		
4S/620'	71-K-314	BLD	20	2	BLD	15	.03		
4S/630'	71-K-315	BLD	15	2	1	15	.03		
4S/640'	71-K-316	BLD	10	BLD	1	30	.04		
4S/650'	71-K-317	BLD	10	BLD	BLD	30	.02		
4S/660'	71-K-318	BLD	15	2	1	25	.03		
4S/670'	71-K-319	BLD	10	BLD	BLD	30	.04		
4S/680'	71-K-320	5	10	BLD	1	20	.04		
4S/690'	71-K-321	5	10	BLD	1	25	.03		
4S/700'	71-K-322	5	15	BLD	1	30	.06		
4S/710'	71-K-323	5	35	10	1	30	.04		
4S/720'	71-K-324	5	15	5	2	30	.03		
4S/730'	71-K-325	5	10	2	BLD	30	.03		
4S/740'	71-K-326	5	5	BLD	BLD	45	.03		
4S/750'	71-K-327	5	10	BLD	BLD	40	.06		
4S/760'	71-K-328	10	20	10	1	25	.04		
4S/770'	71-K-329	5	35	5	1	25	.04		
4S/780'	71-K-330	5	75	BLD	1	30	.06		
4S/790'	71-K-331	5	30	10	1	15	.06		
4S/800'	71-K-332	10	20	10	BLD	15	.03		
4S/810'	71-K-333	5	45	2	BLD	20	.03		
4S/820'	71-K-334	5	50	15	BLD	45	.04		
4S/830'	71-K-335	5	60	20	BLD	50	.06		
4S/840'	71-K-336	5	10	BLD	1	40	.04		
4S/850'	71-K-337	10	10	BLD	BLD	30	.04		
4S/860'	71-K-338	5	15	BLD	1	20	.06		
4S/870'	71-K-339	5	10	BLD	1	25	.03		
4S/880'	71-K-340	5	15	BLD	BLD	30	.06		
4S/890'	71-K-341	5	10	BLD	BLD	30	.03		
4S/900'	71-K-342	5	20	BLD	BLD	20	.04		
4S/910'	71-K-343	5	20	BLD	1	20	.03		
4S/920'	71-K-344	5	10	5	BLD	20	.04		

METHODS:

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Chief Chemist Ray W. Yeabsley

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007578 PROJECT No.: EL.7/68 - DUNDAS - PLATT GRID

LAB. SHEET No.: 817/5 SAMPLE TYPE: SOIL PROFILE DATE: 26th October, 1971.

SAMPLE No.	LAB. No.	Ni ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm	Sn %		
4S/930'	71-K-345	5	50	30	BLD	50	.03		
4S/940'	71-K-346	5	15	5	BLD	40	.06		
4S/950'	71-K-347	5	15	2	BLD	30	.03		
4S/960'	71-K-348	BLD	20	BLD	BLD	15	.04		
4S/970'	71-K-349	5	20	5	BLD	20	.06		
4S/980'	71-K-350	BLD	20	5	1	30	.04		
4S/990'	71-K-351	BLD	10	2	BLD	25	.06		
4S/1000'E	71-K-352	BLD	25	15	1	35	.04		

METHODS:

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Chief Chemist

Roy W. Ferguson

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007551 PROJECT No.: EL.7/68- DUNDAS - AINSLIE

LAB. SHEET No.: 818/1 SAMPLE TYPE: SOIL PROFILE DATE: 27th October, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
4S + 100E	71-H-2568	55	10	340	265	2
4S + 110E	71-H-2569	50	10	350	70	1
4S + 120E	71-H-2570	50	10	250	70	1
4S + 130E	71-H-2571	65	10	805	175	1
4S + 140E	71-H-2572	65	5	540	240	1
4S + 150E	71-H-2573	80	10	900	320	1
4S + 160E	71-H-2574	180	15	1900	415	3
4S + 170E	71-H-2575	230	30	4000	1450	5
4S + 180E	71-H-2576	310	50	7950	3500	9
4S + 190E	71-H-2577	400	50	1.04%	4750	7
4S + 200E	71-H-2578	40	5	180	80	1
4S + 210E	71-H-2579	90	10	110	160	1
4S + 220E	71-H-2580	95	10	240	150	1
4S + 230E	71-H-2581	30	5	80	110	BLD
4S + 240E	71-H-2582	5	BLD	55	15	BLD
4S + 250E	71-H-2583	BLD	BLD	20	10	BLD
4S + 260E	71-H-2584	BLD	BLD	25	20	BLD
4S + 270E	71-H-2585	BLD	BLD	20	10	BLD
4S + 280E	71-H-2586	BLD	BLD	20	10	BLD
4S + 290E	71-H-2587	BLD	BLD	20	10	BLD
4S + 300E	71-H-2588	BLD	BLD	25	5	BLD
4S + 310E	71-H-2589	BLD	BLD	10	5	BLD
4S + 320E	71-H-2590	BLD	BLD	20	10	BLD
4S + 330E	71-H-2591	BLD	BLD	25	10	BLD
4S + 340E	71-H-2592	BLD	BLD	15	10	BLD
4S + 350E	71-H-2593	BLD	BLD	20	10	BLD
4S + 360E	71-H-2594	5	5	35	20	BLD
4S + 370E	71-H-2595	10	5	100	20	1
4S + 380E	71-H-2596	10	BLD	75	10	1
4S + 390E	71-H-2597	5	BLD	60	10	BLD
4S + 400E	71-H-2598	5	BLD	55	10	BLD
4S + 410E	71-H-2599	10	BLD	55	10	BLD
4S + 420E	71-H-2600	5	5	55	10	BLD
4S + 430E	71-H-2601	10	BLD	50	25	BLD
4S + 440E	71-H-2602	15	BLD	70	20	BLD
4S + 450E	71-H-2603	15	10	70	35	BLD
4S + 460E	71-H-2604	15	5	100	20	1
4S + 470E	71-H-2605	20	5	90	20	BLD
4S + 480E	71-H-2606	10	5	75	15	BLD
4S + 490E	71-H-2607	2	BLD	30	10	BLD
4S + 500E	71-H-2608	10	5	50	20	BLD
4S + 510E	71-H-2609	15	BLD	50	15	BLD
4S + 520E	71-H-2610	10	5	50	40	1
4S + 530E	71-H-2611	5	BLD	40	10	BLD
4S + 540E	71-H-2612	10	BLD	45	10	BLD
4S + 550E	71-H-2613	30	5	80	40	1

METHODS:
Cu, Ni, Pb, Zn, Ag by G.R.C. No. 1
B.L.D. = Below Limit of detection

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Chief Chemist

Ray W. Jeffery

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007551 PROJECT No. EL. 7/68 - DUNDAS - AINSLIE

LAB. SHEET No. 818/2 SAMPLE TYPE: SOIL PROFILE DATE: 27th October, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm			
4S + 560E	71-H-2614	45	5	120	80	1			
4S + 570E	71-H-2615	80	10	330	310	1			
4S + 580E	71-H-2616	100	10	260	200	1			
4S + 590E	71-H-2617	25	5	105	210	1			

METHODS:

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007552 PROJECT No.: EL.7/68 Ainslie.

LAB. SHEET No.: 818/3 SAMPLE TYPE: Soil Profile DATE: 15/10/71.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
45 - 600 E	71-H-2618	BLD	BLD	25	10	1
610	9	10	BLD	50	15	BLD
620	2620	5	5	50	20	BLD
630	21	10	10	60	35	1
640	22	15	15	80	45	1
650	23	10	20	40	40	1
660	24	10	20	50	45	1
670	25	30	25	80	50	1
680	26	BLD	10	20	20	BLD
690	27	10	30	95	65	1
700	28	5	25	50	100	BLD
710	29	BLD	25	15	20	BLD
720	2630	BLD	20	25	30	1
730	31	10	10	20	20	BLD
740	32	10	20	60	35	1
45 - 750 E	33	10	20	50	50	1

METHODS:

Cu, Ni, Pb, Zn, Ag by GRC.1.

BLD - below limit of detection.

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007553 PROJECT No.: EL. 7/68 - AINSLIE - DUNDAS

LAB. SHEET No.: 818/4 SAMPLE TYPE: SOIL PROFILE DATE: 27th October, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
6S + 300E	71-H-2634	10	5	20	5	BLD
6S + 310E	71-H-2635	BLD	BLD	30	2	BLD
6S + 320E	71-H-2636	5	BLD	20	5	BLD
6S + 330E	71-H-2637	2	BLD	30	5	BLD
6S + 340E	71-H-2638	10	BLD	70	35	BLD
6S + 350E	71-H-2639	5	5	45	30	BLD
6S + 360E	71-H-2640	20	BLD	70	10	BLD
6S + 370E	71-H-2641	10	BLD	50	20	BLD
6S + 380E	71-H-2642	10	BLD	80	20	BLD
6S + 390E	71-H-2643	15	5	105	35	BLD
6S + 400E	71-H-2644	10	5	65	20	BLD
6S + 410E	71-H-2645	15	10	60	30	1
6S + 420E	71-H-2646	20	10	60	30	1
6S + 430E	71-H-2647	10	10	40	35	BLD
6S + 440E	71-H-2648	25	10	50	55	BLD
6S + 450E	71-H-2649	10	10	30	30	BLD
6S + 460E	71-H-2650	50	10	30	75	BLD
6S + 470E	71-H-2651	60	25	35	150	BLD
6S + 480E	71-H-2652	45	20	30	160	1
6S + 490E	71-H-2653	210	100	4350	1325	6
6S + 500E	71-H-2654	80	15	790	175	1
6S + 510E	71-H-2655	50	20	220	170	1
6S + 520E	71-H-2656	70	80	170	120	2
6S + 530E	71-H-2657	40	10	445	130	1
6S + 540E	71-H-2658	90	25	535	330	1
6S + 550E	71-H-2659	30	10	180	140	1
6S + 560E	71-H-2660	45	30	320	310	2
6S + 570E	71-H-2661	80	10	160	75	1
6S + 580E	71-H-2662	45	10	130	85	BLD
6S + 590E	71-H-2663	30	10	70	80	BLD
6S + 600E	71-H-2664	45	15	55	190	BLD
6S + 610E	71-H-2665	60	20	105	255	BLD
6S + 620E	71-H-2666	30	20	80	210	BLD
6S + 630E	71-H-2667	65	20	150	250	1
6S + 640E	71-H-2668	55	30	135	250	1
6S + 650E	71-H-2669	50	20	170	220	1
6S + 660E	71-H-2670	60	20	175	435	2
6S + 670E	71-H-2671	80	40	420	730	2
6S + 680E	71-H-2672	50	40	200	670	1
6S + 690E	71-H-2673	80	25	295	355	1
6S + 700E	71-H-2674	70	25	255	270	1
6S + 710E	71-H-2675	45	40	175	140	1
6S + 720E	71-H-2676	20	25	70	70	1
6S + 730E	71-H-2677	65	20	65	50	1
6S + 740E	71-H-2678	35	20	60	45	1
6S + 750E	71-H-2679	20	15	40	35	1

METHODS:

NATA

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007553 PROJECT No.: EL. 7/68 - AINSLIE - DUNDAS

LAB. SHEET No.: 818/5 SAMPLE TYPE: SOIL PROFILE DATE: 27th October, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm			
6S + 900E	71-H-2680	10	35	30	40	BLD			
6S + 910E	71-H-2681	10	20	30	45	1			
6S + 920E	71-H-2682	10	10	30	30	BLD			

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007554 PROJECT No.: EL.7/68 Dundas Ainslie.

LAB. SHEET No.: 818/6 SAMPLE TYPE: Soil Profile DATE: 15/10/71

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
6 S - 930E	71-H-2683	10	10	35	30	BLD
940E	84	15	20	65	70	BLD
950E	85	10	15	35	75	BLD
960E	86	2	15	40	65	BLD
970E	87	BLD	10	30	25	BLD
980E	88	BLD	10	70	75	BLD
990E	89	2	15	60	145	1
1000E	2690	10	10	130	115	BLD
1010E	91	BLD	10	90	100	BLD
1020E	92	BLD	10	50	60	BLD
1030E	93	10	10	20	10	BLD
1040E	94	5	20	150	195	BLD
1050E	95	5	20	110	170	BLD
1060E	96	2	15	60	75	BLD
1070E	97	BLD	10	50	55	1
1080E	98	BLD	5	20	10	BLD
1090E	99	BLD	5	20	10	BLD
6 S -1100E	2700	BLD	5	10	10	BLD

METHODS:

Cu, Ni, Pb, Zn, Ag by GRC.1.

BLD - Below limit of detection

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Chief Chemist Ray W. Gerlach

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007555 PROJECT No.: EL.7/68 Dundas Ainslie

LAB. SHEET No.: 818/7 SAMPLE TYPE: Soil Profile DATE: 15/10/71.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
12 S - 1200E	71-H-2701	5	BLD	50	10	BLD
1210	2	BLD	BLD	55	10	BLD
1220	3	BLD	BLD	30	5	BLD
1230	4	BLD	BLD	30	10	BLD
1240	5	BLD	BLD	55	10	BLD
1250	6	BLD	BLD	20	5	BLD
1260	7	BLD	BLD	20	BLD	BLD
1270	8	BLD	BLD	10	2	BLD
1280	9	BLD	5	5	5	BLD
1290	2710	BLD	BLD	10	5	BLD
1300	11	BLD	5	5	5	BLD
1310	12	BLD	5	5	5	BLD
1320	13	BLD	BLD	10	5	BLD
1330	14	2	5	10	10	BLD
1340	15	BLD	5	40	10	BLD
1350	16	2	5	75	10	BLD
1360	17	BLD	5	30	20	BLD
1370	18	2	5	30	10	BLD
1380	19	10	10	1050	190	BLD
1390	2720	15	10	285	190	BLD
1400	21	15	10	190	100	BLD
1410	22	BLD	10	40	10	BLD
1420	23	BLD	5	40	15	BLD
1430	24	BLD	10	75	70	BLD
1440	25	40	15	580	650	BLD
1450	26	60	20	1300	560	BLD
1460	27	60	20	2450	829	9
1470	28	35	10	900	190	BLD
1480	29	40	10	1150	225	BLD
1490	2730	60	15	655	245	BLD

METHODS:

Cu, Ni, Pb, Zn, Ag by GRC.1.

BLD - below limit of detection.

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007555 PROJECT No. EL.7/68 Ainslie Dundas

LAB. SHEET No. 818/8 SAMPLE TYPE. Soil Profile DATE. 15/10/71

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
1500 E	71-H-2731	30	15	800	230	BLD
1510	32	35	25	1900	385	3
1520	33	30	20	770	260	BLD
1530	34	45	20	1250	325	4
1540	35	60	20	1900	240	5
1550	36	40	20	1250	255	BLD
1560	37	60	20	1350	190	1
1570	38	40	20	320	260	BLD
1580	39	65	40	850	500	BLD
1590	2740	65	20	2400	280	BLD
1600	41	60	30	3800	570	1
1610	42	175	30	5000	1700	4
1620	43	60	20	3950	670	1
1630	44	60	20	2950	825	2
1640	45	35	10	430	150	BLD
1650	46	50	20	4150	465	1
1660	47	190	20	2.40%	1400	5
1670	48	40	15	1700	380	BLD
1680	49	30	10	610	120	BLD
12S-1690E	2750	45	10	2250	355	BLD

METHODS:

Cu, Ni, Pb, Zn, Ag by GRC.1.

BLD - below limit of detection.

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007556 PROJECT No.: EL 7/68 Dundas Ainslie

LAB. SHEET No.: 818/9 SAMPLE TYPE: Soil Profile DATE: 15/10/71.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm			
12 S - 1700E	71-H-2751	45	10	2600	310	3			
1710E	52	500	30	4400	1950	4			
1720E	53	40	10	3100	330	1			
1730E	54	45	10	1900	660	3			
1740E	55	30	10	2200	265	2			
1750E	56	40	10	2200	340	2			
1760E	57	40	10	1300	320	2			
1770E	58	25	5	950	130	1			
1780E	59	30	10	1250	150	1			
1790E	2760	25	10	745	115	1			
12 S - 1800E	1	10	5	385	35	1			

METHODS:

Cu, Ni, Pb, Zn, Ag by GRC.1.

BLD - below limit of detection.

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007557 PROJECT No.: EL. 7/68 - DUNDAS - AINSLIE

LAB. SHEET No.: 818/10 SAMPLE TYPE: SOIL PROFILE DATE: 27th October, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
14S + 150E	71-H-2762	BLD	BLD	10	10	BLD
14S + 160E	71-H-2763	BLD	BLD	10	10	BLD
14S + 170E	71-H-2764	BLD	BLD	20	10	BLD
14S + 180E	71-H-2765	BLD	BLD	20	10	BLD
14S + 190E	71-H-2766	BLD	BLD	5	10	BLD
14S + 200E	71-H-2767	2	BLD	35	20	BLD
14S + 210E	71-H-2768	BLD	BLD	30	10	BLD
14S + 220E	71-H-2769	BLD	BLD	60	10	1
14S + 230E	71-H-2770	2	10	50	45	1
14S + 240E	71-H-2771	BLD	BLD	10	10	BLD
14S + 250E	71-H-2772	BLD	BLD	10	10	BLD
14S + 260E	71-H-2773	BLD	BLD	10	10	BLD
14S + 270E	71-H-2774	BLD	BLD	20	10	BLD
14S + 280E	71-H-2775	BLD	BLD	30	10	1
14S + 290E	71-H-2776	10	BLD	120	45	BLD
14S + 300E	71-H-2777	15	BLD	50	10	BLD
14S + 310E	71-H-2778	BLD	BLD	20	10	BLD
14S + 320E	71-H-2779	BLD	BLD	20	10	BLD
14S + 330E	71-H-2780	BLD	BLD	10	5	BLD
14S + 340E	71-H-2781	BLD	BLD	15	10	BLD
14S + 350E	71-H-2782	BLD	BLD	15	10	BLD
14S + 700E	71-H-2783	BLD	BLD	10	5	BLD
14S + 710E	71-H-2784	BLD	BLD	10	5	BLD
14S + 720E	71-H-2785	BLD	5	40	10	BLD
14S + 730E	71-H-2786	BLD	BLD	10	10	BLD
14S + 740E	71-H-2787	BLD	BLD	10	5	BLD
14S + 750E	71-H-2788	BLD	BLD	10	10	BLD
14S + 760E	71-H-2789	BLD	BLD	10	10	BLD
14S + 770E	71-H-2790	BLD	BLD	10	2	BLD
14S + 780E	71-H-2791	BLD	BLD	10	5	BLD
14S + 790E	71-H-2792	BLD	BLD	5	2	BLD
14S + 800E	71-H-2793	BLD	BLD	5	2	BLD
14S + 810E	71-H-2794	BLD	BLD	10	2	BLD
14S + 820E	71-H-2795	BLD	BLD	5	5	BLD
14S + 830E	71-H-2796	BLD	BLD	5	5	BLD
14S + 840E	71-H-2797	BLD	BLD	5	5	BLD
14S + 850E	71-H-2798	BLD	BLD	10	10	BLD
14S + 860E	71-H-2799	BLD	5	BLD	5	BLD
14S + 870E	71-H-2800	20	35	100	325	1
14S + 880E	71-H-2801	BLD	BLD	5	5	BLD
14S + 890E	71-H-2802	BLD	BLD	10	10	BLD
14S + 900E	71-H-2803	BLD	BLD	10	10	BLD
14S + 910E	71-H-2804	BLD	BLD	10	5	BLD
14S + 920E	71-H-2805	2	5	20	10	BLD
14S + 930E	71-H-2806	BLD	BLD	25	10	BLD
14S + 940E	71-H-2807	BLD	BLD	10	BLD	BLD

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007557/8 PROJECT No.: EL.7/68 - DUNDAS - AINSLIE

LAB. SHEET No.: 818/11 SAMPLE TYPE: SOIL PROF. DATE: 27th October, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm			
14S + 950E	71-H-2808	35	45	145	500	2			
14S + 960E	71-H-2809	BLD	BLD	5	BLD	BLD			
14S + 970E	71-H-2810	BLD	5	10	10	BLD			
14S + 980E	71-H-2811	BLD	5	10	6	BLD			
14S + 990E	71-H-2812	BLD	5	10	5	BLD			
14S + 1000E	71-H-2813	2	5	15	10	BLD			
14S + 1010E	71-H-2814	BLD	5	10	BLD	BLD			
14S + 1020E	71-H-2815	BLD	5	15	5	BLD			
14S + 1030E	71-H-2816	20	15	120	90	1			
14S + 1040E	71-H-2817	20	45	150	180	1			
14S + 1050E	71-H-2818	2	5	60	20	BLD			
14S + 1060E	71-H-2819	BLD	5	20	BLD	BLD			
14S + 1070E	71-H-2820	5	5	65	15	1			
14S + 1080E	71-H-2821	BLD	5	10	BLD	BLD			
14S + 1090E	71-H-2822	BLD	5	10	2	BLD			
14S + 1100E	71-H-2823	BLD	BLD	10	2	BLD			

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007559 PROJECT No. EL7/68 Dundas Ainslie

LAB. SHEET No. 818/12 SAMPLE TYPE. Soil Profile DATE. 13/10/71

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
22S - 1450 E	71-H-2824	BLD	BLD	20	2	BLD
1460	25	BLD	BLD	20	5	BLD
1470	26	BLD	BLD	15	5	BLD
1480	27	2	BLD	30	10	BLD
1490	28	BLD	BLD	20	5	BLD
1500	29	BLD	BLD	20	5	BLD
1510	2830	BLD	5	20	5	BLD
1520	31	BLD	BLD	15	5	BLD
1530	32	BLD	5	20	10	BLD
1540	33	2	5	15	10	BLD
1550	34	BLD	BLD	15	2	BLD
1560	35	BLD	BLD	20	5	BLD
1570	36	2	BLD	40	20	BLD
1580	37	BLD	5	15	10	BLD
1590	38	5	BLD	20	5	BLD
1600	39	BLD	5	20	5	BLD
1610	2840	10	10	30	10	1
1620	41	BLD	5	20	5	1
1630	42	BLD	BLD	20	BLD	BLD
1640	43	BLD	BLD	30	BLD	1
1650	44	BLD	BLD	30	BLD	BLD
1660	45	BLD	BLD	20	BLD	BLD
1670	46	BLD	BLD	30	BLD	BLD
1680	47	BLD	BLD	30	BLD	BLD
1690	48	BLD	BLD	70	BLD	BLD
1700	49	BLD	BLD	30	BLD	BLD
1710	2850	BLD	BLD	20	BLD	BLD
1720	51	BLD	BLD	15	BLD	BLD
1730	52	BLD	BLD	20	2	1
1740E	53	BLD	BLD	30	5	BLD
1750E	54	2	BLD	45	2	1
1760	55	BLD	BLD	40	2	BLD
1770	56	BLD	BLD	30	BLD	BLD
1780	57	BLD	BLD	20	2	BLD
1790	58	BLD	BLD	30	2	BLD
1800	59	BLD	BLD	30	5	BLD
1810	2860	BLD	5	30	5	BLD
1820	61	BLD	BLD	35	5	BLD
1830	62	BLD	BLD	20	2	BLD
1840	63	BLD	BLD	20	2	1
1850	64	BLD	5	20	2	BLD

METHODS:

Cu, Ni, Pb, Zn, Ag by GRC.1.

BLD - below limit of detection.

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007560 PROJECT No.: EL7/68 Dundas Ainslie.

LAB. SHEET No.: 818/13 SAMPLE TYPE: Soil Profile DATE: 13/10/71.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
28 S - 750 E	71-H-2865	BLD	BLD	85	15	BLD
760 E	66	BLD	BLD	55	5	BLD
770 E	67	BLD	BLD	30	5	BLD
780 E	68	BLD	BLD	40	5	BLD
790 E	69	BLD	BLD	60	10	BLD
800 E	2870	BLD	BLD	70	10	BLD
810 E	71	BLD	BLD	140	20	BLD
820 E	72	BLD	BLD	210	10	BLD
830 E	73	2	5	255	15	2
840 E	74	BLD	BLD	110	15	2
850 E	75	BLD	BLD	230	10	1
860 E	76	2	BLD	80	10	BLD
870 E	77	5	BLD	200	15	BLD
880 E	78	5	BLD	185	10	BLD
890 E	79	BLD	BLD	75	15	BLD
900 E	2880	BLD	BLD	40	10	BLD
910 E	81	2	5	85	10	BLD
920 E	82	BLD	BLD	10	BLD	BLD
930 E	83	BLD	BLD	25	2	BLD
940 E	84	BLD	BLD	30	5	BLD
950 E	85	BLD	BLD	90	10	BLD
960 E	86	BLD	BLD	55	5	BLD
970 E	87	5	5	100	10	BLD
980 E	88	10	BLD	80	10	BLD
990 E	89	BLD	BLD	20	5	BLD
1000 E	2890	BLD	BLD	10	BLD	BLD
1010 E	91	2	BLD	60	10	BLD
1020 E	92	2	BLD	85	10	BLD
1030 E	93	2	BLD	60	10	BLD
1040 E	94	2	BLD	60	10	BLD
1050 E	95	2	BLD	100	10	BLD
1060 E	96	2	BLD	125	20	BLD
1070 E	97	2	10	80	5	BLD
1080 E	98	BLD	BLD	15	2	BLD
1090 E	99	BLD	BLD	20	BLD	BLD
1100 E	2900	BLD	BLD	155	10	BLD
1110 E	1	BLD	BLD	125	10	BLD
1120 E	2	2	BLD	130	10	BLD
1130 E	3	5	BLD	90	20	BLD
1140 E	4	10	5	130	25	BLD
1150 E	5	10	5	140	20	BLD
1160 E	6	BLD	BLD	55	10	BLD
1170 E	7	BLD	BLD	30	10	BLD
1180 E	8	BLD	BLD	30	5	BLD

METHODS:

Cu, Ni, Pb, Zn, Ag by GRC.1.

BLD - Below limit of detection.

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007560 PROJECT No.: EL7/68 Dundas Ainslie.

LAB. SHEET No.: 818/14 SAMPLE TYPE: Soil Profile DATE: 13/10/71.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
28S -1190E	71-H-2909	BLD	BLD	15	5	BLD
1200E	2910	10	BLD	50	40	BLD
1210E	2911	BLD	BLD	20	10	BLD
1220E	2912	2	5	35	15	BLD
1230E	2913	BLD	5	30	5	BLD
28S - 1240 E	2914	10	10	50	10	BLD

METHODS:

Cu, Ni, Pb, Zn, Ag by GRC.1.

BLD - below limit of detection.

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007561 PROJECT No.: EL7/68 Dundas Ainslie.

LAB. SHEET No.: 818/15 SAMPLE TYPE: Soil Profile DATE: 14/10/71.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
28S-1250E	71-H-2915	5	5	40	10	BLD
1260E	16	BLD	BLD	20	5	BLD
1270E	17	BLD	BLD	20	5	BLD
1280E	18	10	10	60	40	BLD
1290E	19	BLD	BLD	20	5	BLD
1300E	2920	2	BLD	45	10	BLD
1310E	21	10	5	90	15	BLD
1320E	22	20	60	80	110	BLD
1330E	23	30	35	145	90	BLD
1340E	24	20	30	120	55	BLD
1350E	25	20	25	120	75	BLD
1360E	26	20	30	120	65	BLD
1370E	27	20	10	100	35	BLD
1380E	28	15	15	130	40	BLD
1390E	29	15	15	90	40	BLD
1400E	2930	25	25	100	50	BLD
1410E	31	20	30	120	60	BLD
1420E	32	30	40	290	65	BLD
1430E	33	35	20	150	65	BLD
1440E	34	40	40	100	90	BLD
1450E	35	35	20	190	60	BLD
1460E	36	45	35	145	80	BLD
1470E	37	30	20	145	50	BLD
1480E	38	15	10	85	30	BLD
1490E	39	20	10	85	25	BLD
1500E	2940	15	15	75	25	BLD
28S-1800E	41	40	20	90	45	BLD
1810E	42	20	25	100	90	BLD
1820E	43	15	10	145	50	BLD
1830E	44	25	20	230	90	BLD
1840E	45	30	20	190	100	BLD
1850E	46	25	15	225	70	BLD
1860E	47	50	25	190	115	BLD
1870E	48	20	15	95	70	BLD
1880E	49	30	10	75	60	BLD
1890E	2950	20	10	95	50	BLD
1900E	51	25	35	80	80	BLD
1910E	52	50	20	90	60	BLD
1920E	53	25	15	100	50	BLD

METHODS:

Cu, Ni Pb, Zn, Ag, by GRC.1.

BLD - Below limit of detection.

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007561 PROJECT No.: EL7/68 Dundas Ainslie.

LAB. SHEET No.: 818/16 SAMPLE TYPE: Soil Profile DATE: 14/10/71.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
28S-1930E	71-H-2954	30	20	95	50	BLD
1940E	55	15	15	95	35	BLD
1950E	56	15	15	70	55	BLD
1960E	57	30	20	160	90	BLD
1970E	58	50	30	175	80	BLD
1980E	59	30	20	105	65	BLD
1990E	2960	15	10	70	35	BLD
2000E	61	20	30	70	55	BLD
2010E	62	30	15	70	40	BLD
2020E	63	30	20	40	50	BLD

METHODS:

Cu, Ni, Pb, Zn, Ag by GRC.1.

BLD - Below limit of detection.

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007562 PROJECT No.: EL7/68 Dundas Ainslie.

LAB. SHEET No.: 818/17 SAMPLE TYPE: Soil Profile DATE: 14/10/71.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm			
28S-2030E	71-H-2964	40	45	55	70	1			
2040E	65	40	20	60	45	1			
2050E	66	35	20	80	45	1			
2060E	67	40	30	55	65	1			
2070E	68	30	20	95	55	1			
2080E	69	30	30	50	60	1			
2090E	2970	30	15	95	45	1			
2100E	71	25	20	100	40	1			
2110E	72	40	35	40	60	1			
2120E	73	20	15	45	40	1			
2130E	74	25	20	50	50	1			
2140E	75	30	20	50	70	1			
2150E	76	30	20	35	50	1			

METHODS:

Cu, Ni Pb, Zn, Ag by GRC.1.

BLD - below limit of detection.

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007582 PROJECT No.: EL.7/68 - DUNDAS - AREA 6 RECONNAISSANC

LAB. SHEET No.: 831/2 SAMPLE TYPE: ROCK DATE: 4th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
TA 5	71-K-581	15	50	70	70	140	2		
AD 2	71-K-582	1600	25	50	14.7%	625	60		
GN 2	71-K-583	30	100	60	2000	2300	3		
AD 4	71-K-584	4400	70	50	3200	1900	275		
AD 9	71-K-585	1800	30	140	12.3%	730	70		
RB 7	71-K-586	70	335	100	4000	445	6		
LD 1	71-K-587	1500	1025	1900	1000	2300	45		
GN 1	71-K-588	185	220	315	610	3600	10		
TA 7	71-K-589	30	80	100	180	210	3		
AD 6	71-K-590	8500	30	40	1.85%	3700	600		
TA 4	71-K-591	80	30	60	360	155	5		
TA 6	71-K-592	35	35	65	150	105	3		
A 2	71-K-593	15	55	30	65	135	1		
AD 7	71-K-594	7900	15	10	7750	3800	575		
AD 1	71-K-595	495	520	55	305	545	10		
A 11	71-K-596	15	40	90	60	85	2		
A 15	71-K-597	30	70	90	70	145	3		
A 7	71-K-598	620	160	195	2300	2600	5		
A 5	71-K-599	220	70	100	690	675	4		
A 4	71-K-600	40	45	80	190	275	3		
TA 8	71-K-601	20	30	55	85	160	2		
RB 5	71-K-602	10	500	175	110	380	2		
A 12	71-K-603	15	70	140	65	170	2		
AD 8	71-K-604	2400	30	110	9.0%	1300	180		
A 3	71-K-605	105	20	60	4900	140	14		
A 13	71-K-606	50	70	100	950	310	3		
AD 5	71-K-607	7300	30	30	6500	1900	650		
MR 2	71-K-608	395	110	55	4900	7600	7		
LD 3	71-K-609	60	40	60	600	860	3		
LD 2	71-K-610	2000	1350	1300	6050	2700	28		
RB 6	71-K-611	40	210	110	225	210	3		
MR 1	71-K-612	35	150	85	310	1000	3		
RB 1	71-K-613	65	80	90	75	190	2		
TA 1	71-K-614	10	35	70	60	120	2		
A 14	71-K-615	30	80	120	60	145	2		
CEB + 56N	71-K-616	450	120	80	1050	735	10		
CEE + 60N	71-K-617	70	320	135	240	1120	3		
CEA + 56N	71-K-618	90	60	70	600	260	3		
CEC + 60N	71-K-619	145	40	60	420	530	5		
CEA + 60N	71-K-620	20	160	80	425	2500	5		
CEC + 56N	71-K-621	45	175	110	1300	1600	4		
CED + 60N	71-K-622	180	70	100	530	400	5		
RBTL/10W	71-K-623	20	2350	215	140	4300	3		
RI	71-K-624	10	100	25	30	130	BLD		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007582 PROJECT No. EL. 7/68 - DUNDAS REC/AREA 6 - SPECIAL RECHECK

LAB. SHEET No. 834/1 SAMPLE TYPE: ROCK DATE: 10th November, 1971.

SAMPLE No.	LAB. No.	Sb %	As ppm	Ag ppm	Ave.
AD	71-K-607	0.39	135	660	660
				660	
AD 6	71-K-590	0.47	225	620	620
				620	
AD 7	71-K-594	0.43	165	650	640
				630	

METHODS:

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Sb by G.R.C. No. 8
As by G.R.C. No. 3
Ag by G.R.C. No. 101

Chief Chemist

File

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007588 PROJECT No.: EL. 7/68 - MONTEZUMA

LAB. SHEET No.: 852/1 SAMPLE TYPE: ROCK DATE: 19th November, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm	Cr ppm	Sn %
MZ 1	71-L-371	450		720	500			0.02
MZ 2	71-L-372	120		280	210			BLD
MZ 3	71-L-373		40	165	20	6	45	0.02
MZ 4	71-L-374		30	7100	600	38	55	0.14
WT 3125	71-L-375	60		185	420			0.02
MZ A	71-L-376		10	90	120	BLD	5	BLD
MZ 6	71-L-377	20		1000	20			0.53
MZ 7	71-L-378		30	1.98%	190	20	60	0.03
MZ 8	71-L-379		20	5950	235	26	40	0.03
MZ 10	71-L-380		20	19.7%	2.1%	37	35	0.06
MZ 13	71-L-381	275		1.10%	2300	85		BLD
MZ 14	71-L-382	605		8250	1200	47		BLD
MZ 15	71-L-383	250		1900	950			0.02
MZ 16	71-L-384	705		5200	2500			BLD
MZ 17	71-L-385	475		1.15%	2000	28		BLD
MZ 18	71-L-386	30		510	190			0.03
MZ 19	71-L-387	5		110	1800			0.02
MZ 20	71-L-388	30		950	1650			BLD

METHODS:

Cu, Ni, Pb, Zn, Ag by G.R.C. No. 1
Cr by G.R.C. No. 6
Sn by G.R.C. No. 5
B.L.D. = Below Limit of Detection

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. Ford

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007589 PROJECT No.: EL.7/68 - DUNDAS - MONTEZUMA GRID

LAB. SHEET No.: 861/1 SAMPLE TYPE: ROCK DATE: 3rd December, 1971.

SAMPLE No.	LAB. No.	Ni ppm	Pb ppm	Zn ppm	Sn ppm	Mo ppm	W ppm		
M2 22	71-L-601	25	1000	395	BLD				
M2 23	71-L-602	25	4000	825	BLD				
M2 24	71-L-603	20	670	620	BLD				
M2 25	71-L-604	15	280	130	BLD				
M2 27	71-L-605	120	180	170	BLD				
F1	71-L-606				0.02	BLD	BLD		

METHODS:

Ni, Pb, Zn by G.R.C. No. 1
Sn by G.R.C. No. 5 Mo by G.R.C. No. 2
W by G.R.C. No. 4
B.L.D. = Below Limit of Detection

NATA

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for Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007587 PROJECT No.: EL.7/68 - D.D.H. KHW5

LAB. SHEET No.: 862/2 SAMPLE TYPE: CORE DATE: 7th December, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Cr ppm	Sn %		
488' - 489'	71-L-366		320			220	0.01		
503' - 504'	71-L-367	10	840			0.56%	BLD		
543' - 544'	71-L-368	70	800			0.42%	0.01		
584'1"-585'9"	71-L-369		0.41%	0.20%	1400		0.02		
646' - 654'7"	71-L-370	10	0.70%	195	1250	1600	BLD		

Sample No. 646'-654'7" not marked on field sheets included by lab.

METHODS:

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Cu, Ni, Pb, Zn by G.R.C. No. 101
Cr by G.R.C. No. 106
Sn by G.R.C. No. 105
B.L.D. = Below Limit of Detection

R.W. Loughnan

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007590 PROJECT No. EL. 7/68 - DUNDAS - D.D.H. KHE2

LAB. SHEET No. 873/1 SAMPLE TYPE: CORE DATE: 22nd December, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Cd ppm	Sn %	Sb %	
222'0"-222'6"	71-M-91		2.9%	10.0%	12	600			
236'8"-237'0"	71-M-92		0.26%	1.50%		90			
238'0"-239'0"	71-M-93		0.22%	1.35%		80			
471'0"-471'6"	71-M-94		0.92%	2.4%		150	BLD		
621'0"-623'0"	71-M-95		1650	0.52%			BLD		
623'0"-625'0"	71-M-96		1.05%	2.0%	8	110	0.06		
625'0"-627'0"	71-M-97		5.8%	15.3%	50	860	0.04		
627'0"-631'0"	71-M-98		0.29%	0.56%			BLD	0.01	
731'4"-732'11"	71-M-99		1.55%	2.1%	34	100	BLD		
743'0"-743'2"	71-M-100		560	1650			BLD		
865'0"-866'0"	71-M-101	520	0.21%	10.8%		580			
964'7"-964'11"	71-M-102	60	230	1000					

METHODS:
Cu, Pb, Zn, Ag by G.R.C. No. 101
Cd by G.R.C. No. 107
Sn by G.R C. No. 105
Sb by G.R.C. No. 108
B.L.D. = Below Limit of Detection

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007591 PROJECT No. EL. 7/68 - DUNDAS - CARBINE WEST GRID

LAB. SHEET No. 873/2 SAMPLE TYPE: SOIL PROFILE DATE: 22nd December, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm			
36N/00	71-M-103	55	10	30	20	BLD			
36N/0.5W	71-M-104	2	10	10	15	BLD			
36N/1.0W	71-M-105	BLD	5	30	20	BLD			
36N/1.5W	71-M-106	BLD	5	25	10	BLD			
36N/2.0W	71-M-107	BLD	5	10	10	BLD			
36N/2.5W	71-M-108	BLD	5	35	10	BLD			
36N/3.0W	71-M-109	95	5	15	10	BLD			
36N/3.5W	71-M-110	20	25	30	10	1			
36N/4.0W	71-M-111	90	10	50	25	1			
36N/4.5W	71-M-112	10	5	25	10	BLD			
36N/5.0W	71-M-113	2	5	5	5	BLD			
36N/5.5W	71-M-114	20	5	35	10	1			
36N/6.0W	71-M-115	10	10	80	10	1			
36N/7.0W	71-M-116	10	15	140	105	1			
36N/7.5W	71-M-117	110	20	105	35	1			
36N/8.0W	71-M-118	10	10	40	10	BLD			
36N/8.5W	71-M-119	10	10	170	15	1			
36N/9.0W	71-M-120	20	10	595	40	2			
36N/9.5W	71-M-121	BLD	5	330	5	BLD			
36N/10.0W	71-M-122	5	BLD	5	5	BLD			
36N/10.5W	71-M-123	10	10	115	75	1			
36N/11.0W	71-M-124	2	5	10	10	BLD			
36N/11.5W	71-M-125	BLD	5	10	10	BLD			
36N/12.0W	71-M-126	BLD	BLD	10	5	1			
36N/12.5W	71-M-127	5	5	20	10	BLD			
36N/13.0W	71-M-128	5	BLD	20	10	BLD			
36N/13.5W	71-M-129	BLD	BLD	10	10	1			
36N/14.0W	71-M-130	BLD	BLD	5	10	BLD			
36N/14.5W	71-M-131	25	10	30	10	1			
36N/15.0W	71-M-132	10	5	15	10	BLD			
36N/15.5W	71-M-133	10	10	100	15	1			
36N/16.0W	71-M-134	30	10	145	25	1			
36N/16.5W	71-M-135	5	10	90	10	1			
36N/17.0W	71-M-136	15	10	180	60	1			
36N/17.5W	71-M-137	5	10	70	15	1			
36N/18.0W	71-M-138	40	15	90	50	1			
36N/18.5W	71-M-139	10	10	150	20	2			
36N/19.0W	71-M-140	BLD	10	455	10	1			
36N/19.5W	71-M-141	20	20	130	80	1			
36N/20.0W	71-M-142	45	45	180	60	2			
36N/20.5W	71-M-143	5	30	60	80	1			
36N/21.0W	71-M-144	35	35	170	80	1			
36N/21.5W	71-M-145	5	70	45	120	1			
36N/22.0W	71-M-146	10	65	35	125	1			
36N/22.5W	71-M-147	10	35	30	75	BLD			
36N/23.0W	71-M-148	135	900	605	470	2			

METHODS:

Cu, Ni, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007591/2 PROJECT No.: EL.7/68 - DUNDAS - CARBINE WEST GRID

LAB. SHEET No.: 873/3 SAMPLE TYPE: SOIL PROFILE DATE: 22nd December, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm			
36N/23.5W	71-M-149	100	1600	800	560	2			
36N/24.0W	71-M-150	40	70	555	80	1			
36N/24.5W	71-M-151	35	115	340	175	1			
36N/25.0W	71-M-152	20	65	60	100	1			
36N/25.5W	71-M-153	5	30	20	30	BLD			
36N/26.0W	71-M-154	10	5	10	15	BLD			
36N/26.5W	71-M-155	35	110	55	115	2			
36N/27.0W	71-M-156	85	180	20	110	1			
36N/27.5W	71-M-157	95	80	25	50	1			
36N/28.0W	71-M-158	30	45	40	35	1			
36N/28.5W	71-M-159	15	70	20	30	1			
36N/29.0W	71-M-160	20	295	40	60	1			
36N/29.5W	71-M-161	10	3200	80	190	1			
36N/30.0W	71-M-162	5	10	20	20	2			
36N/30.5W	71-M-163	15	40	60	40	4			
36N/30.77W	71-M-164	10	30	30	35	2			
36.5N/C/L	71-M-165	10	5	10	15	BLD			

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007971 PROJECT No.: EL.7/68 - DUNDAS - CARBINE WEST

LAB. SHEET No.: 874/1 SAMPLE TYPE: SOIL PROFILE DATE: 22nd December, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm			
37N/BASE	71-M-567	BLD	BLD	10	10	BLD			
37N/BASE LINE	71-M-568	BLD	BLD	10	10	BLD			
37N/0.5W	71-M-569	BLD	5	10	5	BLD			
37N/1W	71-M-570	BLD	BLD	10	10	BLD			
37N/1.5W	71-M-571	BLD	BLD	10	5	BLD			
37N/2W	71-M-572	BLD	5	15	10	BLD			
37N/2.5W	71-M-573	BLD	5	25	5	BLD			
37N/3W	71-M-574	BLD	BLD	30	10	BLD			
37N/3.5W	71-M-575	BLD	BLD	45	10	1			
37N/4W	71-M-576	5	5	40	10	1			
37N/4.5W	71-M-577	BLD	10	20	10	1			
37N/5W	71-M-578	5	5	30	10	BLD			
37N/5.5W	71-M-579	5	5	60	15	BLD			
37N/6W	71-M-580	BLD	5	60	20	BLD			
37N/6.5W	71-M-581	BLD	5	70	25	BLD			
37N/7W	71-M-582	40	145	170	145	1			
37N/7.5W	71-M-583	BLD	BLD	35	10	BLD			
37N/8W	71-M-584	BLD	BLD	45	5	BLD			
37N/8.5W	71-M-585	30	BLD	35	10	1			
37N/9W	71-M-586	10	BLD	150	105	BLD			
37N/9.5W	71-M-587	BLD	BLD	10	30	BLD			
37N/10W	71-M-588	60	5	70	30	BLD			
37N/10.5W	71-M-589	10	5	30	10	1			
37N/11W	71-M-590	50	10	45	30	1			
37N/11.5W	71-M-591	BLD	BLD	30	5	BLD			
37N/12W	71-M-592	BLD	BLD	20	5	BLD			
37N/12.5W	71-M-593	BLD	BLD	40	15	BLD			
37N/13W	71-M-594	BLD	BLD	25	5	BLD			
37N/13.5W	71-M-595	BLD	BLD	30	5	BLD			
37N/14W	71-M-596	BLD	BLD	20	5	BLD			
37N/14.5W	71-M-597	25	10	60	60	1			
37N/15W	71-M-598	BLD	5	20	5	1			
37N/15.5W	71-M-599	BLD	BLD	50	10	BLD			
37N/16W	71-M-600	10	5	100	20	1			
37N/16.5W	71-M-601	20	20	220	100	1			
37N/17W	71-M-602	35	20	790	75	3			
37N/17.5W	71-M-603	5	10	170	20	1			
37N/18W	71-M-604	25	15	1000	85	3			
37N/18.5W	71-M-605	185	100	630	1250	3			
37N/19W	71-M-606	BLD	15	130	10	1			
37N/19.5W	71-M-607	20	75	70	40	1			
37N/20W	71-M-608	10	20	170	70	BLD			
37N/20.5W	71-M-609	10	20	250	80	1			
37N/21W	71-M-610	5	35	230	70	BLD			
37N/21.5W	71-M-611	BLD	15	20	50	BLD			
37N/22W	71-M-612	5	40	40	85	BLD			

METHODS:

Cu, Ni, Pb, Zn, Ag by G.R.C. No. 1
B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007971 PROJECT No. EL.7/68 - DUNDAS- CARBINE WEST

LAB. SHEET No.: 874/2 SAMPLE TYPE: SOIL PROFILE DATE: 22nd December, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm			
37N/22.5W	71-M-613	10	70	40	120	1			
37N/23W	71-M-614	50	1700	75	270	2			
37N/23.5W	71-M-615	70	85	60	50	1			
37N/24W	71-M-616	50	100	30	45	2			
37N/24.5W	71-M-617	50	180	25	50	2			
37N/25W	71-M-618	130	100	50	50	1			
37N/25.5W	71-M-619	330	210	70	130	2			
37N/26W	71-M-620	45	75	250	90	1			
37N/26.5W	71-M-621	35	90	510	100	1			
37N/27W	71-M-622	20	40	400	70	1			
37N/27.5W	71-M-623	40	120	310	190	1			
37N/28W	71-M-624	20	45	340	80	1			
37N/28.5W	71-M-625	20	50	80	55	1			
37N/29W	71-M-626	40	90	230	165	1			
37N/29.5W	71-M-627	30	140	25	90	BLD			
37N/30.40W	71-M-628	20	160	45	100	1			
37.29N/30W	71-M-629	10	2000	40	230	2			
5N/30.77W	71-M-630	5	10	30	20	1			

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007594 PROJECT No.: EL.7/68 - DUNDAS - CARBINE WEST GRID

LAB. SHEET No.: 875/1 SAMPLE TYPE: SOIL PROFILE DATE: 22nd December, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
4ON/0.5W	71-M-225	BLD	BLD	20	5	BLD
4ON/1W	71-M-226	BLD	5	15	10	BLD
4ON/1.5W	71-M-227	BLD	BLD	15	10	BLD
4ON/2W	71-M-228	BLD	BLD	5	5	BLD
4ON/2.5W	71-M-229	BLD	BLD	10	10	BLD
4ON/3W	71-M-230	BLD	5	20	15	BLD
4ON/3.5W	71-M-231	20	5	30	25	BLD
4ON/4W	71-M-232	10	5	90	50	BLD
4ON/4.5W	71-M-233	2	BLD	55	15	BLD
4ON/5W		NO	SAMPLE			
4ON/5.5W	71-M-234	2	BLD	15	10	BLD
4ON/6W	71-M-235	10	5	10	15	BLD
4ON/6.5W	71-M-236	5	BLD	15	5	BLD
4ON/7W	71-M-237	BLD	BLD	20	10	BLD
4ON/7.5W	71-M-238	BLD	5	20	10	BLD
4ON/8W	71-M-239	20	5	165	70	1
4ON/8.5W	71-M-240	5	BLD	160	15	BLD
4ON/9W	71-M-241	25	10	105	35	1
4ON/9.5W	71-M-242	20	10	60	35	BLD
4ON/10W	71-M-243	20	15	65	30	BLD
4ON/10.5W	71-M-244	60	50	65	75	1
4ON/11W	71-M-245	35	30	40	45	1
4ON/11.5W	71-M-246	90	45	35	45	1
4ON/12W	71-M-247	120	55	70	35	1
4ON/12.5W	71-M-248	130	75	50	50	2
4ON/13W	71-M-249	25	20	175	55	1
4ON/13.5W	71-M-250	40	20	490	50	1
4ON/14W	71-M-251	40	40	190	25	1
4ON/14.5W	71-M-252	60	45	430	40	2
4ON/15W	71-M-253	80	110	170	110	2
4ON/15.5W	71-M-254	15	25	580	30	1
4ON/16W	71-M-255	30	55	1500	120	2
4ON/16.5W	71-M-256	25	60	605	150	3
4ON/17W	71-M-257	65	10	4000	55	1
4ON/17.5W	71-M-258	25	15	1050	40	1
4ON/18W	71-M-259	20	15	290	30	1
4ON/18.5W	71-M-260	20	40	140	95	1
4ON/19W	71-M-261	15	35	150	65	1
4ON/19.5W	71-M-262	30	105	405	225	1
4ON/20W	71-M-263	5	5	25	10	BLD
4ON/20.5W	71-M-264	5	25	20	30	BLD
4ON/21W	71-M-265	BLD	25	15	25	BLD
4ON/21.5W	71-M-266	5	45	20	115	BLD
4ON/22W	71-M-267	5	10	10	40	BLD
4ON/22.5W	71-M-268	20	25	95	35	1
4ON/23W	71-M-269	30	25	30	30	1

METHODS:

Cu, Ni, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007594 PROJECT No.: EL.7/68 - DUNDAS - CARBINE WEST GRID

LAB. SHEET No.: 875/2 SAMPLE TYPE: SOIL PROFILE DATE: 22nd December, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm
40N/23.5W	71-M-270	20	20	25	20	BLD
40N/24W	71-M-271	30	60	30	35	1
40N/24.5W	71-M-272	40	135	20	75	1
40N/25W	71-M-273	45	30	15	25	1
40N/25.5W	71-M-274	15	25	25	40	2
40N/26.5W	71-M-275	35	20	50	45	1
40N/27W	71-M-276	20	35	40	35	1
40N/27.5W	71-M-277	10	60	25	40	1
40N/28W	71-M-278	20	120	45	45	2
40N/28.5W	71-M-279	30	110	30	50	1
40N/29W	71-M-280	55	240	85	140	2
40N/29.5W	71-M-281	20	80	70	70	1
42N/0.5W	71-M-282	5	10	20	20	1
42N/1W	71-M-283	2	5	10	5	BLD
42N/1.5W	71-M-284	15	15	25	20	1
42N/2W	71-M-285	10	10	25	10	1
42N/2.5W	71-M-286	BLD	5	15	10	BLD
42N/3W	71-M-287	BLD	5	20	15	BLD
42N/3.5W	71-M-288	BLD	5	15	10	BLD
42N/4W	71-M-289	10	35	110	55	1
42N/4.5W	71-M-290	70	65	200	130	2
42N/5W	71-M-291	2	5	30	20	1
42N/5.5W	71-M-292	160	10	75	185	1
42N/6W	71-M-293	2	5	30	20	1
42N/6.5W	71-M-294	60	20	65	35	2
42N/7W	71-M-295	70	50	50	50	2
42N/7.5W	71-M-296	60	55	50	40	3
42N/8W	71-M-297	80	80	55	60	3
42N/8.5W	71-M-298	280	130	30	265	3
42N/9W	71-M-299	80	25	55	105	2
42N/9.5W	71-M-300	30	40	175	120	1
42N/10W	71-M-301	20	5	70	45	1
42N/10.5W	71-M-302	55	15	95	140	2
42N/11W	71-M-303	BLD	5	30	10	1
42N/11.5W	71-M-304	BLD	BLD	10	5	BLD
42N/12W	71-M-305	BLD	5	5	15	BLD
42N/12.5W	71-M-306	BLD	BLD	5	5	BLD
42N/13W	71-M-307	90	60	95	80	3
42N/13.5W	71-M-308	35	20	300	60	2
42N/14W	71-M-309	60	75	290	90	3
42N/14.5W	71-M-310	55	110	45	85	2
42N/15W	71-M-311	30	85	90	80	2
42N/15.5W	71-M-312	40	80	80	65	2
42N/16W	71-M-313	60	30	230	45	2
42N/16.5W	71-M-314	35	65	245	65	2
42N/17W	71-M-315	55	175	165	265	2

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007595/6 PROJECT No.: EL.7/68 - CARBINE WEST GRID

LAB. SHEET No.: 875/3 SAMPLE TYPE: SOIL PROFILE DATE: 22nd December, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm			
42N/17.5W	71-M-316	30	110	280	270	3			
42N/18W	71-M-317	20	50	160	85	2			
42N/18.5W	71-M-318	10	35	150	55	2			
42N/19W	71-M-319	25	170	310	460	2			
42N/19.5W	71-M-320	10	560	100	720	1			
42N/20W	71-M-321	25	65	115	80	2			
42N/20.5W	71-M-322	10	95	85	135	1			
42N/21W	71-M-323	120	1100	540	520	2			
42N/22W	71-M-324	60	50	50	40	2			
42N/21.5W	71-M-325	10	40	45	50	1			
42N/22.5W	71-M-326	30	40	65	60	2			
42N/23W	71-M-327	95	45	50	70	2			
42N/23.5W	71-M-328	85	75	40	70	2			
42N/24W	71-M-329	80	55	45	60	2			
42N/24.5W	71-M-330	80	65	60	75	2			
42N/25W	71-M-331	55	45	30	45	3			
42N/25.5W	71-M-332	25	45	35	60	2			
42N/26W	71-M-333	195	35	40	75	2			
42N/26.5W	71-M-334	250	70	55	90	3			
42N/27W	71-M-335	145	190	35	65	2			
42N/27.5W	71-M-336	175	75	35	40	2			
42N/28W	71-M-337	250	60	40	30	3			
42N/28.5W	71-M-338	95	240	45	80	3			
42N/29W	71-M-339	35	125	35	70	1			
44N/0.5W	71-M-340	10	5	50	35	1			
44N/1W	71-M-341	2	BLD	25	15	BLD			
44N/1.5W	71-M-342	BLD	5	20	20	BLD			
44N/2W	71-M-343	2	5	25	35	BLD			
44N/2.5W	71-M-344	2	5	30	30	1			
44N/3.5W	71-M-345	30	10	980	290	1			
44N/4W	71-M-346	15	5	330	30	1			
44N/4.5W	71-M-347	15	5	600	75	2			
44N/5W	71-M-348	10	5	175	35	1			
44N/5.5W	71-M-349	10	5	175	25	1			
44N/6W	71-M-350	25	5	320	75	1			
44N/6.5W	71-M-351	30	25	110	40	1			
44N/7W	71-M-352	10	BLD	25	15	BLD			
44N/7.5W	71-M-353	15	10	30	35	BLD			
44N/8W	71-M-354	30	25	70	35	1			
44N/8.5W	71-M-355	30	20	175	45	1			
44N/9W	71-M-356	55	60	65	85	2			
44N/9.5W	71-M-357	80	50	75	120	1			
44N/10W	71-M-358	45	35	90	55	1			
44N/10.5W	71-M-359	35	40	110	50	1			
44N/11W	71-M-360	45	80	50	70	1			
44N/11.5W	71-M-361	50	30	85	50	1			

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007596/7 PROJECT No.: EL.7/68 - DUNDAS - CARBINE WEST GRID

LAB. SHEET No.: 875/4 SAMPLE TYPE: SOIL PROIL DATE: 22nd December, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm			
44N/12W	71-M-362	75	35	120	55	1			
44N/12.5W	71-M-363	80	50	65	45	2			
44N/13W	71-M-364	40	30	80	80	1			
44N/13.5W	71-M-365	90	65	150	75	2			
44N/14W	71-M-366	40	65	300	185	2			
44N/14.5W	71-M-367	35	35	120	40	1			
44N/15W	71-M-368	25	50	620	55	1			
44N/15.5W	71-M-369	20	40	1900	55	1			
44N/16W	71-M-370	30	40	430	75	1			
44N/16.5W	71-M-371	20	70	340	140	1			
44N/17W	71-M-372	15	20	30	20	BLD			
44N/17.5W	71-M-373	20	90	295	235	1			
44N/18W	71-M-374	15	40	265	80	1			
44N/18.5W	71-M-375	15	70	320	120	1			
44N/19W	71-M-376	20	640	420	520	1			
44N/19.5W	71-M-377	30	95	340	140	1			
44N/21W	71-M-378	30	80	60	80	1			
44N/21.5W	71-M-379	25	20	45	50	1			
44N/22W	71-M-380	60	30	65	45	1			
44N/22.5W	71-M-381	10	10	30	15	1			
44N/23W	71-M-382	65	55	35	50	1			
44N/23.5W	71-M-383	35	25	45	40	1			
44N/24W	71-M-384	165	50	40	60	1			
44N/24.5W	71-M-385	110	50	40	45	2			
44N/25W	71-M-386	90	40	50	40	2			
44N/25.5W	71-M-387	65	35	35	40	1			
44N/26W	71-M-388	45	25	20	20	1			
44N/26.5W	71-M-389	20	15	15	15	1			
44N/27W	71-M-390	35	30	1700	330	2			
44N/27.5W	71-M-391	35	100	50	90	1			
44N/28W	71-M-392	30	80	60	45	1			
44N/29W	71-M-393	50	370	35	110	1			
44N/29.9W	71-M-394	45	75	85	70	1			
46N/0.5W	71-M-395	20	10	115	75	1			
46N/1W	71-M-396	20	10	60	75	2			
46N/1.5W	71-M-397	180	25	115	80	1			
46N/2W	71-M-398	30	10	420	70	1			
46N/2.5W	71-M-399	35	30	460	600	1			
46N/3W	71-M-400	50	20	1200	760	1			
46N/3.5W	71-M-401	30	5	260	85	2			
46N/4W	71-M-402	10	5	65	15	BLD			
46N/4.5W	71-M-403	265	30	1150	470	1			
46N/5W	71-M-404	60	15	0.34%	200	2			
46N/5.5W	71-M-405	50	25	700	80	2			
46N/6W	71-M-406	50	50	75	75	2			
46N/6.5W	71-M-407	80	45	105	60	2			

METHODS:

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007597/ 8 PROJECT No. EL. 7/68 - DUNDAS - CARBINE WEST GRID

LAB. SHEET No.: 875/5 SAMPLE TYPE: SOIL PROFILE DATE: 22nd December, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Ag ppm			
46N/7W	71-M-408	135	70	110	85	2			
46N/7.5W	71-M-409	180	65	110	100	2			
46N/8W	71-M-410	120	75	90	75	2			
46N/8.5W	71-M-411	85	95	110	105	2			
46N/9W	71-M-412	60	80	65	75	2			
46N/9.5W	71-M-413	85	50	105	80	2			
46N/10W	71-M-414	135	70	90	100	2			
46N/10.5W	71-M-415	45	30	110	70	1			
46N/11W	71-M-416	60	80	140	135	2			
46N/11.5W	71-M-417	250	310	65	165	3			
46N/12W	71-M-418	145	135	75	105	2			
46N/12.5W	71-M-419	50	55	130	75	1			
46N/13W	71-M-420	80	155	185	180	1			
46N/13.5W	71-M-421	80	30	0.76%	80	1			
46N/14W	71-M-422	260	30	0.52%	245	2			
46N/14.5W	71-M-423	45	45	0.23%	250	3			
46N/15W	71-M-424	25	80	1100	160	2			
46N/15.5W	71-M-425	150	0.27%	0.24%	0.62%	2			
46N/16W	71-M-426	210	1200	0.25%	0.43%	4			
46N/16.5W	71-M-427	30	40	1200	100	2			
46N/17W	71-M-428	50	90	1600	245	2			
46N/17.5W	71-M-429	45	40	80	75	1			
46N/18W	71-M-430	50	85	80	80	2			
46N/18.5W	71-M-431	25	150	115	90	1			
46N/19W	71-M-432	50	430	120	150	1			
46N/19.5W	71-M-433	70	700	40	140	1			
46N/20W	71-M-434	35	105	35	35	1			
46N/20.5W	71-M-435	10	55	35	20	1			
46N/21W	71-M-436	95	220	40	85	2			
46N/21.5W	71-M-437	65	250	45	65	2			
46N/22W	71-M-438	60	205	35	45	2			
46N/22.5W	71-M-439	45	100	30	25	2			
46N/23W	71-M-440	25	160	30	35	2			
46N/23.5W	71-M-441	20	70	50	30	1			
46N/24W	71-M-442	30	65	45	25	1			
46N/24.5W	71-M-443	170	290	40	75	2			
46N/25W	71-M-444	20	100	30	40	1			
46N/25.5W	71-M-445	85	230	30	35	2			
46N/26W	71-M-446	40	100	25	20	1			
46N/26.5W	71-M-447	80	110	25	25	1			
46N/27W	71-M-448	25	80	30	20	1			
46N/27.5W	71-M-449	40	135	75	50	1			
46N/28W	71-M-450	20	170	30	55	1			

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007705 PROJECT No.: EL.7/68 - DUNDAS - CARBINE GRID

LAB. SHEET No.: 879/1 SAMPLE TYPE: ROCK DATE: 23rd December, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm
ADT 3	71-M-660	10	1650	2800	4
ADT 4	71-M-661	220	3400	1200	5
ADT 5	71-M-662	170	1000	1370	4
ADT 6	71-M-663	275	505	1240	5
ADT 7	71-M-664	90	125	1130	8
ADT 8	71-M-665	215	4000	1.76%	18
ADT 9	71-M-666	120	7000	1.28%	8
ADT 10	71-M-667	140	2900	1960	6
ADT 11	71-M-668	140	270	2800	15
ADT 12	71-M-669	640	3250	1570	18
WC A 37.5	71-M-670	85	140	245	4
WC A 42	71-M-671	50	1700	2600	6
WC A 50	71-M-672	2	400	590	3
WC A 54	71-M-673	35	30	165	2
WC D 42	71-M-674	35	900	2600	4
WC E 42	71-M-675	90	2200	3200	4
WC E 46	71-M-676	130	5300	1.88%	18
WC F 42	71-M-677	180	4950	2300	4
WC G 37.5	71-M-678	150	1800	5600	6
WC G 42	71-M-679	160	1900	3900	4
WC H 37.5	71-M-680	130	2300	1650	4
WC H 42	71-M-681	80	950	2800	5
WC I 37.5	71-M-682	1475	3.9%	4200	3
WC I 46	71-M-683	50	445	1210	6
WC J 37.5	71-M-684	290	690	1610	3
WC K 37.5	71-M-685	285	9400	1600	4
WG 50	71-M-686	45	85	350	2
ECA	71-M-687	755	215	850	3

METHODS:

Cu, Pb, Zn, Ag by G.R.C. No. 1

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007713 PROJECT No.: EL.7/68 - CARBINE WEST

LAB. SHEET No.: 882/1 SAMPLE TYPE: SOIL PROFILE DATE: 4th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
48N 0.5W	71-M-849	10	25	15	290	55	2		
48N 1.0W	71-M-850	10	10	15	275	30	1		
48N 1.5W	71-M-851	20	15	30	780	120	1		
48N 2.0W	71-M-852	110	50	55	0.35%	0.21%	3		
48N 2.5W	71-M-853	30	15	15	380	60	2		
48N 3.0W	71-M-854	15	10	10	210	20	2		
48N 3.5W	71-M-855	20	10	20	500	35	2		
48N 4.0W	71-M-856	20	10	15	820	40	1		
48N 4.5W	71-M-857	50	30	50	1050	270	3		
48N 5.0W	71-M-858	70	50	55	300	150	3		
48N 5.5W	71-M-859	45	40	35	290	185	3		
48N 6.0W	71-M-860	60	55	75	190	135	2		
48N 6.5W	71-M-861	60	60	40	60	80	2		
48N 7.0W	71-M-862	95	60	25	170	100	2		
48N 7.5W	71-M-863	40	30	15	80	45	2		
48N 8.0W	71-M-864	110	65	30	110	85	2		
48N 8.5W	71-M-865	80	50	20	135	70	2		
48N 9.0W	71-M-866	110	70	30	100	85	3		
48N 9.5W	71-M-867	70	50	60	260	120	2		
48N 10.0W	71-M-868	120	75	60	580	200	2		
48N 10.5W	71-M-869	85	45	45	380	120	2		
48N 11.0W	71-M-870	65	50	20	145	130	2		
48N 11.5W	71-M-871	60	45	40	370	180	2		
48N 12.0W	71-M-872	30	70	25	820	240	2		
48N 12.5W	71-M-873	20	30	10	275	65	2		
48N 13.0W	71-M-874	20	25	10	145	50	1		
48N 13.5W	71-M-875	25	25	10	130	50	1		
48N 14.0W	71-M-876	75	50	15	185	95	2		
48N 14.5W	71-M-877	15	15	10	80	30	1		
48N 15.0W	71-M-878	20	20	10	100	40	1		
48N 15.5W	71-M-879	20	20	10	110	45	2		
48N 16.0W	71-M-880	50	250	80	1900	0.20%	6		
48N 16.5W	71-M-881	40	80	25	105	100	2		
48N 17.0W	71-M-882	10	15	10	55	45	1		
48N 17.5W	71-M-883	10	20	5	40	15	1		
48N 18.0W	71-M-884	35	50	10	30	20	1		
48N 18.5W	71-M-885	60	35	15	30	20	2		
48N 19.0W	71-M-886	60	40	15	30	25	2		
48N 19.5W	71-M-887	40	50	15	30	25	2		
48N 20.0W	71-M-888	20	30	10	25	15	1		
48N 20.5W	71-M-889	10	15	5	20	15	1		
48N 21.0W	71-M-890	20	30	10	20	20	1		
48N 21.5W	71-M-891	40	35	10	20	20	1		
48N 22.0W	71-M-892	25	20	10	25	20	1		
48N 22.5W	71-M-893	60	50	10	20	25	2		
48N 23.0W	71-M-894	55	70	20	20	35	2		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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Chief Chemist Ray W. Gerlach

File.

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007713/14 PROJECT No. EL.7/68 - CARBINE WEST

LAB. SHEET No. 882/2 SAMPLE TYPE: SOIL PROFILE DATE: 4th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
48N 23.5W	71-M-895	50	80	20	30	40	2		
48N 24.0W	71-M-896	40	65	15	20	30	1		
48N 24.5W	71-M-897	60	120	20	20	40	2		
48N 25.0W		S A M P L E M I S S I N G							
48N 25.5W	71-M-898	45	130	15	30	25	1		
48N 26.0W	71-M-899	10	30	5	15	10	1		
48N 26.5W	71-M-900	60	135	45	40	35	1		
48N 27.0W	71-M-901	35	80	20	30	30	1		
48N 27.5W	71-M-902	30	110	20	25	30	1		
48N 28.0W	71-M-903	20	65	20	25	25	1		
48N 28.5W	71-M-904	70	700	65	30	145	2		
48N 28.63W	71-M-905	50	560	55	40	130	2		
50N 0.5W	71-M-906	2	5	5	95	10	1		
50N 1.0W	71-M-907	5	10	5	160	5	1		
50N 1.5W	71-M-908	20	15	5	180	30	1		
50N 2.0W	71-M-909	10	10	5	180	10	1		
50N 2.5W	71-M-910	40	15	20	860	115	2		
50N 3.0W	71-M-911	40	20	25	740	90	1		
50N 3.5W	71-M-912	20	15	15	390	45	2		
50N 4.0W	71-M-913	25	55	20	160	85	2		
50N 4.5W	71-M-914	35	60	30	185	90	2		
50N 5.0W	71-M-915	35	30	20	280	110	2		
50N 5.5W	71-M-916	45	55	20	80	50	2		
50N 6.0W	71-M-917	25	30	10	75	35	1		
50N 6.5W	71-M-918	35	50	20	50	50	2		
50N 7.0W	71-M-919	95	60	25	90	75	2		
50N 7.5W	71-M-920	95	50	80	130	90	2		
50N 8.0W	71-M-921	55	50	20	60	60	2		
50N 8.5W	71-M-922	40	40	15	65	45	2		
50N 9.0W	71-M-923	20	30	15	220	60	2		
50N 9.5W	71-M-924	20	30	15	240	65	2		
50N 10.0W	71-M-925	20	25	10	370	55	1		
50N 10.5W	71-M-926	15	35	20	800	70	2		
50N 11.0W	71-M-927	10	20	20	460	60	2		
50N 11.5W	71-M-928	10	60	25	360	125	2		
50N 12.0W	71-M-929	30	80	55	800	305	3		
50N 12.5W	71-M-930	30	50	30	540	185	2		
50N 13.0W	71-M-931	20	35	20	220	90	1		
50N 13.5W	71-M-932	40	40	15	195	100	1		
50N 14.0W	71-M-933	30	30	10	120	65	1		
50N 14.5W	71-M-934	35	40	15	140	85	2		
50N 15.0W	71-M-935	15	40	15	100	45	2		
50N 15.5W	71-M-936	25	180	30	110	400	1		
50N 16.0W	71-M-937	15	360	30	50	140	2		
50N 16.5W	71-M-938	40	60	15	50	40	2		
50N 17.0W	71-M-939	30	40	10	35	20	1		

METHODS:

NATA

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007715/16/17 PROJECT No.: EL.7/68 - CARBINE WEST

LAB. SHEET No.: 882/3 SAMPLE TYPE: SOIL PROFILE DATE: 4th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
50N 17.5W	71-M-940	25	35	10	40	15	1		
50N 18.0W	71-M-941	25	30	10	45	20	1		
50N 18.5W	71-M-942	40	40	10	30	20	1		
50N 19.0W	71-M-943	40	50	10	25	30	2		
50N 19.5W	71-M-944	45	90	15	25	35	2		
50N 20.0W	71-M-945	25	30	10	30	20	1		
50N 20.5W	71-M-946	40	55	15	25	30	2		
50N 21.0W	71-M-947	15	20	10	25	15	1		
50N 21.5W	71-M-948	20	35	10	30	20	1		
50N 22.0W	71-M-949	35	50	10	35	25	2		
50N 22.5W	71-M-950	40	85	15	20	30	2		
50N 23.0W	71-M-951	15	70	20	45	25	1		
50N 23.5W	71-M-952	30	85	15	25	25	2		
50N 24.0W	71-M-953	40	145	20	20	35	1		
50N 24.5W	71-M-954	20	125	15	30	30	1		
50N 25.0W	71-M-955	10	60	5	25	10	1		
50N 25.5W	71-M-956	20	65	5	60	35	BLD		
50N 26.0W	71-M-957	10	100	5	50	20	1		
50N 26.5W		S A M P L E			M I S S I N G				
50N 27.0W	71-M-958	10	40	5	30	15	1		
50N 27.5W	71-M-959	15	130	10	20	20	BLD		
50N 28.0W	71-M-960	10	45	10	20	15	1		
52N 0.5W	71-M-961	40	15	15	1150	105	2		
52N 1.0W	71-M-962	25	10	15	920	60	1		
52N 1.5W	71-M-963	15	10	10	640	50	2		
52N 2.0W	71-M-964	15	10	10	700	50	2		
52N 2.5W	71-M-965	80	30	30	1500	220	3		
52N 3.0W	71-M-966	80	30	30	1250	335	3		
52N 3.5W	71-M-967	160	30	40	0.32%	230	2		
52N 4.0W	71-M-968	155	35	45	0.35%	260	3		
52N 4.5W	71-M-969	85	30	25	1350	345	3		
52N 5.0W	71-M-970	40	100	30	100	90	3		
52N 5.5W	71-M-971	40	70	40	110	90	2		
52N 6.0W	71-M-972	40	35	15	115	55	2		
52N 6.5W	71-M-973	50	60	25	65	65	2		
52N 7.0W	71-M-974	40	40	15	65	50	2		
52N 7.5W	71-M-975	10	95	20	35	45	2		
52N 8.0W	71-M-976	5	25	5	35	25	1		
52N 8.5W	71-M-977	10	20	5	55	30	1		
52N 9.0W	71-M-978	10	30	10	50	25	2		
52N 9.5W	71-M-979	15	25	10	40	20	1		
52N 10.0W	71-M-980	30	45	15	225	55	2		
52N 10.5W		S A M P L E			M I S S I N G				
52N 11.0W	71-M-981	10	50	10	225	130	2		
52N 11.5W	71-M-982	10	80	10	100	115	2		
52N 12.0W	71-M-983	10	30	10	165	75	2		

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007717 PROJECT No.: EL.7/68 - CARBINE WEST

LAB. SHEET No.: 882/4 SAMPLE TYPE: SOIL PROF. DATE: 4th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
52N 12.5W	71-M-984	10	10	5	40	25	1		
52N 13.0W	71-M-985	10	10	5	50	40	1		
52N 13.5W	71-M-986	20	30	15	50	50	1		
52N 14.0W	71-M-987	35	220	70	45	155	2		
52N 14.5W	71-M-988	30	180	60	35	140	2		
52N 15.0W	71-M-989	55	330	100	50	200	2		
52N 15.5W	71-M-990	20	120	45	30	110	1		
52N 16.0W	71-M-991	5	40	25	20	100	1		
52N 16.5W	71-M-992	60	340	105	50	200	2		
52N 17.0W	71-M-993	5	45	30	20	120	1		
52N 17.5W	71-M-994	10	65	30	20	110	1		
52N 18.0W	71-M-995	2	40	40	15	130	1		
52N 18.5W	71-M-996	25	170	50	30	115	1		
52N 19.0W	71-M-997	50	320	100	40	190	2		
52N 19.5W	71-M-998	40	250	80	35	170	2		
52N 20.0W	71-M-999	45	360	50	40	220	1		
52N 20.5W	71-M-1000	35	260	40	35	170	1		
52N 21.0W	71-M-1001	45	380	45	40	210	1		
52N 21.5W	71-M-1002	40	320	40	40	180	1		
52N 22.0W	71-M-1003	5	20	10	30	40	BLD		
52N 22.5W	71-M-1004	2	30	30	20	120	1		
52N 23.0W	71-M-1005	BLD	30	40	10	140	1		
52N 23.5W	71-M-1006	2	20	25	15	95	1		
52N 24.0W	71-M-1007	BLD	20	25	15	90	BLD		
52N 24.5W	71-M-1008	2	20	20	25	80	BLD		
52N 25.0W	71-M-1009	5	35	25	25	105	1		
52N 25.5W	71-M-1010	5	30	30	40	115	1		
52N 26.0W	71-M-1011	BLD	20	25	20	90	1		
52N 26.5W	71-M-1012	5	20	20	20	95	1		
52N 27.0W	71-M-1013	2	30	20	30	85	1		
52N 27.5W	71-M-1014	2	30	25	30	85	1		
54N 0.5W	71-M-1015	20	55	50	1350	280	3		
54N 1.0W	71-M-1016	20	10	10	740	80	3		
54N 1.5W	71-M-1017	20	10	10	800	120	3		
54N 2.0W	71-M-1018	15	20	10	1200	150	2		
54N 2.5W	71-M-1019	15	15	10	1150	85	2		
54N 3.0W	71-M-1020	20	20	10	0.20%	130	2		
54N 3.5W	71-M-1021	20	55	20	225	130	2		
54N 4.0W	71-M-1022	40	60	30	185	200	2		
54N 4.5W	71-M-1023	20	80	25	130	130	2		
54N 5.0W	71-M-1024	30	75	30	370	120	1		
54N 5.5W	71-M-1025	35	70	20	60	60	2		
54N 6.0W	71-M-1026	40	90	25	50	80	2		
54N 6.5W	71-M-1027	20	20	20	65	40	1		
54N 7.0W	71-M-1028	45	55	20	150	120	2		
54N 7.5W	71-M-1029	65	70	30	260	225	2		

METHODS:

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007719/20 PROJECT No.: EL. 7/68 - CARBINE WEST

LAB. SHEET No.: 882/5 SAMPLE TYPE: SOIL PROF. DATE: 4th January, 1971.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
54N 8.0W	71-M-1030	60	100	50	100	150	2		
54N 8.5W	71-M-1031	40	90	55	65	90	2		
54N 9.0W	71-M-1032	55	135	65	200	210	2		
54N 9.5W	71-M-1033	25	65	15	115	90	2		
54N 10.0W	71-M-1034	10	60	10	115	85	2		
54N 10.5W	71-M-1035	10	65	15	60	45	2		
54N 11.0W	71-M-1036	5	70	10	45	35	1		
54N 11.5W	71-M-1037	5	105	10	30	40	2		
54N 12.0W	71-M-1038	15	195	20	45	85	2		
54N 12.5W	71-M-1039	15	80	15	50	55	2		
54N 13.0W	71-M-1040	10	50	10	70	40	1		
54N 13.5W	71-M-1041	40	95	25	230	140	2		
54N 14.0W	71-M-1042	50	45	10	220	210	1		
54N 14.5W	71-M-1043	50	230	25	330	480	3		
54N 15.0W	71-M-1044	65	200	65	520	300	2		
54N 15.5W	71-M-1045	60	150	80	180	225	2		
54N 16.0W	71-M-1046	60	70	30	110	105	2		
54N 16.5W	71-M-1047	60	65	150	125	125	2		
54N 17.0W	71-M-1048	15	15	10	70	35	1		
54N 17.5W	71-M-1049	40	25	10	150	70	1		
54N 18.0W	71-M-1050	35	45	15	30	40	1		
54N 18.5W	71-M-1051	105	75	25	40	85	1		
54N 19.0W	71-M-1052	40	55	10	35	60	2		
54N 19.5W	71-M-1053	20	125	20	80	65	2		
54N 20.0W	71-M-1054	30	25	20	190	120	1		
54N 20.5W	71-M-1055	105	175	25	210	220	2		
54N 21.0W	71-M-1056	40	370	160	50	125	1		
54N 21.5W	71-M-1057	60	330	30	95	125	2		
54N 22.0W	71-M-1058	30	45	10	100	90	1		
54N 22.5W	71-M-1059	30	15	10	70	60	1		
54N 23.0W	71-M-1060	40	35	10	70	65	1		
54N 23.5W	71-M-1061	10	15	5	50	25	1		
54N 24.0W	71-M-1062	30	20	10	40	20	2		
54N 24.5W	71-M-1063	30	20	10	55	25	2		
54N 25.0W	71-M-1064	45	30	10	60	55	1		
54N 25.5W	71-M-1065	70	300	125	100	140	2		
54N 26.0W	71-M-1066	45	65	25	130	140	2		
54N 26.5W	71-M-1067	40	40	15	75	60	1		
54N 27.0W	71-M-1068	35	45	20	40	60	1		
54N 27.3W	71-M-1069	50	35	30	120	120	1		

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007722 PROJECT No.: EL.7/68 - DUNDAS - CARBINE WEST

LAB. SHEET No.: 885/1 SAMPLE TYPE: SOIL PROFILE DATE: 6th January, 1972

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
57N + 0.5W	72-A-1	20	50	15	120	85	1
57N + 1.0W	72-A-2	15	35	10	95	60	1
57N + 1.5W	72-A-3	15	40	10	100	65	1
57N + 2.0W	72-A-4	10	90	10	80	90	2
57N + 2.5W	72-A-5	25	45	20	700	70	1
57N + 3.0W	72-A-6	15	110	10	90	95	1
57N + 3.5W	72-A-7	20	15	15	1850	50	1
57N + 4.0W	72-A-8	15	40	10	250	50	1
57N + 4.5W	72-A-9	20	40	10	65	30	1
57N + 5.0W	72-A-10	15	30	10	75	30	1
57N + 5.5W	72-A-11	40	50	15	90	50	2
57N + 6.0W		S A M P L E		M I S S I N G			
57N + 6.5W	72-A-12	10	10	5	120	35	1
57N + 7.0W	72-A-13	15	40	10	120	55	1
57N + 7.5W	72-A-14	15	20	5	220	55	1
57N + 8.0W	72-A-15	25	65	15	60	50	1
57N + 8.5W	72-A-16	20	50	15	55	40	1
57N + 9.0W	72-A-17	20	40	15	60	35	1
57N + 9.5W	72-A-18	25	45	20	80	40	1
57N + 10.0W	72-A-19	20	95	45	80	70	2
57N + 10.5W	72-A-20	25	50	15	45	45	1
57N + 11.0W	72-A-21	40	50	15	55	40	2
57N + 11.5W	72-A-22	30	50	10	45	35	1
57N + 12.0W	72-A-23	10	20	5	90	20	1
57N + 12.5W	72-A-24	5	15	5	45	10	1
57N + 13.0W	72-A-25	5	15	5	45	10	1
57N + 13.5W	72-A-26	5	15	5	30	10	1
57N + 14.0W	72-A-27	10	20	5	45	10	1
57N + 14.5W	72-A-28	10	35	10	70	25	1
57N + 15.0W		S A M P L E		M I S S I N G			
57N + 15.5W		S A M P L E		M I S S I N G			
57N + 16.0W	72-A-29	30	20	10	80	20	1
57N + 16.5W	72-A-30	20	40	10	45	35	2
57N + 17.0W	72-A-31	15	10	5	20	10	1
57N + 17.5W	72-A-32	20	30	10	40	20	1
57N + 18.0W		S A M P L E		M I S S I N G			
57N + 18.5W	72-A-33	25	60	15	40	30	1
57N + 19.0W	72-A-34	10	20	5	55	15	1
57N + 19.5W	72-A-35	45	40	10	55	30	2
57N + 20.0W		S A M P L E		M I S S I N G			
57N + 20.5W	72-A-36	10	25	5	50	10	1
57N + 21.0W	72-A-37	20	40	10	35	35	1
57N + 21.5W	72-A-38	15	20	5	30	10	1
57N + 22.0W	72-A-39	15	60	10	35	30	1
57N + 22.5W	72-A-40	20	35	10	40	30	1
57N + 23.0W		S A M P L E		M I S S I N G			

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007722/23/24 PROJECT No.: EL.7/68 - DUNDAS CARBINE WEST

LAB. SHEET No.: 8857/2 SAMPLE TYPE: SOIL PROF. DATE: 6th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
57N + 23.5W	72-A-41	20	25	10	55	20	1		
57N + 24.0W	72-A-42	50	50	20	60	50	2		
57N + 24.5W	72-A-43	55	50	15	60	45	1		
57N + 25.0W	72-A-44	30	35	10	55	30	1		
57N + 25.5W	72-A-45	50	70	20	70	50	2		
57N + 26.0W	72-A-46	30	45	10	65	25	1		
57N + 26.5W	72-A-47	30	25	10	55	20	1		
57N + 27.0W	72-A-48	15	25	5	35	15	1		
60N + 0.5W	72-A-49	20	20	15	65	20	1		
60N + 1.0W	72-A-50	20	15	10	60	15	1		
60N + 1.5W	72-A-51	70	35	20	90	30	1		
60N + 2.0W	72-A-52	20	20	10	50	15	1		
60N + 2.5W	72-A-53	45	60	15	60	40	1		
60N + 3.0W	72-A-54	15	45	10	75	30	1		
60N + 3.5W	72-A-55	5	40	10	65	30	1		
60N + 4.0W	72-A-56	10	65	10	60	25	1		
60N + 4.5W	72-A-57	5	50	10	40	25	1		
60N + 5.0W	72-A-58	2	40	10	35	15	1		
60N + 5.5W	72-A-59	2	55	10	40	20	1		
60N + 6.0W	72-A-60	2	20	5	35	10	1		
60N + 6.5W	72-A-61	5	75	10	50	35	1		
60N + 7.0W	72-A-62	5	30	5	60	25	1		
60N + 7.5W	72-A-63	5	70	10	75	50	1		
60N + 8.0W	72-A-64	10	75	15	90	40	1		
60N + 8.5W	72-A-65	5	60	10	30	25	1		
60N + 9.0W	72-A-66	25	75	20	50	40	1		
60N + 9.5W	72-A-67	10	30	10	35	15	1		
60N + 10.0W	72-A-68	5	20	10	30	20	1		
60N + 10.5W	72-A-69	10	35	10	30	20	1		
60N + 11.0W	72-A-70	5	145	20	35	95	1		
60N + 11.5W	72-A-71	10	50	10	40	55	1		
60N + 12.0W	72-A-72	20	150	20	50	80	2		
60N + 12.5W	72-A-73	35	80	15	60	50	1		
60N + 13.0W	72-A-74	20	50	15	45	35	1		
60N + 13.5W	72-A-75	20	70	20	55	55	2		
60N + 14.0W	72-A-76	40	35	15	80	40	1		
60N + 14.5W	72-A-77	45	75	20	60	80	2		
60N + 15.0W	72-A-78	35	40	15	90	80	1		
60N + 15.5W	72-A-79	35	30	10	90	50	1		
60N + 16.0W	72-A-80	35	55	15	50	35	1		
60N + 16.5W	72-A-81	55	65	20	55	65	2		
60N + 17.0W	72-A-82	45	50	15	50	35	2		
60N + 17.5W	72-A-83	60	55	20	50	45	2		
60N + 18.0W	72-A-84	55	65	20	50	60	1		
60N + 18.5W	72-A-85	90	55	20	55	80	2		
60N + 19.0W	72-A-86	70	60	20	50	75	1		

METHODS:

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007724/5 PROJECT No.: EL.7/68 - CARBINE WEST

LAB. SHEET No.: 885/3 SAMPLE TYPE: SOIL PROFILE DATE: 6th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
60N + 19.5W	72-A-87	50	35	15	65	50	2		
60N + 20.0W	72-A-88	55	45	15	50	50	1		
60N + 20.5W	72-A-89	100	75	25	55	75	2		
60N + 21.0W	72-A-90	55	45	20	50	45	1		
60N + 21.5W	72-A-91	115	55	20	95	70	2		
60N + 22.0W	72-A-92	25	70	20	40	50	1		
60N + 22.5W	72-A-93	35	45	20	50	50	1		
55.5N + B/L	72-A-94	20	65	25	190	135	2		
55.5N + 0.5W	72-A-95	20	60	20	195	140	2		
55.5N + 1.0W	72-A-96	10	140	20	75	185	2		
55.5N + 1.5W	72-A-97	15	50	20	180	120	2		
55.5N + 2.0W	72-A-98	10	75	15	80	120	1		
55.5N + 2.5W	72-A-99	15	70	15	120	110	1		
55.5N + 3.0W	72-A-100	10	150	25	80	190	2		
55.5N + 3.5W	72-A-101	10	85	15	75	120	2		
55.5N + 4.0W	72-A-102	10	20	5	110	45	1		
55.5N + 4.5W	72-A-103	15	55	10	70	60	1		
55.5N + 5.0W		S A M P L E		M I S S I N G					
55.5N + 5.5W	72-A-104	20	65	15	115	90	1		
55.5N + 6.0W	72-A-105	30	40	20	105	60	2		
55.5N + 6.5W	72-A-106	15	40	15	70	50	1		
55.5N + 7.0W	72-A-107	20	50	15	115	75	1		
55.5N + 7.5W	72-A-108	20	75	20	130	140	1		
55.5N + 8.0W	72-A-109	20	20	10	55	20	1		
55.5N + 8.5W	72-A-110	20	20	10	50	25	1		
55.5N + 9.0W	72-A-111	15	15	5	40	20	1		
55.5N + 9.5W	72-A-112	30	35	10	110	50	2		
55.5N + 10.0W	72-A-113	35	45	15	65	40	1		
55.5N + 10.5W	72-A-114	35	60	15	70	45	2		
55.5N + 11.0W	72-A-115	40	125	100	85	100	2		
55.5N + 11.5W	72-A-116	35	70	15	50	40	1		
55.5N + 12.0W	72-A-117	20	20	5	40	15	1		
55.5N + 12.5W	72-A-118	15	20	5	45	15	1		
55.5N + 13.0W	72-A-119	10	10	10	110	40	1		
55.5N + 13.5W	72-A-120	10	15	5	45	10	1		
55.5N + 14.0W	72-A-121	10	15	5	50	20	1		
55.5N + 14.5W	72-A-122	20	25	10	60	25	1		
55.5N + 15.0W	72-A-123	25	25	10	80	50	1		
55.5N + 15.5W		S A M P L E		M I S S I N G					
55.5N + 16.0W	72-A-124	30	30	10	55	40	1		
55.5N + 16.5W	72-A-125	30	15	5	150	70	1		
55.5N + 17.0W	72-A-126	20	20	15	35	25	1		
55.5N + 17.5W	72-A-127	15	15	5	25	10	1		
55.5N + 18.0W	72-A-128	25	35	10	45	35	1		
55.5N + 18.5W	72-A-129	35	40	10	60	40	1		
55.5N + 19.0W	72-A-130	5	15	5	25	15	1		

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007725/26 PROJECT No.: EL.7/68 - CARBINE WEST

LAB. SHEET No.: 885/4 SAMPLE TYPE: SOIL PROFILE DATE: 6th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
55.5N + 19.5W	72-A-131	15	10	BLD	75	30	1
55.5N + 20.0W	72-A-132	20	40	5	50	25	1
55.5N + 20.5W	72-A-133	30	50	10	100	45	1
55.5N + 21.0W	72-A-134	10	20	5	60	25	1
55.5N + 21.5W	72-A-135	10	15	5	30	15	1
55.5N + 22.0W	72-A-136	5	5	BLD	20	15	BLD
55.5N + 22.5W	72-A-137	10	10	BLD	25	10	1
55.5N + 23.0W	72-A-138	10	10	BLD	25	25	1
55.5N + 23.5W	72-A-139	50	50	35	75	60	1
55.5N + 24.0W	72-A-140	40	40	10	50	45	1
55.5N + 24.5W	72-A-141	105	75	20	50	75	1
55.5N + 25.0W	72-A-142	20	25	5	35	25	1
55.5N + 25.5W	72-A-143	20	20	5	50	25	1
55.5N + 26.0W	72-A-144	55	50	10	80	55	1

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007727 PROJECT No.: EL.7/68 - CARBINE WEST

LAB. SHEET No.: 888/1 SAMPLE TYPE: SOIL PROF. DATE: 17th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
66N/0.5W	72-A-135B	10	20	5	80	45	1		
66N/1.0W	72-A-136B	15	15	5	60	25	1		
66N/1.5W	72-A-137B	20	20	10	45	25	1		
66N/2.0W	72-A-138B	25	10	5	55	15	1		
66N/2.5W	72-A-139B	20	10	5	130	30	1		
66N/3.0W	72-A-140B	5	10	5	55	15	1		
66N/3.5W	72-A-141B	10	20	5	65	20	1		
66N/4.0W	72-A-142B	10	15	5	85	15	1		
66N/4.5W	72-A-143B	20	15	10	115	55	1		
66N/5.0W	72-A-144B	25	35	10	40	35	1		
66N/5.5W	72-A-145	20	25	10	115	65	1		
66N/6.0W	72-A-146	10	20	10	75	50	1		
66N/6.5W	72-A-147	25	25	5	90	50	1		
66N/7.0W	72-A-148	10	10	5	55	15	1		
66N/7.5W	72-A-149	50	40	15	100	70	1		
66N/8.0W	72-A-150	50	45	20	75	65	1		
66N/8.5W	72-A-151	20	20	10	75	30	1		
66N/9.0W	72-A-152	30	25	10	50	25	1		
66N/9.5W	72-A-153	25	25	10	60	20	1		
66N/10.0W	72-A-154	15	20	10	60	25	1		
66N/11.0W	72-A-155	20	35	10	30	40	1		
66N/11.5W	72-A-156	40	50	15	20	40	1		
66N/12.0W	72-A-157	45	65	15	15	45	1		
66N/12.5W	72-A-158	30	40	15	30	50	1		
66N/13.0W	72-A-159	60	45	35	70	80	2		
66N/13.5W	72-A-160	40	40	15	25	35	1		
66N/14.0W	72-A-161	40	40	15	35	35	1		
66N/14.5W	72-A-162	60	65	20	25	55	1		
66N/15.0W	72-A-163	60	60	35	45	100	2		
66N/15.5W	72-A-164	35	30	15	55	50	1		
66N/16.0W	72-A-165	40	30	10	40	40	1		
66N/16.5W	72-A-166	25	30	10	40	30	1		
66N/17.0W	72-A-167	30	25	10	50	30	1		
66N/17.5W	72-A-168	35	20	10	55	20	1		
66N/18.0W	72-A-169	25	20	5	30	20	1		
66N/18.5W	72-A-170	15	20	5	40	20	1		
66N/19.0W	72-A-171	20	30	10	50	45	1		
66N/19.5W	72-A-172	15	20	10	50	30	1		
66N/20.0W	72-A-173	20	20	5	50	35	1		
66N/20.5W	72-A-174	40	30	10	65	30	1		
66N/21.0W	72-A-175	40	30	10	60	35	1		
66N/21.5W	72-A-176	30	25	5	45	20	1		
66N/22.0W	72-A-177	45	30	10	45	35	1		
66N/22.5W	72-A-178	25	25	5	35	15	1		
66N/23.0W	72-A-179	30	25	5	35	20	1		
66N/23.5W		S A M P L E		M I S S I N G					

METHODS:
Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No.1

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for Chief Chemist

File.

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613230

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007727 PROJECT No.: EL. 7/68 - CARBINE WEST

LAB. SHEET No.: 888/2 SAMPLE TYPE: SOIL PROF. DATE: 17th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
66N/24.0W	72-A-180	20	20	5	35	15	1		
66N/24.5W	72-A-181	25	25	10	50	20	1		
66N/25.5W	72-A-182	15	20	10	35	15	1		
66N/26.0W	72-A-183	20	20	10	55	20	1		
58.5N/0.5W	72-A-184	20	45	10	45	30	1		
58.5N/1.0W	72-A-185	20	20	10	55	15	1		
58.5N/1.5W	72-A-186	20	20	10	55	20	1		
58.5N/2.0W	72-A-187	20	20	15	55	20	1		
58.5N/2.5W	72-A-188	20	20	10	60	20	1		
58.5N/3.0W	72-A-189	45	100	55	135	95	2		
58.5N/3.5W	72-A-190	30	25	10	40	20	1		
58.5N/4.0W	72-A-191	15	25	10	60	20	1		
58.5N/4.5W	72-A-192	25	40	15	65	35	1		
58.5N/5.0W	72-A-193	20	20	15	60	20	1		
58.5N/5.5W	72-A-194	30	30	10	45	30	1		
58.5N/6.0W	72-A-195	80	75	35	50	70	1		
58.5N/6.5W	72-A-196	5	55	10	40	20	1		
58.5N/7.0W	72-A-197	2	15	5	35	10	1		
58.5N/7.5W	72-A-198	10	35	10	60	20	1		
58.5N/8.0W	72-A-199	15	45	10	30	25	1		
58.5N/8.5W	72-A-200	20	115	20	70	85	1		
58.5N/9.0W	72-A-201	10	65	15	65	50	1		
58.5N/9.5W	72-A-202	25	70	20	70	55	1		
58.5N/10.0W	72-A-203	15	40	10	30	30	1		
58.5N/10.5W	72-A-204	70	95	25	25	55	1		
58.5N/11.0W	72-A-205	30	50	15	20	35	1		
58.5N/11.5W	72-A-206	20	30	10	35	25	1		
58.5N/12.0W	72-A-207	10	20	5	30	15	1		
58.5N/12.5W	72-A-208	10	10	5	40	15	1		
58.5N/13.0W	72-A-209	15	35	5	30	20	1		
58.5N/13.5W	72-A-210	10	150	20	30	65	1		
58.5N/14.0W	72-A-211	10	260	30	50	110	1		
58.5N/14.5W	72-A-212	30	740	65	30	215	1		
58.5N/15.0W	72-A-213	60	85	25	70	90	1		
58.5N/15.5W	72-A-214	60	60	20	25	35	1		
58.5N/16.0W	72-A-215	25	50	15	45	50	1		
58.5N/16.5W	72-A-216	30	75	15	30	35	1		
58.5N/17.0W	72-A-217	30	35	10	35	25	1		
58.5N/17.5W	72-A-218	20	30	10	20	15	1		
58.5N/18.0W	72-A-219	30	30	10	20	20	1		
58.5N/18.5W	72-A-220	20	30	10	20	20	1		
58.5N/19.0W	72-A-221	20	30	10	20	20	1		
58.5N/19.5W	72-A-222	30	55	15	25	45	1		
58.5N/20.0W	72-A-223	45	55	20	25	45	1		
58.5N/20.5W	72-A-224	25	35	10	40	25	1		
58.5N/21.0W	72-A-225	35	35	15	20	25	1		

METHODS:

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for Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007728/29/30 PROJECT No.: EL. 7/68 - CARBINE WEST

LAB. SHEET No.: 888/3 SAMPLE TYPE: SOIL PROFILE DATE: 17th January, 1972

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		pH
58.5N/21.5W	72-A-226	25	30	10	20	20	1		
58.5N/22.0W	72-A-227	35	25	15	30	25	1		
58.5N/22.5W	72-A-228	50	40	15	40	45	1		
58.5N/23.0W	72-A-229	35	20	10	40	30	1		
58.5N/23.5W	72-A-230	20	30	10	45	30	1		
58.5N/24.0W	72-A-231	30	65	10	65	30	1		
58.5N/24.5W	72-A-232	30	45	10	95	40	1		
58.5N/25.0W	72-A-233	40	30	10	75	45	1		
58.5N/25.5W	72-A-234	35	25	10	70	35	1		
58.5N/26.0W	72-A-235	65	30	10	65	50	1		
58.5N/26.5W	72-A-236	70	45	20	115	80	1		
58.5N/26.93W	72-A-237	50	55	20	55	80	2		
72N/B/L	72-A-238	15	15	10	70	35	1		
72N/0.5W	72-A-239	30	20	35	230	190	1		
72N/1.0W	72-A-240	10	15	10	50	30	1		
72N/1.5W	72-A-241	10	15	10	60	30	1		
72N/2.0W	72-A-242	20	20	20	95	55	1		
72N/2.5W	72-A-243	20	20	15	100	60	1		
72N/3.0W	72-A-244	20	20	15	100	65	1		
72N/3.5W	72-A-245	30	30	30	125	130	1		
72N/4.0W	72-A-246	30	35	30	125	140	1		
72N/4.5W	72-A-247	30	30	35	125	125	1		4.6
72N/5.0W	72-A-248	15	20	15	80	45	1		
72N/5.5W	72-A-249	25	15	20	210	110	1		
72N/6.0W	72-A-250	30	20	40	30	125	1		
72N/6.5W	72-A-251	35	15	25	330	140	1		
72N/7.0W	72-A-252	30	15	40	440	135	1		
72N/7.5W	72-A-253	5	5	5	30	15	BLD		
72N/8.0W	72-A-254	2	10	5	30	10	1		
72N/8.5W	72-A-255	2	10	5	25	10	1		
72N/9.0W	72-A-256	2	5	5	25	10	1		
72N/9.5W	72-A-257	5	10	10	20	20	1		3.5
72N/10.0W	72-A-258	2	10	10	15	15	1		
72N/10.5W	72-A-259	2	5	5	25	10	BLD		
72N/11.0W	72-A-260	5	15	5	15	20	BLD		
72N/11.5W	72-A-261	2	5	5	25	20	BLD		
72N/12.0W	72-A-262	2	10	5	15	10	1		
72N/12.5W	72-A-263	2	10	5	20	10	1		
72N/13.0W	72-A-264	2	10	10	20	15	1		
72N/13.5W	72-A-265	2	10	5	40	10	BLD		
72N/14.0W	72-A-266	10	15	5	65	15	1		
72N/14.5W	72-A-267	10	10	5	65	20	1		
72N/15.0W	72-A-268	10	10	5	60	15	1		
72N/15.5W	72-A-269	10	20	10	50	35	1		3.7
72N/16.0W	72-A-270	10	20	10	50	35	1		
72N/16.5W	72-A-271	10	20	10	50	35	1		

METHODS:

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c/s Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007730/31/ PROJECT No.: EL.7/68 - CARBINE WEST

LAB. SHEET No.: 888/4 32 SAMPLE TYPE: SOIL PROFILE DATE: 17th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		pH
72N/17.0W	72-A-272	10	20	10	50	40	1		
72N/17.5W	72-A-273	20	30	10	75	70	1		
72N/18.0W	72-A-274	25	30	15	85	75	1		
72N/18.5W	72-A-275	25	30	15	90	80	1		
72N/19.0W	72-A-276	25	30	15	90	80	1		
72N/19.5W	72-A-277	20	30	15	95	60	1		
72N/20.0W	72-A-278	20	25	15	85	55	1		
72N/20.5W	72-A-279	20	30	15	95	60	1		
72N/21.0W	72-A-280	20	30	15	90	55	1		
72N/21.5W	72-A-281	15	25	15	85	50	1		
72N/22.0W	72-A-282	25	40	25	60	70	1		
72N/22.5W	72-A-283	30	40	25	60	70	1		4.1
72N/23.0W	72-A-284	30	40	25	60	70	1		
72N/23.5W	72-A-285	30	40	25	70	80	1		
72N/24.0W	72-A-286	40	45	25	135	90	1		
72N/24.5W	72-A-287	40	45	30	125	95	1		4.1
72N/25.0W	72-A-288	35	40	25	110	95	1		
72N/25.5W	72-A-289	45	50	40	130	110	1		
64N/0.5W	72-A-290	60	60	20	60	65	1		
64N/1.0W	72-A-291	60	65	20	55	65	1		
64N/1.5W	72-A-292	30	15	10	70	30	1		
64N/2.0W	72-A-293	25	40	10	60	40	1		
64N/2.5W	72-A-294	25	20	10	75	20	1		
64N/3.0W	72-A-295	10	10	5	50	15	1		
64N/3.5W	72-A-296	5	10	5	20	10	BLD		
64N/4.0W	72-A-297	10	20	10	30	20	1		
64N/4.5W	72-A-298	5	15	5	40	10	1		
64N/5.0W	72-A-299	10	15	5	60	15	1		
64N/5.5W	72-A-300	20	40	10	70	50	1		
64N/6.0W	72-A-301	60	50	15	110	60	2		
64N/6.5W	72-A-302	80	80	20	100	175	1		
64N/7.0W	72-A-303	30	30	10	80	50	1		
64N/7.5W	72-A-304	20	20	10	95	40	1		
64N/8.0W	72-A-305	40	45	15	135	110	1		
64N/8.5W	72-A-306	60	30	15	125	80	2		
64N/9.0W	72-A-307	30	20	10	75	45	1		
64N/9.5W	72-A-308	65	30	20	150	65	2		
64N/10.0W	72-A-309	25	30	10	60	35	1		
64N/10.5W	72-A-310	20	30	10	60	30	1		
64N/11.0W	72-A-311	35	25	10	100	35	1		
64N/11.5W	72-A-312	20	15	10	60	20	1		
64N/12.0W	72-A-313	60	65	20	55	80	1		
64N/12.5W	72-A-314	60	60	20	50	65	1		
64N/13.0W	72-A-315	40	50	10	45	50	1		
64N/13.5W	72-A-316	30	40	15	25	35	1		
64N/14.0W	72-A-317	45	60	20	30	45	1		

METHODS:

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Chief Chemist

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613233

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007732 PROJECT No.: EL.7/68 - CARBINE WEST

LAB. SHEET No.: 888/5 SAMPLE TYPE: SOIL PROFILE DATE: 17th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
64N/14.5W	72-A-318	30	10	10	70	40	1		
64N/15.0W	72-A-319	30	50	15	60	50	1		
64N/15.5W	72-A-320	35	30	35	50	50	1		
64N/16.0W	72-A-321	35	35	30	45	50	1		
64N/16.5W	72-A-322	25	35	15	30	40	1		
64N/17.0W	72-A-323	30	20	10	30	35	1		
64N/17.5W	72-A-324	25	20	10	30	35	1		
64N/18.0W	72-A-325	60	70	20	35	70	2		
64N/18.5W	72-A-326	30	30	10	25	35	1		
64N/19.0W	72-A-327	20	25	10	30	25	1		
64N/19.5W	72-A-328	35	35	10	40	40	1		
64N/20.0W		S A M P L E M I S S I N G							
64N/20.5W	72-A-329	45	40	15	60	50	1		
64N/21.0W	72-A-330	40	30	10	60	35	1		
64N/21.5W	72-A-331	45	30	10	70	40	1		
64N/22.0W	72-A-332	35	25	10	60	25	1		
64N/22.5W	72-A-333	25	15	10	70	25	1		
64N/23.0W	72-A-334	15	15	10	30	10	1		
64N/23.5W	72-A-335	10	10	5	30	15	1		
64N/24.0W	72-A-336	25	15	10	20	15	1		
64N/24.5W	72-A-337	25	15	10	30	20	1		
64N/25.0W	72-A-338	30	25	10	30	30	1		
64N/25.5W	72-A-339	20	40	15	45	45	1		
64N/26.0W	72-A-340	15	30	10	40	35	1		
64N/26.5W	72-A-341	5	20	10	30	20	1		

METHODS:

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f/ Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007806 PROJECT No.: EL. 7/68 - DUNDAS CARBINE EAST

LAB. SHEET No.: 891/1 SAMPLE TYPE: SOIL PROFILE DATE: 25th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
57N/0.5E	72-A-1086	75	110	70	165	105	1		
57N/1.0E	72-A-1087	70	80	85	175	95	1		
57N/1.5E	72-A-1088	50	115	30	185	160	1		
57N/2.0E	72-A-1089	70	80	85	175	90	1		
57N/2.5E	72-A-1090	65	70	60	155	90	1		
57N/3.0E	72-A-1091	15	15	10	55	35	1		
57N/3.5E	72-A-1092	15	20	10	70	45	1		
57N/4.0E	72-A-1093	15	20	10	65	40	1		
57N/4.5E	72-A-1094	15	10	10	75	20	1		
57N/5.0E	72-A-1095	15	10	10	75	15	1		
57N/5.5E	72-A-1096	10	5	10	60	15	1		
57N/6.0E	72-A-1097	15	5	5	190	20	1		
57N/6.5E	72-A-1098	10	5	5	245	20	1		
57N/7.0E	72-A-1099	15	5	10	310	25	1		
57N/7.5E	72-A-1100	15	10	10	305	20	1		
57N/8.0E	72-A-1101	10	10	5	60	25	1		
57N/8.5E	72-A-1102	15	10	BLD	40	15	1		
57N/9.0E	72-A-1103	10	5	BLD	35	20	1		
57N/9.5E	72-A-1104	5	10	BLD	55	25	BLD		
57N/10.0E	72-A-1105	20	15	10	55	20	BLD		
57N/10.5E	72-A-1106	20	10	10	55	25	1		
57N/11.0E	72-A-1107	10	10	5	65	20	1		
57N/11.5E	72-A-1108	25	80	30	170	145	BLD		
57N/12.0E	72-A-1109	10	5	5	95	20	1		
57N/12.5E	72-A-1110	20	10	10	170	65	1		
57N/13.0E	72-A-1111	20	20	5	65	25	1		
57N/13.5E	72-A-1112	15	10	5	70	20	1		
57N/14.0E	72-A-1113	20	60	30	135	120	1		
57N/14.5E	72-A-1114	20	10	10	150	25	1		
57N/15.0E	72-A-1115	10	10	5	105	20	1		
57N/15.5E	72-A-1116	15	10	5	95	20	1		
57N/16.0E	72-A-1117	10	10	5	60	15	BLD		
57N/16.5E	72-A-1118	10	5	5	70	15	1		
57N/17.0E	72-A-1119	15	20	10	75	20	1		
57N/17.5E	72-A-1120	25	30	10	65	30	1		
57N/18.0E	72-A-1121	10	10	5	80	15	1		
57N/18.5E	72-A-1122	10	5	5	50	10	BLD		
57N/19.0E	72-A-1123	10	10	BLD	80	15	BLD		
57N/19.5E	72-A-1124	20	10	5	40	20	BLD		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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Chief Chemist

Ray W. Yeabsley

File

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007807 PROJECT No.: EL. 7/68 - DUNDAS - CARBINE EAST

LAB. SHEET No.: 891/2 SAMPLE TYPE: SOIL PROFILE DATE: 25th January, 1972

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
54N/0.5E	72-A-1125	40	15	10	90	40	1
54N/1.0E	72-A-1126	25	20	10	50	25	BLD
54N/1.5E	72-A-1127	10	5	5	35	5	BLD
54N/2.0E	72-A-1128	30	10	10	30	15	BLD
54N/2.5E	72-A-1129	90	55	30	120	70	1
54N/3.0E	72-A-1130	25	5	5	240	25	BLD
54N/3.5E	72-A-1131	10	5	5	20	20	BLD
54N/4.0E	72-A-1132	15	10	5	175	20	BLD
54N/4.5E	72-A-1133	20	5	5	320	20	1
54N/5.0E	72-A-1134	BLD	5	BLD	135	10	BLD
54N/5.5E	72-A-1135	10	5	BLD	100	25	1
54N/6.0E	72-A-1136	5	10	5	55	20	BLD
54N/6.5E	72-A-1137	35	10	5	35	20	BLD
54N/7.0E	72-A-1138	20	15	10	50	25	BLD
54N/7.5E	72-A-1139	10	10	10	75	20	BLD
54N/8.0E	72-A-1140	20	25	15	55	105	BLD
54N/8.5E	72-A-1141	20	5	5	30	10	BLD
54N/9.0E	72-A-1142	20	5	5	35	20	BLD
54N/9.5E	72-A-1143	15	10	5	60	10	BLD
54N/10.0E	72-A-1144	15	10	5	115	10	BLD
54N/10.5E	72-A-1145	BLD	5	BLD	55	10	BLD
54N/11.0E	72-A-1146	5	10	5	185	15	BLD
54N/11.5E	72-A-1147	10	5	5	685	145	1
54N/12.0E	72-A-1148	5	5	BLD	220	30	BLD
54N/12.5E	72-A-1149	10	15	20	55	25	BLD
54N/13.0E	72-A-1150	5	10	5	60	15	BLD
54N/13.5E	72-A-1151	5	20	20	125	70	BLD
54N/14.0E	72-A-1152	50	15	25	330	60	1
54N/14.5E	72-A-1153	5	10	5	60	10	BLD
54N/15.0E	72-A-1154	40	10	40	90	60	1
54N/15.5E		S A M P L E M I S S I N G					
54N/16.0E	72-A-1155	5	10	5	40	10	BLD
54N/16.5E	72-A-1156	5	10	5	35	15	BLD
54N/17.0E		S A M P L E M I S S I N G					
54N/17.5E	72-A-1157	30	10	5	30	10	BLD
54N/18.0E	72-A-1158	5	10	BLD	10	5	BLD
54N/18.5E	72-A-1159	10	5	BLD	30	10	BLD
54N/19.0E	72-A-1160	25	10	BLD	10	5	BLD

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007808 PROJECT No.: EL.7/68 - DUNDAS - CARBINE EAST

LAB. SHEET No.: 891/3 SAMPLE TYPE: SOIL PROFILE DATE: 25th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
56N/0.5		S A M P L E			M I S S I N G				
56N/1.0		S A M P L E			M I S S I N G				
56N/1.5		S A M P L E			M I S S I N G				
56N/2.0		S A M P L E			M I S S I N G				
56N/2.5		S A M P L E			M I S S I N G				
56N/3.0		S A M P L E			M I S S I N G				
56N/3.5		S A M P L E			M I S S I N G				
56N/4.0		S A M P L E			M I S S I N G				
56N/4.5		S A M P L E			M I S S I N G				
56N/5.0		S A M P L E			M I S S I N G				
56N/5.5		S A M P L E			M I S S I N G				
56N/6.0		S A M P L E			M I S S I N G				
56N/6.5	72-A-1161	5	10	BLD	75	20	BLD		
56N/7.0	72-A-1162	20	10	BLD	45	25	BLD		
56N/7.5	72-A-1163	BLD	10	10	45	25	BLD		
56N/8.0		S A M P L E			M I S S I N G				
56N/8.5	72-A-1164	20	10	5	120	25	BLD		
56N/9.0	72-A-1165	BLD	10	5	85	15	BLD		
56N/9.5		S A M P L E			M I S S I N G				
56N/10.0		S A M P L E			M I S S I N G				
56N/10.5	72-A-1166	BLD	10	BLD	65	20	1		
56N/11.0	72-A-1167	BLD	10	10	95	20	BLD		
56N/11.5		S A M P L E			M I S S I N G				
56N/12.0	72-A-1168	BLD	10	5	105	20	BLD		
56N/12.5	72-A-1169	BLD	10	BLD	65	15	BLD		
56N/13.0	72-A-1170	5	10	5	80	20	BLD		
56N/13.5	72-A-1171	5	10	BLD	80	20	BLD		
56N/14.0		S A M P L E			M I S S I N G				
56N/14.5	72-A-1172	BLD	10	5	25	15	BLD		
56N/15.0	72-A-1173	10	10	5	50	15	BLD		
56N/15.5	72-A-1174	5	10	5	35	15	1		
56N/16.0		S A M P L E			M I S S I N G				
56N/16.5	72-A-1175	BLD	10	5	85	25	2		
56N/17.0	72-A-1176	BLD	10	BLD	25	10	BLD		
56N/17.5		S A M P L E			M I S S I N G				
56N/18.0	72-A-1177	2	10	BLD	35	5	BLD		
56N/18.5	72-A-1178	10	10	5	105	50	BLD		
56N/18.86	72-A-1179	180	30	20	30	30	1		

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007744 PROJECT No.: EL.7/68 - CARBINE EAST

LAB. SHEET No.: 895/1 SAMPLE TYPE: SOIL PROFILE DATE: 27th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		pH
72N/0.5E	72-A-744	65	50	20	80	65	1		
72N/1.0E	72-A-745	20	30	20	50	50	1		
72N/1.5E	72-A-746	30	55	20	40	65	1		
72N/2.0E	72-A-747	90	75	240	90	90	2		
72N/2.5E	72-A-748	320	250	70	1850	1000	14		
72N/3.0E	72-A-749	30	35	25	40	50	1		
72N/3.5E	72-A-750	10	15	5	90	25	1		
72N/4.0E	72-A-751	35	35	20	80	160	1		
72N/4.5E	72-A-752	25	20	40	400	75	1		3.2
72N/5.0E	72-A-753	85	125	60	210	420	2		
72N/5.5E	72-A-754	30	40	50	560	180	1		
72N/6.0E	72-A-755	15	25	30	270	160	1		
72N/6.5E	72-A-756	15	20	30	370	100	1		
* 72N/7.0E	72-A-757	30	40	35	160	200	1		
72N/8.0E	72-A-759	25	35	10	55	55	1		3.5
72N/8.5E	72-A-760	15	20	70	175	55	1		
72N/9.0E	72-A-761	5	15	10	100	30	1		
72N/9.5E	72-A-762	50	15	10	120	90	2		
72N/10.0E	72-A-763	20	15	10	120	70	1		
72N/10.5E	72-A-764	15	20	10	115	60	1		
72N/11.0E	72-A-765	60	155	35	290	1200	2		
72N/11.5E	72-A-766	25	35	35	285	290	2		
72N/12.0E	72-A-767	20	25	45	660	170	2		
72N/12.5E	72-A-768	10	30	50	620	260	2		
72N/13.0E	72-A-769	10	10	10	210	45	1		
72N/13.5E	72-A-770	20	25	25	560	190	2		
72N/14.0E	72-A-771	65	45	175	940	260	2		
72N/14.5E	72-A-772	60	30	70	580	230	2		
72N/15.0E	72-A-773	65	45	80	350	185	2		
72N/15.5E	72-A-774	20	25	25	70	45	1		3.6
72N/16.0E	72-A-775	40	35	20	115	120	1		
72N/16.5E	72-A-776	40	35	50	120	95	1		
72N/17.0E	72-A-777	80	80	235	300	200	2		
72N/17.5E	72-A-778	80	50	120	160	160	2		
72N/18.0E	72-A-779	50	75	25	75	100	2		
70N/19.5E	72-A-780	30	50	15	80	45	1		
70N/19.0E	72-A-781	20	50	10	70	40	1		
70N/18.5E	72-A-782	25	70	15	40	50	1		3.6
70N/18.0E	72-A-783	40	60	15	70	80	1		
70N/17.5E	72-A-784	100	65	175	190	220	2		
70N/17.0E	72-A-785	60	65	80	165	175	2		
70N/16.5E	72-A-786	55	50	145	250	150	1		
70N/16.0E	72-A-787	45	40	80	220	140	1		
70N/15.5E	72-A-788	50	40	90	250	140	1		
70N/15.0E	72-A-789	50	30	45	200	135	1		
70N/14.5E	72-A-790	45	30	40	330	140	1		
* 70N/7.5E	72-A-758	25	35	15	60	70	1		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1
pH by G.R.C. No. 702A
B.L.D. = Below Limit of Detection

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 00744/5 PROJECT No.: EL. 7/68 - CARBINE EAST

LAB. SHEET No.: 895/2 SAMPLE TYPE: SOIL PROFILE DATE: 27th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		pH
70N/14.0E	72-A-791	40	35	60	470	230	1		3.7
70N/13.5E	72-A-792	30	40	40	320	200	1		
70N/13.0E	72-A-793	20	20	15	290	190	1		
70N/12.5E	72-A-794	10	15	10	175	75	1		
70N/12.0E	72-A-795	15	20	35	340	160	1		3.3
70N/11.5E	72-A-796	10	15	10	190	60	2		
70N/11.0E	72-A-797	35	25	35	410	220	2		
70N/10.5E	72-A-798	110	55	40	450	720	4		
70N/10.0E	72-A-799	35	40	20	115	75	1		
70N/9.5E	72-A-800	10	5	5	45	10	1		
70N/9.0E	72-A-801	10	5	5	120	30	1		
70N/8.5E	72-A-802	20	20	25	130	85	1		
70N/8.0E	72-A-803	20	15	50	95	70	1		3.3
70N/7.5E	72-A-804	40	25	20	110	90	2		
70N/7.0E	72-A-805	45	35	30	130	160	1		
70N/6.5E	72-A-806	15	15	10	110	40	1		
70N/6.0E	72-A-807	40	25	15	240	100	1		
70N/5.5E	72-A-808	125	250	25	340	390	1		
70N/5.0E	72-A-809	35	40	30	270	270	1		
70N/4.5E	72-A-810	30	10	5	350	90	1		
70N/4.0E	72-A-811	15	15	5	80	20	1		
70N/3.5E	72-A-812	40	40	20	50	110	1		3.5
70N/3.0E	72-A-813	20	30	15	85	50	1		
70N/2.5E	72-A-814	35	45	20	65	70	1		
70N/2.0E	72-A-815	15	45	10	50	40	1		
70N/1.5E	72-A-816	20	45	30	75	55	1		
70N/1.0E	72-A-817	20	100	35	75	75	1		3.6
70N/0.5E	72-A-818	20	35	15	85	70	1		
68N/19.5E	72-A-819	35	50	30	65	65	1		
68N/19.0E	72-A-820	30	55	25	45	65	1		
68N/18.5E	72-A-821	35	40	25	45	60	1		
68N/18.0E	72-A-822	50	45	30	100	175	2		
68N/17.5E	72-A-823	50	40	35	120	160	2		
68N/17.0E	72-A-824	30	40	25	90	80	1		
68N/16.5E	72-A-825	25	35	15	80	55	1		
68N/16.0E	72-A-826	20	35	10	130	50	2		
68N/15.5E	72-A-827	20	20	10	135	45	2		
68N/15.0E	72-A-828	40	70	35	180	155	2		
68N/14.5E	72-A-829	40	35	35	140	160	2		
68N/14.0E	72-A-830	25	25	20	150	125	2		
68N/13.5E	72-A-831	5	10	5	60	20	1		
68N/13.0E	72-A-832	10	10	10	55	20	1		
68N/12.5E	72-A-833	10	20	10	85	40	1		
68N/12.0E	72-A-834	5	5	5	50	15	1		
68N/11.5E	72-A-835	10	5	10	65	30	1		
68N/11.0E	72-A-836	10	10	10	80	45	1		

METHODS:

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Chief Chemist Ray W. Gentry

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007745/6 PROJECT No.: EL.7/68 - CARBINE EAST

LAB. SHEET No.: 895/3 SAMPLE TYPE: SOIL PROFILE DATE: 27th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		pH
68N/10.5E	72-A-837	10	10	10	50	20	1		
68N/10.0E	72-A-838	15	15	10	50	30	1		3.6
68N/9.5E	72-A-839	20	15	15	150	60	1		
68N/9.0E	72-A-840	70	40	170	860	260	2		
68N/8.0E	72-A-841	20	5	5	190	55	BLD		
68N/7.5E	72-A-842	15	10	10	85	50	1		
68N/7.0E	72-A-843	10	10	10	75	35	1		
68N/6.5E	72-A-844	10	10	10	80	30	1		
68N/6.0E	72-A-845	35	20	25	230	90	1		
68N/5.5E	72-A-846	50	50	25	260	380	1		
68N/4.5E	72-A-847	25	40	20	125	75	BLD		
68N/4.0E	72-A-848	40	70	40	125	160	1		
68N/3.5E	72-A-849	15	25	20	80	50	1		
68N/3.0E	72-A-850	10	10	10	70	20	1		
68N/2.5E	72-A-851	20	25	15	90	60	1		
68N/2.0E	72-A-852	25	70	30	140	125	1		3.4
68N/1.5E	72-A-853	20	75	55	200	155	1		
68N/1.0E	72-A-854	30	140	50	125	210	1		
68N/0.5E	72-A-855	20	30	25	75	50	1		
66N/19.5E	72-A-856	10	5	5	120	10	1		
66N/19.0E	72-A-857	10	5	5	125	10	1		
66N/18.5E	72-A-858	10	10	5	110	10	1		
66N/18.0E	72-A-859	40	5	5	190	40	1		
66N/17.5E	72-A-860	85	10	5	280	110	1		
66N/17.0E	72-A-861	30	5	5	175	30	1		3.4
66N/16.5E	72-A-862	20	5	5	135	15	1		
66N/16.0E	72-A-863	230	15	10	135	135	1		
66N/15.5E	72-A-864	95	10	10	120	55	2		
66N/15.0E	72-A-865	110	15	5	120	65	1		3.4
66N/14.5E	72-A-866	80	15	5	100	60	1		
66N/14.0E	72-A-867	5	15	5	55	20	1		
66N/13.5E	72-A-868	10	15	5	60	25	1		
66N/13.0E	72-A-869	5	10	5	50	30	1		
66N/12.5E	72-A-870	10	10	5	50	30	1		
66N/12.0E	72-A-871	10	150	15	120	200	1		
66N/11.5E	72-A-872	10	5	5	70	15	1		
66N/11.0E	72-A-873	10	5	5	65	20	1		
66N/10.5E	72-A-874	5	5	5	60	15	1		
66N/10.0E	72-A-875	10	5	BLD	45	40	BLD		
66N/9.5E	72-A-876	20	5	BLD	200	120	BLD		
66N/9.0E	72-A-877	2	BLD	BLD	30	5	BLD		
66N/8.5E	72-A-878	5	5	BLD	40	10	1		
66N/8.0E	72-A-879	2	5	BLD	30	5	1		
66N/7.5E	72-A-880	2	5	BLD	45	5	1		
66N/6.5E	72-A-881	30	10	10	120	65	1		
66N/6.0E	72-A-882	40	10	5	140	95	2		3.5

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007746/7 PROJECT No.: EL.7/68 - CARBINE EAST

LAB. SHEET No.: 895/4 SAMPLE TYPE: SOIL PROFILE DATE: 27th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		pH
66N/5.5E	72-A-883	20	20	10	210	50	1		
66N/5.0E	72-A-884	30	25	10	260	60	1		
66N/4.5E	72-A-885	20	20	5	220	40	1		
66N/4.0E	72-A-886	25	25	5	210	70	1		
66N/3.5E	72-A-887	25	20	5	180	70	1		3.6
66N/3.0E	72-A-888	25	20	5	190	60	1		
66N/2.5E	72-A-889	10	10	10	60	15	1		
66N/2.0E	72-A-890	10	10	5	50	10	1		
66N/1.5E	72-A-891	10	10	5	60	15	1		
66N/1.0E	72-A-892	10	10	5	55	15	1		
66N/0.5E	72-A-893	60	35	20	80	45	2		
64N/19E	72-A-894	BLD	5	BLD	80	15	1		
64N/18.5E	72-A-895	5	BLD	BLD	120	30	1		
64N/18.0E	72-A-896	BLD	5	BLD	1450	10	2		
64N/17.5E	72-A-897	5	10	5	275	30	2		
64N/17.0E	72-A-898	20	20	10	235	95	1		
64N/16.5E	72-A-899	15	35	20	350	70	1		3.3
64N/16.0E	72-A-900	BLD	20	BLD	115	40	1		
64N/15.5E	72-A-901	2	20	BLD	105	30	1		
64N/15.0E	72-A-902	10	20	10	250	45	1		
64N/14.5E	72-A-903	5	15	5	155	30	1		
64N/14.0E	72-A-904	15	30	10	160	105	1		
64N/13.5E	72-A-905	25	160	80	440	280	2		
64N/13.0E	72-A-906	40	460	70	925	910	3		
64N/12.5E	72-A-907	20	170	20	720	830	5		
64N/12.0E	72-A-908	5	BLD	BLD	50	40	BLD		
64N/11.5E	72-A-909	BLD	BLD	BLD	30	5	BLD		2.8
64N/11.0E	72-A-910	BLD	5	BLD	30	20	1		
64N/10.5E	72-A-911	BLD	5	BLD	60	10	1		
64N/10.0E	72-A-912	10	15	20	90	60	BLD		
64N/9.5E	72-A-913	10	5	BLD	70	10	BLD		
64N/9.0E	72-A-914	BLD	5	BLD	40	5	1		
64N/8.5E	72-A-915	BLD	BLD	BLD	30	15	BLD		
64N/8.0E	72-A-916	BLD	BLD	BLD	30	2	1		
64N/7.5E	72-A-917	BLD	10	BLD	20	5	1		
64N/7.0E	72-A-918	BLD	10	BLD	25	2	BLD		
64N/6.5E	72-A-919	BLD	5	BLD	30	10	1		
64N/6.0E	72-A-920	2	5	BLD	25	10	BLD		
64N/5.5E	72-A-921	10	10	5	120	25	BLD		3.3
64N/5.0E	72-A-922	25	10	10	290	30	1		
64N/4.5E	72-A-923	35	20	15	210	60	1		
64N/4.0E	72-A-924	45	105	50	215	190	1		
64N/3.5E	72-A-925	40	120	45	240	250	1		
64N/3.0E	72-A-926	70	130	25	90	95	1		
64N/2.5E	72-A-927	30	40	30	115	90	1		
64N/2.0E	72-A-928	25	20	10	60	45	1		

METHODS:

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007747/8 PROJECT No.: EL.7/68 - CARBINE EAST

LAB. SHEET No.: 895/5 SAMPLE TYPE: SOIL PROFILE DATE: 27th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		pH
64N/1.5E	72-A-929	50	20	25	75	70	1		
64N/1.0E	72-A-930	95	45	20	50	150	1		3.5
64N/0.5E	72-A-931	25	20	10	50	30	1		
62.5N/19.5E	72-A-932	20	15	20	55	40	BLD		
62.5N/19.0E	72-A-933	15	15	10	50	40	BLD		
62.5N/18.5E	72-A-934	60	75	45	110	75	1		
62.5N/18.0E	72-A-935	10	10	5	60	15	BLD		
62.5N/17.5E	72-A-936	10	10	5	55	10	BLD		
62.5N/17.0E	72-A-937	10	10	5	185	20	1		
62.5N/16.5E	72-A-938	10	10	10	270	45	1		
62.5N/16.0E	72-A-939	20	15	35	380	50	1		
62.5N/15.5E	72-A-940	20	10	BLD	50	20	BLD		
62.5N/15.0E	72-A-941	35	15	10	45	60	1		3.5
62.5N/14.5E	72-A-942	10	30	5	50	45	1		
62.5N/14.0E	72-A-943	25	60	10	105	90	1		
62.5N/13.5E	72-A-944	10	10	BLD	50	10	BLD		3.5
62.5N/13.0E	72-A-945	BLD	5	BLD	30	2	BLD		
62.5N/12.5E	72-A-946	BLD	10	5	30	30	BLD		
62.5N/12.0E	72-A-947	BLD	BLD	BLD	20	2	1		
62.5N/11.5E	72-A-948	BLD	5	BLD	10	2	1		
62.5N/11.0E	72-A-949	BLD	5	BLD	15	2	1		
62.5N/10.5E	72-A-950	10	10	5	10	2	1		
62.5N/10.0E	72-A-951	10	10	BLD	15	2	1		
62.5N/9.5E	72-A-952	BLD	5	BLD	5	BLD	1		
62.5N/9.0E	72-A-953	BLD	10	BLD	10	5	1		
62.5N/8.5E	72-A-954	BLD	10	5	30	10	1		
62.5N/8.0E	72-A-955	2	10	BLD	115	BLD	BLD		
62.5N/7.5E	72-A-956	BLD	5	BLD	50	BLD	BLD		
62.5N/7.0E	72-A-957	10	10	5	30	25	1		
62.5N/6.5E	72-A-958	20	10	5	55	35	1		
62.5N/6.0E	72-A-959	2	5	5	40	30	BLD		
62.5N/5.5E	72-A-960	BLD	10	5	15	10	BLD		
62.5N/5.0E	72-A-961	5	15	5	80	35	1		
62.5N/4.5E	72-A-962	20	15	5	370	50	2		
62.5N/4.0E	72-A-963	10	20	5	50	25	1		
62.5N/3.5E	72-A-964	10	30	10	45	40	BLD		
62.5N/3.0E	72-A-965	10	220	45	30	260	1		
62.5N/2.5E	72-A-966	25	240	15	15	120	1		
62.5N/2.0E	72-A-967	65	670	45	45	280	1		
62.5N/1.5E	72-A-968	20	75	10	155	95	2		
62.5N/1.0E	72-A-969	40	35	10	60	70	1		
62.5N/0.5E	72-A-970	30	20	10	70	40	1		
60N/0.5E	72-A-971	40	70	20	115	70	1		
60N/1.0E	72-A-972	30	40	15	60	45	2		3.0
60N/1.5E	72-A-973	25	20	10	60	30	1		
60N/2.0E	72-A-974	50	50	35	95	90	1		

METHODS:

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Chief Chemist Ray W. Berkeley

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007748/9 PROJECT No.: EL. 7/68 - CARBINE EAST

LAB. SHEET No.: 895/6 SAMPLE TYPE: SOIL PROFILE DATE: 27th January, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		pH
60N/2.5E	72-A-975	40	40	20	90	75	1		
60N/3.0E	72-A-976	60	510	50	290	560	1		
60N/3.5E	72-A-977	40	555	60	290	505	2		
60N/4.0E	72-A-978	2	30	10	70	65	BLD		
60N/4.5E	72-A-979	5	35	10	60	70	1		3.3
60N/5.0E	72-A-980	10	10	5	55	25	BLD		
60N/5.5E	72-A-981	10	10	5	30	25	1		
60N/6.0E	72-A-982	25	20	10	40	50	BLD		
60N/6.5E	72-A-983	25	30	20	170	65	2		
60N/7.0E	72-A-984	BLD	BLD	BLD	110	5	BLD		
60N/7.5E	72-A-985	BLD	5	BLD	60	10	BLD		
60N/8.0E	72-A-986	10	10	5	35	10	BLD		
60N/8.5E	72-A-987	10	10	10	40	15	1		
60N/9.0E	72-A-988	5	10	5	40	15	1		
60N/9.5E	72-A-989	BLD	10	5	30	10	1		2.7
60N/10.0E	72-A-990	5	5	5	30	10	BLD		
60N/10.5E	72-A-991	2	10	5	25	10	1		
60N/11.0E	72-A-992	10	5	20	170	15	BLD		
60N/11.5E	72-A-993	10	5	15	170	10	1		
60N/12.0E	72-A-994	10	5	BLD	65	25	1		
60N/12.5E	72-A-995	BLD	BLD	BLD	30	5	BLD		
60N/13.0E	72-A-996	BLD	BLD	BLD	40	10	BLD		
60N/13.5E	72-A-997	BLD	BLD	BLD	110	15	BLD		3.3
60N/14.0E	72-A-998	BLD	10	BLD	60	20	BLD		
60N/14.5E	72-A-999	10	15	30	925	40	3		
60N/15.0E	72-A-1000	15	10	5	455	80	2		
60N/15.5E	72-A-1001	5	10	BLD	220	15	1		
60N/16.0E	72-A-1002	BLD	5	BLD	55	10	BLD		
60N/16.5E	72-A-1003	5	10	5	100	20	2		
60N/17.0E	72-A-1004	10	10	10	130	25	1		
60N/17.5E	72-A-1005	10	10	10	135	30	2		
60N/18.0E	72-A-1006	10	15	5	120	40	2		3.0
60N/18.5E	72-A-1007	10	10	BLD	120	40	1		
60N/19.0E	72-A-1008	20	10	30	350	85	1		
60N/19.5E	72-A-1009	25	55	20	545	515	3		
60N/20.0E	72-A-1010	40	110	20	800	770	4		

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007811 PROJECT No.: EL.7/68 - DUNDAS CARBINE EAST

LAB. SHEET No.: 914/1 SAMPLE TYPE: SOIL PROFILE DATE: 21st February, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
48N/0.5E	72-B-444	BLD	10	10	65	10	1
48N/1E	72-B-445	35	10	40	120	45	1
48N/1.5E	72-B-446	55	25	20	240	190	1
48N/2E	72-B-447	25	15	10	115	35	1
48N/2.5E	72-B-448	70	20	15	135	190	BLD
48N/3E	72-B-449	15	10	10	20	10	BLD
48N/3.5E	72-B-450	BLD	BLD	BLD	20	5	BLD
48N/4E	72-B-451	BLD	BLD	BLD	20	5	BLD
48N/4.5E	72-B-452	BLD	BLD	BLD	20	5	BLD
48N/5E	72-B-453	BLD	BLD	BLD	10	5	BLD
48N/5.5E	72-B-454	BLD	BLD	BLD	20	15	BLD
48N/6E	72-B-455	BLD	BLD	5	10	5	BLD
48N/6.5E	72-B-456	BLD	BLD	BLD	10	2	BLD
48N/7E	72-B-457	BLD	BLD	BLD	10	2	BLD
48N/7.5E	72-B-458	BLD	BLD	BLD	5	2	BLD
48N/8E	72-B-459	5	BLD	5	50	20	BLD
48N/8.5E	72-B-460	BLD	BLD	10	20	5	BLD
48N/9E	72-B-461	30	25	25	30	75	1
48N/9.5E	72-B-462	30	30	30	215	90	1
48N/10E	72-B-463	30	15	15	35	35	BLD
48N/10.5E	72-B-464	10	10	10	15	15	BLD
48N/11E	72-B-465	30	10	10	70	40	1
48N/11.5E	72-B-466	75	20	40	150	90	1
48N/12E	72-B-467	20	BLD	10	70	20	BLD
48N/12.5E	72-B-468	20	5	5	75	30	1
48N/13E	72-B-469	10	5	5	25	30	1
48N/13.5E	72-B-470	10	5	5	35	5	1
48N/14E	72-B-471	10	BLD	5	45	20	BLD
48N/14.5E	72-B-472	30	20	10	165	60	1
48N/15E	72-B-473	25	5	BLD	95	10	1
48N/15.5E	72-B-474	5	10	5	120	10	1
48N/16E	72-B-475	20	10	20	185	20	1
48N/16.5E	72-B-476	65	20	100	120	90	1
48N/17E	72-B-477	20	10	10	110	25	1
48N/17.5E	72-B-478	50	10	10	40	40	BLD
48N/18E	72-B-479	5	10	10	20	5	BLD
48N/18.5E	72-B-480	10	10	10	140	20	1
48N/19E	72-B-481	5	5	5	20	5	BLD
48N/19.4E	72-B-482	10	10	20	110	30	1

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007812 PROJECT No.: EL. 7/68 - DUNDAS

LAB. SHEET No.: 914/2 SAMPLE TYPE: CORE DATE: 21st February, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm
57' - 67'	72-B-483	120	60	2
187' - 197'	72-B-484	0.40%	0.50%	4
224' - 266'	72-B-485	0.38%	0.68%	10
314' - 316'	72-B-486	220	120	4
316' - 318'	72-B-487	0.74%	620	10
318' - 320'	72-B-488	1600	520	4
320' - 322'	72-B-489	0.27%	200	6
322' - 324'	72-B-490	0.22%	155	6
324' - 326'	72-B-491	0.26%	780	6
326' - 328'	72-B-492	0.30%	300	6
328' - 330'	72-B-493	1050	1100	6
330' - 332'	72-B-494	1000	1050	4
355' - 357'	72-B-495	1800	70	6
357' - 359'	72-B-496	1200	620	6
359' - 361'	72-B-497	0.25%	320	8
361' - 363'	72-B-498	340	85	4
363' - 365'	72-B-499	0.23%	660	12
365' - 367'	72-B-500	1.15%	540	16
367' - 369'	72-B-501	260	130	8

METHODS:

Pb, Zn , Ag by GRC NO.101

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007813 PROJECT No. EL.7/68 - DUNDAS CARBINE EAST

LAB. SHEET No.: 914/3 SAMPLE TYPE SOIL PROFILE DATE 21st February, 1972

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
46N/0.5E	72-B-502	30	10	5	30	30	BLD
46N/1E	72-B-503	25	10	10	30	15	1
46N/1.5E	72-B-504	15	20	15	60	20	1
46N/2E	72-B-505	BLD	BLD	BLD	10	BLD	BLD
46N/2.5E	72-B-506	BLD	BLD	BLD	10	2	BLD
46N/3E	72-B-507	BLD	BLD	BLD	10	BLD	BLD
46N/3.5E	72-B-508	BLD	BLD	BLD	10	BLD	BLD
46N/4E	72-B-509	BLD	5	BLD	40	BLD	BLD
46N/4.5E	72-B-510	BLD	BLD	BLD	10	BLD	BLD
46N/5E	72-B-511	10	5	5	25	10	BLD
46N/5.5E	72-B-512	2	BLD	BLD	15	BLD	BLD
46N/6E	72-B-513	40	15	BLD	20	10	BLD
46N/6.5E	72-B-514	BLD	5	BLD	5	BLD	BLD
46N/7E	72-B-515	BLD	BLD	BLD	15	5	BLD
46N/7.5E	72-B-516	BLD	BLD	BLD	10	BLD	BLD
46N/8E	72-B-517	BLD	BLD	BLD	5	BLD	BLD
46N/8.5E	72-B-518	BLD	5	BLD	25	5	BLD
46N/9E	72-B-519	5	BLD	BLD	30	20	BLD
46N/9.5E	72-B-520	BLD	BLD	BLD	10	BLD	BLD
46N/10E	72-B-521	BLD	BLD	BLD	5	BLD	BLD
46N/10.5E	72-B-522	BLD	BLD	BLD	10	BLD	BLD
46N/11E	72-B-523	BLD	BLD	5	5	2	BLD
46N/11.5E	72-B-524	10	10	BLD	30	20	BLD
46N/12E	72-B-525	10	10	5	45	10	1
46N/12.5E	72-B-526	30	10	5	20	15	BLD
46N/13E	72-B-527	20	5	5	55	10	BLD
46N/13.5E	72-B-528	10	10	10	30	5	BLD
46N/14E	72-B-529	5	5	BLD	50	5	BLD
46N/14.5E	72-B-530	5	5	BLD	45	2	1
46N/15E	72-B-531	BLD	5	BLD	10	BLD	BLD
46N/15.5E	62-B-532	2	5	BLD	30	10	BLD
46N/16E	72-B-533	BLD	BLD	BLD	5	BLD	BLD
46N/16.5E	72-B-534	BLD	BLD	BLD	BLD	2	BLD
46N/17E	72-B-535	BLD	5	BLD	30	10	1
46N/17.5E	72-B-536	BLD	BLD	BLD	10	BLD	BLD
46N/18E	72-B-537	BLD	BLD	BLD	5	BLD	BLD
46N/18.5E	72-B-538	BLD	BLD	BLD	5	BLD	BLD
46N/19E	72-B-539	BLD	BLD	BLD	10	BLD	BLD
46N/19.6E	72-B-540	2	5	BLD	20	BLD	BLD

METHODS:

Cu, Ni, Co, Pb, Zn Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007814 PROJECT No.: EL. 7/68 - DUNDAS CARBINE EAST

LAB. SHEET No.: 914/4 SAMPLE TYPE: SOIL PROFILE DATE: 21st February, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
42N/0.5E	72-B-541	2	10	10	10	10	BLD
42N/1E	72-B-542	25	20	20	20	100	1
42N/1.5E	72-B-543	5	5	BLD	30	10	BLD
42N/2E	72-B-544	BLD	5	BLD	20	5	BLD
42N/2.5E	72-B-545	BLD	5	BLD	15	5	BLD
42N/3E	72-B-546	BLD	5	BLD	20	5	BLD
42N/3.5E	72-B-547	2	5	5	35	10	BLD
42N/4E	72-B-548	15	10	5	35	10	1
42N/4.5E	72-B-549	20	5	BLD	55	30	BLD
42N/5E	72-B-550	15	10	5	35	5	1
42N/5.5E	72-B-551	20	5	BLD	160	110	BLD
42N/6E	72-B-552	BLD	5	BLD	20	2	BLD
42N/6.5E	72-B-553	BLD	BLD	BLD	20	10	BLD
42N/7E	72-B-554	BLD	10	5	120	35	1
42N/7.5E	72-B-555	10	10	5	50	15	1
42N/8E	72-B-556	10	BLD	BLD	80	40	BLD
42N/8.5E	72-B-557	BLD	BLD	BLD	10	5	BLD
42N/9E	72-B-558	BLD	5	BLD	30	10	BLD
42N/9.5E	72-B-559	5	5	BLD	15	10	1
42N/10E	72-B-560	20	10	5	25	10	BLD
42N/10.5E	72-B-561	30	15	BLD	35	20	BLD
42N/11E	72-B-562	20	10	10	30	15	BLD
42N/11.5E	72-B-563	20	10	25	190	45	BLD
42N/12E	72-B-564	65	10	5	115	20	BLD
42N/12.5E	72-B-565	BLD	BLD	BLD	25	5	BLD
42N/13E	72-B-566	30	10	50	255	40	1
42N/13.5E	72-B-567	BLD	BLD	BLD	15	BLD	BLD
42N/14E	72-B-568	BLD	BLD	BLD	25	5	BLD
42N/14.5E	72-B-569	BLD	BLD	BLD	20	2	BLD
42N/15E	72-B-570	BLD	BLD	BLD	60	2	BLD
42N/15.5E	72-B-571	BLD	BLD	BLD	30	15	BLD
42N/16E	72-B-572	10	5	BLD	150	20	1
42N/16.5E	72-B-573	30	15	25	165	60	BLD
42N/17E	72-B-574	5	BLD	BLD	50	5	1
42N/17.5E	72-B-575	15	5	BLD	60	10	BLD
42N/18E	72-B-576	BLD	BLD	BLD	20	BLD	BLD
42N/18.5E	72-B-577	BLD	BLD	BLD	15	BLD	BID
42N/19E	72-B-578	BLD	BLD	BLD	15	5	BLD
42N/19.38E	72-B-579	BLD	BLD	BLD	10	BLD	BLD

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007815 PROJECT No.: EL. 7/68 - DUNDAS CARBINE EAST

LAB. SHEET No.: 914/5 SAMPLE TYPE: SOIL PROFILE DATE: 21st February, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
40N/0.5E	72-B-580	2	10	5	30	10	BLD
40N/1E	72-B-581	10	10	5	80	40	BLD
40N/1.5E	72-B-582	5	5	BLD	50	5	BLD
40N/2E	72-B-583	BLD	BLD	BLD	15	2	BLD
40N/2.5E	72-B-584	BLD	5	BLD	15	5	BLD
40N/3E	72-B-585	BLD	BLD	BLD	10	5	BLD
40N/3.5E	72-B-586	BLD	BLD	BLD	5	2	BLD
40N/4E	72-B-587	BLD	5	BLD	10	BLD	BLD
40N/4.5E	72-B-588	BLD	BLD	BLD	5	BLD	BLD
40N/5E	72-B-589	BLD	BLD	BLD	10	BLD	BLD
40N/5.5E	72-B-590	10	10	5	135	15	BLD
40N/6E	72-B-591	BLD	10	BLD	25	10	1
40N/6.5E	72-B-592	BLD	5	BLD	10	5	BLD
40N/7E	72-B-593	5	10	5	20	15	BLD
40N/7.5E	72-B-594	BLD	5	BLD	10	2	BLD
40N/8E	72-B-595	10	5	BLD	45	10	BLD
40N/8.5E	72-B-596	10	10	BLD	30	10	BLD
40N/9E	72-B-597	BLD	5	BLD	15	5	BLD
40N/9.5E	72-B-598	BLD	5	BLD	10	10	BLD
40N/10E	72-B-599	BLD	5	BLD	10	5	BLD
40N/10.5E	72-B-600	BLD	5	BLD	15	2	BLD
40N/11E	72-B-601	BLD	BLD	BLD	20	2	BLD
40N/11.5E	72-B-602	BLD	BLD	BLD	15	2	BLD
40N/12E	72-B-603	BLD	BLD	BLD	15	5	BLD
40N/12.5E	72-B-604	BLD	5	BLD	10	5	BLD
40N/13E	72-B-605	5	5	5	10	5	BLD
40N/13.5E	72-B-606	10	10	5	15	10	BLD
40N/14E	72-B-607	BLD	BLD	BLD	10	5	BLD
40N/14.5E	72-B-608	BLD	BLD	BLD	10	5	BLD
40N/15E	72-B-609	BLD	BLD	BLD	10	BLD	BLD
40N/15.5E	72-B-610	BLD	BLD	BLD	5	BLD	BLD
40N/16E	72-B-611	BLD	BLD	BLD	5	BLD	BLD
40N/16.5E	72-B-612	BLD	BLD	BLD	20	BLD	BLD
40N/17E	72-B-613	BLD	BLD	BLD	10	5	BLD
40N/17.5E	72-B-614	BLD	BLD	BLD	15	10	BLD
40N/18E	72-B-615	BLD	BLD	BLD	5	BLD	BLD
40N/18.5E	72-B-616	BLD	BLD	5	10	5	BLD
40N/19E	72-B-617	BLD	BLD	BLD	10	BLD	BLD
40N/19.17E	72-B-618	BLD	5	BLD	15	10	BLD

METHODS:

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Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

Chief Chemist Ray W. Berkman

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007816 PROJECT No.: EL. 7/68 - DUNDAS WEST COMET PLATT GR

LAB. SHEET No.: 914/6 SAMPLE TYPE: SLUDGE DATE: 21st February, 1972

SAMPLE No.	LAB. No.	Ni ppm	Pb ppm	Zn ppm
0' - 10'	72-B-619	2700	3750	3000
10' - 20'	72-B-620	2600	3500	3250
20' - 30'	72-B-621	2600	3650	3000
30' - 40'	72-B-622	1250	610	3100
40' - 50'	72-B-623	1150	260	710
50' - 60'	72-B-624	1000	365	1150
60' - 70'	72-B-625	670	500	770
70' - 80'	72-B-626	735	640	820
80' - 90'	72-B-627	635	900	740
90' - 100'	72-B-628	1750	475	950

METHODS:

Ni, Pb, Zn by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007817 PROJECT No.: EL.7/68 - DUNDAS CARBINE EAST

LAB. SHEET No.: 914/7 SAMPLE TYPE: SOIL PROFILE DATE: 21st February, 1972

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
50N/0.5E	72-B-629	60	30	40	515	150	1
50N/1E	72-B-630	130	40	65	415	310	1
50N/1.5E	72-B-631	5	5	10	40	10	BLD
50N/2E	72-B-632	5	10	5	20	10	BLD
50N/2.5E	72-B-633	5	10	5	35	15	BLD
50N/3E	72-B-634	45	20	20	35	15	1
50N/3.5E	72-B-635	10	15	10	45	15	BLD
50M/4E	72-B-636	20	10	10	30	50	1
50N/4.5E	72-B-637	BLD	BLD	BLD	5	BLD	BLD
50N/5E	72-B-638	BLD	5	5	10	5	BLD
50N/5.5E	72-B-639	BLD	5	BLD	10	5	BLD
50N/6E	72-B-640	BLD	5	BLD	15	15	BLD
50N/6.5E	72-B-641	10	BLD	BLD	55	35	BLD
50N/7E	72-B-642	2	BLD	BLD	35	15	1
50N/7.5E	72-B-643	10	10	10	25	10	1
50N/8E	72-B-644	35	15	80	200	115	2
50N/8.5E	72-B-645	30	10	10	20	20	BLD
50N/9E	72-B-646	60	30	50	30	50	1
50N/9.5E	72-B-647	5	10	10	50	25	BLD
50N/10E	72-B-648	20	20	30	135	70	BLD
50N/10.5E	72-B-649	10	10	15	70	25	BLD
50N/11E	72-B-650	15	15	15	105	40	BLD
50N/12.0E	72-B-651	2	5	5	80	15	BLD
50N/12.5E	72-B-652	50	10	10	310	50	2
50N/13E	72-B-653	5	10	10	110	15	BLD
50N/13.5E	72-B-654	10	10	10	145	25	1
50N/14E	72-B-655	25	10	10	180	315	1
50N/15E	72-B-656	5	10	5	25	25	BLD
50N/15.5E	72-B-657	10	15	10	310	80	2
50N/16E	72-B-658	20	10	20	360	70	1
50N/16.5E	72-B-659	90	35	60	350	130	2
50N/17E	72-B-660	10	10	10	50	20	1
50N/17.5E	72-B-661	BLD	5	5	30	10	BLD
50N/18E	72-B-662	35	20	15	20	30	1
50N/18.5E	72-B-663	10	10	10	30	30	BLD
50N/19E	72-B-664	BLD	5	5	10	5	BLD
44N/6.5E	72-B-665	310	325	140	45	540	2
44N/1E	72-B-666	20	20	20	100	100	BLD
44N/1.5E	72-B-667	BLD	BLD	BLD	10	5	BLD
44N/2E	72-B-668	BLD	BLD	BLD	15	5	BLD
44N/2.5E	72-B-669	BLD	BLD	BLD	10	5	BLD
44N/3E	72-B-670	BLD	BLD	BLD	5	5	BLD
44N/3.5E	72-B-671	10	BLD	BLD	95	55	BLD
44N/4E	72-B-672	2	BLD	BLD	30	20	BLD
44N/4.5E	72-B-673	30	10	BLD	50	30	BLD
44N/5E	72-B-674	10	10	5	45	20	1

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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Chief Chemist Ray W. Gerlach

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007817 PROJECT No.: EL.7/68

LAB. SHEET No.: 914/8 SAMPLE TYPE: SOIL PROFILE DATE: 21st February, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
44N/5.5E	72-B-675	30	20	10	40	50	BLD
44N/6E	72-B-676	10	10	5	35	10	BLD
44N/6.5E	72-B-677	10	10	BLD	30	15	BLD
44N/7E	72-B-678	BLD	5	BLD	35	10	BLD

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007818 PROJECT No.: EL.7/68 - DUNDAS CARBINE EAST

LAB. SHEET No.: 914/9 SAMPLE TYPE: SOIL PROFILE DATE: 21st February, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
44N/7.5E	72-B-679	15	25	50	100	110	1		
44N/8E	72-B-680	BLD	5	BLD	20	BLD	BLD		
44N/8.5E	72-B-681	BLD	BLD	BLD	10	BLD	BLD		
44N/9E	72-B-682	BLD	5	BLD	55	30	BLD		
44N/9.5E	72-B-683	BLD	BLD	BLD	5	BLD	BLD		
44N/10E	72-B-684	5	5	BLD	100	50	BLD		
44N/10.5E	72-B-685	15	10	5	20	10	1		
44N/11E	72-B-686	BLD	5	BLD	20	10	BLD		
44N/11.5E	72-B-687	25	10	5	10	10	BLD		
44N/12E	72-B-688	10	10	5	30	10	BLD		
44N/12.5E	72-B-689	10	5	5	25	5	BLD		
44N/13E	72-B-690	10	10	5	80	10	BLD		
44N/13.5E	72-B-691	BLD	BLD	BLD	15	5	BLD		
44N/14E	72-B-692	BLD	5	BLD	15	2	BLD		
44N/14.5E	72-B-693	BLD	BLD	BLD	25	15	BLD		
44N/15E	72-B-694	20	260	130	120	2800	2		
44N/16E	72-B-695	BLD	BLD	BLD	25	20	BLD		
44N/16.5E	72-B-696	BLD	5	BLD	10	15	BLD		
44N/17E	72-B-697	BLD	BLD	BLD	10	5	BLD		
44N/17.5E	72-B-698	BLD	BLD	BLD	5	BLD	BLD		
44N/18E	72-B-699	BLD	BLD	BLD	5	BLD	BLD		
44N/18.5E	72-B-700	BLD	BLD	BLD	10	BLD	BLD		
44N/19E	72-B-701	BLD	BLD	BLD	10	10	BLD		
44N/19.5E	72-B-702	BLD	BLD	BLD	20	5	BLD		
52N/0.5E	72-B-703	20	50	40	215	100	1		
52N/1E	72-B-704	20	10	5	140	30	1		
52N/2E	72-B-705	65	50	20	220	510	1		
52N/2.5E	72-B-706	25	15	40	240	40	1		
52N/3E	72-B-707	10	10	BLD	30	10	1		
52N/3.5E	72-B-708	40	20	20	35	50	1		
52N/4E	72-B-709	10	20	15	60	60	1		
52N/4.5E	72-B-710	25	15	30	310	75	1		
52N/5E	72-B-711	BLD	10	5	20	10	1		
52N/5.5E	72-B-712	10	15	10	15	50	1		
52N/6E	72-B-713	BLD	15	5	20	10	1		
52N/6.5E	72-B-714	BLD	10	BLD	15	5	1		
52N/7E	72-B-715	BLD	5	BLD	10	BLD	BLD		
52N/7.5E	72-B-716	30	10	5	30	10	BLD		
52N/8E	72-B-717	25	5	5	30	10	BLD		
52N/8.5E	72-B-718	5	BLD	BLD	25	10	BLD		
52N/9E	72-B-719	5	10	10	50	45	BLD		
52N/9.5E	72-B-720	BLD	BLD	BLD	20	10	BLD		
52N/10E	72-B-721	5	5	5	20	10	BLD		
52N/10.5E	72-B-722	BLD	10	BLD	30	15	BLD		
52N/11E	72-B-723	15	10	20	80	70	BLD		
52N/11.5E	72-B-724	60	40	55	480	230	1		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007818 PROJECT No.: EL.7/68 - DUNDAS CARBINE EAST

LAB. SHEET No.: 914/10 SAMPLE TYPE: SOIL PROFILE DATE: 21st February, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
52N/12E	72-B-725	2	5	BLD	10	5	BLD		
52N/12.5E	72-B-726	BLD	BLD	BLD	15	5	BLD		
52N/13E	72-B-727	55	50	30	1200	290	7		
52N/13.5E	72-B-728	30	10	20	115	60	BLD		

METHODS:

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Chief Chemist Ray W. Yeabsley

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007819 PROJECT No.: EL. 7/68 - DUNDAS CARBINE EAST

LAB. SHEET No.: 914/11 SAMPLE TYPE: SOIL PROFILE DATE: 21st February, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
52N/14E	72-B-729	20	10	5	175	210	1		
52N/14.5E	72-B-730	BLD	BLD	BLD	30	10	BLD		
52N/15E	72-B-731	5	BLD	BLD	40	25	1		
52N/15.5E	72-B-732	10	10	10	80	25	1		
52N/16E	72-B-733	100	45	60	180	140	3		
52N/16.5E	72-B-734	100	55	70	270	175	2		
52N/17E	72-B-735	130	90	20	200	95	3		
52N/17.5E	72-B-736	10	10	10	60	20	BLD		
52N/18.5E	72-B-737	BLD	BLD	BLD	10	5	BLD		
52N/19E	72-B-738	BLD	BLD	BLD	5	5	BLD		
56N/00E	72-B-739	15	20	5	50	20	1		
56N/0.5E	72-B-740	15	20	20	80	40	1		
56N/1E	72-B-741	35	30	20	70	50	1		
56N/1.5E	72-B-742	25	40	40	100	80	2		
56N/2E	72-B-743	70	120	40	160	150	2		
56N/2.5E	72-B-744	40	30	40	110	50	1		
56N/3E	72-B-745	20	10	5	20	10	BLD		
56N/3.5E	72-B-746	15	10	10	20	10	1		
56N/4E	72-B-747	20	10	10	70	10	1		
56N/4.5E	72-B-748	30	10	5	330	20	1		
56N/5E	72-B-749	BLD	BLD	BLD	90	2	BLD		
56N/5.5E	72-B-750	15	5	BLD	105	75	BLD		
56N/6E	72-B-751	2	10	5	50	10	BLD		
56N/8E	72-B-752	15	10	20	120	30	BLD		
56N/10E	72-B-753	20	40	50	585	460	3		
56N/11.5E	72-B-754	10	10	5	100	30	BLD		
56N/14E	72-B-755	10	15	10	70	35	1		
56N/16E	72-B-756	50	15	35	155	65	1		

METHODS:

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007823 PROJECT No. EL.7/68 - DUNDAS - SOUTH COMET D.D.H.

LAB. SHEET No.: 918/1 SAMPLE TYPE: CORE DATE: 24th February, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Cd ppm			
174' - 176'	72-B-968	20	0.32%	1.8%		125			
176' - 178'	72-B-969	90	2.6%	4.5%	50	280			
178' - 180'	72-B-970	20	1.1%	3.7%	22	230			
180' - 182'	72-B-971	15	0.56%	3.7%		220			
182' - 184'	72-B-972	40	2%	7.3%		410			
184' - 186'	72-B-973	20	0.82%	1.15%		60			
186' - 188'	72-B-974	25	0.80%	2.6%		145			
188' - 190'	72-B-975	20	0.78%	4.8%		255			
190' - 192'	72-B-976	20	0.30%	0.84%					
192' - 194'	72-B-977	20	215	480					
194' - 196'	72-B-978	20	220	1000					
196' - 198'	72-B-979	15	0.64%	0.21%					
198' - 200'	72-B-980	15	140	390					
200' - 202'	72-B-981	60	3%	7.1%	90	380			
202' - 204'	72-B-982	5	960	820					
204' - 206'	72-B-983	15	0.30%	1450					
206' - 208'	72-B-984	20	360	520					
208' - 210'	72-B-985	25	120	95					
210' - 212'	72-B-986	20	0.78%	1.75%		100			
212' - 214'	72-B-987	55	1.7%	2.6%	20	160			

METHODS:

Cu, Pb, Zn, Ag, Cd by G.R.C. No. 101

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007824 PROJECT No.: EL. 7/68 - DUNDAS - CARBINE EAST

LAB. SHEET No.: 918/2 SAMPLE TYPE: SOIL PROFILE DATE: 24th February, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
1931E/0.5N	72-B-988	BLD	BLD	BLD	5	5	1
1931E/1N	72-B-989	BLD	BLD	BLD	5	BLD	BLD
1931E/1.5N	72-B-990	10	BLD	BLD	50	20	1
1931E/2N	72-B-991	BLD	5	5	20	15	1
1931E/2.5N	72-B-992	BLD	BLD	5	35	10	1
1931E/3.5N	72-B-993	BLD	BLD	5	10	BLD	BLD
1931E/4N	72-B-994	BLD	BLD	BLD	10	10	1
1931E/4.5N	72-B-995	BLD	BLD	BLD	10	5	1
1931E/5N	72-B-996	BLD	BLD	BLD	15	BLD	1
1931E/5.5N	72-B-997	2	BLD	BLD	55	20	1
1931E/6N	72-B-998	BLD	BLD	BLD	15	5	1
1931E/6.5N	72-B-999	BLD	BLD	BLD	15	10	BLD
1931E/7N	72-B-1000	5	BLD	BLD	20	10	BLD
1931E/7.5N	72-B-1001	BLD	BLD	BLD	10	5	BLD
1931E/8N	72-B-1002	5	BLD	BLD	25	5	1
1931E/8.5N	72-B-1003	BLD	5	BLD	40	10	BLD
1931E/9N	72-B-1004	10	5	BLD	40	10	BLD
1931E/9.5N	72-B-1005	10	BLD	BLD	85	5	1
1931E/10N	72-B-1006	10	BLD	BLD	75	10	1
1931E/10.5N	72-B-1007	15	5	5	40	20	1
1931E/12N	72-B-1008	2	5	BLD	25	10	1
1931E/12.5N	72-B-1009	5	10	5	30	30	1
1931E/13N	72-B-1010	20	20	5	45	40	1
1931E/13.5N	72-B-1011	2	10	BLD	35	10	1
1931E/14N	72-B-1012	5	5	BLD	30	15	1
1931E/14.5N	72-B-1013	BLD	BLD	BLD	15	BLD	BLD
1931E/15.5N	72-B-1014	BLD	BLD	BLD	25	BLD	1
1931E/16N	72-B-1015	BLD	BLD	BLD	5	5	BLD
1931E/16.5N	72-B-1016	BLD	BLD	BLD	15	5	BLD
1931E/17N	72-B-1017	BLD	5	BLD	20	10	BLD
1931E/17.5N	72-B-1018	BLD	5	BLD	5	10	BLD
1931E/18N	72-B-1019	2	5	5	65	15	1
1931E/19N	72-B-1020	45	10	5	15	15	1
1931E/19.5N	72-B-1021	60	10	5	15	15	1
1931E/20N	72-B-1022	BLD	5	BLD	25	15	1
1931E/20.5N	72-B-1023	10	5	5	60	15	1
1931E/21N	72-B-1024	10	5	5	95	20	1
1931E/21.5N	72-B-1025	45	15	25	430	100	2
1931E/22N	72-B-1026	10	10	15	115	20	1
1931E/22.5N	72-B-1027	100	20	20	1550	375	22
1931E/23N	72-B-1028	110	150	85	7200	4500	8
1931E/23.5N	72-B-1029	2	10	5	105	15	2
1931E/24N	72-B-1030	BLD	10	BLD	65	30	1
1931E/24.5N	72-B-1031	10	10	5	355	25	2
1931E/25N	72-B-1032	20	10	10	510	40	2

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007825 PROJECT No.: EL.7/68 - DUNDAS CARBINE EAST

LAB. SHEET No.: 918/3 SAMPLE TYPE: SOIL PROFILE DATE: 24th February, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
1931E/25.5N	72-B-1033	5	5	5	185	10	1		
1931E/26.5N	72-B-1034	10	5	BLD	215	10	1		
1931E/27N	72-B-1035	15	5	5	200	40	2		
1931E/27.5N	72-B-1036	10	BLD	5	115	40	1		
1931E/28.5N	72-B-1037	15	20	40	1300	55	3		
1931E/29N	72-B-1038	65	80	35	75	95	1		
1931E/29.5N	72-B-1039	30	50	30	40	60	1		
1931E/30N	72-B-1040	30	55	20	55	70	1		
1931E/30.5N	72-B-1041	45	55	40	70	80	1		
1931E/31N	72-B-1042	35	150	70	735	480	2		
1931E/31.5N	72-B-1043	40	90	30	85	155	2		
1931E/32N	72-B-1044	35	50	45	65	75	1		
1931E/32.5N	72-B-1045	20	30	20	40	40	1		
1931E/33N	72-B-1046	40	55	50	55	80	1		
1931E/33.5N	72-B-1047	40	60	50	65	80	1		
1931E/34N	72-B-1048	20	30	20	50	40	1		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1
B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007826 PROJECT No.: EL.7/68 - DUNDAS CARBINE EAST

LAB. SHEET No.: 918/4 SAMPLE TYPE: SOIL PROFILE DATE: 24th February, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
37.5N/0.5E	72-B-1049	BLD	BLD	BLD	25	15	BLD
37.5N/1E	72-B-1050	BLD	5	BLD	10	BLD	BLD
37.5N/1.5E	72-B-1051	BLD	BLD	BLD	25	15	1
37.5N/2E	72-B-1052	BLD	BLD	BLD	10	30	BLD
37.5N/2.5E	72-B-1053	BLD	5	BLD	20	5	BLD
37.5N/3E	72-B-1054	BLD	5	BLD	15	5	BLD
37.5N/3.5E	72-B-1055	5	10	50	60	70	1
37.5N/4E	72-B-1056	BLD	BLD	BLD	15	BLD	BLD
37.5N/4.5E	72-B-1057	10	BLD	BLD	45	40	BLD
37.5N/5E	72-B-1058	2	BLD	BLD	55	35	BLD
37.5N/5.5E	72-B-1059	BLD	BLD	5	25	10	1
37.5N/6E	72-B-1060	10	10	10	30	15	1
37.5N/6.5E	72-B-1061	BLD	5	BLD	15	5	BLD
37.5N/7E	72-B-1062	2	5	5	50	20	BLD
37.5N/7.5E	72-B-1063	BLD	5	5	20	5	BLD
37.5N/8E	72-B-1064	10	10	5	35	20	1
37.5N/8.5E	72-B-1065	BLD	5	BLD	30	15	1
37.5N/9E	72-B-1066	2	5	5	15	10	1
37.5N/9.5E	72-B-1067	BLD	5	BLD	10	BLD	1
37.5N/10E	72-B-1068	BLD	BLD	BLD	30	10	BLD
37.5N/10.5E	72-B-1069	BLD	5	5	15	BLD	BLD
37.5N/11E	72-B-1070	10	10	5	35	10	1
37.5N/11.5E	72-B-1071	25	15	10	25	20	1
37.5N/12E	72-B-1072	15	10	5	50	20	BLD
37.5N/12.5E	72-B-1073	15	10	5	25	15	BLD
37.5N/13E	72-B-1074	BLD	BLD	BLD	10	BLD	BLD
37.5N/13.5E	72-B-1075	10	BLD	BLD	45	25	BLD
37.5N/14E	72-B-1076	20	10	20	40	60	BLD
37.5N/14.5E	72-B-1077	35	BLD	5	165	15	BLD
37.5N/15E	72-B-1078	15	BLD	BLD	55	20	BLD
37.5N/15.5E	72-B-1079	BLD	BLD	BLD	35	10	BLD
37.5N/16E	72-B-1080	BLD	BLD	BLD	15	10	BLD
37.5N/16.5E	72-B-1081	BLD	BLD	BLD	35	10	BLD
37.5N/17E	72-B-1082	10	BLD	BLD	125	60	BLD
37.5N/17.5E	72-B-1083	5	BLD	BLD	30	5	BLD
37.5N/18E	72-B-1084	BLD	BLD	BLD	15	BLD	BLD
37.5N/18.5E	72-B-1085	BLD	BLD	BLD	10	BLD	1
37.5N/19E	72-B-1086	BLD	BLD	BLD	10	BLD	BLD

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007827 PROJECT No.: EL.7/68 - DUNDAS - CARBINE EAST

LAB. SHEET No.: 918/5 SAMPLE TYPE: SOIL PROFILE DATE: 24th February, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
36N/0.5E	72-B-1087	BLD	BLD	BLD	10	BLD	BLD		
36N/1E	72-B-1088	BLD	BLD	BLD	15	BLD	BLD		
36N/1.5E	72-B-1089	BLD	BLD	BLD	5	5	BLD		
36N/2E	72-B-1090	BLD	BLD	BLD	5	BLD	BLD		
36N/2.5E	72-B-1091	BLD	BLD	BLD	20	BLD	BLD		
36N/3E	72-B-1092	5	BLD	BLD	20	5	BLD		
36N/3.5E	72-B-1093	2	BLD	BLD	20	2	BLD		
36N/4E	72-B-1094	BLD	5	5	20	5	BLD		
36N/4.5E	72-B-1095	BLD	BLD	BLD	25	5	BLD		
36N/5E	72-B-1096	BLD	BLD	BLD	5	5	BLD		
36N/5.5E	72-B-1097	2	BLD	5	25	15	BLD		
36N/6E	72-B-1098	2	10	5	45	15	1		
36N/6.5E	72-B-1099	BLD	BLD	BLD	5	10	BLD		
36N/7E	72-B-1100	BLD	BLD	BLD	10	10	BLD		
36N/7.5E	72-B-1101	BLD	BLD	BLD	10	2	BLD		
36N/8E	72-B-1102	BLD	BLD	BLD	15	2	BLD		
36N/8.5E	72-B-1103	BLD	BLD	BLD	15	2	BLD		
36N/9E	72-B-1104	10	10	5	20	5	BLD		
36N/9.5E	72-B-1105	10	10	BLD	20	10	BLD		
36N/10E	72-B-1106	60	20	10	20	30	BLD		
36N/10.5E	72-B-1107	20	10	10	30	20	1		
36N/11E	72-B-1108	20	10	10	35	15	BLD		
36N/11.5E	72-B-1109	15	5	5	25	10	BLD		
36N/12E	72-B-1110	2	5	BLD	15	5	BLD		
36N/12.5E	72-B-1111	25	10	BLD	25	20	BLD		
36N/13E	72-B-1112	BLD	5	BLD	20	15	BLD		
36N/13.5E	72-B-1113	40	10	10	25	10	1		
36N/14E	72-B-1114	10	BLD	BLD	20	5	BLD		
36N/14.5E	72-B-1115	BLD	BLD	BLD	45	2	BLD		
36N/15E	72-B-1116	BLD	BLD	BLD	25	2	BLD		
36N/15.5E	72-B-1117	BLD	BLD	BLD	20	BLD	BLD		
36N/16E	72-B-1118	BLD	BLD	BLD	50	5	BLD		
36N/16.5E	72-B-1119	10	BLD	BLD	65	5	BLD		
36N/17E	72-B-1120	BLD	BLD	BLD	55	2	BLD		
36N/17.5E	72-B-1121	BLD	BLD	BLD	20	2	BLD		
36N/18E	72-B-1122	BLD	BLD	BLD	35	15	BLD		
36N/18.5E	72-B-1123	BLD	BLD	BLD	5	5	BLD		
36N/19E	72-B-1124	BLD	BLD	BLD	5	5	BLD		
36N/19.31E	72-B-1125	BLD	BLD	BLD	5	BLD	BLD		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007837 PROJECT No.: EL. 7/68 - DUNDAS - D.D.H. KH2

LAB. SHEET No.: 929/1 SAMPLE TYPE: CORE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm
290' - 293'	72-B-1768	250	130
293' - 294'8"	72-B-1769	800	1050
298' - 300'	72-B-1770	420	1100
300' - 305'	72-B-1771	140	210
305' - 308'	72-B-1772	80	120
308' - 310'	72-B-1773	80	160
314' - 315'	72-B-1774	220	360
315' - 320'	72-B-1775	290	290
320' - 325'	72-B-1776	430	380
325' - 330'	72-B-1777	55	180
330' - 335'	72-B-1778	35	165
335' - 340'	72-B-1779	230	175
340' - 345'	72-B-1780	390	165
345' - 350'	72-B-1781	45	210
350' - 355'	72-B-1782	800	0.27%
358' - 360'	72-B-1783	390	660
362'3"- 365'	72-B-1784	760	0.22%

METHODS:

Pb, Zn by G.R.C. No. 101

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007838 PROJECT No.: EL.7/68 - DUNDAS - D.D.H. KH1

LAB. SHEET No.: 929/2 SAMPLE TYPE: CORE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm
332' - 335'	72-B-1785	820	1050
335' - 340'	72-B-1786	220	220
340' - 345'	72-B-1787	95	170
345' - 350'	72-B-1788	75	130
676' - 678'	72-B-1789	90	390
678' - 681'9"	72-B-1790	150	460
800' - 805'	72-B-1791	65	145
805' - 810'	72-B-1792	100	320
810' - 815'	72-B-1793	1000	1750
815' - 818'	72-B-1794	0.24%	1850
818' - 820'	72-B-1795	0.38%	640
820' - 821'	72-B-1796	1600	440
831' - 832'	72-B-1797	0.40%	1050
832' - 835'	72-B-1798	1200	230
835' - 840'	72-B-1799	200	170

METHODS:

Pb, Zn by G.R.C. No. 101

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007839 PROJECT No.: EL.7/68 - DUNDAS CARBINE EAST EXTN. 22

LAB. SHEET No.: 929/3 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
22N/0.5E	72-B-1800	100	10	10	365	40	6
22N/1E	72-B-1801	BLD	BLD	BLD	50	10	1
22N/1.5E	72-B-1802	10	5	BLD	215	40	2
22N/2E	72-B-1803	BLD	BLD	BLD	30	5	1
22N/2.5E	72-B-1804	2	5	BLD	55	10	BLD
22N/3E	72-B-1805	BLD	BLD	BLD	30	BLD	BLD
22N/3.5E	72-B-1806	BLD	BLD	BLD	20	BLD	BLD
22N/4E	72-B-1807	BLD	BLD	BLD	30	10	BLD
22N/4.5E	72-B-1808	BLD	BLD	BLD	30	BLD	BLD
22N/5E	72-B-1809	BLD	BLD	BLD	30	5	BLD
22N/5.5E	72-B-1810	BLD	BLD	BLD	20	2	BLD
22N/6E	72-B-1811	10	5	15	85	10	1
22N/6.5E	72-B-1812	2	5	BLD	70	10	1
22N/7E	72-B-1813	10	BLD	BLD	80	2	1
22N/7.5E	72-B-1814	BLD	BLD	BLD	15	BLD	1
22N/8E	72-B-1815	80	15	30	230	185	3
22N/8.5E	72-B-1816	10	BLD	10	290	30	1
22N/9E	72-B-1817	10	5	15	440	10	2
22N/9.5E	72-B-1818	5	BLD	5	115	2	1

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007839 PROJECT No.: EL.7/68 - DUNDAS CARBINE EAST EXTN. 24

LAB. SHEET No.: 929/4 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
24N/0.5E	72-B-1819	50	30	35	1100	465	3		
24N/1E	72-B-1820	20	60	30	220	170	1		
24N/1.5E	72-B-1821	BLD	5	BLD	30	2	1		
24N/2E	72-B-1822	BLD	BLD	BLD	40	10	1		
24N/2.5E	72-B-1823	BLD	10	BLD	50	10	1		
24N/3E	72-B-1824	BLD	BLD	BLD	40	10	BLD		
24N/3.5E	72-B-1825	BLD	BLD	BLD	25	2	BLD		
24N/4E	72-B-1826	BLD	BLD	BLD	20	BID	BLD		
24N/4.5E	72-B-1827	BLD	BLD	BLD	15	BLD	BLD		
24N/5E	72-B-1828	BLD	BLD	BLD	20	2	BLD		
24N/5.5E	72-B-1829	BLD	5	BLD	30	2	BLD		
24N/6E	72-B-1830	10	5	10	110	20	1		
24N/6.5E	72-B-1831	10	BLD	10	100	10	1		
24N/7E	72-B-1832	35	5	10	50	30	1		
24N/7.5E	72-B-1833	75	10	40	420	70	3		
24N/8E	72-B-1834	30	5	20	260	30	2		
24N/8.5E	72-B-1835	5	BLD	BLD	70	10	1		
24N/9E	72-B-1836	5	BLD	BLD	65	2	1		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007839 PROJECT No.: EL.7/68 - DUNDAS CARBINE EAST EXTN. 2(

LAB. SHEET No.: 929/5 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
20N/0.5E	72-B-1837	2	BLD	BLD	45	20	1		
20N/1E	72-B-1838	10	5	10	405	10	2		
20N/1.5E	72-B-1839	BLD	5	30	160	20	BLD		
20N/2E	72-B-1840	BLD	BLD	BLD	20	2	BLD		
20N/2.5E	72-B-1841	BLD	BLD	BLD	10	BLD	BLD		
20N/3E	72-B-1842	BLD	BLD	BLD	20	BLD	BLD		
20N/3.5E	72-B-1843	BLD	5	5	300	50	4		
20N/4E	72-B-1844	5	5	BLD	75	10	1		
20N/4.5E	72-B-1845	10	BLD	BLD	70	BLD	1		
20N/5E	72-B-1846	5	5	BLD	50	BLD	BLD		
20N/5.5E	72-B-1847	BLD	BLD	BLD	40	BLD	BLD		
20N/6E	72-B-1848	BLD	BLD	BLD	40	2	1		
20N/6.5E	72-B-1849	20	5	5	125	15	1		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007840 PROJECT No.: EL.7/68 - DUNDAS CARBINE EAST EXTN. 2(

LAB. SHEET No.: 929/6 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
20N/7E	72-B-1850	40	25	40	590	245	2		
20N/7.5E	72-B-1851	15	5	5	130	10	1		
20N/8E	72-B-1852	BLD	5	BLD	35	10	BLD		
20N/8.5E	72-B-1853	15	5	10	55	10	BLD		
20N/9E	72-B-1854	BLD	BLD	BLD	20	5	BLD		
20N/9.5E	72-B-1855	10	BLD	BLD	10	2	BLD		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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613265

GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007840 PROJECT No. EL. 7/68 - DUNDAS CARBINE EAST EXTN. 16N

LAB. SHEET No.: 929/7 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
16N/0.5E	72-B-1856	BLD	BLD	BLD	5	BLD	BLD		
16N/1E	72-B-1857	BLD	BLD	BLD	5	BLD	BLD		
16N/1.5E	72-B-1858	BLD	BLD	BLD	15	2	BLD		
16N/2E	72-B-1859	BLD	BLD	BLD	10	2	BLD		
16N/2.5E	71-B-1860	BLD	BLD	BLD	10	BLD	BLD		
16N/3E	72-B-1861	2	BLD	BLD	25	2	BLD		
16N/3.5E	72-B-1862	BLD	BLD	BLD	15	10	BLD		
16N/4E	72-B-1863	BLD	BLD	BLD	45	5	BLD		
16N/4.5E	72-B-1864	10	15	10	295	15	BLD		
16N/5E	72-B-1865	BLD	BLD	BLD	35	10	BLD		
16N/5.5E	72-B-1866	5	BLD	BLD	155	5	1		
16N/6E	72-B-1867	BLD	BLD	BLD	10	2	BLD		
16N/6.5E	72-B-1868	BLD	BLD	5	30	10	BLD		
16N/7E	72-B-1869	30	25	30	180	80	1		
16N/7.5E	72-B-1870	20	20	50	85	50	1		
16N/8E	72-B-1871	15	25	20	65	90	1		
16N/8.5E	72-B-1872	10	10	10	80	25	1		
16N/9E	72-B-1873	15	10	25	75	35	1		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007840 PROJECT No.: EL.7/68 - DUNDAS CARBINE EAST EXTN. 1

LAB. SHEET No.: 929/8 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
12N/0.5E	72-B-1874	10	5	5	60	15	1		
12N/1E	72-B-1875	10	5	15	55	40	1		
12N/1.5E	72-B-1876	BLD	5	BLD	35	10	BLD		
12N/2E	72-B-1877	25	20	35	90	35	1		
12N/2.5E	72-B-1878	10	5	5	50	20	BLD		
12N/3E	72-B-1879	10	5	BLD	35	10	BLD		
12N/3.5E	72-B-1880	BLD	BLD	BLD	25	10	BLD		
12N/4E	72-B-1881	5	BLD	BLD	50	25	BLD		
12N/4.5E	72-B-1882	20	BLD	10	40	10	1		
12N/5E	72-B-1883	10	BLD	5	50	10	1		
12N/5.5E	72-B-1884	35	20	30	210	90	1		
12N/6E	72-B-1885	15	15	15	130	40	1		
12N/6.5E	72-B-1886	BLD	BLD	BLD	25	2	BLD		
12N/7E	72-B-1887	5	10	10	75	50	BLD		
12N/7.5E	72-B-1888	2	BLD	BLD	65	25	BLD		
12N/8E	72-B-1889	10	10	5	50	20	1		
12N/8.5E	72-B-1890	10	BLD	5	70	15	1		
12N/9E	72-B-1891	10	5	5	65	20	1		
12N/9.5E	72-B-1892	10	10	5	85	30	1		
12N/10E	72-B-1893	35	20	20	60	65	1		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007840 PROJECT No. EL. 7/68 - DUNDAS CARBINE EAST EXTN. 14N

LAB. SHEET No.: 929/9 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
14N/0.5E	72-B-1894	15	10	10	50	20	1		
14N/1E	72-B-1895	110	15	10	70	40	1		
14N/1.5E	72-B-1896	BLD	BLD	BLD	10	5	BLD		
14N/2E	72-B-1897	35	20	35	340	95	1		
14N/2.5E	72-B-1898	BLD	BLD	BLD	20	5	BLD		
14N/3E	72-B-1899	15	5	10	75	15	1		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007841 PROJECT No.: EL.7/68 - DUNDAS CARBINE EAST EXTN. 14

LAB. SHEET No.: 929/10 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
14N/3.5E	72-B-1900	10	5	BLD	80	10	BLD		
14N/4E	72-B-1901	10	10	5	85	20	1		
14N/4.5E	72-B-1902	BLD	5	BLD	25	10	BLD		
14N/5E	72-B-1903	10	5	BLD	55	10	BLD		
14N/5.5E	72-B-1904	2	5	BLD	25	10	BLD		
14N/6E	72-B-1905	20	10	5	25	10	1		
14N/6.5E	72-B-1906	2	5	BLD	20	10	BLD		
14N/7E	72-B-1907	BLD	5	BLD	20	10	BLD		
14N/7.5E	72-B-1908	40	15	25	110	35	1		
14N/8E	72-B-1909	140	40	30	145	110	1		
14N/8.5E	72-B-1910	2	5	BLD	45	5	BLD		
14N/9E	72-B-1911	40	10	20	135	65	1		
14N/9.5E	72-B-1912	40	20	30	145	60	1		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007841 PROJECT No. EL. 7/68 - DUNDAS - CARBINE EAST EXTN. 10

LAB. SHEET No. 929/11 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
10E/12.5N	72-B-1913	20	10	10	45	20	BLD		
10E/13N	72-B-1914	10	BLD	BLD	45	10	BLD		
10E/13.5N	72-B-1915	25	5	BLD	50	15	BLD		
10E/14N	72-B-1916	35	10	30	155	30	1		
10E/14.5N	72-B-1917	45	20	20	180	75	1		
10E/15N	72-B-1918	50	25	20	235	120	2		
10E/15.5N	72-B-1919	20	15	20	235	70	1		
10E/16N	72-B-1920	50	35	50	450	120	1		
10E/16.5N	72-B-1921	45	20	40	425	90	1		
10E/17N	72-B-1922	50	30	120	620	100	1		
10E/17.5N	72-B-1923	5	5	5	105	5	1		
10E/18.5N	72-B-1924	35	10	10	170	30	1		
10E/19N	72-B-1925	10	5	BLD	50	5	BLD		
10E/19.5N	72-B-1926	20	5	20	115	10	2		
10E/20N	72-B-1927	BLD	BLD	BLD	25	5	1		
10E/20.5N	72-B-1928	10	5	BLD	105	15	1		
10E/21N	72-B-1929	5	BLD	BLD	75	35	9		
10E/21.5N	72-B-1930	2	BLD	BLD	25	BLD	BLD		
10E/22N	72-B-1931	BLD	BLD	BLD	25	5	BLD		
10E/22.5N	72-B-1932	15	5	10	235	20	1		
10E/23N	72-B-1933	BLD	BLD	BLD	25	BLD	BLD		
10E/24N	72-B-1934	10	5	40	295	20	1		
10E/24.5N	72-B-1935	2	BLD	BLD	45	10	BLD		
10E/24.85N	72-B-1936	BLD	BLD	BLD	50	20	BLD		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007841 PROJECT No.: EL.7/68 - DUNDAS CARBINE EAST EXTN. 18N

LAB. SHEET No.: 929/12 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
18N/1E	72-B-1937	BLD	5	BLD	25	15	BLD		
18N/1.5E	72-B-1938	BLD	BLD	BLD	30	5	BLD		
18N/2E	72-B-1939	BLD	BLD	BLD	25	5	BLD		
18N/2.5E	72-B-1940	10	10	BLD	135	10	1		
18N/3E	72-B-1941	10	5	BLD	115	10	1		
18N/3.5E	72-B-1942	10	5	5	75	10	1		
18N/4E	72-B-1943	BLD	BLD	BLD	25	BLD	BLD		
18N/4.5E	72-B-1944	BLD	BLD	BLD	15	BLD	BLD		
18N/5E	72-B-1945	BLD	BLD	BLD	10	2	BLD		
18N/5.5E	72-B-1946	BLD	BLD	BLD	30	2	BLD		
18N/6E	72-B-1947	BLD	BLD	BLD	20	2	BLD		
18N/6.5E	72-B-1948	BLD	BLD	BLD	25	10	BLD		
18N/7E	72-B-1949	15	BLD	BLD	75	15	BLD		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007842 PROJECT No.: EL.7/68 - DUNDAS CARBINE EAST EXTN.1

LAB. SHEET No.: 929/13 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
18N/7.5E	72-B-1950	40	15	10	40	30	1		
18N/8E	72-B-1951	50	20	20	55	30	1		
18N/8.5E	72-B-1952	35	10	10	130	30	1		
18N/9E	72-B-1953	120	15	100	580	95	2		
18N/9.5E	72-B-1954	10	5	5	180	15	1		
18N/10E	72-B-1955	10	5	5	115	5	1		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007910 PROJECT No.: EL. 7/68 - COMET KOSMINSKY GRID

LAB. SHEET No.: 931/1 SAMPLE TYPE: ROCK DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn %	Ag ppm				
CK 1	72-B-2501	160	13.2%	0.66	120				
CK 2	72-B-2502	85	2.0%	1.30	35				
CK 3	72-B-2503	15	820	0.11	7				
CK 4	72-B-2504	85	5.5%	0.29	75				

METHODS:

Cu, Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007911 PROJECT No.: EL.7/68 - COMET & KOSMINSKY GRID

LAB. SHEET No.: 931/2 SAMPLE TYPE: ROCK DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Pb %	Zn %	Ag ppm
CK 5	72-B-2505	29.3	2.1	470
CK 6	72-B-2506	4.7	0.29	35

METHODS:

Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007901 PROJECT No.: EL.7/68 - DUNDAS MONTEZUMA GRID

LAB. SHEET No.: 932/1 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
51.89N/10W	72-B-2039	5	20	20	400	250	1		
51.89N/9.5W	72-B-2040	BLD	BLD	BLD	15	5	BLD		
51.89N/9W	72-B-2041	BLD	BLD	BLD	35	10	BLD		
51.89N/8.5W	72-B-2042	BLD	BLD	BLD	20	BLD	BLD		
51.89N/8.0W	72-B-2043	BLD	BLD	BLD	25	BLD	BLD		
51.89N/7.5W	72-B-2044	BLD	BLD	BLD	25	BLD	BLD		
51.89N/7.0W	72-B-2045	15	5	BLD	55	5	1		
51.89N/6.5W	72-B-2046	BLD	BLD	BLD	50	5	BLD		
51.89N/6.0W	72-B-2047	BLD	BLD	BLD	20	BLD	BLD		
51.89N/5.5W	72-B-2048	BLD	BLD	BLD	45	BLD	BLD		
51.89N/5.0W	72-B-2049	BLD	BLD	BLD	45	BLD	BLD		
51.89N/4.5W	72-B-2050	BLD	BLD	BLD	40	BLD	BLD		
51.89N/4.0W	72-B-2051	BLD	BLD	BLD	60	5	BLD		
51.89N/3.5W	72-B-2052	BLD	BLD	BLD	15	BLD	BLD		
51.89N/3.0W	72-B-2053	BLD	BLD	BLD	35	BLD	BLD		
51.89N/2.5W	72-B-2054	BLD	BLD	BLD	50	2	1		
51.89N/2.0W	72-B-2055	BLD	BLD	BLD	250	2	1		
51.89N/1.75W	72-B-2056	BLD	BLD	BLD	155	5	1		
51.89N/1.50W	72-B-2057	BLD	BLD	BLD	245	5	1		
51.89N/1.25W	72-B-2058	BLD	BLD	BLD	230	10	1		
51.89N/1.0W	72-B-2059	2	BLD	BLD	255	2	2		
51.89N/0.75W	72-B-2060	25	30	90	285	100	1		
51.89N/0.50W	72-B-2061	30	25	80	535	150	2		
51.89N/0.25W	72-B-2062	BLD	BLD	BLD	100	10	1		
51.89N/00	72-B-2063	20	30	45	125	65	1		
51.89N/0.25E	72-B-2064	20	15	50	535	80	2		
51.89N/0.50E	72-B-2065	30	40	15	55	55	1		
51.89N/0.75E	72-B-2066	35	25	30	350	110	1		
51.89N/1.0E	72-B-2067	95	100	395	4400	480	3		
51.89N/1.25E	72-B-2068	2	5	BLD	165	10	2		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007901 PROJECT No.: EL. 7/68 - DUNDAS - MONTEZUMA GRID

LAB. SHEET No.: 932/2 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm
51.89N/1.50E	72-B-2069	10	5	5	285	170	2
51.89N/1.75E	72-B-2070	10	10	5	40	15	BLD
51.89N/2.0E	72-B-2071	10	5	BLD	45	10	1
51.89N/2.25E	72-B-2072	40	10	5	55	30	1
51.89N/2.50E	72-B-2073	20	20	10	40	35	BLD
51.89N/2.75E	72-B-2074	35	20	10	40	65	1
51.89N/3.0E	72-B-2075	10	10	BLD	25	10	BLD
51.89N/3.5E	72-B-2076	10	10	BLD	45	10	BLD
51.89N/4.0E	72-B-2077	10	15	5	40	10	BLD
51.89N/4.5E	72-B-2078	20	35	10	55	30	BLD
51.89N/5.0E	72-B-2079	40	65	30	80	90	1
51.89N/5.5E	72-B-2080	35	80	45	105	190	1
51.89N/6.0E	72-B-2081	40	55	40	75	135	1
51.89N/6.5E	72-B-2082	30	140	50	15	190	1
51.89N/7.0E	72-B-2083	25	50	30	45	100	1

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007902 PROJECT No.: EL.7/68 - DUNDAS MONTEZUMA GRID

LAB. SHEET No.: 932/3 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
47.5N/9.5W	72-B-2084	5	BLD	BLD	620	20	4		
47.5N/9.25W	72-B-2085	BLD	BLD	BLD	210	5	1		
47.5N/9.0W	72-B-2086	BLD	BLD	BLD	255	5	3		
47.5N/8.75W	72-B-2087	10	BLD	BLD	4300	10	3		
47.5N/8.50W	72-B-2088	BLD	BLD	BLD	290	BLD	1		
47.5N/8.25W	72-B-2089	BLD	BLD	BLD	175	5	BLD		
47.5N/8.0W	72-B-2090	5	BLD	BLD	215	20	BLD		
47.5N/7.75W	72-B-2091	2	BLD	BLD	200	15	BLD		
47.5N/7.50W	72-B-2092	BLD	BLD	BLD	195	BLD	BLD		
47.5N/7.25W	72-B-2093	BLD	BLD	BLD	260	2	BLD		
47.5N/7.0W	72-B-2094	2	5	BLD	70	10	1		
47.5N/6.75W	72-B-2095	2	BLD	BLD	45	5	BLD		
47.5N/6.50W	72-B-2096	BLD	BLD	BLD	25	BLD	BLD		
47.5N/6.25W	72-B-2097	BLD	BLD	BLD	35	5	BLD		
47.5N/6.0W	72-B-2098	BLD	BLD	BLD	35	BLD	BLD		
47.5N/5.75W	72-B-2099	BLD	BLD	BLD	25	5	BLD		
47.5N/5.50W	72-B-2100	BLD	BLD	BLD	25	BLD	BLD		
47.5N/5.75W	72-B-2101	BLD	BLD	BLD	35	15	BLD		
47.5N/5.0W	72-B-2102	BLD	BLD	BLD	25	BLD	BLD		
47.5N/4.75W	72-B-2103	10	5	BLD	275	5	1		
47.5N/4.50W	72-B-2104	BLD	BLD	BLD	100	BLD	BLD		
47.5N/4.25W	72-B-2105	5	BLD	BLD	1550	5	BLD		
47.5N/4.00W	72-B-2106	110	15	BLD	1300	500	1		
47.5N/3.75W	72-B-2107	950	80	10	.95%	2850	2		
47.5N/3.50W	72-B-2108	40	5	BLD	665	30	2		
47.5N/3.75W	72-B-2109	520	70	5	2400	130	6		
47.5N/3.0W	72-B-2110	280	30	20	1600	130	5		
47.5N/2.75W	72-B-2111	390	20	10	1100	510	2		
47.5N/2.50W	72-B-2112	270	40	10	850	1000	2		
47.5N/2.25W	72-B-2113	250	95	90	1400	1300	6		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007902 PROJECT No.: EL. 7/68 - DUNDAS - MONTEZUMA GRID

LAB. SHEET No.: 932/4 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
47.5N/2.00W	72-B-2114	15	BLD	BLD	55	5	1		
47.5N/1.75W	72-B-2115	75	5	10	70	150	BLD		
47.5N/1.50W	72-B-2116	BLD	BLD	BLD	10	10	BLD		
47.5N/1.25W	72-B-2117	100	5	15	85	140	BLD		
47.5N/1.0W	72-B-2118	40	30	35	35	90	1		
47.5N/0.75W	72-B-2119	20	20	15	400	480	BLD		
47.5N/9.80W	72-B-2120	2	BLD	BLD	25	25	BLD		
47.5N/0.25W	72-B-2121	BLD	BLD	BLD	15	10	BLD		
47.5N/00	72-B-2122	2	BLD	BLD	50	15	BLD		

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007903 PROJECT No.: EL.7/68 - DUNDAS MONTEZUMA GRID

LAB. SHEET No.: 932/5 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
40N/7.0W	72-B-2123	40	15	5	60	15	BLD		
40N/6.5W	72-B-2124	10	5	BLD	170	10	BLD		
40N/6.0W	72-B-2125	10	5	BLD	145	10	BLD		
40N/5.5W	72-B-2126	25	10	5	105	40	1		
40N/5.0W	72-B-2127	30	5	10	170	50	1		
40N/4.75W	72-B-2128	45	BLD	10	110	20	1		
40N/4.5W	72-B-2129	30	5	5	125	20	BLD		
40N/4.25W	72-B-2130	75	20	60	650	255	1		
40N/4.0W	72-B-2131	15	10	10	100	25	1		
40N/3.75W	72-B-2132	30	25	50	755	265	1		
40N/3.5W	72-B-2133	10	10	55	410	180	1		
40N/3.25W	72-B-2134	45	20	15	100	250	1		
40N/3.0W	72-B-2135	15	10	70	2100	230	3		
40N/2.75W	72-B-2136	10	5	10	400	80	1		
40N/2.5W	72-B-2137	20	10	10	2400	480	9		
40N/2.25W	72-B-2138	40	5	45	1.86%	185	14		
40N/2.0W	72-B-2139	10	BLD	BLD	555	35	1		
40N/1.75W	72-B-3240	35	BLD	5	455	80	1		
40N/1.5W	72-B-3241	45	5	10	570	40	2		
40N/1.25W	72-B-3242	40	BLD	10	610	10	1		
40N/1.0W	72-B-3243	10	BLD	BLD	605	10	1		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007904 PROJECT No: EL. 7/68 - DUNDAS MONTEZUMA GRID

LAB. SHEET No.: 932/6 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
36N/3.0W	72-B-2144	BLD	BLD	BLD	20	BLD	BLD		
36N/2.5W	72-B-2145	BLD	BLD	BLD	25	BLD	BLD		
36N/2.0W	72-B-2146	40	15	15	55	95	BLD		
36N/1.5W	72-B-2147	5	BLD	BLD	20	BLD	BLD		
36N/1.0W	72-B-2148	40	5	5	50	15	BLD		
36N/0.75W	72-B-2149	5	BLD	BLD	30	BLD	BLD		
36N/0.5W	72-B-2150	10	5	5	30	10	BLD		
36N/0.25W	72-B-2151	BLD	BLD	BLD	20	BLD	BLD		
36N/00	72-B-2152	BLD	BLD	BLD	20	BLD	BLD		
36N/0.25E	72-B-2153	10	BLD	BLD	30	BLD	BLD		
36N/0.5E	72-B-2154	BLD	BLD	BLD	20	BLD	BLD		
36N/0.75E	72-B-2155	BLD	BLD	BLD	20	BLD	BLD		
36N/1.0E	72-B-2156	BLD	BLD	BLD	35	BLD	BLD		
36N/1.25E	72-B-2157	BLD	BLD	BLD	25	BLD	BLD		
36N/1.5E	72-B-2158	2	BLD	BLD	65	BLD	1		
36N/1.75E	72-B-2159	BLD	BLD	BLD	30	2	BLD		
36N/2.0E	72-B-2160	BLD	BLD	BLD	25	10	BLD		
36N/2.25E	72-B-2161	BLD	BLD	BLD	45	10	BLD		
36N/2.5E	72-B-2162	BLD	BLD	BLD	50	10	1		
36N/2.75E	72-B-2163	10	5	BLD	545	10	3		
36N/3.0E	72-B-2164	BLD	BLD	BLD	40	2	1		
36N/3.25E	72-B-2165	BLD	BLD	BLD	30	BLD	BLD		
36N/3.5E	72-B-2166	5	BLD	BLD	110	35	BLD		
36N/3.75E	72-B-2167	BLD	BLD	BLD	40	20	BLD		
36N/4.0E	72-B-2168	BLD	BLD	BLD	55	BLD	BLD		
36N/4.25E	72-B-2169	BLD	BLD	BLD	40	BLD	BLD		
36N/4.5E	72-B-2170	BLD	BLD	BLD	15	BLD	BLD		
36N/4.75E	72-B-2171	5	BLD	BLD	25	10	BLD		
36N/5.0E	72-B-2172	2	BLD	BLD	45	35	BLD		
36N/5.5E	72-B-2173	BLD	BLD	BLD	25	BLD	BLD		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007904 PROJECT No.: EL.7/68 - DUNDAS MONTEZUMA GRID

LAB. SHEET No.: 932/7 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
36N/6.0E	72-B-2174	BLD	BLD	BLD	30	2	BLD		
36N/6.5E	72-B-2175	BLD	BLD	BLD	30	2	1		
36N/7.0E	72-B-2176	2	BLD	BLD	60	BLD	1		
36N/7.5E	72-B-2177	BLD	BLD	BLD	40	BLD	BLD		
36N/8.0E	72-B-2178	2	5	BLD	40	BLD	1		

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007905 PROJECT No.: EL.7/68 - DUNDAS MONTEZUMA GRID

LAB. SHEET No.: 932/8 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
28N/3.0W	72-B-2179	40	10	10	100	25	1		
28N/2.75W	72-B-2180	25	10	10	40	15	BLD		
28N/2.5W	72-B-2181	30	15	10	65	25	1		
28N/2.25W	72-B-2182	10	10	10	45	20	1		
28N/2.0W	72-B-2183	5	5	BLD	50	10	1		
28N/1.75W	72-B-2184	40	20	10	110	70	1		
28N/1.5W	72-B-2185	20	BLD	10	115	30	BLD		
28N/1.25W	72-B-2186	10	10	BLD	65	20	BLD		
28N/1.0W	72-B-2187	5	BLD	BLD	25	5	BLD		
28N/0.75W	72-B-2188	10	10	BLD	75	5	BLD		
28N/0.5W	72-B-2189	5	BLD	BLD	70	5	1		
28N/0.25W	72-B-2190	2	BLD	BLD	50	BLD	BLD		
28N/00	72-B-2191	S A M P L E M I S S I N G							
28N/0.25E	72-B-2192	2	10	5	40	10	BLD		
28N/0.5E	72-B-2193	BLD	5	BLD	40	5	1		
28N/0.75E	72-B-2194	BLD	BLD	BLD	30	2	BLD		
28N/1.0E	72-B-2195	BLD	BLD	BLD	35	5	BLD		
28N/1.25E	72-B-2196	10	BLD	BLD	40	10	BLD		
28N/1.5E	72-B-2197	10	5	BLD	50	10	BLD		
28N/1.75E	72-B-2198	5	5	5	50	10	BLD		
28N/2.0E	72-B-2199	10	BLD	BLD	65	10	1		
28N/2.25E	72-B-2200	5	10	5	65	15	1		
28N/2.5E	72-B-2201	10	10	5	100	25	1		
28N/2.75E	72-B-2202	15	15	10	105	35	1		
28N/3.0E	72-B-2203	15	15	10	80	40	1		
28N/3.25E	72-B-2204	30	20	15	90	80	1		
28N/3.5E	72-B-2205	15	10	5	80	30	BLD		
28N/3.75E	72-B-2206	15	20	5	120	45	1		
28N/4.0E	72-B-2207	20	10	5	170	40	1		
28N/4.25E	72-B-2208	5	5	BLD	100	10	BLD		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007905 PROJECT No.: EL.7/68 - DUNDAS - MONTEZUMA GRID

LAB. SHEET No.: 932/9 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
28N/4.5E	72-B-2209	20	10	10	85	35	1		
28N/4.75E	72-B-2210	10	10	5	35	20	BLD		
28N/5.0E	72-B-2211	25	30	15	75	70	1		
28N/5.25E	72-B-2112	20	30	10	60	60	BLD		
28N/5.5E	72-B-2113	20	35	10	70	50	1		
28N/5.75E	72-B-2114	30	45	20	85	90	1		
28N/6.0E	72-B-2115	50	80	25	70	155	1		
28N/6.25E	72-B-2116	95	245	40	75	270	1		
28N/6.5E	72-B-2117	30	60	20	70	85	1		
28N/6.75E	72-B-2118	30	40	20	55	75	1		
28N/7.0E	72-B-2119	30	30	20	65	60	1		
28N/7.25E	72-B-2120	15	30	15	30	55	1		
28N/7.5E	72-B-2121	20	30	20	45	75	BLD		
28N/7.75E	72-B-2122	20	30	15	30	70	1		
28N/8.0E	72-B-2123	20	70	40	25	155	1		
28N/8.25E	72-B-2124	15	25	20	50	80	BLD		
28N/8.5E	72-B-2125	2	10	5	40	20	BLD		
60E/28N	72-B-2126	20	5	BLD	45	10	1		

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007907 PROJECT No.: EL.7/68 - DUNDAS MONTEZUMA GRID

LAB. SHEET No.: 932/10 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
12N/10W	72-B-2227	BLD	BLD	BLD	5	BLD	BLD		
12N/9.5W	72-B-2228	BLD	BLD	BLD	20	BLD	BLD		
12N/9W	72-B-2229	BLD	BLD	BLD	10	BLD	BLD		
12N/8.5W	72-B-2230	BLD	BLD	BLD	10	BLD	BLD		
12N/8W	72-B-2231	BLD	BLD	BLD	20	BLD	BLD		
12N/7.5W	72-B-2232	25	BLD	BLD	25	5	BLD		
12N/7W	72-B-2233	BLD	BLD	BLD	25	2	BLD		
12N/6.5W	72-B-2234	BLD	BLD	BLD	30	2	BLD		
12N/6W	72-B-2235	BLD	25	10	35	10	BLD		
12N/5.5W	72-B-2236	15	20	10	45	30	BLD		
12N/5W	72-B-2237	45	10	5	30	10	BLD		
12N/4.5W	72-B-2238	10	5	BLD	35	10	BLD		
12N/4W	72-B-2239	30	30	15	120	100	1		
12N/3.5W	72-B-2240	BLD	BLD	BLD	25	BLD	BLD		
12N/3.25W	72-B-2241	2	BLD	BLD	20	BLD	BLD		
12N/3W	72-B-2242	5	BLD	BLD	30	2	BLD		
12N/2.75W	72-B-2243	5	BLD	BLD	35	BLD	BLD		
12N/2.5W	72-B-2244	5	BLD	BLD	65	10	BLD		
12N/2.25W	72-B-2245	BLD	BLD	BLD	20	BLD	BLD		
12N/2W	72-B-2246	2	BLD	BLD	30	2	BLD		
12N/1.75W	72-B-2247	5	BLD	BLD	30	BLD	1		
12N/1.5W	72-B-2248	BLD	BLD	BLD	50	10	BLD		
12N/1.25W	72-B-2249	60	50	25	60	85	1		
12N/1W	72-B-2250	2	BLD	BLD	50	BLD	BLD		
12N/0.75W	72-B-2251	40	25	20	140	100	BLD		
12N/0.5W	72-B-2252	70	65	35	120	275	1		
12N/0.25W	72-B-2253	50	50	30	85	140	1		
60E/12N	72-B-2254	50	55	25	55	75	1		
12N/0.25E	72-B-2255	65	70	30	60	105	1		
12N/0.5E	72-B-2256	100	75	30	70	150	1		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007907 PROJECT No.: EL.7/68 - DUNDAS - MONTEZUMA GRID

LAB. SHEET No.: 932/11 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
12N/0.75E	72-B-2257	30	25	10	55	40	BLD		
12N/1E	72-B-2258	50	40	20	75	80	BLD		
12N/1.25E	72-B-2259	BLD	BLD	BLD	35	10	BLD		
12N/1.5E	72-B-2260	40	50	30	60	90	1		
12N/1.75E	72-B-2261	70	90	35	40	160	1		
12N/2E	72-B-2262	60	50	20	70	80	1		
12N/2.25E	72-B-2263	40	50	20	40	80	1		
12N/2.5E	72-B-2264	125	100	25	105	140	1		
12N/2.75E	72-B-2265	30	30	10	40	40	1		
12N/3E	72-B-2266	30	30	10	55	40	BLD		
12N/3.25E	72-B-2267	55	40	10	90	75	BLD		
12N/3.5E	72-B-2268	70	60	20	75	105	BLD		
12N/3.75E	72-B-2269	60	125	60	35	165	1		
12N/4E	72-B-2270	45	175	50	40	150	1		
12N/4.25E	72-B-2271	10	20	5	65	25	BLD		
12N/4.5E	72-B-2272	20	25	10	45	35	BLD		
12N/4.75E	72-B-2273	35	35	10	60	55	BLD		
12N/5E	72-B-2274	30	50	10	30	70	BLD		
12N/5.5E	72-B-2275	5	10	5	80	15	BLD		
12N/00W	72-B-2276	95	95	30	60	195	1		

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007848 PROJECT No.: EL.7/68 - DUNDAS SILVER GRID

LAB. SHEET No.: 933/1 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm
LINE 00/00	72-B-2528	10	10	BLD
00/025E	72-B-2529	15	5	BLD
00/0.50E	72-B-2530	40	50	1
00/0.75E	72-B-2531	45	80	1
00/1.0E	72-B-2532	35	25	1
00/1.25E	72-B-2533	40	40	1
00/1.5E	72-B-2534	40	135	2
00/1.75E	72-B-2535	30	30	BLD
00/2.0E	72-B-2536	50	55	1
00/2.25E	72-B-2537	20	15	BLD
00/2.50E	72-B-2538	20	10	BLD
00/2.75E	72-B-2539	15	10	BLD
00/3.0E	72-B-2540	50	40	BLD

METHODS:

Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007848 PROJECT No.: EL. 7/68 - DUNDAS SILVER GRID

LAB. SHEET No.: 933/2 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm
LINE 0.5N/00	72-B-2541	2300	165	10
0.5N/0.25E	72-B-2542	320	100	3
0.5N/0.5E	72-B-2543	620	125	3
0.5N/0.75E	72-B-2544	45	30	BLD
0.5N/1.0E	72-B-2545	35	20	BLD
0.5N/1.25E	72-B-2546	45	10	BLD
0.5N/1.5E	72-B-2547	40	15	BLD
0.5N/1.75E	72-B-2548	35	15	BLD
0.5N/2.0E	72-B-2549	15	10	BLD
0.5N/2.25E	72-B-2550	360	425	2
0.5N/2.50E	72-B-2551	3850	800	5
0.5N/2.75E	72-B-2552	50	160	1
0.5N/3.0E	72-B-2553	80	80	1

METHODS:

Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007848 PROJECT No.: EL.7/68 - DUNDAS SILVER GRID

LAB. SHEET No.: 933/3 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm
LINE 1.ON/00	72-B-2554	490	245	2
1.ON/0.25E	72-B-2555	85	50	1
1.ON/0.5E	72-B-2556	475	210	2
1.ON/0.75E	72-B-2557	280	285	1
1.ON/1.0E	72-B-2558	4400	800	20
1.ON/1.25E	72-B-2559	4100	635	15
1.ON/1.5E	72-B-2560	310	105	4
1.ON/1.75E	72-B-2561	570	125	2
1.ON/2.0E	72-B-2562	245	100	1
1.ON/2.25E	72-B-2563	1450	320	7
1.ON/2.50E	72-B-2564	755	165	3
1.ON/2.75E	72-B-2565	50	50	BLD
1.ON/3.0E	72-B-2566	50	50	BLD

METHODS:
Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007849 PROJECT No.: EL.7/68 - DUNDAS SILVER GRID

LAB. SHEET No.: 933/4 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm
LINE 1.5N/00	72-B-2567	470	100	2
1.5N/0.25E	72-B-2568	180	65	1
1.5N/0.5E	72-B-2569	450	270	2
1.5N/0.75E	72-B-2570	210	120	1
1.5N/1.0E	72-B-2571	265	140	BLD
1.5N/1.25E	72-B-2572	270	240	1
1.5N/1.5E	72-B-2573	1050	180	3
1.5N/1.75E	72-B-2574	3500	490	16
1.5N/2.0E	72-B-2575	230	165	1
1.5N/2.25E	72-B-2576	7900	250	8
1.5N/2.5E	72-B-2577	550	145	3
1.5N/2.75E	72-B-2578	8500	940	23

METHODS:

Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007849 PROJECT No. EL.7/68 - DUNDAS SILVER GRID

LAB. SHEET No.: 933/5 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm
LINE 2.0N/00	72-B-2579	160	20	1
2.0N/0.25E	72-B-2580	120	25	BLD
2.0N/0.5E	72-B-2581	120	20	BLD
2.0N/0.75E	72-B-2582	110	20	BLD
2.0N/1.0E	72-B-2583	115	10	BLD
2.0N/1.25E	72-B-2584	100	20	BLD
2.0N/1.5E	72-B-2585	490	25	BLD
2.0N/1.75E	72-B-2586	215	15	2
2.0N/2.0E	72-B-2587	75	30	BLD
2.0N/2.25E	72-B-2588	180	20	BLD
2.0N/2.5E	72-B-2589	320	55	1
2.0N/2.75E	72-B-2590	380	90	1
2.0N/3.0E	72-B-2591	1150	35	1

METHODS:

Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007849 PROJECT No.: EL.7/68 - DUNDAS SILVER GRID

LAB. SHEET No.: 933/6 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm
LINE 2.5N/00	72-B-2592	150	55	1
2.5N/0.25E	72-B-2593	40	20	BLD
2.5N/0.5E	72-B-2594	85	20	BLD
2.5N/0.75E	72-B-2595	170	10	BLD
2.5N/1.0E	72-B-2596	250	20	BLD
2.5N/1.25E	72-B-2597	315	15	BLD
2.5N/1.5E	72-B-2598	370	10	BLD
2.5N/1.75E	72-B-2599	395	45	1
2.5N/2.0E	72-B-2600	235	20	BLD
2.5N/2.25E	72-B-2601	315	25	1
2.5N/2.5E	72-B-2602	1.88%	310	67
2.5N/3.0E	72-B-2603	380	60	1
2.5N/3.25E	72-B-2604	2550	135	3
2.5N/3.5E	72-B-2605	290	40	1
2.5N/3.75E	72-B-2606	1.04%	300	80

METHODS:

Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 007908 PROJECT No. EL.7/68 - DUNDAS SILVER GRID

LAB. SHEET No.: 933/7 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm
LINE 3.ON/00	72-B-2607	25	10	BLD
3.ON/0.25E	72-B-2608	20	15	BLD
3.ON/0.5E	72-B-2609	40	25	BLD
3.ON/0.75E	72-B-2610	55	10	BLD
3.ON/1.0E	72-B-2611	75	40	BLD
3.ON/1.25E	72-B-2612	75	20	BLD
3.ON/1.5E	72-B-2613	240	40	1
3.ON/1.75E	72-B-2614	365	70	1
3.ON/2.0E	72-B-2615	560	40	1
3.ON/2.25E	72-B-2616	1050	40	1
3.ON/2.5E	72-B-2617	1050	60	2
3.ON/2.75E	72-B-2618	3700	170	5
3.ON/3.0E	72-B-2619	2750	85	2
3.ON/3.25E	72-B-2620	1600	90	2
3.ON/3.5E	72-B-2621	255	65	1

METHODS:

Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007908 PROJECT No.: EL.7/68 - DUNDAS SILVER GRID

LAB. SHEET No.: 933/8 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm
LINE 3.5N/00	72-B-2622	45	40	1
3.5N/0.25E	72-B-2623	30	30	BLD
3.5N/0.5E	72-B-2624	65	45	1
3.5N/0.75E	72-B-2625	50	25	BLD
3.5N/1.0E	72-B-2626	60	30	1
3.6N/1.25E	72-B-2627	90	30	2
3.6N/1.50E	72-B-2628	160	25	BLD
3.6N/1.75E	72-B-2629	230	30	BLD
3.6N/2.0E	72-B-2630	370	60	1
3.6N/2.25E	72-B-2631	435	35	BLD
3.6N/2.5E	72-B-2632	1850	90	2
3.6N/2.75E	72-B-2633	1650	45	1
3.6N/3.0E	72-B-2634	2400	85	2
3.6N/3.25E	72-B-2635	2250	110	2
3.6N/3.50E	72-B-2636	720	275	2

METHODS:

Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007908 PROJECT No.: EL.7/68 - DUNDAS SILVER GRID

LAB. SHEET No.: 933/9 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm
LINE 4.ON/00	72-B-2637	50	60	1
4.ON/0.25E	72-B-2638	40	40	1
4.ON/0.5E	72-B-2639	20	20	BLD
4.ON/0.75E	72-B-2640	45	30	BLD
4.ON/1.0E	72-B-2641	40	20	BLD
4.ON/1.25E	72-B-2642	85	20	1
4.ON/1.5E	72-B-2643	80	80	2
4.ON/1.75E	72-B-2644	110	30	2
4.ON/2.0E	72-B-2645	135	30	1
4.ON/2.25E	72-B-2646	255	85	1
4.ON/2.5E	72-B-2647	455	50	2
4.ON/2.75E	72-B-2648	715	50	2
4.ON/3.0E	72-B-2649	390	20	BLD
4.ON/3.25E	72-B-2650	2000	25	1
4.ON/3.50E	72-B-2651	2000	40	1

METHODS:

Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007909 PROJECT No.: EL.7/68 - DUNDAS SILVER GRID

LAB. SHEET No.: 933/10 SAMPLE TYPE: SOIL PROF. DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm
LINE 4.5N/00	72-B-2651A	65	60	1
4.5N/0.25E	72-B-2652	75	60	1
4.5N/0.5E	72-B-2653	50	30	1
4.5N/0.75E	72-B-2654	30	15	BLD
4.5N/1.0E	72-B-2655	140	40	1
4.5N/1.25E	72-B-2656	70	20	1
4.5N/1.5E	72-B-2657	50	30	1
4.5N/1.75E	72-B-2658	140	25	1
4.5N/2.0E	72-B-2659	125	20	BLD
4.5N/2.25E	72-B-2660	190	30	1
4.5N/2.5E	72-B-2661	160	40	1
4.5N/2.75E	72-B-2662	825	50	2
4.5N/3.0E	72-B-2663	730	60	2
4.5N/3.25E	72-B-2664	535	50	1
4.5N/3.50E	72-B-2665	445	50	1

METHODS:

Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007909 PROJECT No.: EL.7/68 - DUNDAS SILVER GRID

LAB. SHEET No.: 933/11 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm
LINE 5.ON/00	72-B-2666	50	55	1
5.ON/0.25E	72-B-2667	45	50	1
5.ON/0.5E	72-B-2668	45	45	1
5.ON/0.75E	72-B-2669	80	30	1
5.ON/1.0E	72-B-2670	40	20	BLD
5.ON/1.25E	72-B-2671	50	45	2
5.ON/1.50E	72-B-2672	50	25	1
5.ON/1.75E	72-B-2673	50	30	1
5.ON/2.0E	72-B-2674	125	30	1
5.ON/2.25E	72-B-2675	250	30	1
5.ON/2.5E	72-B-2676	160	70	1
5.ON/2.75E	72-B-2677	275	120	2
5.ON/3.0E	72-B-2678	950	290	2

METHODS:

Pb, Zn, Ag by G.R.C. No. 1

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007850 PROJECT No.: EL.7/68 - DUNDAS MONTEZUMA

LAB. SHEET No.: 934/1 SAMPLE TYPE: SOIL PROFILE DATE: 6th March, 1972.

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm		
LT.2.50	72-B-2703	60	BLD	5	70	5	BLD		
LT.3.00	72-B-2704	20	10	5	80	20	BLD		
LT.3.50	72-B-2705	5	BLD	BLD	45	5	BLD		
LT.4.00	72-B-2706	2	BLD	BLD	45	10	BLD		
LT.4.25	72-B-2707	2	BLD	BLD	40	15	BLD		
LT.4.5	72-B-2708	BLD	BLD	BLD	35	5	BLD		
LT.4.75	72-B-2709	2	5	BLD	35	10	BLD		
LT.5.0	72-B-2710	2	5	BLD	35	10	BLD		
LT.5.25	72-B-2711	BLD	BLD	BLD	20	5	BLD		
LT.5.5	72-B-2712	2	BLD	BLD	40	10	BLD		
LT.5.75	72-B-2713	2	BLD	BLD	30	BLD	BLD		
LT.6.0	72-B-2714	10	10	BLD	70	30	BLD		
LT.6.25	72-B-2715	BLD	BLD	BLD	55	10	1		
LT.6.5	72-B-2716	5	5	BLD	60	10	1		
LT.6.75	72-B-2717	20	15	5	100	50	BLD		
LT.7.0	72-B-2718	BLD	BLD	BLD	25	5	BLD		
LT.7.25	72-B-2719	20	5	5	55	30	BLD		
LT.7.5	72-B-2720	95	90	30	100	165	1		
LT.7.75	72-B-2721	55	120	15	140	265	BLD		
LT.8.0	72-B-2722	75	125	30	250	1300	2		
LT.8.25	72-B-2723	45	45	20	75	135	1		
LT.8.5	72-B-2724	60	85	45	85	345	1		
LT.8.75	72-B-2725	140	45	15	55	170	1		
LT.9.0	72-B-2726	20	30	10	80	65	BLD		
LT.9.25	72-B-2727	165	10	10	180	65	1		
LT.9.5	72-B-2728	15	30	10	40	40	1		
LT.9.75	72-B-2729	15	20	10	55	25	BLD		
LT.10.0	72-B-2730	10	15	10	70	20	1		
LT.10.25	72-B-2731	20	20	20	50	30	BLD		
LT.10.5	72-B-2732	50	35	10	20	70	1		
LT.10.75	72-B-2733	10	20	10	40	35	BLD		
LT.11.0	72-B-2734	20	20	10	45	40	BLD		
LT.11.5	72-B-2735	50	25	10	60	60	BLD		
LT.12.0	72-B-2736	55	40	15	45	115	BLD		
LT.12.5	72-B-2737	55	40	20	45	110	BLD		
LT.13.0	72-B-2738	100	30	20	45	125	1		
LT.13.5	72-B-2739	20	10	BLD	90	30	BLD		
LT.14.0	72-B-2740	325	125	65	90	235	1		
LT.14.5	72-B-2741	465	50	30	140	300	1		
LT.15.0	72-B-2742	160	65	20	30	280	1		
LT.15.5	72-B-2743	50	45	20	40	240	2		
LT.16.0	72-B-2744	20	55	5	30	20	BLD		
LT.16.5	72-B-2745	15	40	10	25	30	1		

METHODS:

Cu, Ni, Co, Pb, Zn, Ag by G.R.C. No. 1

B.L.D. = Below Limit of Detection

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003154 PROJECT No. EL.7/68 - DUNDAS - GREAT SOUTH COMET MINI

LAB. SHEET No.: 1043/3 SAMPLE TYPE: ROCK DATE: 13th July, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm	Cd ppm				
SCM 26A 2'	72-G-115	650	0.29%		35				
SCM 26B 1.5'	72-G-116	0.27%	0.60%		55				
SCM 27A 2	72-G-117	0.64%	0.95%	10	50				
SCM 27B 2	72-G-118	0.46%	0.88%		45				
SCM 27C 1	72-G-119	1700	1.13%		50				
SCM 31A 2	72-G-120	890	0.27%		20				
SCM 31B 2	72-G-121	950	0.66%		50				
SCM 81A 1.5	72-G-122	0.21%	3.15%	12	145				
SCM 81B 1	72-G-123	1900	0.9%		45				
SCM 81C 1	72-G-124	3.8%	13.8%	50	675				
SCM 97A 1.5	72-G-125	1.45%	4.4%	26	235				
SCM 97B 1.5	72-G-126	1.1%	4.0%	17	215				
SCM 97C 2	72-G-127	480	1300		5				
SCM 99A 1.5	72-G-128	1.55%	6.4%	22	300				
SCM 99B 1.5	72-G-129	3.3%	6.8%	24	420				
SCM 99C 1.5	72-G-130	1.4%	6.0%	9	340				
SCM 99D 1.5	72-G-131	1.1%	3.7%	7	200				
SCM 99E 1.5	72-G-132	0.73%	2.45%		135				
SCM 99F 1.5	72-G-133	1.33%	2.95%	7	160				
SCM 100A 1	72-G-134	0.51%	2.1%		110				
SCM 100B 2	72-G-135	1.64%	1.9%	12	115				
SCM 100C 2	72-G-136	1.1%	3.0%	9	145				
SCM 104A 2	72-G-137	1.05%	2.25%	7	120				

METHODS:

Pb, Zn, Ag by G.R.C. No. 101

Cd by G.R.C. No. 107

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003154 PROJECT No.: EL.7/68 - DUNDAS - GREAT SOUTH COMET M'

LAB. SHEET No.: 1043/4 SAMPLE TYPE: ROCK DATE: 13th July, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm	Cd ppm				
SCM 104B 2	72-G-138	0.37%	0.74%		40				
SCM 104C 2	72-G-139	0.90%	3.3%		195				
SCM 105A 2	72-G-140	0.30%	0.74%		40				
SCM 105B 1.5	72-G-141	0.7%	1.88%		105				
SCM 105C 2	72-G-142	1.2%	12.3%	7	850				

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003155 PROJECT No. EL.7/68 - DUNDAS - GREAT SOUTH COMET MIN

LAB. SHEET No.: 1043/5 SAMPLE TYPE: ROCK DATE: 13th July, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm	Cd ppm				
SCM 107A 1.5	72-G-143	0.38%	0.63%		35				
SCM 107B 1	72-G-144	0.61%	1.75%		100				
SCM 107C 2	72-G-145	1.28%	4.1%	17	195				
SCM 109A 1	72-G-146	1900	0.85%		40				
SCM 109B 1	72-G-147	0.36%	0.76%		40				
SCM 109C 1.5	72-G-148	0.31%	0.65%		30				
SCM 112A 2	72-G-149	1.18%	2.7%	20	145				
SCM 112B 1	72-G-150	2.8%	12.7%	61	710				
SCM 112C 1.5	72-G-151	1800	0.60%		30				
SCM 119A 1.5	72-G-152	1.28%	4.5%	35	255				
SCM 119B 1	72-G-153	0.35%	3.28%	15	160				
SCM 119C 1.5	72-G-154	1250	0.48%		25				
SCM 158A 1.5	72-G-155	1.5%	1.58%	32	80				
SCM 158B 2	72-G-156	3.92%	12.6%	50	690				
SCM 158C 2	72-G-157	2.25%	8.3%	58	470				
SCM 151A 1	72-G-158	1.28%	6.0%	15	340				
SCM 151B 1	72-G-159	1.15%	6.7%	17	380				
SCM 151C 1.5	72-G-160	2.1%	8.3%	16	465				

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007941 PROJECT No.: EL.7/68 - DUNDAS GREAT SOUTH COMET MINE

LAB. SHEET No.: 1047/1 SAMPLE TYPE: ROCK DATE: 18th July, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm	Cd ppm				
SCM 33A 2.5	72-F-1078	8500	8.1%	12	500				
SCM 33B 2.5	72-F-1079	4300	5.2%	11	260				
SCM 34A 2.5	72-F-1080	6300	2.2%	19	125				
SCM 34B 2.5	72-F-1081	5250	1.99%	10	110				
SCM 35A 2.5	72-F-1082	935	1.62%		80				
SCM 35B 2.5	72-F-1083	920	8900		50				
SCM 36A 2	72-F-1084	1750	1.24%		75				
SCM 36B 2	72-F-1085	860	6700		35				
SCM 36C 2	72-F-1086	955	1.88%		100				
SCM 37A 2	72-F-1087	955	3.5%		190				
SCM 37B 2	72-F-1088	605	2.8%		160				
SCM 37C 1.5	72-F-1089	1100	3.4%		190				
SCM 38A 1.5	72-F-1090	3200	6.8%	14	375				
SCM 38B 2	72-F-1091	630	4.0%		210				
SCM 38C 2	72-F-1092	515	3.1%		170				

METHODS:

Pb, Zn, Ag by G.R.C. No. 101
Cd by G.R.C. No. 107

NATA

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007942 PROJECT No.: EL.7/68 - DUNDAS - GREAT SOUTH COMET MIN

LAB. SHEET No.: 1047/2 SAMPLE TYPE: ROCK DATE: 18th July, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm	Cd ppm
SCM 39A 1.5	72-F-1093	4100	10.5%		530
SCM 39B 1.5	72-F-1094	1700	2.9%		155
SCM 39C 1.5	72-F-1095	200	1.28%		60
SCM 40A 1	72-F-1096	2.75%	22.5%	12	1350
SCM 40B 1	72-F-1097	9000	6.0%	10	330
SCM 40C 2	72-F-1098	1000	3.35%		170
SCM 41A 1.5	72-F-1099	7500	5.1%	13	280
SCM 41B 1	72-F-1100	4500	8200		40
SCM 41C 2	72-F-1101	1.18%	11.25%	11	670
SCM 42A 1	72-F-1102	5100	6.15%	12	315
SCM 42B 1	72-F-1103	4200	7.0%		430
SCM 42C 2	72-F-1104	2450	2.6%		140
SCM 43A 1	72-F-1105	1.85%	4.0%	49	200
SCM 43B 1	72-F-1106	3700	6200		40
SCM 43C 2	72-F-1107	7900	4.75%	10	435
SCM 44A 1.5	72-F-1108	5950	9200		55
SCM 44B 1.5	72-F-1109	5350	12.5%		755
SCM 44C 1.5	72-F-1110	3450	29.0%		1725
SCM 45A 1.5	72-F-1111	1100	1.04%		50
SCM 45B 2	72-F-1112	2450	10.75%	11	590
SCM 45C 1.5	72-F-1113	7800	6.0%	18	285
SCM 49A 1.5	72-F-1114	2900	9100		50
SCM 49B 1.5	72-F-1115	2000	8000		40
SCM 49C 1.5	72-F-1116	4350	8100		40
SCM 50A 1.5	72-F-1117	1250	1600		10
SCM 50B 1.5	72-F-1118	1150	1900		10
SCM 50C 1.5	72-F-1119	1700	6300		30
SCM 51A 1.5	72-F-1120	2250	1.81%		90
SCM 51B 1.5	72-F-1121	1600	4400		20
SCM 51C 1.5	72-F-1122	2450	2800		15
SCM 32A 2	72-F-1123	7600	1.62%	10	90
SCM 32B 2	72-F-1124	1.1%	5.4%	19	270
	72-F-1109B	5300	13.75%	12	750

METHODS:

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Pb, Zn, Ag by G.R.C. No. 101
Cd by G.R.C. No. 107

Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007943 PROJECT No.: EL.7/68 - DUNDAS GREAT SOUTH COMET MINE

LAB. SHEET No.: 1047/3 SAMPLE TYPE: ROCK DATE: 18th July, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm	Cd ppm
SCM 29A 2	72-F-1125	1250	2600		15
SCM 29B 2	72-F-1126	800	2200		10
SCM 29C 2	72-F-1127	625	1550		10
SCM 30A 2	72-F-1128	1550	3600		20
SCM 30B 2	72-F-1129	1000	4900		20
SCM 30C 2	72-F-1130	500	3200		10
SCM 53A 1	72-F-1131	4950	1.62%	.22	80
SCM 53B 2	72-F-1132	9500	6200	29	30
SCM 53C 2	72-F-1133	8500	7600	33	40
SCM 54A 1.5	72-F-1134	4500	4.4%	11	190
SCM 54B 1.5	72-F-1135	2700	10.0%		450
SCM 54C 1	72-F-1136	1500	3.5%		165
SCM 55A 1.5	72-F-1137	3850	7600		35
SCM 55B 1.5	72-F-1138	1600	8600		40
SCM 55C 1	72-F-1139	9500	5.5%		260
SCM 57A 1.5	72-F-1140	650	1825		10
SCM 57B 1	72-F-1141	4850	1.38%	11	70
SCM 57C 1	72-F-1142	6350	1.19%	10	50
SCM 58A 1.5	72-F-1143	1500	1900		10
SCM 58B 1	72-F-1144	1850	3900		20
SCM 58C 1	72-F-1145	4600	1.38%		60
SCM 59A 1	72-F-1146	820	3800		15
SCM 59B 1	72-F-1147	4400	1.0%		40
SCM 59C 1	72-F-1148	1.5%	3.2%	10	145
SCM 60A 1.5	72-F-1149	4700	1.54%		75
SCM 60B 1	72-F-1150	6500	3.5%		145
SCM 60C 1	72-F-1151	2.5%	9.4%	11	460
SCM 64A 1.5	72-F-1152	1.2%	7.5%	12	400
SCM 64B 1	72-F-1153	4600	20.25%	17	1225
SCM 64C 1	72-F-1154	6800	1.42%	15	70
SCM 65A 2	72-F-1155	1.3%	7.0%	22	360
SCM 65B 1	72-F-1156	1.13%	8.0%	31	410
SCM 65C 2	72-F-1157	7050	3.25%	21	320
SCM 66A 2	72-F-1158	7700	13.75%	36	785
SCM 66B 2	72-F-1159	4300	1.60%	11	100
SCM 66C 2	72-F-1160	4800	13.75%	31	925
SCM 67A 2	72-F-1161	6100	4.85%	17	260
SCM 67B 2	72-F-1162	4800	8.0%	23	425
SCM 67C 2	72-F-1163	8500	9.25%	68	735

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007945 PROJECT No.: EL.7/68 - DUNDAS GREAT SOUTH COMET MINE

LAB. SHEET No.: 1047/4 SAMPLE TYPE: ROCK DATE: 18th July, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm	Cd ppm				
SCM 73A 1	72-F-1164	3100	4000		25				
SCM 73B 1	72-F-1165	3200	8100		40				
SCM 73C 1	72-F-1166	4300	1.64%	12	80				
SCM 74A 1	72-F-1167	1500	1300		10				
SCM 74B 1	72-F-1168	1250	900		5				
SCM 74C 1	72-F-1169	6500	1.49%	13	70				
SCM 75A 2	72-F-1170	4600	3400	10	20				
SCM 75B 1	72-F-1171	7150	8300	11	40				
SCM 75C 1	72-F-1172	1.25%	1.28%	15	60				
SCM 76A 1	72-F-1173	4800	6400	10	30				
SCM 76B 1	72-F-1174	6300	3800		20				
SCM 76C 1	72-F-1175	1600	1.39%		70				
SCM 77A 2	72-F-1176	235	590		5				
SCM 77B 1.5	72-F-1177	435	780		10				
SCM 77C 1	72-F-1178	1900	2600		15				
SCM 78A 1	72-F-1179	340	645		5				
SCM 78B 1	72-F-1180	1400	1680		10				
SCM 78C 1	72-F-1181	8500	1.32%		65				
SCM 79A 2	72-F-1182	335	410		5				
SCM 79B 1	72-F-1183	610	770		5				
SCM 79C 1	72-F-1184	3400	6600		35				
SCM 80A 1	72-F-1185	620	1620		10				
SCM 80B 1	72-F-1186	220	540		5				
SCM 80C 1	72-F-1187	1.8%	2.4%	25	110				

METHODS:

Pb, Zn, Ag by G.R.C. No. 101
Cd by G.R.C. No. 107

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003158 PROJECT No.: EL.7/68 - GREAT SOUTH COMET MINE

LAB. SHEET No.: 1054/1 SAMPLE TYPE: ROCK DATE: 27th July, 1972.

SAMPLE No.	LAB. No.	Pb %	Ag ppm	Zn %	Cd ppm
SCM 106A 1.5	72-G-389	0.65		1.56	75
SCM 106B 1	72-G-390	0.48		1.47	80
SCM 106C 2	72-G-391	1.50	13	2.62	130
SCM 108A 1.5	72-G-392	0.24		1.31	110
SCM 108B 1	72-G-393	2.5	15	3.8	215
SCM 108C 2	72-G-394	0.60		3.05	135
SCM 110A 2	72-G-395	0.52		1.73	90
SCM 110B 1.5	72-G-396	0.73		2.2	115
SCM 110C 1.5	72-G-397	0.30		1.60	80
SCM 111A 2	72-G-398	2.3	16	10.8	800
SCM 111B 2	72-G-399	0.48		1.70	80
SCM 111C 2	72-G-400	0.49		0.98	50
SCM 113A 2	72-G-401	5.05	22	23.61	1500
SCM 113B 2	72-G-402	0.65		4.5	215
SCM 114A 2	72-G-403	5.4	42	32.52	2380
SCM 114B 1.	72-G-404	1.40	38	13.1	800
SCM 114C 1.5	72-G-405	1.60	30	5.4	295
SCM 115A 2	72-G-406	6.7	53	21.5	770
SCM 115B 2	72-G-407	1.76	18	6.8	420
SCM 115C 1.5	72-G-408	1.80	22	4.9	255
SCM 116A 1.5	72-G-409	0.51		0.76	40
SCM 116B 2	72-G-410	3.6	36	13.2	1090
SCM 116C 1	72-G-411	2.32	57	11.8	740
SCM 116D 1.5	72-G-412	3.9	94	7.7	450
SCM 117A 2	72-G-413	0.62		2.15	115
SCM 117B 2	72-G-414	1.67	17	3.8	195
SCM 117C 2	72-G-415	2.86	37	5.4	280
SCM 118A 2	72-G-416	0.30		0.62	30
SCM 118B 1.5	72-G-417	2.13	23	5.6	265
SCM 118C 1.5	72-G-418	0.70		2.08	100
SCM 120A 1.5	72-G-419	3.22	78	9.5	530
SCM 120B 1.5	72-G-420	1.86	20	2.28	100
SCM 120C 1	72-G-421	0.93		0.67	35
SCM 121A 1	72-G-422	0.89		3.7	190
SCM 121B 1.5	72-G-423	3.65	54	4.1	220
SCM 121C 1.5	72-G-424	0.82		3.4	160
SCM 121D 1	72-G-425	0.20		0.59	30
SCM 122A 1	72-G-426	4.78	82	9.0	580
SCM 122B 1	72-G-427	1.80	16	8.0	430
SCM 122C 1.5	72-G-428	0.48		2.3	105

METHODS:

Pb, Zn, Ag by G.R.C. No. 101
Cd by G.R.C. No. 107

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003160 PROJECT No.: EL.7/68 - DUNDAS GREAT SOUTH COMET MIN

LAB. SHEET No.: 1054/72 SAMPLE TYPE: ROCK DATE: 27th July, 1972.

SAMPLE No.	LAB. No.	Pb %	Ag ppm	Zn %	Cd ppm
SCM 152A 2	72-G-466	1.9	26	3.2	145
SCM 152B 2	72-G-467	1.58	25	4.6	290
SCM 152C 2	72-G-468	2.4	34	11.0	650
SCM 153A 1	72-G-469	0.55		1.9	110
SCM 153B 1.5	72-G-470	0.46		1.9	110
SCM 153C 1.5	72-G-471	1.45	24	2.8	155
SCM 153D 1.5	72-G-472	11.1	135	23.0	1520
SCM 153E 1.5	72-G-473	0.9		2.5	140
SCM 154A 2	72-G-474	2.0	27	6.6	370
SCM 154B 2	72-G-475	6.1	50	32.5	2050
SCM 154C 1	72-G-476	6.5	86	19.0	1450
SCM 154D 1.5	72-G-477	4.2	90	3.8	190
SCM 155A 2	72-G-478	2.0	13	12.4	650
SCM 155B 2	72-G-479	7.2	74	31.5	1800
SCM 155C 2	72-G-480	4.3	100	3.2	200
SCM 155D 2	72-G-481	7.9	86	12.8	700
SCM 155E 2	72-G-482	3.7	82	7.5	420
SCM 156A 2	72-G-483	4.2	68	10.0	450
SCM 156B 2	72-G-484	2.1	32	13.4	680
SCM 156C 2	72-G-485	5.6	103	21.8	1150
SCM 156D 2	72-G-486	4.8	50	20.0	1380
SCM 160A 2	72-G-487	2.1	38	2.5	145
SCM 160B 2	72-G-488	2.9	65	4.4	260
SCM 160C 2	72-G-489	6.1	98	26.6	1700
SCM 160D 1	72-G-490	11.6	178	15.2	950
SCM 160E 2	72-G-491	1.11	28	2.7	90
SCM 163A 1	72-G-492	1.47	37	2.4	120
SCM 163B 2	72-G-493	1.56	40	1.52	80
SCM 163C 2	72-G-494	2.7	77	27.6	1480
SCM 163D 1	72-G-495	5.9	330	25.8	1400
SCM 163E 2	72-G-496	1.70	42	4.5	200
SCM 164A 2	72-G-497	8.1	216	23.0	1520
SCM 164B 2	72-G-498	8.8	280	28.6	1850
SCM 164C 2	72-G-499	7.2	310	30.0	2050
SCM 164D 2	72-G-500	2.2	62	1.42	80
SCM 165A 2	72-G-501	1.52	43	6.2	340
SCM 165B 2	72-G-502	1.63	78	13.0	750
SCM 165C 2	72-G-503	2.7	210	16.5	1050
SCM 165E 2	72-G-504	1.9	115	5.3	320
SCM 165E 2	72-G-505	1.02	32	1.27	65

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003159 PROJECT No.: EL.7/68 - GREAT SOUTH COMET MINE

LAB. SHEET No.: 1054/3 SAMPLE TYPE: ROCK DATE: 27th July, 1972.

SAMPLE No.	LAB. No.	Pb %	Ag ppm	Zn %	Cd ppm
SCM 130A 1	72-G-429	4.7	86	10.2	750
SCM 135A 2	72-G-430	1.55	26	1.94	110
SCM 135B 2	72-G-431	3.2	74	3.6	170
SCM 135C 2	72-G-432	4.8	134	2.6	130
SCM 135D 2	72-G-433	11.1	275	3.9	160
SCM 135E 1	72-G-434	6.2	164	0.70	40
SCM 139A 1	72-G-435	0.78		3.3	165
SCM 139B 1.5	72-G-436	0.40		2.6	130
SCM 139C 2	72-G-437	5.8	56	5.3	285
SCM 139D 2	72-G-438	5.3	125	4.1	200
SCM 139E 1	72-G-439	1.40	25	1.65	85
SCM 139F 1	72-G-440	0.83		2.5	120
SCM 141A 1	72-G-441	3.1	76	3.4	175
SCM 141B 1	72-G-442	1.70	30	2.3	115
SCM 141C 1	72-G-443	1.94	11	2.3	125
SCM 142A 1.5	72-G-444	1.80	28	2.9	150
SCM 142B 1	72-G-445	2.04	30	3.6	190
SCM 143A 1	72-G-446	0.60		1.46	65
SCM 143B 1.5	72-G-447	0.57		1.70	90
SCM 143C 1	72-G-448	0.95		3.5	160
SCM 144A 1	72-G-449	0.15		1.27	55
SCM 144B 1	72-G-450	0.51		0.74	45
SCM 145A 1	72-G-451	0.44		1.15	55
SCM 145B 1	72-G-452	0.25		1.80	45
SCM 145C 1	72-G-453	1.10	14	3.6	185
SCM 146A 1.5	72-G-454	0.74		1.63	65
SCM 146B 1.5	72-G-455	0.48		2.4	125
SCM 146C 1	72-G-456	0.25		1.92	100
SCM 147A 2	72-G-457	0.40		1.48	80
SCM 147B 2	72-G-458	2.7	48	9.8	540
SCM 148A 1	72-G-459	0.16		3.3	190
SCM 148B 1	72-G-460	0.93	5.2	295	
SCM 148C 1.5	72-G-461	2.84	12	7.4	490
SCM 149A 1.5	72-G-462	0.36		1.86	100
SCM 149B 1.5	72-G-463	0.47		2.8	145
SCM 150A 1	72-G-464	1.16		4.1	215
SCM 150B 1.5	72-G-465	1.40	17	4.3	220

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007949 PROJECT No.: EL.7/68 - DUNDAS GREAT SOUTH COMET MINE

LAB. SHEET No.: 1056/1 SAMPLE TYPE: ROCK DATE: 25th July, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm	Cd ppm
SCM 95 A1	72-G-306	5.0%	13.1%	15	650
SCM 95 B1	72-G-307	0.56%	9.9%		560
SCM 95 C1	72-G-308	2.55%	7.6%	23	435
SCM 96 A1	72-G-309	1.86%	11.7%	44	640
SCM 96 B1	72-G-310	1.38%	7.4%	22	350
SCM 96 C2	72-G-311	0.62%	11.9%	18	660
SCM 98 A1.5	72-G-312	0.31%	4.55%	10	225
SCM 98 B1.5	72-G-313	0.58%	4.1%	13	275
SCM 98 C1.5	72-G-314	2.1%	5.8%	23	325
SCM 98 D1.5	72-G-315	3.2%	9.4%	26	520
SCM 98 E1.5	72-G-316	0.97%	2.55%		145
SCM 101A 1	72-G-317	1.58%	6.3%	22	325
SCM 101B 1	72-G-318	1700	0.6%		
SCM 101C 2.5	72-G-319	0.44%	0.85%		
SCM 101A 1	72-G-320	2.85%	5.9%	16	295
SCM 102B 2	72-G-321	0.50%	2.4%		120
SCM 102C 2	72-G-322	0.77%	2.8%		155
SCM 103A1.5	72-G-323	0.36%	800		
SCM 103B 2	72-G-324	3.8%	6.4%	23	365
SCM 103C 2	72-G-325	.50%	1.5%		85

METHODS:

Pb, Zn, Ag by G.R.C. No. 101
Cd by G.R.C. No. 107

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007950 PROJECT No.: EL.7/68 - DUNDAS GREAT SOUTH COMET MINE

LAB. SHEET No.: 1056/2 SAMPLE TYPE: ROCK DATE: 25th July, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm	Cd ppm
SCM 28A	72-G-326	0.33%	0.25%		
SCM 28B	72-G-327	0.45%	0.20%		
SCM 28C	72-G-328	0.29%	0.70%		
SCM 46A 2	72-G-329	1200	3.4%		185
SCM 46B 2	72-G-330	0.28%	1.65%		95
SCM 46C 2	72-G-331	0.57%	1.8%	11	95
SCM 46D	72-G-332	1450	1550		
SCM 46E	72-G-333	0.25%	1950		
SCM 47A 2	72-G-334	0.45%	5.2%	15	290
SCM 47B 2	72-G-335	0.30%	3.0%	10	180
SCM 47C 1	72-G-336	500	3.3%		160
SCM 48A 2	72-G-337	0.31%	1.35%	10	75
SCM 48B 2	72-G-338	0.51%	0.68%	10	
SCM 48C 1	72-G-339	0.43%	1.4%		85
SCM 52A 1	72-G-340	2.55%	1.1%	64	65
SCM 52B	72-G-341	0.27%	0.35%		
SCM 52C	72-G-342	0.27%	0.27%		
SCM 56A 1	72-G-343	0.43%	0.35%		
SCM 56B 1	72-G-344	1.86%	12.3%	64	580
SCM 56C 1	72-G-345	3.7%	13.1%	77	630
SCM 63A 1	72-G-346	0.59%	0.68%	12	
SCM 63B 1	72-G-347	0.89%	2.9%	22	175
SCM 63C 1.5	72-G-348	0.43%	2.7%	14	170
SCM 63D 1	72-G-349	3.7%	8.7%	61	380
SCM 63E 1	72-G-350	0.74%	3.25%	20	170
SCM 82A 1	72-G-351	600	1600		
SCM 82B 1	72-G-352	0.51%	0.75%		
SCM 82C 1	72-G-353	0.92%	1.65%	16	90
SCM 83A 1	72-G-354	0.43%	2.0%		
SCM 83B 2	72-G-355	0.84%	4.4%	18	205
SCM 83C 1.5	72-G-356	1.26%	3.45%	22	195
SCM 84A 2	72-G-357	0.23%	1.2%		70
SCM 84B 2	72-G-358	1.63%	3.3%	28	170
SCM 84C 2	72-G-359	0.50%	2.0%	10	110
SCM 85A 1.5	72-G-360	0.74%	3.75%	18	205
SCM 85B 1	72-G-361	0.85%	4.45%	18	245
SCM 85C 1	72-G-362	1350	2.1%		100
SCM 88A 1	72-G-363	0.23%	5.2%	12	270
SCM 88B 1	72-G-364	0.30%	3.2%	10	160
SCM 88C 1	72-G-365	0.56%	1.5%	12	80
SCM 92A 1	72-G-366	2.7%	10.1%	48	490
SCM 92B 1.5	72-G-367	1.62%	9.0%	26	480
SCM 92C 1.5	72-G-368	1900	0.90%		
SCM 93A 1	72-G-369	2.95%	10.1%	40	550
SCM 93B 1.5	72-G-370	1.16%	12.9%	32	660
SCM 93C 1	72-G-371	3.9%	2.3%	42	135

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007950 PROJECT No.: EL. 7/68 - DUNDAS GREAT SOUTH COMET MINE

LAB. SHEET No.: 1056/3 SAMPLE TYPE: ROCK DATE: 25th July, 1972.

SAMPLE No.	LAB. No.	Pb ppm	Zn ppm	Ag ppm	Cd ppm
SCM 94A 1	72-G-372	2.1%	10.1%	32	520
SCM 94B 1	72-G-373	0.62%	6.0%	14	300
SCM 94C 1	72-G-374	1.45%	1.5%	18	90

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003163 PROJECT No.: EL.7/68 - KOS., STH. COMET GRID

LAB. SHEET No.: 1147/1 SAMPLE TYPE: SOIL PROF. DATE: 20th October, 1972

SAMPLE No.	LAB. No.	Hg ppb	Zn ppb
34S + 100W	72-K-573	130	430
34S + 150W	72-K-574	BLD	110
34S + 200W	72-K-575	90	130
34S + 250W	72-K-576	90	515
34S + 300W	72-K-577	325	1800
34S + 350W	72-K-578	260	4.0%
34S + 400W	72-K-579	150	7.8%
34S + 450W	72-K-580	185	3.8%
34S + 500W	72-K-581	130	5.4%
34S + 550W	72-K-582	90	1550
36S + 00	72-K-583	BLD	195
36S + 50W	72-K-584	260	0.56%
36S + 100W	72-K-585	50	0.42%
36S + 150W	72-K-586	BLD	335
36S + 200W	72-K-587	90	840
36S + 250W	72-K-588	BLD	420
36S + 300W	72-K-589	BLD	130
36S + 350W	72-K-590	BLD	160
36S + 400W	72-K-591	BLD	300
36S + 450W	72-K-592	BLD	300
38S + 150E	72-K-593	120	1750
38S + 100E	72-K-594	115	1600
38S + 50E	72-K-595	25	650
38S + 00	72-K-596	BLD	605
38S + 50W	72-K-597	250	0.40%
38S + 100W	72-K-598	60	1125
38S + 150W	72-K-599	BLD	310
38S + 200W	72-K-600	25	745
38S + 250W	72-K-601	BLD	400
38S + 300W	72-K-602	25	435
40S + 250E	72-K-603	25	515
40S + 200E	72-K-604	190	1600
40S + 150E	72-K-605	135	420
40S + 100E	72-K-606	100	1000
40S + 50E	72-K-607	1550	1.04%
40S + 00	72-K-608	85	380
40S + 50W	72-K-609	35	305
40S + 100W	72-K-610	100	695
40S + 150W	72-K-611	75	1150
40S + 200W	72-K-612	135	360

METHODS: Hg by G.R.C. NO. 113A
Zn by G.R.C. NO. 1

BLD for Hg < 25 ppb

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003164 PROJECT No.: EL.7/68 - KOS. STH. COMET GRID

LAB. SHEET No.: 1147/2 SAMPLE TYPE: SOIL PROF. DATE: 20th October, 1972

SAMPLE No.	LAB. No.	Hg ppb	Zn ppb
42S + 350E	72-K-613	BLD	20
42S + 300E	72-K-614	BLD	90
42S + 250E	72-K-615	BLD	400
42S + 200E	72-K-616	100	1100
42S + 150E	72-K-617	BLD	20
42S + 100E	72-K-618	25	415
42S + 50E	72-K-619	75	360
42S + 00	72-K-620	100	840
42S + 50W	72-K-621	50	120
42S + 100W	72-K-622	100	1400
44S + 400E	72-K-623	175	245
44S + 350E	72-K-624	175	450
44S + 300E	72-K-625	85	465
44S + 250E	72-K-626	100	215
44S + 200E	72-K-627	175	150
44S + 150E	72-K-628	175	460
44S + 100E	72-K-629	200	340
44S + 50E	72-K-630	335	675
44S + 00	72-K-631	60	295
44S + 50W	72-K-632	50	160
46S + 450E	72-K-633	25	100
46S + 400E	72-K-634	100	220
46S + 350E	72-K-635	85	270
46S + 300E	72-K-636	75	320
46S + 250E	72-K-637	25	80
46S + 200E	72-K-638	25	55
46S + 150E	72-K-639	BLD	85
46S + 100E	72-K-640	BLD	180
46S + 50E	72-K-641	BLD	415
46S + 00	72-K-642	BLD	110
48S + 50E	72-K-643	BLD	90
48S + 100E	72-K-644	BLD	370
48S + 150E	72-K-645	BLD	125
48S + 200E	72-K-646	BLD	455
48S + 250E	72-K-647	250	800
48S + 300E	72-K-648	BLD	740
48S + 350E	72-K-649	BLD	280
48S + 400E	72-K-650	25	500
48S + 450E	72-K-651	25	940
48S + 500E	72-K-652	BLD	435

METHODS: BLD for Hg < 25 ppb

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for Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003165 PROJECT No.: EL.7/68 - KOS. STH. COMET GRID

LAB. SHEET No.: 1147/3 SAMPLE TYPE: SOIL PROF. DATE: 25th October, 1972

SAMPLE No.	LAB. No.	+20 FRACTION Hg ppb	+20 FRACTION Zn ppm	+80,-20 FRACTION Hg ppb	+80,-20 FRACTION Zn ppm	-80 FRACTION Hg ppb	-80 FRACTION Zn ppm
50S + 100E	72-K-653	BLD	50	BLD	80	BLD	65
50S + 150E	72-K-654	BLD	60	30	70	75	60
50S + 200E	72-K-655	BLD	65	BLD	75	45	60
50S + 250E	72-K-656	BLD	280	40	210	100	110
50S + 300E	72-K-657	35	210	30	150	40	80
50S + 350E	72-K-658	BLD	340	40	180	50	85
50S + 400E	72-K-659	BLD	210	30	95	25	45
50S + 450E	72-K-660	BLD	160	BLD	120	50	70
50S + 500E	72-K-661	BLD	70	65	70	70	60
50S + 550E	72-K-662	BLD	290	25	145	90	100
52S + 150E	72-K-663	BLD	390	50	125	55	80
52S + 200E	72-K-664	BLD	65	25	40	25	35
52S + 250E	72-K-665	BLD	180	25	65	25	50
52S + 300E	72-K-666	BLD	90	BLD	100	BLD	70
52S + 350E	72-K-667	65	90	40	90	60	70
52S + 400E	72-K-668	30	425	25	130	45	100
52S + 450E	72-K-669	125	380	30	280	250	220
52S + 500E	72-K-670	40	1620	40	0.50%	130	3550
52S + 550E	72-K-671	40	660	40	415	175	320
52S + 600E	72-K-672	25	200	BLD	145	BLD	75

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003184 PROJECT No.: EL.7/68 - DUNDAS

LAB. SHEET No.: 1252/1 SAMPLE TYPE: ROCK & PUG DATE: 23rd February, 1973

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Mn ppm	Fe ppm	Sb ppm
D158	73-B-930	50	480	345	2	920	5.8%	
D193	73-B-931	40	0.52%	540	2	340	8.7%	
D107	73-B-932	190	0.29%	0.23%	150	250	15.0%	
D203	73-B-933	40	0.67%	500	9	80	6.4%	
D233	73-B-934	90	0.34%	250	13	60	3.1%	
D100	73-B-935	50	1.00%	0.21%	15	1.25%	20.0%	
D 44	73-B-936	30	0.25%	0.30%	30	.55%	2.8%	
D211	73-B-937	110	0.91%	315	2	140	3.2%	
D108	73-B-938	95	1900	550	22	930	8.9%	
D 82	73-B-939	105	1.2%	0.63%	100	250	.60%	
D 86	73-B-940	20	1350	110	2	580	1.55%	
D124	73-B-941	40	1600	100	50	.20%	1.85%	
D173	73-B-942	80	990	1400	10	.22%	7.6%	
D229	73-B-943	210	0.9%	1600	125	1000	13.2%	
D 72	73-B-944	300	0.94%	25.3%	145	1750	3.1%	720
D 73	73-B-945	360	2.4%	9.7%	110	35	1.1%	
D209	73-B-946	95	0.60%	1000	2	200	9.4%	
D185	73-B-947	90	5800	.20%	2	850	3.4%	
D105	73-B-948	270	0.26%	1.0%	130	210	5.4%	

METHODS: Cu, Pb, Zn, Ag by G.R.C. NO. 1

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Ray W. Gerlyng

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003175 PROJECT No.: EL.7/68 - MONTEZUMA NORTH GRID

LAB. SHEET No.: 1255/1 SAMPLE TYPE: ROCK DATE: 23rd February, 1973

SAMPLE No.	LAB. No.	Cu %	Sn %	Sb %
MZ - L1	73-B-624	0.44	0.50%	
MZ - L2	73-B-625			23.2%

METHODS: Cu by G.R.C. NO. 101
Sn by G.R.C. NO. 105
Sb by G.R.C. NO. 108

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By 7/68

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003175 PROJECT No.: EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No.: 1255/2 SAMPLE TYPE: DATE: 2nd March, 1973

SAMPLE No.	LAB. No.	Pb %	Pb Ave
MZ - L2	73-B-625	44.3	44.8
MZ - L2	73-B-625	45.3	

REFER TO LAB SHEET NO. 1255/1

METHODS: Pb by G.R.C. NO. 101

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007404 PROJECT No.: EL.7/68 - MONTEZUMA NORTH GRID

LAB. SHEET No.: 1268/1 SAMPLE TYPE: ROCK DATE: 7th March, 1973

SAMPLE No.	LAB. No.	Pb %	Ag ppm	Sn ppm	Sb %
MZ - L3	73-C-24	3.8	90	1250	3.2
MZ - L4	73-C-25	5.1	780	1500	8.5
MZ - L5	73-C-26	9.0	1100	1300	7.7
MZ - L6	73-C-27	33.1	250	1950	7.5

METHODS: Pb & Ag by G.R.C. NO. 101
Sn by G.R.C. NO. 105
Sb by G.R.C. NO. 108

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003191 PROJECT No.: EL.7/68 - DUNDAS

LAB. SHEET No.: 1284/1 SAMPLE TYPE: SOIL PROF. ROCK DATE: 19th March, 1973

Rec'd 2/3

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Fe %	Mn ppm
D1	73-C-28	130	2.9%	760	2	3.0	1350
D2	73-C-29	70	840	330	3	1.60	0.30%
D3	73-C-30	3900	0.46%	0.33%	8	20.5	0.37%
D4	73-C-31	700	0.36%	310	13	4.5	390
D4A	73-C-32	1450	0.97%	1500	17	7.1	680
D5	73-C-33	1650	4.1%	26.3%	13	3.2	0.54%
D6	73-C-34	420	7.0%	33.8%	11	6.5	400
D7	73-C-35	2400	0.46%	9.4%	105	8.9	4.2%
D8	73-C-36	5602	0.0%	24.4%	205	2.3	1300
D9	73-C-37	150	4.0%	3.8%	220	0.64	175
D10	73-C-38	300	0.24%	760	11	0.60	100
D11	73-C-39	850	0.52%	1050	5	10.0	0.29%
D12	73-C-40	1500	0.50%	670	50	7.7	140
D13	73-C-41	1700	0.52%	0.20%	95	13.7	80
D14	73-C-42	1101	.24%	0.28%	135	1.70	75
D15	73-C-249	950	0.55%	2.04%	45	1.85	60
D16	73-C-43	345	2.3%	40.0%	16	3.4	260
D17	73-C-44	5050	0.58%	0.28%	230	19.2	70
D18	73-C-45	11005	6.0%	18.1%	60	1.3	380
D19	73-C-46	4100	.31%	20.0%	90	1.95	175
D20	73-C-47	275	1.5%	0.78%	1250	24.2	150
D22	73-C-48	800	0.35%	410	10	2.6	450
D23	73-C-49	2350	0.91%	1500	34	11.0	220
D24	73-C-50	1500	0.70%	1050	150	16.2	120
D26	73-C-51	1701	.08%	1050	90	10.1	500
D27	73-C-52	1900	0.37%	1500	155	27.6	265
D28	73-C-53	1800	0.44%	725	7	11.3	120
D29	73-C-54	3451	.60%	0.38%	190	12.2	660
D30	73-C-55	2350	0.33%	1500	175	52.5	410
D31	73-C-56	60	1350	550	35	7.7	1900

METHODS: Cu, Pb, Zn, Ag by G.R.C. NO. 1
Fe by G.R.C. NO. 10
Mn by G.R.C. NO. 9

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003191/92 PROJECT No.: EL.7/68 – DUNDAS

LAB. SHEET No.: 1284/2 SAMPLE TYPE: SOIL PROF. ROCK DATE: 19th March, 1973

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Fe %	Mn ppm
D32	73-C-57	65	1.01%	0.23%	3	12.2	4.2%
D33	73-C-58	40	0.22%	0.20%	1	11.0	4.0%
D34	73-C-59	90	0.66%	0.43%	9	16.6	2.2%
D35	73-C-60	85	0.90%	0.20%	9	10.0	1.60%
D35dupl.	73-C-250	85	0.75%	0.21%	8	11.0	1.55%
D36	73-C-61	590	0.39%	0.43%	225	25.4	0.23%
D37	73-C-62	340	0.64%	0.58%	155	28.5	1.80%
D39	73-C-63	590	0.76%	0.65%	270	40.3	1.30%
D40	73-C-64	60	1550	740	60	12.0	1750
D41	73-C-65	490	1.13%	0.58%	165	32.6	4.4%
D42	73-C-66	130	0.23%	810	45	28.0	0.29%
D43	73-C-67	105	0.26%	0.33%	9	2.70	0.29%
D45	73-C-68	50	0.20%	0.20%	3	10.0	2.9%
D46	73-C-69	55	0.20%	0.25%	3	5.8	1.20%
D47	73-C-70	50	0.21%	0.23%	3	2.70	0.66%
D48	73-C-71	50	0.27%	0.28%	3	5.3	1.25%
D49	73-C-72	45	670	275	2	2.70	0.20%
D50	73-C-73	60	0.97%	310	9	25.2	4.1%
D51	73-C-74	5	660	250	3	9.5	3.3%
D52	73-C-75	55	1500	970	2	3.30	0.64%
D53	73-C-76	65	455	1110	2	4.90	0.50%
D54	73-C-77	60	840	1000	5	4.41	1.10%
D55	73-C-78	160	1.51%	1750	6	11.4	4.7%
D56	73-C-79	60	0.40%	1500	4	9.21	0.70%
D57	73-C-80	25	1450	250	2	7.70	0.60%
D58	73-C-81	30	1900	470	2	8.70	0.62%
D59	73-C-82	40	1020	760	2	27.0	0.29%
D60	73-C-83	20	1050	190	2	3.20	0.26%
D61	73-C-84	150	0.42%	14.4%	29	12.7	6.0%
D62	73-C-85	380	0.71%	9.38%	55	3.30	0.98%

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003192 PROJECT No.: EL.7/68 - DUNDAS

LAB. SHEET No.: 1284/3 SAMPLE TYPE: SOIL PROF. ROCK DATE: 19th March, 1973

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Fe %	Mn ppm
D63	73-C-86	480	1.4%	50.0%	105	4.6	920
D64	73-C-87	540	1.9%	24.4%	140	3.1	1100
D65	73-C-88	415	34.6%	16.3%	265	2.6	0.25%
D66	73-C-89	4600	.37%	27.5%	55	7.3	2.3%
D67	73-C-90	425	42.0%	23.1%	130	1.9	0.26%
D68	73-C-91	3500	.61%	10.0%	45	2.3	240
D69	73-C-92	250	15.2%	23.1%	145	2.1	460
D70	73-C-93	475	1.56%	43.8%	50	3.8	280
D71	73-C-94	3100	.84%	11.3%	125	1.35	160
D74	73-C-95	5101	7.6%	36.3%	45	3.1	280
D75	73-C-96	3601	7.0%	30.6%	225	2.6	460
D76	73-C-97	6501	.36%	38.8%	22	3.7	230
D77	73-C-98	1906	0.0%	4.3%	1450	.50	150
D78	73-C-99	4502	3.2%	18.1%	200	1.70	180
D79	73-C-100	3800	.60%	17.5%	100	2.6	280
D80	73-C-101	3451	0.0%	41.9%	65	4.1	1200
D83	73-C-102	300	.43%	0.73%	4	20.3	7.2%
D83dupl.	73-C-251	1800	.31%	1270	200	11.4	1050
D84	73-C-103	70	1.6%	0.30%	4	19.6	1.95%
D85	73-C-104	550	.68%	560	2	4.6	0.60%
D87	73-C-105	300	.24%	260	1	1.65	660
D88	73-C-106	70	1900	735	1	8.7	1750
D89	73-C-107	500	2.6%	0.33%	7	8.7	9.9%
D90	73-C-108	800	.20%	0.20%	1	8.0	2.8%
D91	73-C-109	300	.23%	325	1	9.1	0.90%
D92	73-C-110	80	1.4%	0.23%	4	5.8	1.90%
D93	73-C-111	50	2.6%	0.25%	2	9.1	7.8%
D94	73-C-112	450	.34%	0.20%	2	7.3	1.60%
D95	73-C-113	501	.01%	0.23%	2	11.4	1.75%
D96	73-C-114	750	.60%	0.25%	6	9.7	4.2%

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003192/93 PROJECT No.: EL.7/68 - DUNDAS

LAB. SHEET No.: 1284/4 SAMPLE TYPE: SOIL PROF. ROCK DATE: 19th March, 1973

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Fe %	Mn ppm		
D97	73-C-115	50	0.91%	0.43%	2	24.6	4.5%		
D98	73-C-116	40	0.30%	1500	2	16.2	0.90%		
D99	73-C-117	100	0.34%	0.35%	5	13.3	5.2%		
D101	73-C-118	120	2.1%	0.45%	9	20.7	6.3%		
D102	73-C-119	200	0.32%	0.25%	4	8.4	2.8%		
D103	73-C-120	550	0.46%	1070	2	9.10	0.82%		
D104	73-C-121	40	1300	315	2	8.00	0.26%		
D106	73-C-122	1051	0.01%	980	27	7.81	0.15%		
D107	73-C-123	1850	0.30%	1750	260	15.1	1000		
D109	73-C-124	5850	0.25%	0.65%	290	17.9	150		
D109A	73-C-125	8900	0.61%	0.38%	55	33.3	1200		
D110	73-C-126	700	0.39%	0.25%	33	18.1	0.25%		
D111	73-C-127	800	0.79%	0.58%	7	26.1	3.3%		
D112	73-C-128	30	1900	470	2	10.2	0.52%		
D113	73-C-129	2000	0.39%	0.20%	50	19.2	1.05%		
D114	73-C-130	50	1700	580	3	12.9	0.22%		
D115	73-C-131	250	0.71%	0.28%	4	1.10	460		
D116	73-C-132	1501	0.36%	1140	95	11.8	2.0%		
D117	73-C-133	500	0.58%	645	12	6.20	0.48%		
D118	73-C-134	130	10000	0.85%	2	10.8	1.50%		
D119	73-C-135	600	0.44%	875	11	3.90	0.50%		
D120	73-C-136	800	0.86%	0.35%	12	20.3	2.8%		
D121	73-C-137	300	0.25%	420	1	3.30	0.45%		
D122	73-C-138	1100	0.48%	1500	14	12.3	3.2%		
D123	73-C-139	60	17500	0.23%	5	1.85	0.39%		
D125	73-C-140	1350	0.94%	0.25%	8	16.2	2.6%		
D126	73-C-141	1700	0.71%	0.25%	11	15.3	3.1%		
D127	73-C-142	30	460	105	1	2.50	0.29%		
D128	73-C-143	500	0.32%	595	3	10.2	0.98%		
D129	73-C-144	20	945	155	1	1.90	1800		

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003193 PROJECT No.: EL.7/68 - DUNDAS

LAB. SHEET No.: 1284/5 SAMPLE TYPE: SOIL PROF. ROCK DATE: 19th March, 1973

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Fe %	Mn ppm
D130	73-C-145	1400	0.33%	0.25%	14	14.1	2.8%
D131	73-C-146	45	600	200	4	3.00	0.72%
D132	73-C-147	40	500	145	4	2.80	0.25%
D133	73-C-148	50	475	120	1	2.8	1100
D134	73-C-149	25	1700	155	1	3.90	0.27%
D135	73-C-150	15	530	80	1	1.10	410
D136	73-C-151	70	1850	565	3	4.60	0.60%
D137	73-C-152	20	550	180	2	1.900	0.23%
D138	73-C-153	30	850	210	2	2.90	0.24%
D139	73-C-154	50	1800	145	2	3.30	0.72%
D140	73-C-155	1200	0.32%	1170	2	11.20	0.24%
D141	73-C-156	1000	0.20%	790	7	4.31	0.45%
D142	73-C-157	45	400	330	4	3.60	0.74%
D143	73-C-158	50	400	130	2	2.7	410
D144	73-C-159	30	1450	120	2	3.80	0.48%
D145	73-C-160	110	1200	435	2	3.50	0.21%
D146	73-C-161	50	1300	130	1	3.2	1300
D147	73-C-162	20	685	105	1	1.60	660
D148	73-C-163	60	350	125	2	1.95	1250
D149	73-C-164	70	1650	465	5	3.81	0.20%
D150	73-C-165	30	900	80	1	1.80	920
D151	73-C-166	350	0.48%	260	2	2.10	0.86%
D152	73-C-167	2400	0.60%	0.25%	6	8.20	0.44%
D153	73-C-168	850	0.20%	340	2	4.00	0.30%
D154	73-C-169	1200	0.32%	0.25%	11	15.2	2.5%
D155	73-C-170	30	1100	175	2	3.60	0.30%
D156	73-C-171	90	1200	130	1	4.1	460
D157	73-C-172	40	40	730	1	6.90	0.21%
D159	73-C-173	65	370	120	1	4.6	310
D160	73-C-174	60	620	500	1	5.8	375

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003193/94 PROJECT No.: EL.7/68 - DUNDAS

LAB. SHEET No.: 1284/6 SAMPLE TYPE: SOIL PROF. ROCK DATE: 19th March, 1973

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Fe %	Mn ppm
D161	73-C-175	40	235	75	1	2.9	75
D162	73-C-176	80	100	550	1	6.3	1600
D163	73-C-177	40	40	545	1	5.9	1350
D164	73-C-178	60	940	1500	1	5.9	540
D165	73-C-179	120	4650.20%		1	5.4	1050
D166	73-C-180	70	1200	575	1	3.80.26%	
D167	73-C-181	60	330	460	1	4.9	410
D168	73-C-182	95	200	650	1	5.8	1500
D169	73-C-183	50	860	275	1	4.8	370
D170	73-C-252	85	1500	650	2	5.0	200
D171	73-C-184	600.26%		775	1	4.90.24%	
D172	73-C-185	30	230	140	1	3.4	145
D173	SAMPLE MISSING						
D174	73-C-186	40	215	170	1	3.1	70
D175	73-C-187	50	945	600	1	5.4	250
D177	73-C-188	70	1030	120	1	3.6	35
D178	73-C-189	70	1020	1150	1	8.2	1400
D180	73-C-190	80	1300	565	1	4.9	1600
D181	73-C-191	50	880	325	1	3.5	460
D182	73-C-192	650.24%		1500	1	8.70.44%	
D183	73-C-193	700.76%		200	1	2.0	110
D184	73-C-194	70	980	410	1	3.8	460
D186	73-C-195	70	1300	355	1	4.3	410
D187	73-C-196	400.31%		420	1	4.0	480
D188	73-C-197	600.42%	0.22%		2	11.20.36%	
D189	73-C-198	80	370	1165	1	4.30.27%	
D190	73-C-199	85	405	530	1	4.3	1350
D191	73-C-200	300.46%		615	3	6.5	900
D192	73-C-201	701.17%		805	2	9.80.33%	
D194	73-C-202	60	280	725	1	4.9	1450

METHODS:

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Chief Chemist

Roy W. Gardner

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 003194/95 PROJECT No. EL.7/68 - DUNDAS

LAB. SHEET No. 1284/7 SAMPLE TYPE: SOIL PROF. ROCK DATE: 19th March, 1973

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Fe %	Mn ppm
D195	73-C-203	70	950	350	1	4.4	360
D196	73-C-204	80	2.6%	260	1	1.7	210
D197	73-C-205	700	.27%	660	1	3.6	1600
D198	73-C-206	50	950	1700	1	3.5	1550
D199	73-C-207	600	.20%	.78%	1	5.8	.62%
D200	73-C-208	950	.47%	390	2	4.5	1300
D201	73-C-209	300	.38%	130	3	4.3	135
D202	73-C-210	1250	.45%	140	2	5.8	660
D204	73-C-211	600	.22%	385	1	3.0	100
D205	73-C-212	700	.85%	1600	2	12.2	920
D206	73-C-213	1100	.61%	700	2	5.4	325
D207	73-C-214	1100	.51%	260	BLD	2.4	40
D208	73-C-215	950	.48%	1270	3	10.7	80
D210	73-C-253	1001	.64%	410	3	2.8	45
D212	73-C-216	400	.65%	900	1	13.8	110
D213	73-C-217	900	.54%	350	1	6.2	60
D214	73-C-218	700	.66%	460	1	4.5	140
D215	73-C-219	1450	.49%	540	2	8.0	70
D216	73-C-220	450	.68%	230	1	2.6	460
D217	73-C-221	1900	.46%	550	1	8.7	560
D218	73-C-222	1700	.43%	1185	6	20.9	105
D219	73-C-223	800	.28%	370	4	6.2	140
D220	73-C-224	500	.40%	175	1	2.7	150
D221	73-C-225	750	.66%	815	3	12.3	175
D222	73-C-226	300	.31%	280	1	3.4	720
D223	73-C-227	5201	.24%	.25%	40	27.0	305
D224	73-C-228	210	1.1%	1700	90	26.1	150
D225	73-C-229	430	1.0%	805	35	10.2	305
D226	73-C-230	1000	.56%	540	21	3.3	80
D227	73-C-231	600	.25%	120	6	0.80	65

METHODS:

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Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 003195 PROJECT No.: EL.7 68 – DUNDAS

LAB. SHEET No.: 1284/8 SAMPLE TYPE: SOIL PROF. ROCK DATE: 19th March, 1973

SAMPLE No.	LAB. No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Fe %	Mn ppm		
D228	73-C-232	300	.61%	410	2	2.1	1250		
D230	73-C-233	550	4.6%	30.0%	17	3.0	700		
D231	73-C-234	500	.49%	380	3	2.4	145		
D232	73-C-235	500	.43%	0.28%	25	17.2	1500		
D234	73-C-236	40	1500	170	16	2.2	115		
D235	73-C-237	100	1.05%	1100	8	12.9	1.95%		
D236	73-C-238	120	2.7%	500	45	4.5	90		
D237	73-C-239	1350	.46%	340	12	4.8	205		
D238	73-C-240	700	.26%	210	2	5.8	1300		
D240	73-C-241	400	.26%	165	3	1.4	55		
D241	73-C-242	65	1500	350	17	6.5	1250		
D242	73-C-234	45	1550	95	3	4.0	1200		
D243	SAMPLE MISSING								
D244	73-C-244	65	1100	490	5	4.8	1150		
D245	73-C-245	6301	.77%	0.41%	395	14.9	0.23%		
D246	73-C-246	70	1600	320	6	4.9	1250		
D247	73-C-247	90	750	430	13	6.7	410		
D248	73-C-248	40	1600	215	4	5.4	1950		

METHODS:

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007433 PROJECT No.: EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No.: 1319/2 SAMPLE TYPE: ROCK DATE: 27th April, 1973

SAMPLE No.	LAB. No.	Sn %	Sn* ppm
MZ A1	73-D-651	0.10	0.28
MZ A2	73-D-652	0.10	0.55
MZ B1	73-D-653	0.06	0.16
MZ C1	73-D-654	0.04	
MZ C2	73-D-655	0.03	
MZ D	73-D-656	0.04	
MZ E	73-D-657	0.04	
MZ F	73-D-658	0.02	
MZ G	73-D-659	0.08	0.11
MZ H	73-D-660	0.06	0.03
MZ I	73-D-661	0.02	
MZ L	73-D-662	0.04	
MZ M	73-D-663	0.06	0.02
MZ N	73-D-664	0.02	
MZ O	73-D-665	0.10	0.20
MZ P	73-D-666	0.03	
MZ Q	73-D-667	0.03	
MZ R	73-D-668	0.03	
MZ S	73-D-669	<0.02	
MZ T	73-D-670	0.02	
MZ U	73-D-671	0.02	

METHODS: Sn by GRC NO. 5
* Sn by GRC NO. 105

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Chief Chemist Ray W. Gerhardy

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 007433 PROJECT No.: EL.7/68 - MONTEZUMA NORTH

LAB. SHEET No.: 1319/1 SAMPLE TYPE: ROCK DATE: 27th April, 1973

SAMPLE No.	LAB. No.	Cu ppm	Ni ppm	Co ppm	Pb ppm	Zn ppm	Ag ppm	Sb ppm	As ppm
MZ A1 *	73-D-651	1080			1.64%	0.36%	190	1.12%	4.0%
MZ A2 *	73-D-652	1.02%			12.0%	250	240	10.7%	0.82%
MZ B1 *	73-D-653	2.08%			33.6%	170	520	12.0%	900
MZ C1 *	73-D-654	0.44%			1.12%	420	810	0.80%	10.0%
MZ C2 *	73-D-655	920			0.64%	120	140	0.38%	7.4%
MZ D	73-D-656	1000	30	15	0.68%	90	45	0.42%	2.7%
MZ E	73-D-657	180	35	10	960	70	22	350	920
MZ F	73-D-658	125	65	20	430	70	28	310	890
MZ G	73-D-659	35	50	30	385	45	7	110	340
MZ H	73-D-660	30	50	20	185	35	6	80	470
MZ I	73-D-661	25	60	20	130	30	5	60	300
MZ L	73-D-662	70	20	10	1500	45	3	310	1700
MZ M	73-D-663	440	35	100	.20%	35	24	770	1420
MZ N	73-D-664	25	45	20	180	15	3	40	180
MZ O	73-D-665	20	20	5	190	15	6	60	240
MZ P	73-D-666	25	50	30	235	25	6	50	370
MZ Q	73-D-667	25	30	15	180	15	9	70	100
MZ R	73-D-668	30	30	20	225	15	10	70	240
MZ S	73-D-669	20	35	10	335	20	3	BLD	80
MZ T	73-D-670	20	5	BLD	1550	30	10	300	560
MZ U	73-D-671	10	30	10	110	20	1	BLD	760

METHODS:
Cu, Ni, Co, Pb, Zn, Ag by GRC NO. 1
* Cu, Pb, Ag by GRC NO. 101
Sb by GRC NO. 8
* Sb by GRC NO. 108
As by GRC NO. 3

NATA

This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

Ray W. Jackson

APPENDIX X

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DRAWING INDEX

E.L.7/68, DUNDAS DISTRICT

Box 1

B.374 Location of grids and access roads

B.375 Topography

B.376 Generalised geology

1.324 Structural map

1.327 Tectonic analysis map based on aerial photography

WEST DUNDAS AREA

B.382 Reconnaissance survey

Silver Grid

B.383 Gossan sample location

B.384 Soil geochemical survey, Lead values

B.385 " " " Silver values

CENTRAL DUNDAS AREA

B.377 V.L.F.-E.M. survey

B.379 Vertical magnetic intensity survey

B.380 S.P. survey

East South Comet Grid

1.352 C.L.F.-E.M. survey - 2 sheets

1.314 Geology

Box 2

Mariposa East Grid

1.351 V.L.F.-E.M. survey

1.340 Geology

Mt. Dundas Grid

1.358 V.L.F.-E.M. survey — 4 sheets

1.355 Geology — 4 sheets

Carbine West Grid

1.357 Soil geochemistry survey - 2 sheets

1.304 V.L.F.-E.M. survey - Missing - not on microfiche

Carbine East Grid

1.303 V.L.F.-E.M. survey - Missing - not on microfiche

Montezuma North Grid

Box 3

B.366 Soil geochemistry survey, Copper values - 2 sheets

B.367 " " " Lead values - 2 sheets

B.368 " " " Zinc values - 2 sheets

B.369 " " " Antimony values - 2 sheets

B.370 " " " Silver values - 2 sheets

one + = plan missing

B.371 " " " Above threshold contours - Sheet 1 missing

B.381 Soil sampling along Montezuma North Road

NORTH EAST DUNDAS AREA

1.356 Reconnaissance geology

B.386 Reconnaissance survey

1.360 Stream sediment sampling survey, Sample locations

1.361 " " " " Copper values

1.362 " " " " Lead values

1.363 " " " " Zinc values

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613430

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APPENDIX XI

Geophoto Minerals Reports

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J.H. Rattigan.

1969/29 The West Comet Prospect Operations to July 31st, 1969.
J.H. Rattigan and R. Paterson.

1969/30 Exploration Progress and Proposals on the Comet-Kosminsky Line, Dundas, Tasmania, E.L.7/68, Year ending October 31st, 1969.
J.H. Rattigan and R.G. Paterson.

1969/31 Memorandum Report, Structural Aspects of the Photo-geologic Evaluation of the Dundas Area, Tasmania, E.L.7/68, January, 1970.

1969/53 Preliminary I.P. Survey of the Kosminsky Hill Area, E.L.7/68, Tasmania by Austral Exploration Services Pty. Ltd.

1969/55 Proposals on Exploration of the Comet-Kosminsky-South Comet Line., E.L.7/68, West Tasmania, March, 1970.

1970/15 Completion Report on Diamond Drilling the Peripatetic Prospect, West Tasmania, E.L.7/68, June, 1970.

1970/18 Petrographic Identification of Dundas Cores and Rocks, E.L.7/68, West Tasmania.
J.H. Rattigan.

1970/18A Preliminary Petrographic Identification of Dundas Cores and Rocks, E.L.7/68.
W.S. Turner.

1970/27 The Great South Comet Workings, West Tasmania, April, 1970.
W.S. Turner.

1970/29 Report on an Initial Economic Evaluation for Lead, Zinc and Silver Deposits in Australia, April, 1970.
J.J. Schanz Jr. and J.D. Juilland.

1970/38 Kosminsky-South Comet Target Appraisal at June 30th, 1970.
J.H. Rattigan.

1970/38A Proposals on Comet-Kosminsky Prospect for 1970-1971.
J.H. Rattigan.

1970/38B Kosminsky, Comet and South Comet Grids, 13th August, 1970.
List of Diamond Drill Holes.

Geophoto Minerals Reports

1970/41 Dundas Permits - Exploration Targets for period June, 1970 to March, 1971.
R.G. Paterson.

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R.G. Paterson.

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L.J.B. Richardson.

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A.C. Johnston.

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W.S. Turner.

1971/48 Geologic, Geochemical and Geophysical Surveys in Montezuma North Area of E.L.7/68, Dundas, N.W. Tasmania, December, 1971.
W.S. Turner.

1972/9 Summary Report of Diamond Drilling in E.L.7/68, Dundas, September, 1972.
J.B. Thigpen.

1972/10 Appraisal of the Mineral Exploration Programme in E.L.7/68, Dundas, Tasmania to September, 1972.
J.D. Juilland.
(Restricted to Internal Circulation only).

1972/11 Human, Equipment and Financial Resources for the recommended 1973 Exploration Programme in E.L.7/68, Dundas, McIntyre and Amber Creek Areas, November, 1972.
J.D. Juilland.
(Restricted to Internal Circulation only).

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050/98 ?

613434

Geophoto Minerals Reports

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L. Discala.

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613435

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345,000yE 145°24' 347,500yE 145°26' 350,000yE 145°28' 352,500yE 145°30' 355,000yE

845,000 y N 41°52'

842,500 y N

840,000 y N 41°54'

To Penguin

To Zeehan

ZEEHAN JUNCTION

Dundas (abandoned)

Queenstown Burnie Road

MT. RAZORBACK

MT. DUNDAS

North Montezuma Track

South Montezuma Track

Creek

West Comet Track

White Spur Creek

CARBINE WEST

CARBINE EAST

NORTH COMET

Moestri Mill Site

RAZORBACK

HASSET-GRAVEL PIT

WEST COMET

West Comet Mine

Comet-Moestri Mine

PLATT

COMET KOSMINSKY

AINSLIE

Ainslie

King Pandas

ADELAIDE

Adelaide Mine

RED LEAD

BONANZA

Kosminsky Mine

Great South Comet Mine

SOUTH COMET

EAST SOUTH COMET

SILVER

MARIPOSA WEST

MARIPOSA EAST

MARIPOSA SOUTH

MT. DUNDAS

MONTEZUMA NORTH

MONTEZUMA SOUTH

LEGEND

- Road
- Vehicular track
- Foot track
- Boundary of E.L. 7/68
- Boundary of Mineral Lease held by others
- Grid boundary
- Grid lines
- Old Workings

NOTE: The grid is a compilation of photographic reductions of the 100 ft = 1 in. sheets

5 cm

Scale: 1:12,500

1000 0 1000 2000 3000 4000 Feet

500 0 500 1000 Metres

613436 14-996 Box 1

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

SYDNEY, AUSTRALIA

TEXINS DEVELOPMENT PTY. LTD.

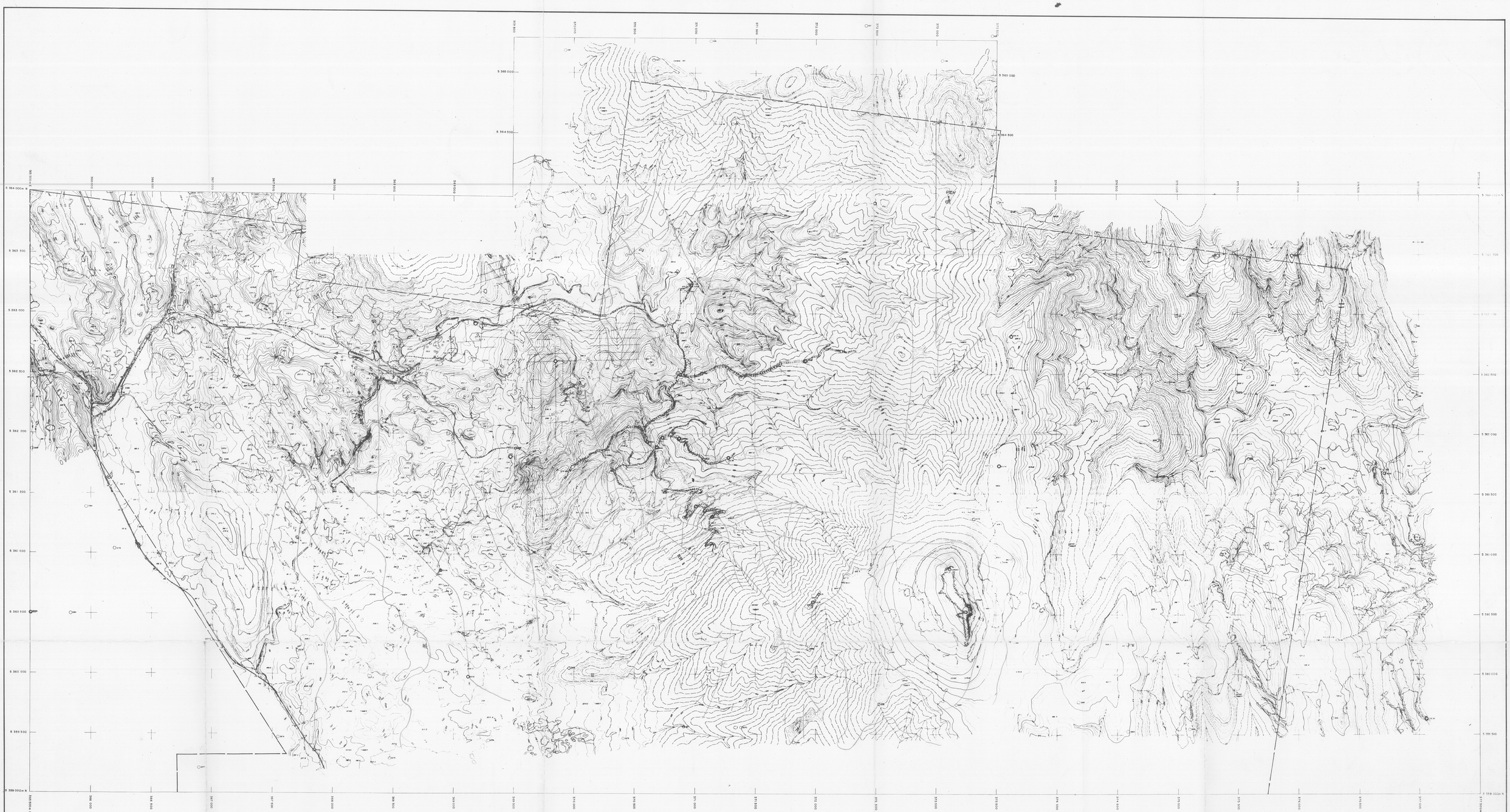
E.L.7/68 DUNDAS DISTRICT, TASMANIA

LOCATION OF GRIDS & ACCESS ROADS

2389

PROJECT	7/68	AUTHOR	L. Discola	DATE	Feb. 1974	DWG No.	B-374

14/996



5 cm

Scale: 1:12,500

1000 0 1000 2000 3000 4000 Feet

500 0 500 1000 Metres

NOTE : This drawing is a reduced compilation of the topographical series prepared by Australian Aerial Mapping Pty. Ltd.

613137 74-996 Bsx1

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EL7/68 DUNDAS DISTRICT, TASMANIA

TOPOGRAPHY

2390

PROJECT	7/68	AUTHOR	—	DATE	Feb, 1974	DWG Nº	B-375



SEDIMENTARY AND METAMORPHIC ROCKS

QUATERNARY	Q	Alluvium
	Qt	Talus
	Qpm	Moraine deposits
PERMIAN	Pt	Zeehan glacial formation
DEVONIAN	Db	Bell shale
	Df	Florence quartz
SILURIAN	Sac	Austral Creek siltstone
	Sk	Keel quartzite
	Sa	Amber slate
	Sc	Crotty quartzite
ORDOVICIAN	Og	Gordon limestone
	Om	Moina limestone

CAMBRIAN — Dundas Group	Cm	Mount Zeehan conglomerate
	Ccl	Climie formation
	Cf	Fernflow formation
	Cco	Comet formation
	Cfe	Fernfields formation
	Cb	Brewery Junction formation
	Cro	Razorback formation
	Ch	Hodge formation
	Cr	Red lead formation
	Cd	Dundas Group unassigned

CAMBRIAN	Cs_2	Silicified zone
	Cc	Crimson Creek formation
PROTEROZOIC	Puo	Oonah formation
	Pc	Concert formation

IGNEOUS ROCKS

Jd	Jurassic dolerite
Cdv	Volcanics (Dundas Group)
Cs	Cambrian serpentine

- Field observed dip
- Vertical bedding
- Schistosity inclined
- Fault, normal
- Fault, reverse
- Wrench fault (right)
- Wrench fault (left)
- Fault, position indefinite
- Fault, position inferred
- Distinctive lineation, possible fault or fracture

Dotted where concealed with arrow showing dip

- Dyke (dolerite)
- Joint inclined
- Joint vertical
- Contact, dashed where indefinite, questioned where inferred
- Anticline, arrow denotes plunge, dashed where indefinite
- Identified isolated or faulted segment with labelled area
- Dip and strike. Amount of dip cannot be determined by photographs
- Mineralized trends

(1) Kosminsky – South Comet Zone
- A - Kosminsky section
- B - South Comet section
- C - Climie section
- D - Mariposa section

(2) Comet
(3) West Comet
(4) Kosminsky Hill West
(5) Kosminsky Hill East and Ainslie
(6) Adelaide
(7) Corbine
(8) Montezuma
- A - Galena vein
- B - Jamesonite-Pyrite vein

Scale: 1:12,500

1000 0 1000 2000 3000 4000 Feet

500 0 500 1000 Metres

5 cm

613438 74-996 Box 1

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TEXINS DEVELOPMENT PTY. LTD.

EL 7/68 DUNDAS DISTRICT, TASMANIA

GENERALISED GEOLOGY

2391

PROJECT	7/68	AUTHOR	L. Discola	DATE	Feb, 1974	DWG N°	B-376

74/996

343,000yE 345,000yE 145°24'E 347,500yE 145°26'E 350,000yE 145°28'E 352,500yE 145°30'E 355,000yE 356,000yE

846,500yN

845,000yN
41°52'S

842,500yN

41°54'S

840,000yN

839,500yN

MONTEZUMA FAULT

FAULT

MT. DUNDAS

CONLIFFE

RELIABILITY DIAGRAM

- DETAIL GEOLOGY. (100'–1").
- RECONNAISSANCE GEOLOGY.(500'–1").
- PHOTOGEOLOGY. (1:12,500)

LEGEND

- Field observed dip.
- Vertical bedding.
- Schistosity inclined.
- Joint inclined.
- Joint vertical.
- Dip and strike. Amount of dip cannot be determined on photographs.
- Dip, group 4, 25° to 45°.
- Dip group 5, 45° to nearly vertical.
- Dyke.

- Fault, normal.
- Fault, reverse.
- Wrench fault (right)
- Wrench fault (left)
- Fault, position indefinite.
- Fault, position inferred.

Dotted where concealed with arrow showing dip.

- Distinctive lineation, possible fault or fracture.

- Anticline, arrow denotes plunge, dashed where indefinite.
- Syncline, arrow denotes plunge, dashed where indefinite.
- Axis of syncline appears to coincide with fault trace.

Note:
Field Data by L. DiScala, L. Johnston, R. Patterson, J. Thigpen, W. Turner.

5 cm

Scale: 1:12,500

1000 0 1000 2000 3000 4000 Feet

500 0 500 1000 Metres

613439

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E.L.7/68 DUNDAS DISTRICT TASMANIA

STRUCTURAL MAP

2392

PROJECT	E.L.7/68	AUTHOR	See Note.	DATE	Sept. 1972	DWG Nº	1/324

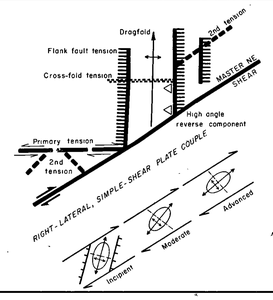
74-996 BSX1

343,000yE 345,000yE 145°24'E 347,500yE 145°26'E 350,000yE 145°28'E 352,500yE 145°30'E 355,000yE 356,000yE

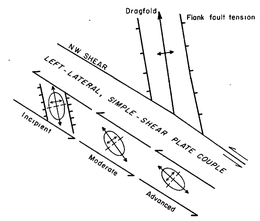
846,500yN 845,000yN 41°52'S 842,500yN 41°54'S 840,000yN 839,500yN

LINEAMENT
1N
1S
2N
2M
2S
3M
3S
4
5
6
7
DUNDAS
NORTH
SOUTH
LINEAMENT
E.L. 7/68 BOUNDARY
Razorback
North Comet
West Comet
Platt
Ainslie
Adelaide
Cosmirsky
? Black Jack's
Moores Pimple

5 cm



LEGEND



Note:

2S AREAS DISCUSSED BY G THOMAS IN HIS MARCH 27, 1972 MEMORANDUM TO R H BARTON .

Scale: 1:12,500

1000 0 1000 2000 3000 4000 Feet

500 0 500 1000 Metres

613440

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BRISBANE AUSTRALIA

TN

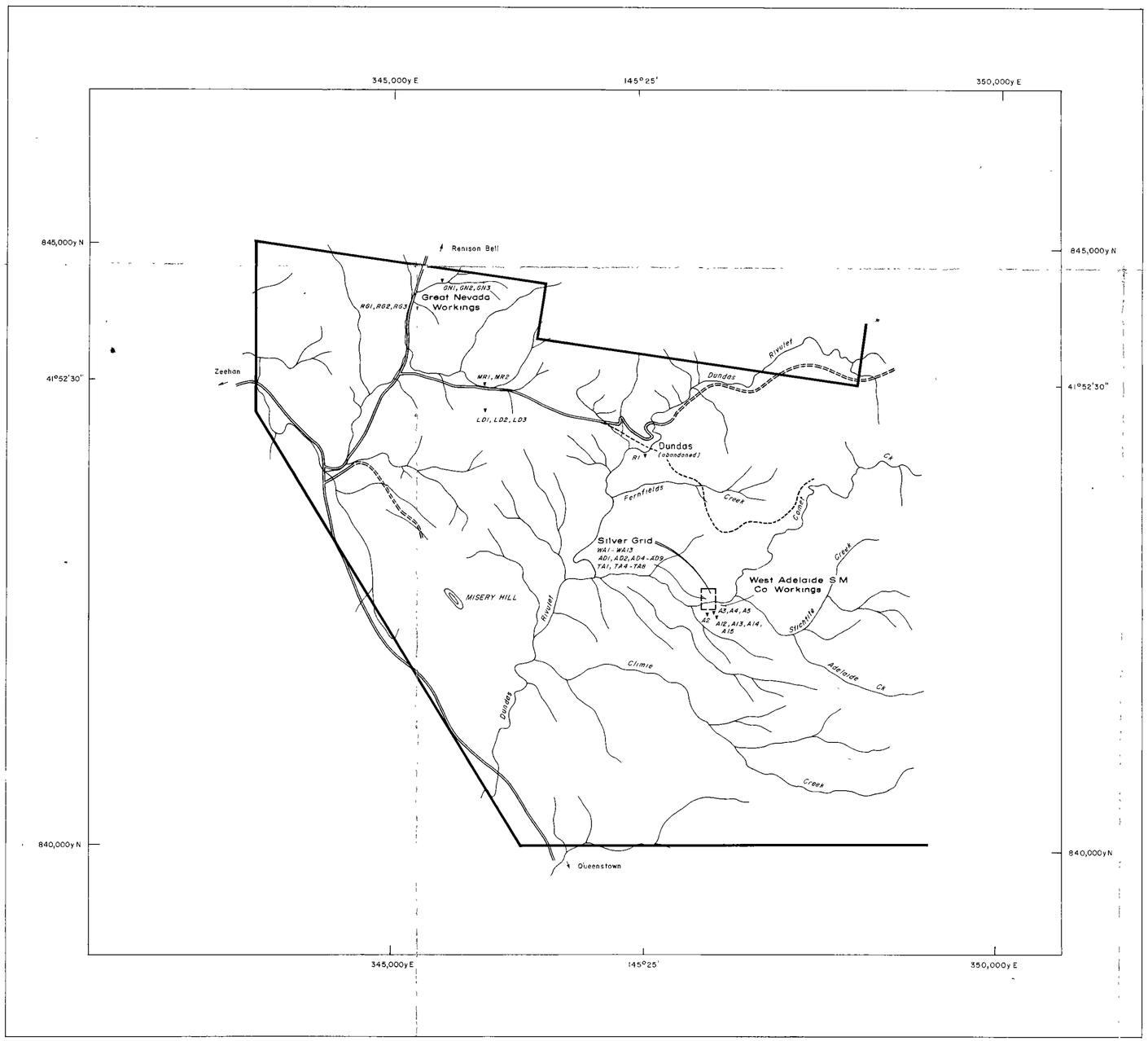
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E.L.7 / 68 DUNDAS DISTRICT TASMANIA

TECTONIC ANALYSIS MAP BASED ON AERIAL PHOTOGRAPHY 2388

PROJECT	E L 7/68	AUTHOR	G Thomas	DATE	Sept 1972	DWG Nº	1/327

74-996 Box 1.



LEGEND

- Road
- Vehicle track
- Disused track
- Water course
- Rock chip sample location
- Outline of grid area
- Boundary of E.L. 7/68

Scale. 1: 25,000

2000 0 2000 4000 6000 8000 Feet

1000 0 1000 2000 Metres

5 cm

613441

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

SYDNEY, AUSTRALIA

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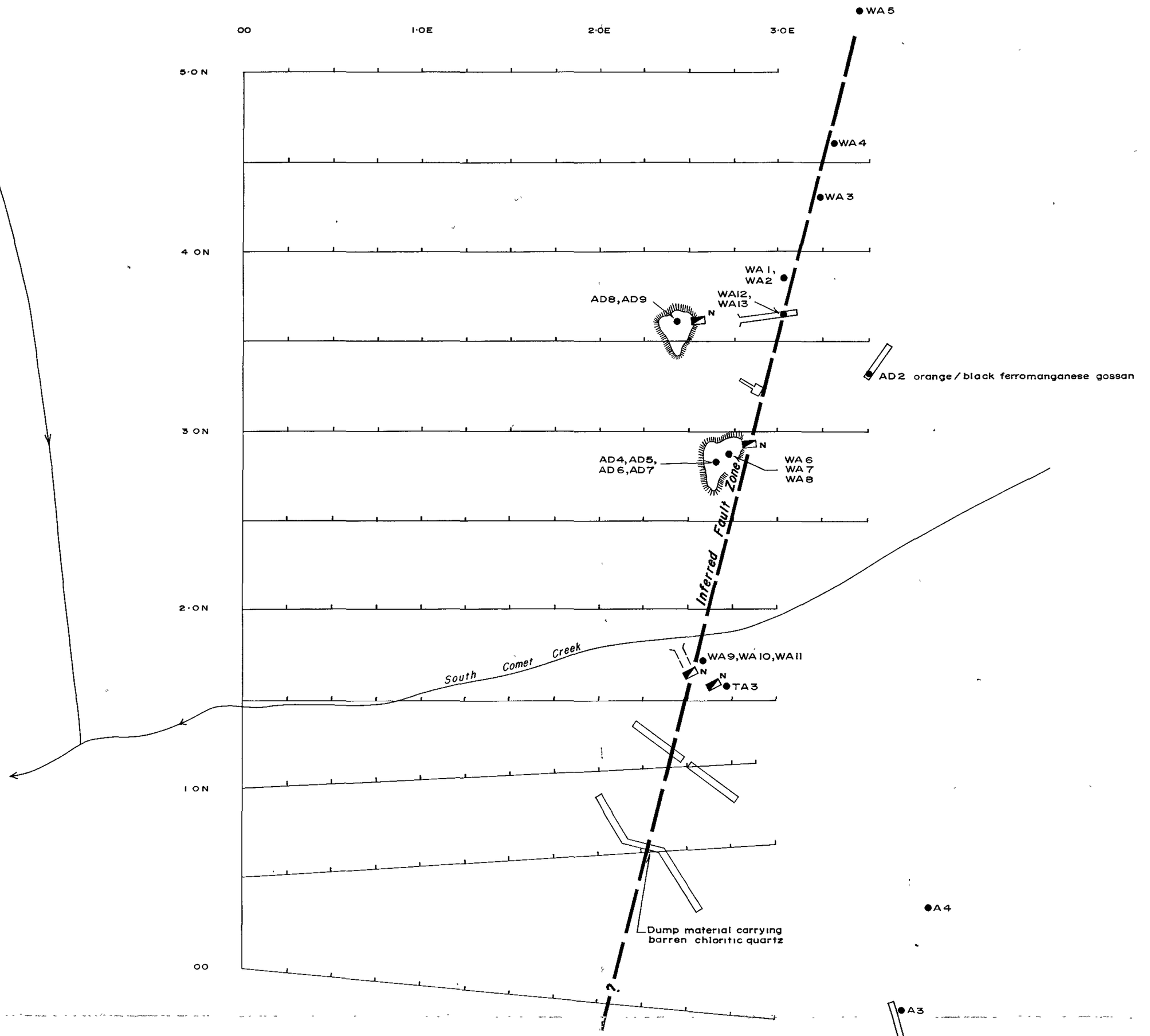
EL 7/68 DUNDAS DISTRICT, TASMANIA

WEST DUNDAS AREA
RECONNAISSANCE SURVEY
SAMPLE LOCATIONS

2393

PROJECT	7/68	AUTHOR	A C Johnston	DATE	March, 1974	DWG Nº	B- 382

74-996 Box 1



LEGEND

- A2 ● Gossan sample location
- N ▰ Shaft – inaccessable
- Adit
- Dump
- Trench

Scale 50 Feet to 1 Inch

50 0 50 100 150 200 Feet

25 0 25 50 Metres

5 cm

613442

TRUE NORTH

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

SYDNEY, AUSTRALIA

TEXINS DEVELOPMENT PTY. LTD.

EL 7/68 DUNDAS DISTRICT, TASMANIA

WEST DUNDAS AREA

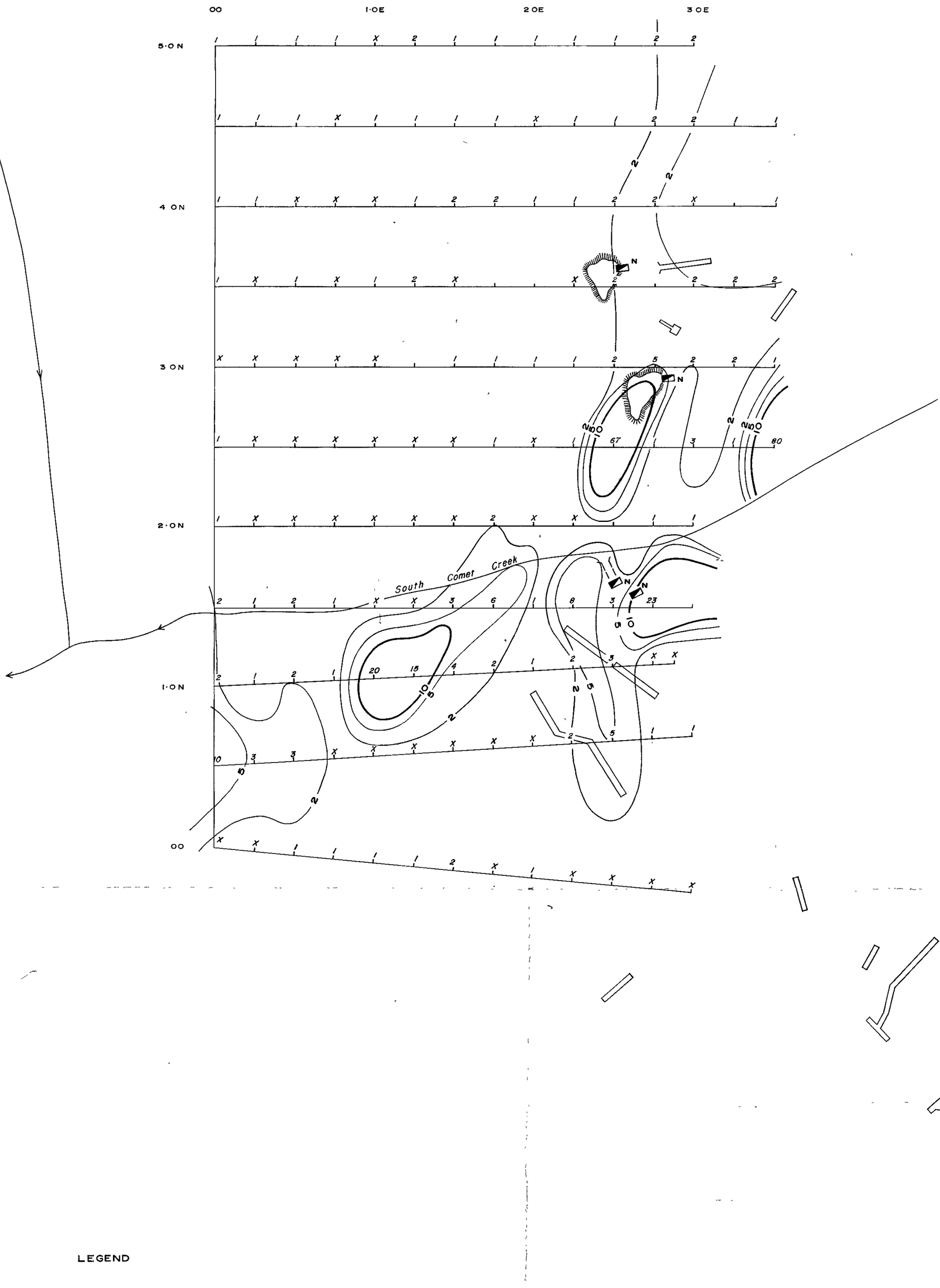
SILVER GRID

GOSSAN SAMPLE LOCATIONS

2394

PROJECT	7/68	AUTHOR	A.C.Johnston	DATE	Feb, 1974	DWG Nº	B-383

74-996 Box 1.



LEGEND

- Shaft–inaccessable
- Adit
- Dump
- Trench

Scale 50 Feet to 1 Inch

50 0 50 100 150 200 Feet

25 0 25 50 Metres

5 cm

613443

TRUE NORTH

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

SYDNEY, AUSTRALIA

TEXINS DEVELOPMENT PTY. LTD.

EL 7/68 DUNDAS DISTRICT, TASMANIA

WEST DUNDAS AREA

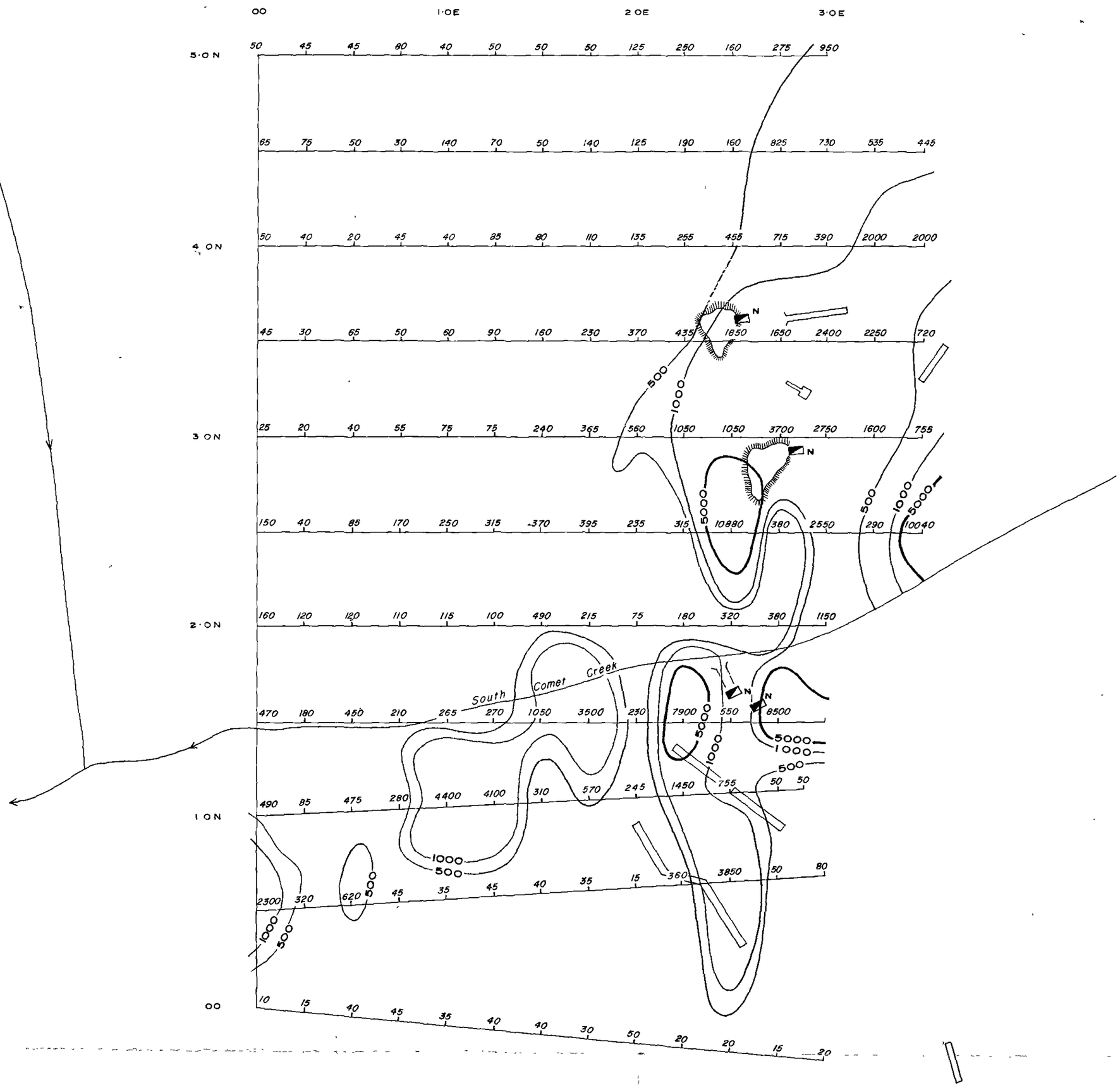
SILVER GRID

SOIL SAMPLING SURVEY

LEAD VALUES P.P.M. 2395

PROJECT	7/68	AUTHOR	A C Johnston	DATE	Feb, 1974	DWG Nº	B-384

74-996 Box 1



LEGEND

- N — Shaft-Inaccessable
- Adit
- Dump
- Trench

TRUE NORTH

Scale 50 Feet to 1 Inch

50 0 50 100 150 200 Feet

25 0 25 50 Metres

5 cm

613444

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

SYDNEY, AUSTRALIA

TEXINS DEVELOPMENT PTY. LTD.

EL 7/68 DUNDAS DISTRICT, TASMANIA

WEST DUNDAS AREA

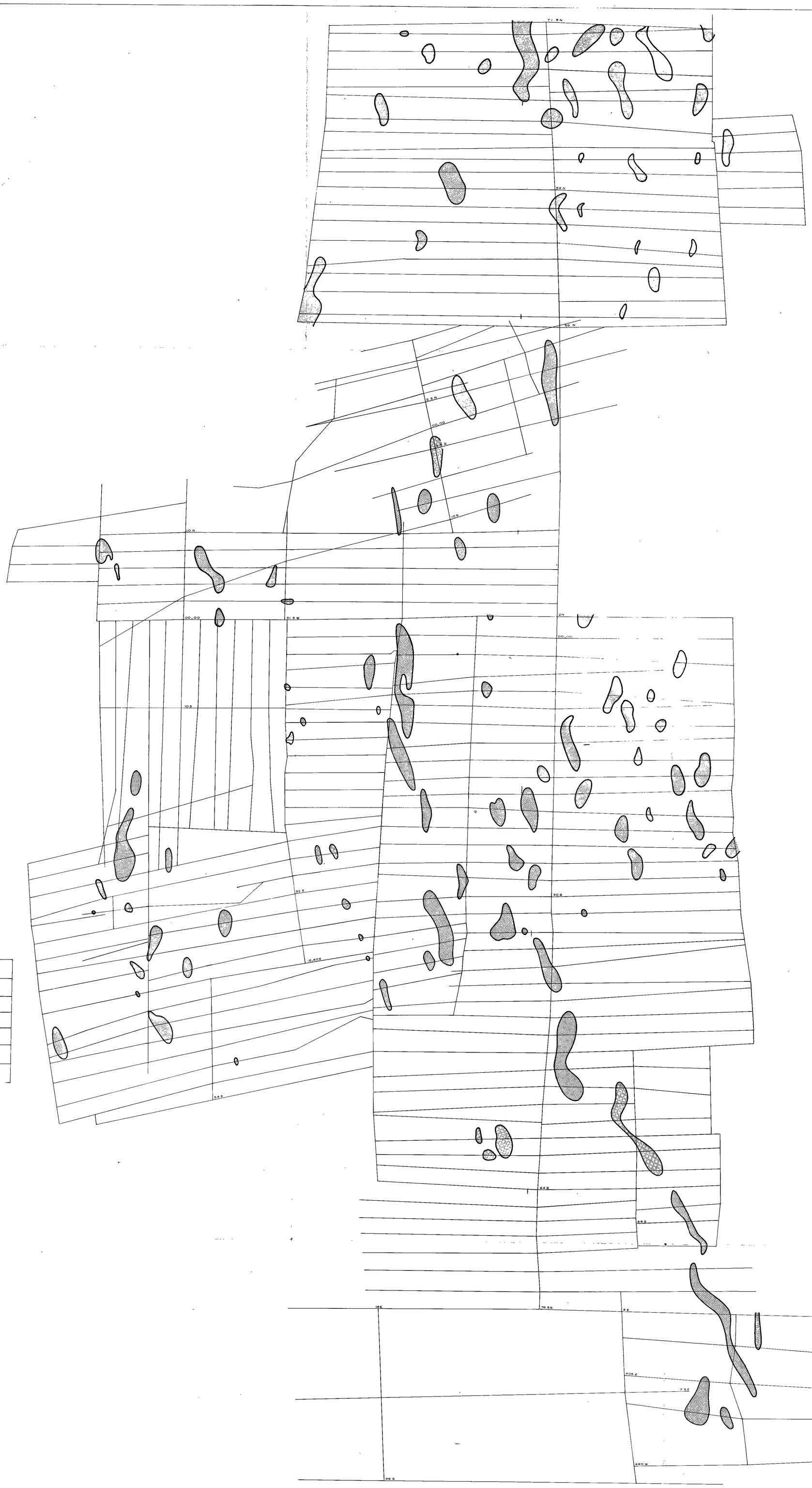
SILVER GRID

SOIL SAMPLING SURVEY

SILVER VALUES P.P.M 2396

PROJECT	7/68	AUTHOR	A C Johnston	DATE	Feb, 1974	DWG Nº	B-385

74-996 Box 1



NOTE The grids and contours shown are compiled from photographic reductions of 100' = 1" sheets

In-Phase data processed according to Fraser (1969)

First derivative contour +20 unit value

TRUE NORTH

Scale 500 Feet to 1 Inch

500 0 500 1000 1500 2000 Feet

250 0 250 500 Metres

5 cm

613445

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

SYDNEY, AUSTRALIA

TEXINS DEVELOPMENT PTY. LTD.

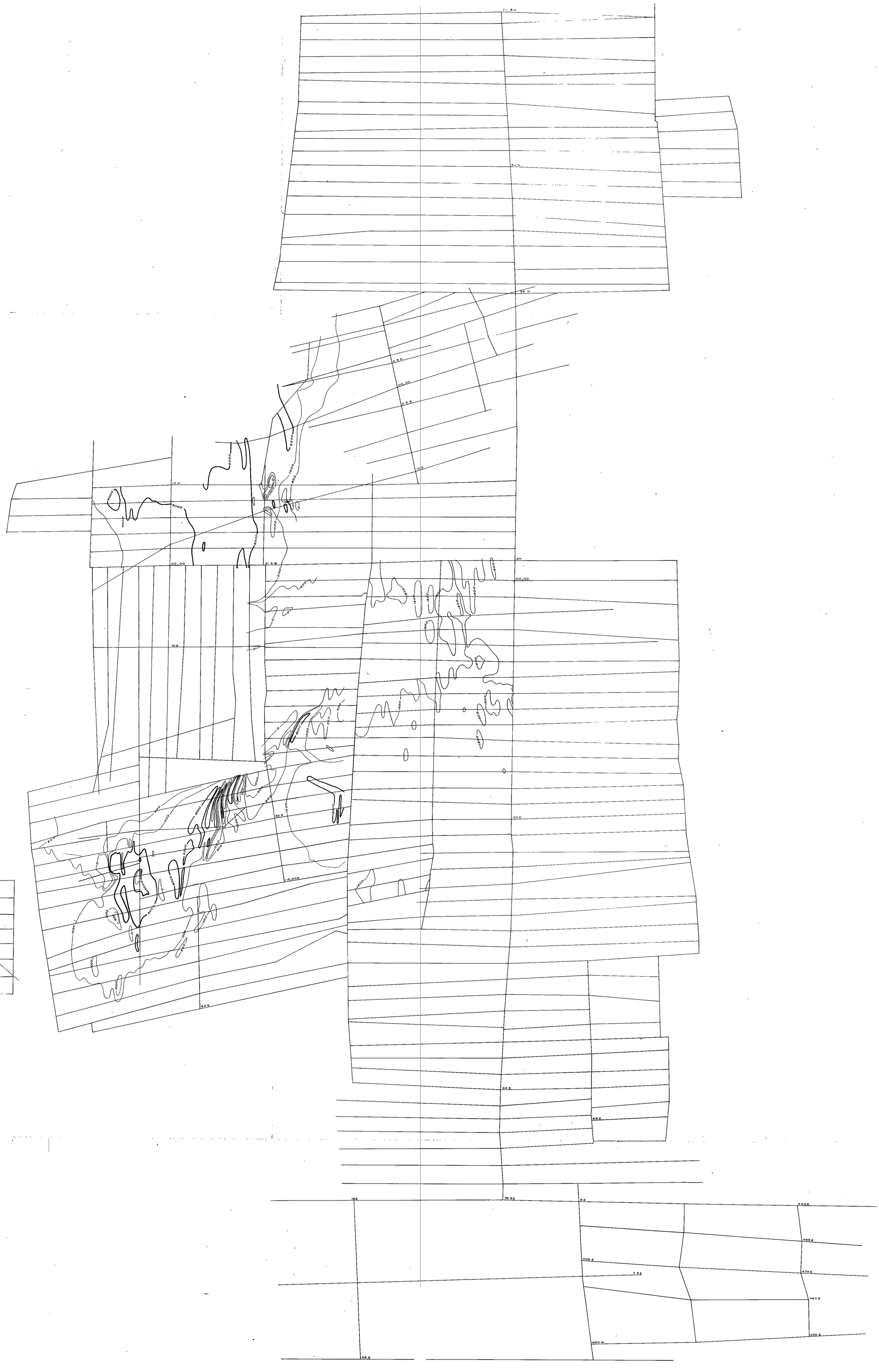
EL 7/68 DUNDAS DISTRICT, TASMANIA

CENTRAL DUNDAS AREA VLF-EM SURVEY

2397

PROJECT	7/68	AUTHOR	L Discala	DATE	Feb, 1974	DWG Nº	B-377

74-996 Box 1



NOTE · The grids and contours shown are compiled from photographic reductions of 100' = 1" sheets.

TRUE NORTH

Scale: 500 Feet to 1 Inch

500 0 500 1000 1500 2000 Feet

250 0 250 500 Metres

5 cm

613446

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

SYDNEY, AUSTRALIA

TEXINS DEVELOPMENT PTY. LTD.

EL 7/68 DUNDAS DISTRICT, TASMANIA

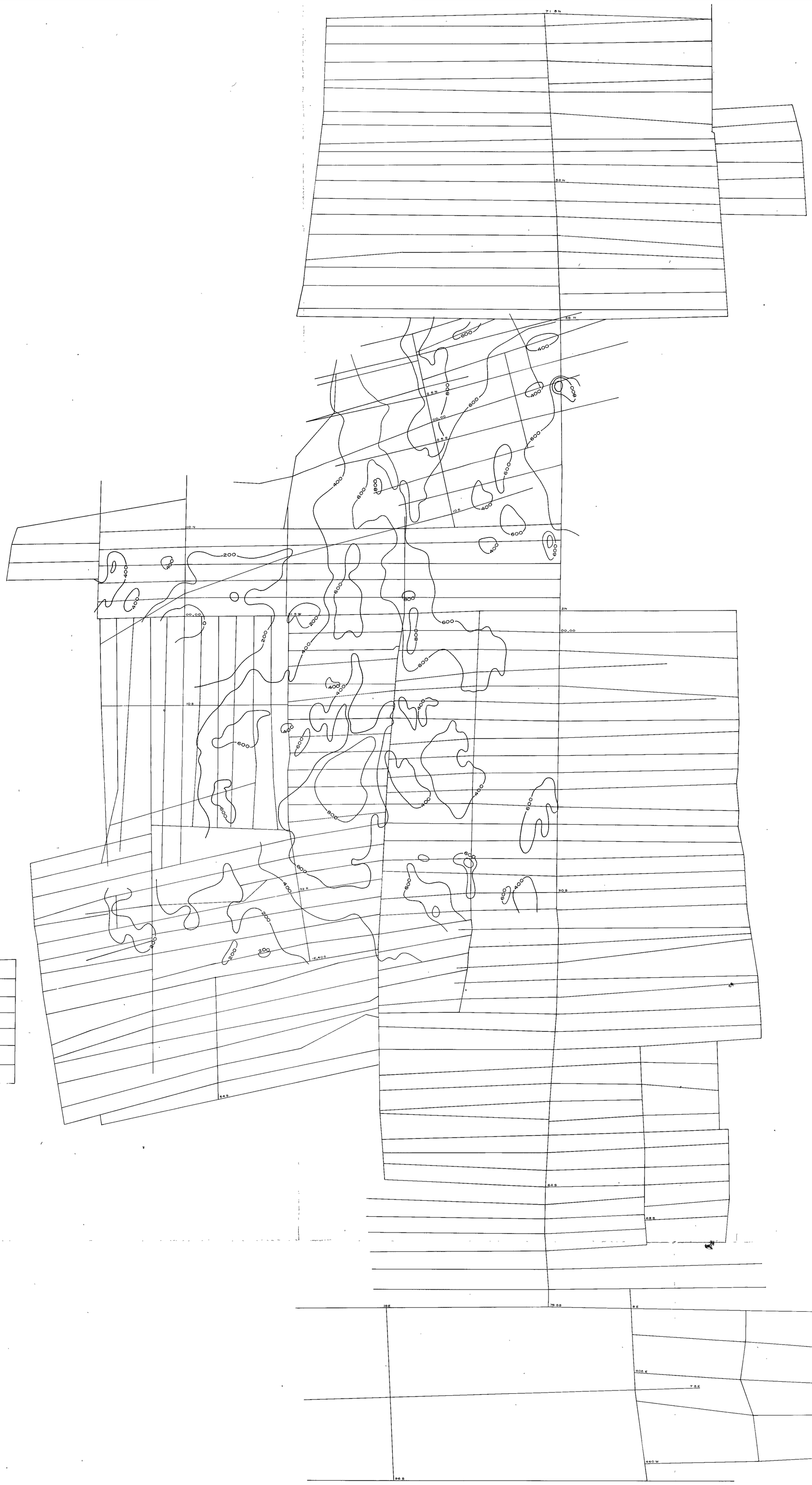
2398

CENTRAL DUNDAS AREA

VERTICAL MAGNETIC INTENSITY SURVEY

PROJECT	7/68	AUTHOR	L Discala	DATE	Feb, 1974	DWG Nº	B-379

74-996 Box 1



NOTE The grids and contours shown are compiled from photographic reductions of 100' = 1" sheets

613447

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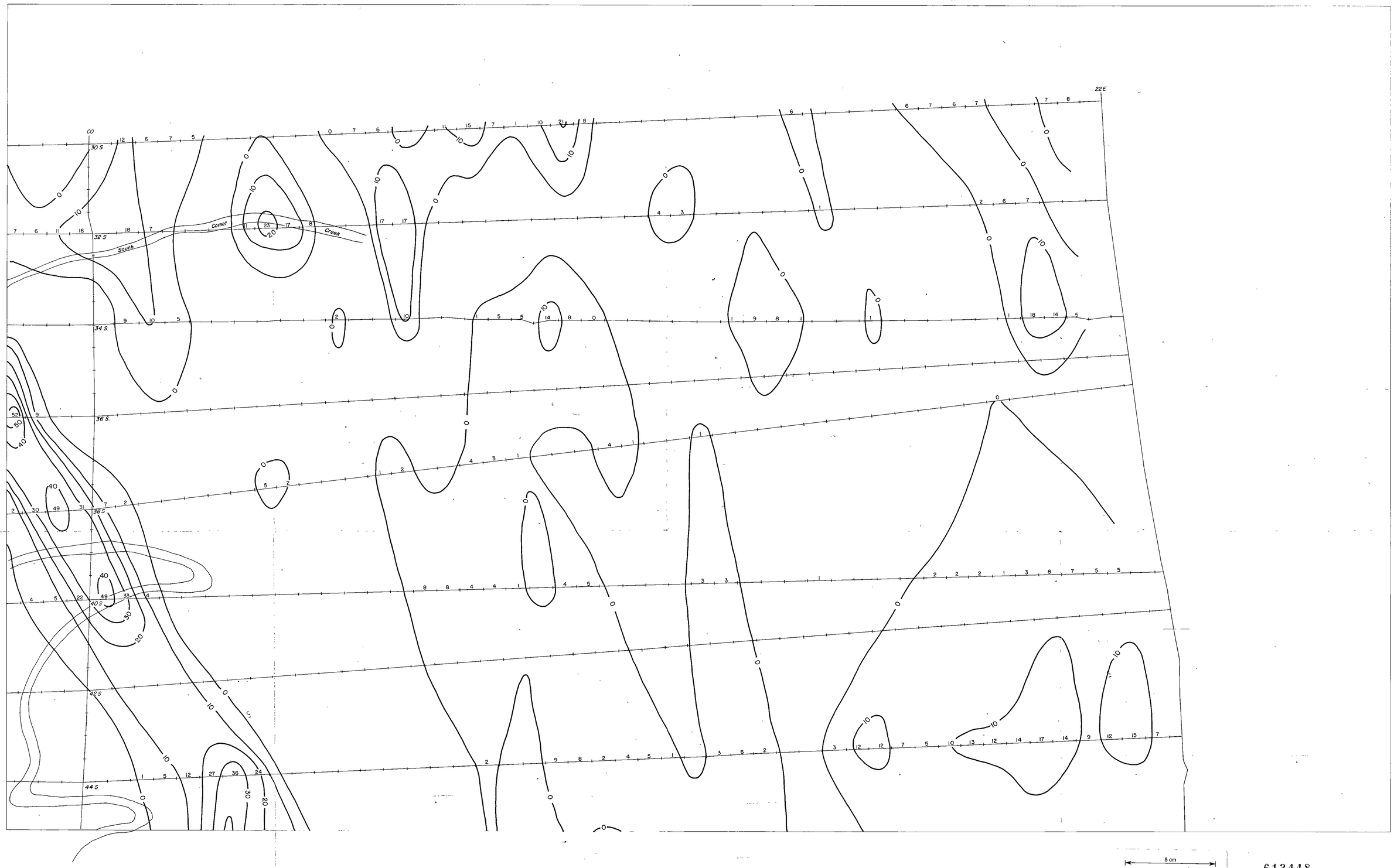
CENTRAL DUNDAS AREA

SP SURVEY

2399

PROJECT	7/68	AUTHOR	L Discala	DATE	Feb, 1974	DWG Nº	B-380

74-996 Box 1



5 cm

613148

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5 First Derivative Value

Scale 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

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EAST SOUTH COMET GRID

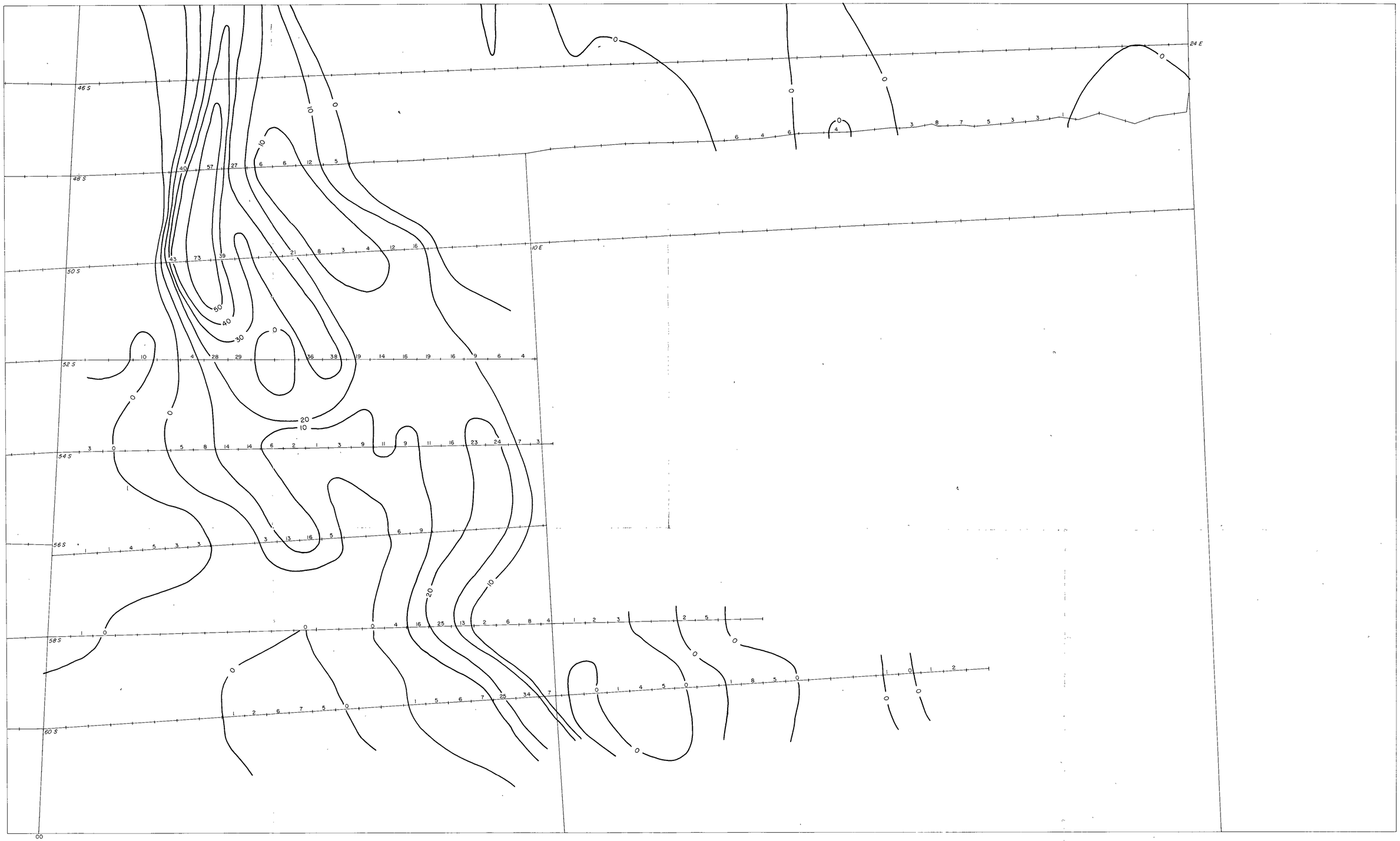
2400

V.L.F. E.M. FIRST DERIVATIVE CONTOURS

PROJECT	7/68	AUTHOR		DATE	MARCH '73	DWG Nº	1/352

74-996 Box 1

SHEET 1 of 2



5 cm

613449

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5 First Derivative Value

Scale. 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

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TEXINS DEVELOPMENT PTY LTD.

E.L. 7/68 DUNDAS DISTRICT, TASMANIA

EAST SOUTH COMET GRID

2401

V.L.F.-E.M. FIRST DERIVATIVE CONTOURS

PROJECT	7/68	AUTHOR		DATE	MARCH '73	DWG NO	1/352

74-996 Box1

Black slate & quartzite

Black slate & quartzite

Black slate & quartzite with limonite

Greywacke (?South Comet grit)

Grey, grey green micaceous sandstone (South Comet grit ?)

Limonite gossan

Shaft

Shaft

Quartz limonite

DDH SC11 & SC11A

Adit location approx

Minor Pb mineralization.

Some gossc scree

DDH SC4 & SC4A

Some siderite veining

Some siderite veining, with Pb-Zn & pyrite mineralization

Fe, Mn, Gossan.

DDH SC5

Adit 5' Long

8" wide light grey chert bed

Pb, Zn mineralization 2' wide Siderite gangue

Inaccessible adit 30' long, position approx

Siltstone breccia

Light grey sandstone grit

Conglomerate

Conglomerate

Quartzite & slate

Conglomerate

Conglomerate

Conglomerate

Well laminated quartzite & slate

Well laminated quartzite & slate

Mineralized joint, galena & course sphalerite

Conglomerate

Conglomerate

Conglomerate

Conglomerate

Conglomerate

Green siltstone

Conglomerate

Conglomerate

LINE 10E

LINE 10E

5 cm

74-996 Box1

LEGEND

CAMBRIAN

- FERNFIELDS FORMATION (UNDIVIDED) €fe
  - €fe1 Sandstone quartzose, grey–brown Quartzite, light grey
  - €fe2 Mudstone conglomerate, siltstone, quartzite and shale Mudstone, fine grained Siltstone, grey green well laminated Quartzite, light grey Shale, brown grey
- BREWARY JUNCTION FORMATION (UNDIVIDED) €b
  - €b1 Mudstone, siltstone Mudstone, pebbly red Siltstone, pink green khaki brown
  - €b2 Sandstone, siltstone Sandstone fine light grey Siltstone, grey well laminated
  - €b3 Siltstone, grey green
- RAZORBACK CONGLOMERATE FORMATION €ra — Greywacke conglomerate Grey chert conglomerate with interbedded sandstone and greywacke

CAMBRIAN

- HODGE FORMATION €h — Sandstone, siltstone, mudstone Sandstone tan fine grained, Siltstone grey, mudstone black
- CRIMSON CREEK FORMATION €c
  - €c1 Mudstone, siltstone, shale Grey, green, khaki, pink and black
  - €c2 Mudstone–siltstone, mauve and green

PROTEROZOIC

- OONAH FORMATION Euo
  - Euo1 Slate, light grey greenish
  - Euo2 Quartzite, slate Light grey micaceous quartzite and black graphitic slate

- Fault, dashed where indefinite, questioned where inferred
- Contact, dashed where indefinite, questioned where inferred
- Anticline / Syncline — Arrow denotes plunge
- Field observed dip
- Field observed vertical bedding
- General dip of beds having subordinate folds
- Joint inclined
- Joint vertical
- Shearing, inclined
- Shearing, vertical
- Foliation, inclined
- Cleavage, inclined
- Cleavage, vertical
- Quartz veining
- Trench or costean
- Adit
- Brecciation
- Shaft
- Pit
- Diamond Drill hole
- Road
- Creek

613450

Scale: 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

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TEXINS DEVELOPMENT PTY LTD

E.L. 7/68 DUNDAS DISTRICT TASMANIA

EAST SOUTH COMET GRID GEOLOGICAL MAP 2402

PROJECT	E.L. 7/68	AUTHOR	L Discala	DATE	June 1972	DWG No	1/314

74/021

62 5 S
64 5 S
65 8 S
67 5 S
69 05 S
70 8 S
72 7 S
74 5 S
76 5 S
00
10 E
9E

613451

5 cm

First Derivative Value

Scale 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

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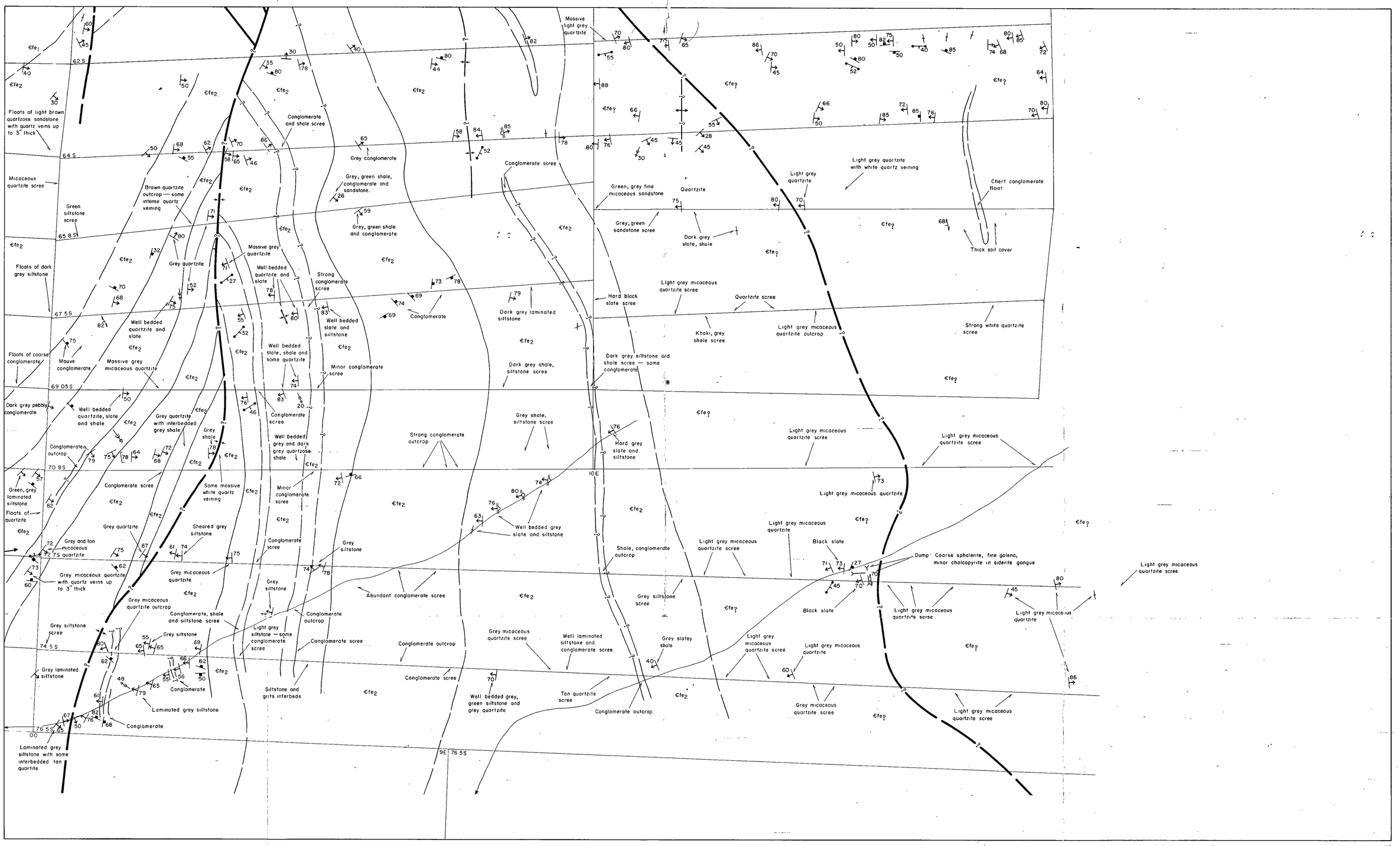
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E.L. 7/68 DUNDAS DISTRICT TASMANIA

MARIPOSA EAST GRID
2403

V.L.F. E.M. FIRST DERIVATIVE CONTOURS

PROJECT	E.L. 7/68	AUTHOR		DATE	MARCH '73	DWG NO	1/351

74-996 Box 2



5 cm

Scale 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

613452

74-996 Box 2

LEGEND

CAMBRIAN — FERNFIELDS FORMATION €fe
- €fe2 — Conglomerate - siltstone - quartzite - shale
- €fe? — Undivided: mostly micaceous quartzite

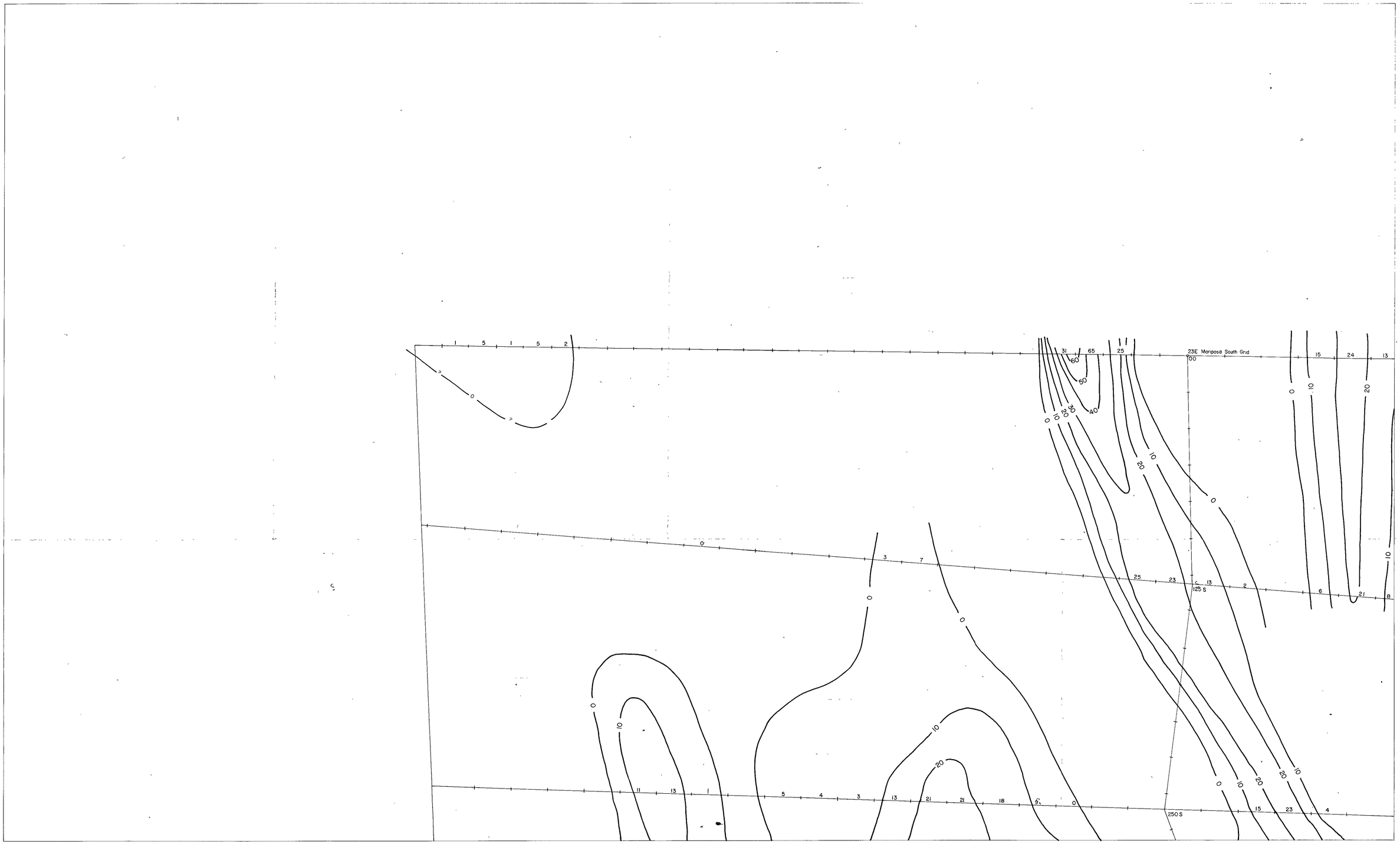
- Fault, dashed where indefinite, questioned where inferred
- Contact, dashed where indefinite, questioned where inferred
- Anticline / Syncline — Arrow denotes plunge
- Field observed dip
- Field observed vertical dip
- General dip of beds having subordinate folds
- Joint inclined
- Joint vertical
- Shearing inclined
- Cleavage inclined
- Quartz veining
- Plunge of small anticlinal fold
- Plunge of small synclinal fold
- Prospect trench
- Brecciation
- Creek

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TEXINS DEVELOPMENT PTY LTD.
E.L 7/68 DUNDAS DISTRICT TASMANIA
MARIPOSA EAST GRID
GEOLOGICAL MAP 2404

PROJECT	E.L 7/68	AUTHOR	W Turner	DATE	Aug 1972	DWG Nº	1/340



613453

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5 First derivative value

Scale 1 1,000

100 0 100 200 Feet

50 0 50 100 150 200 Metres

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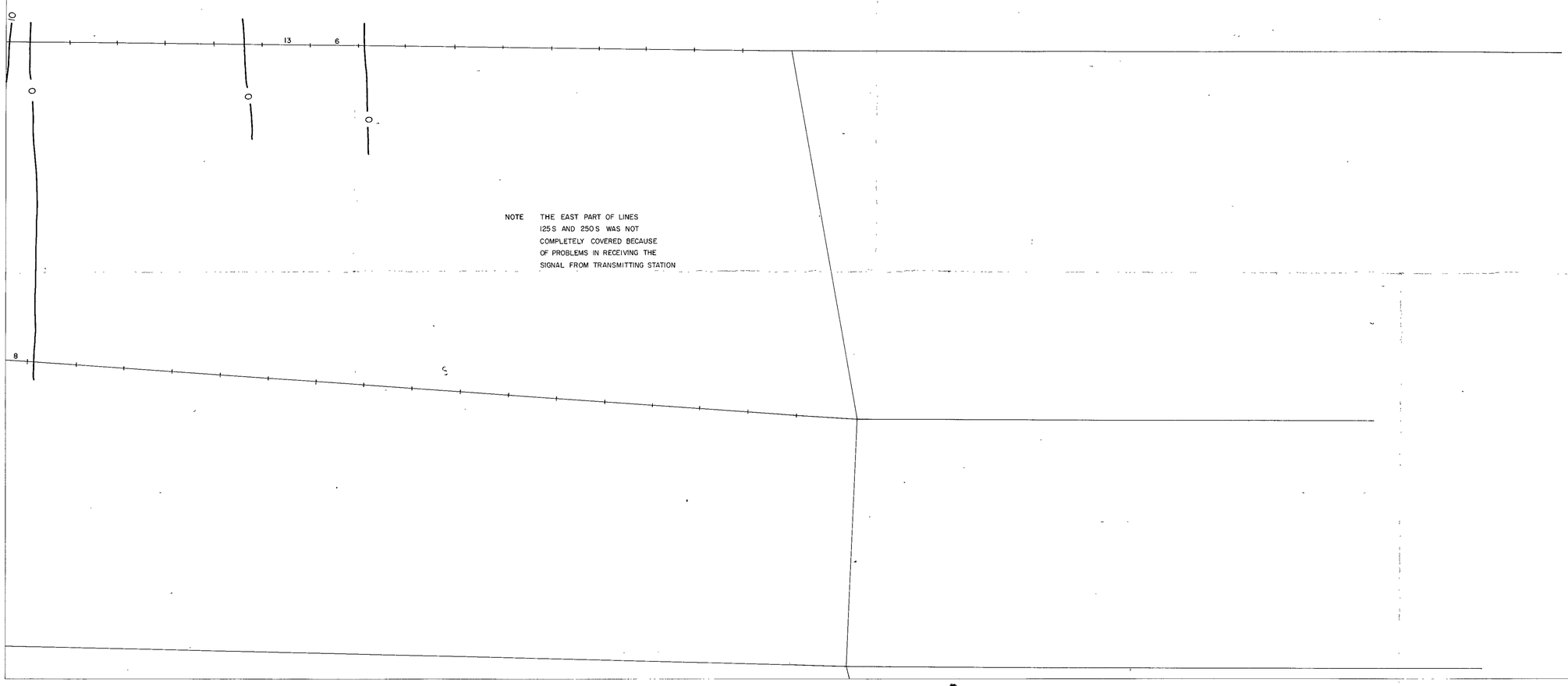
MT. DUNDAS GRID 2405

VLF-EM. FIRST DERIVATIVE CONTOURS

PROJECT	7/68	AUTHOR	L Dracoli, W Turner	DATE	MARCH '73	DWG NO	1/358

SHEET 1 OF 4

74-996 Box 2



613454

5 cm

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5 First' derivative value

Scale 1 1,000

100 0 100 200 Feet

50 0 50 100 150 200 Metres

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SYDNEY AUSTRALIA

TN

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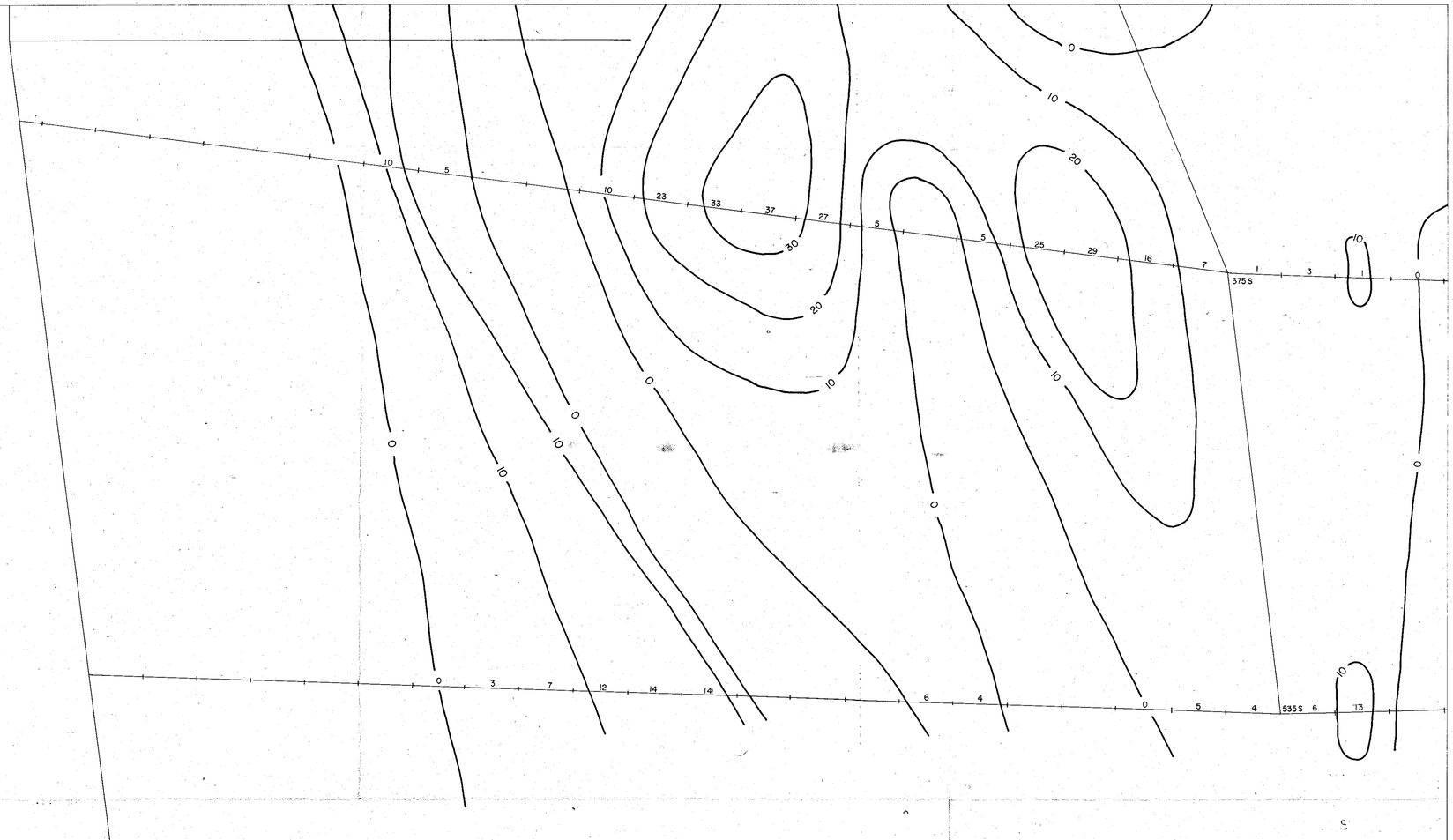
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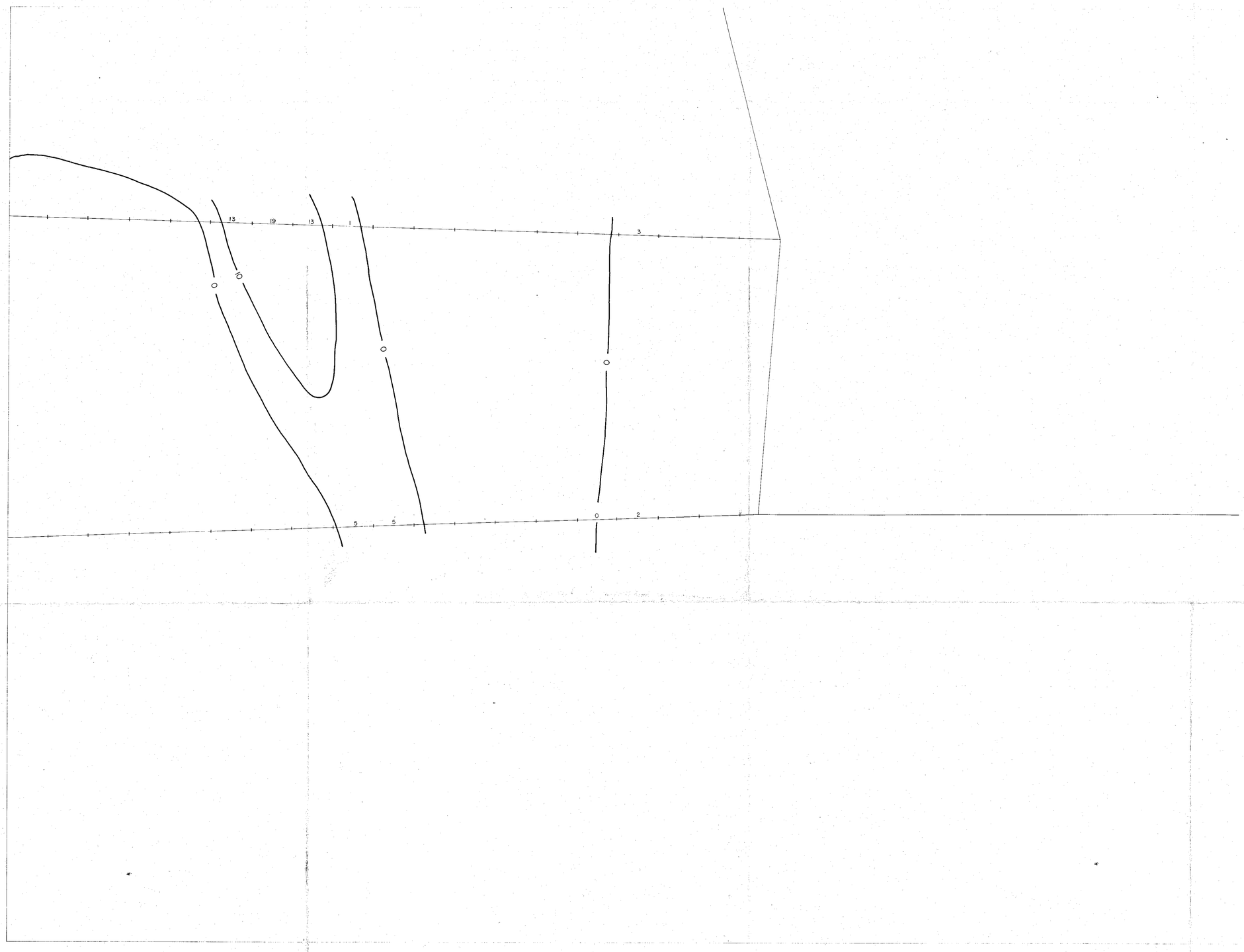
MT DUNDAS GRID 2406

V.L.F-E.M. FIRST DERIVATIVE CONTOURS

PROJECT	7/68	AUTHOR	L Discala, W Turner	DATE	MARCH '73	DWG No.	1/358

74-996 Box 2


0
10
20
10
20
30
20
10
10
0
0
0
10
10
0
0
10
10
0
10
10
0
10
10



5 cm

613456

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1	2
3	4

5 — First derivative value

Scale: 1 : 1,000

100 0 100 200 Feet

50 0 50 100 150 200 Metres

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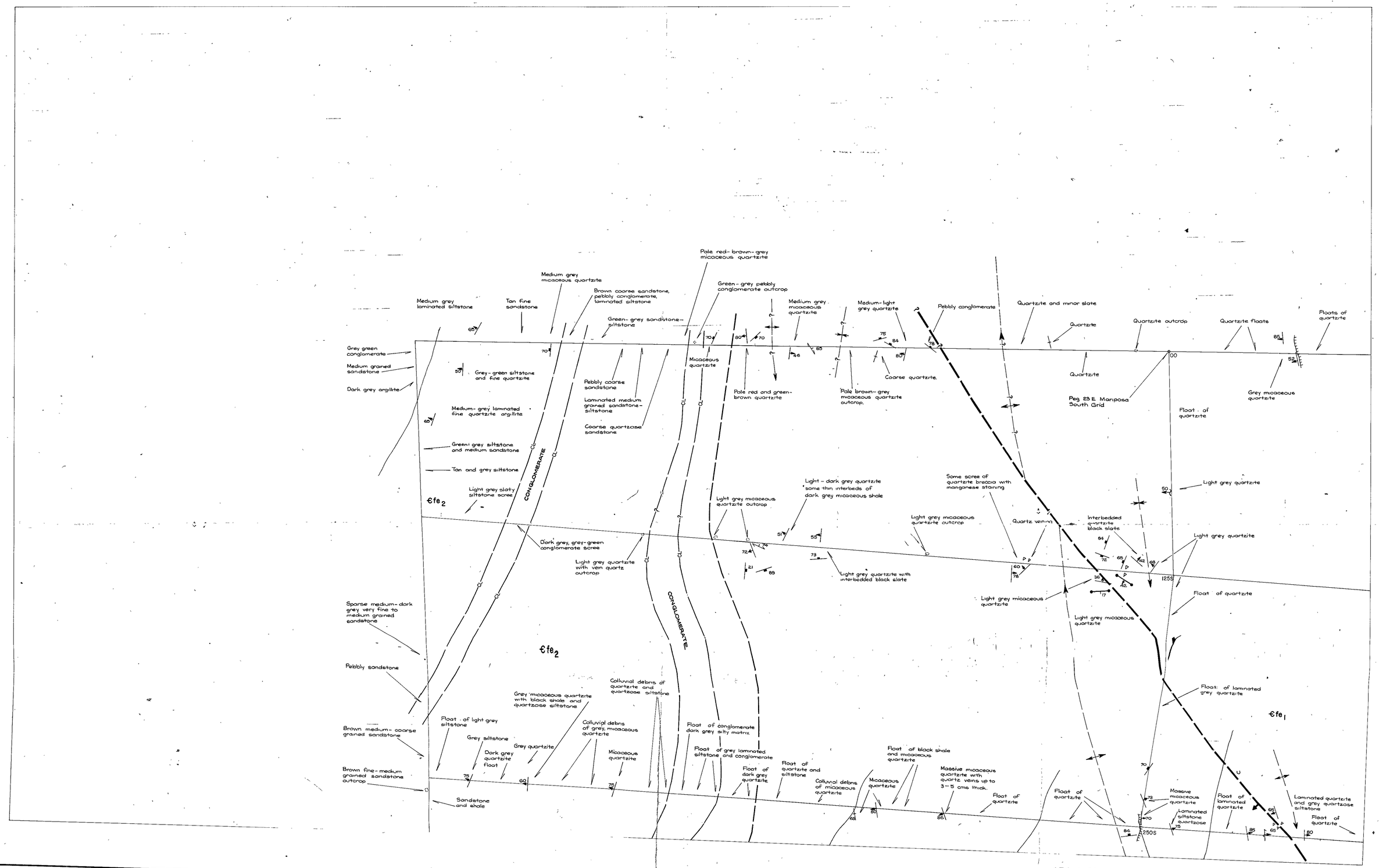
MT. DUNDAS GRID 2408

V.L.F.-E.M. FIRST DERIVATIVE CONTOURS

PROJECT	7/68	AUTHOR	L. Discoto, W. Turner	DATE	MARCH '73	DWG. N.	1/358

SHEET 4 OF 4

74-996 Box2.



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QUATERNARY — MORAINE — Qpm

CAMBRIAN — COMET FORMATION — €co

CAMBRIAN — FERNFIELDS FORMATION — €fe
- €fe$_2$ — Quartzite, siltstone, shale conglomerate
- €fe$_1$ — Quartzite and quartzose sandstone

LEGEND

- 65 — Bedding attitude, inclined
- — Bedding attitude, vertical
- 70 — General dip of beds having subordinate folds.
- 75 — Cleavage, inclined
- — Cleavage, vertical
- 75 — Joint, inclined
- — Joint, vertical
- 80 — Shearing, inclined
- 70 — Plunge of small anticlinal fold
- 65 — Plunge of small synclinal fold
- — Plunge of drag fold
- — Dyke or vein
- — Brecciation
- — Outcrop, poor exposure bedding cannot be determined
- — Fault scarp
- U — Fault, normal
- ? — Fault, dashed where indefinite, questioned where inferred.
- ? — Contact, dashed where indefinite, questioned where inferred
- — Anticline, arrow denotes plunge, dashed where indefinite, questioned where inferred
- — Syncline, arrow denotes plunge, dashed where indefinite, questioned where inferred
- CL — Change of lithology

Scale 1:1,000

100 0 100 200 Feet

50 0 50 100 150 200 Metres

74-996 Box 2 613457

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E.L. 7/68 DUNDAS DISTRICT, TASMANIA
MT. DUNDAS GRID
GEOLOGY 2409

PROJECT	7/68	AUTHOR	L Dascalo W Turner	DATE	MARCH '73	DWG No	1/355

SHEET 1 OF 4

Grey, micaceous quartzite
Chert
Quartz veins along joints
Massive quartzite outcrop
Many large dolerite boulders
Slaty laminated siltstone
Microdolerite
Conglomerate outcrop
Dolerite scree
Qpm
Grey micaceous quartzite
Laminated quartzose siltstone
Dark grey shale
Boulders of quartzite
Dark grey shale
Grey quartzite
Scree of grey, greenish siltstone and grey micaceous quartzite
Grey quartzite
Black slate
Grey laminated quartzite
Grey, grey-green siltstone - sandstone outcrop
Well laminated siltstone scree
Well laminated siltstone
Well laminated light-medium grey siltstone
Qpm
Scree of grey quartzite and greenish grey siltstone
Black shale
Laminated siltstone
Black slate
Boulders of tillite
Boulders of grey quartzite
Black slate
Black slate mild contortion
ϵfe_2
Boulders of tillite and quartzite
Grey quartzite
Light grey quartzite outcrop
Quartzite
Scree
Grey quartzite some black slate some slaty siltstone
Medium-dark grey slate scree
Dark grey-black slate scree
Light grey quartzite
Chert outcrop
Slaty, well laminated siltstones
Dark grey slaty siltstone outcrop
Dark grey quartzite
Dark grey slaty siltstone
Dark grey slaty siltstone also dolerite scree
Tan quartzite outcrop
Chert outcrop
Light-dark grey chert
Grey chert outcrops
Interbedded grey quartzite, grey slate
Well laminated medium-dark grey siltstone
Chert scree
Light-dark grey siltstone gently waving deformation
Tan-grey quartzite
Siltstone
Quartzite
Some dextral drag folding
Intense quartz veining
Well laminated grey siltstone
Contortion - dark grey-black quartzite and slaty siltstone.
Well laminated slaty siltstone
Siltstone
Slaty siltstone
Well laminated siltstones.
Well laminated quartzite
Float of greenish grey siltstone and dark grey shale
Laminated quartzose dark grey siltstone
Float of dark grey shale
Dark grey quartzose siltstone
Tan quartzite
Tan quartzite
Scree
Scree well laminated siltstones
Dark grey siltstone
Light grey siltstone
Float of quartzose siltstone with scattered crystals of pyrite
Scree of laminated grey siltstone
Laminated grey siltstone
Dark grey slaty siltstone
Grey laminated quartzite
Laminated quartzite and dark grey-black slate
Grey quartzite
Laminated siltstones

5 cm

613158.74-996 Box7

LEGEND

- 65 Bedding attitude, inclined
- Bedding attitude, vertical
- 70 General dip of beds having subordinate folds.
- 75 Cleavage, inclined
- Cleavage, vertical
- 75 Joint, inclined
- Joint, vertical
- 80 Shearing, inclined
- 70 Plunge of small anticlinal fold
- 65 Plunge of small synclinal fold
- Plunge of drag fold
- Dyke or vein
- Brecciation
- Outcrop, poor exposure bedding cannot be determined
- Fault scarp
- U Fault, normal
- ? Fault, dashed where indefinite, questioned where inferred
- ? Contact, dashed where indefinite, questioned where inferred
- Anticline, arrow denotes plunge, dashed where indefinite, questioned where inferred
- Syncline, arrow denotes plunge, dashed where indefinite, questioned where inferred.
- CL Change of lithology

QUATERNARY — MORAINE — Qpm

CAMBRIAN — COMET FORMATION — €co

CAMBRIAN — FERNFIELDS FORMATION — €fe

- ϵfe_2 Quartzite, siltstone, shale conglomerate.
- ϵfe_1 Quartzite and quartzose sandstone

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Scale 1 1,000

100 0 100 200 Feet

50 0 50 100 150 200 Metres

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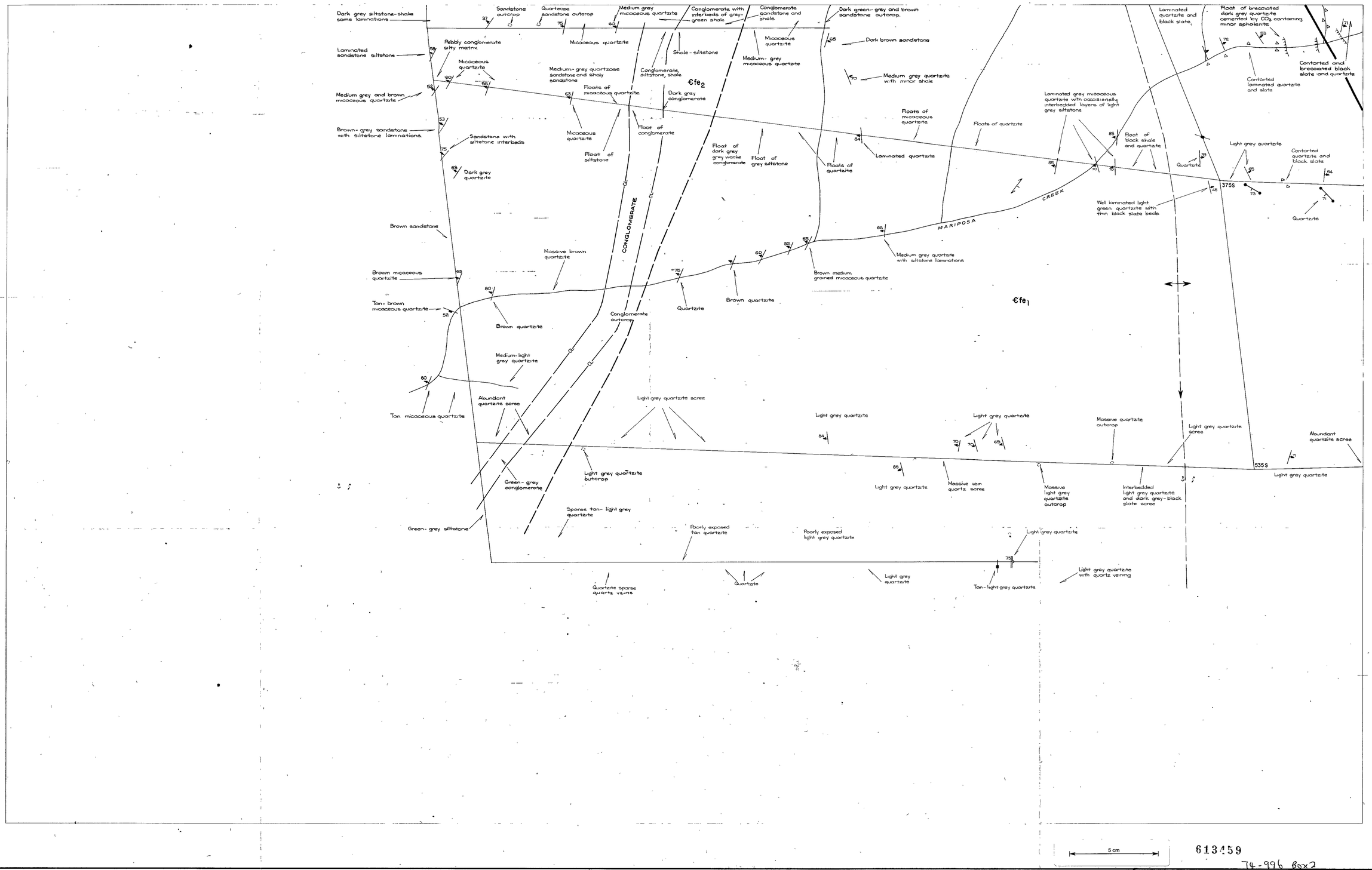
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E.L. 7/68 DUNDAS DISTRICT, TASMANIA
MT DUNDAS GRID
GEOLOGY 2410

PROJECT	7/68	AUTHOR	L Dacosta W Turner	DATE	MARCH '73	DWG. NO.	1/355

SHEET 2 OF 4



5 cm

613459

74-996 Box 2

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QUATERNARY — MORAINE — Qpm

CAMBRIAN — COMET FORMATION — €co

CAMBRIAN — FERNFIELDS FORMATION — €fe

- €fe2 — Quartzite, siltstone, shale conglomerate
- €fe1 — Quartzite and quartose sandstone

LEGEND

- 65 — Bedding attitude, inclined
- — Bedding attitude, vertical
- 70 — General dip of beds having subordinate folds.
- 75 — Cleavage, inclined
- — Cleavage, vertical
- 75 — Joint, inclined
- — Joint, vertical
- 80 — Shearing, inclined
- 70 — Plunge of small anticlinal fold
- 65 — Plunge of small synclinal fold
- — Plunge of drag fold
- — Dyke or vein
- — Brecciation
- O — Outcrop, poor exposure, bedding cannot be determined
- — Fault scarp
- U — Fault, normal
- ? — Fault, dashed where indefinite, questioned where inferred
- ? — Contact, dashed where indefinite, questioned where inferred
- — Anticline, arrow denotes plunge, dashed where indefinite, questioned where inferred
- — Syncline, arrow denotes plunge, dashed where indefinite, questioned where inferred
- CL — Change of lithology

Scale 1:1,000

100 0 100 200 Feet

50 0 50 100 150 200 Metres

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TEXINS DEVELOPMENT PTY LTD.

E.L. 7/68 DUNDAS DISTRICT, TASMANIA

MT. DUNDAS GRID

GEOLOGY 2411

PROJECT	7/68	AUTHOR	L Discala W Turner	DATE	MARCH '73	DWG NO	1/355

SHEET 3 OF 4

Well laminated quartzite and black slate
Well bedded quartzite
Numerous dextral drag folds
Intense contortion
Well laminated quartzite with minor slate
Quartzite and black slate
Slaty siltstone
Laminated siltstone mild contortion
Well laminated grey siltstone
Chert
Contorted dark grey-black slaty siltstone scree
Well laminated slaty siltstone
Well laminated quartzite and dark grey-black slate
Medium-dark grey chert scree
Siltstone scree
Well laminated medium-dark grey siltstone
Scree-chert
Slaty medium-dark grey siltstone
Grey slaty siltstone
Abundant scree well laminated medium-dark grey siltstone
Light-dark grey chert
Scree laminated siltstone
Medium-gray chert outcrop
Siltstone
Medium grey-grey-green slaty siltstone
Medium-dark grey laminated siltstone
Well-laminated light-dark grey siltstone
Dolerite float
Grey-tan quartzite scree
Light grey massive quartzite scree
Medium-grey slate and quartzite some slaty siltstone scree
Light tan quartzite outcrop
Thick soil cover
Medium-dark grey siltstone
Khaki-grey slaty siltstone outcrop
Grey, grey green greywacke
Massive light grey quartzite
Laminated dark grey slate and quartzite
€co
€fe2
€fe1

5 cm

613460
74-996 Box2

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QUATERNARY	MORAINE	Qpm		
CAMBRIAN	COMET FORMATION	€co		
	FERNFIELDS FORMATION	€fe	€fe2	Quartzite, siltstone, shale conglomerate
			€fe1	Quartzite and quartzose sandstone

LEGEND

- Bedding attitude, inclined
- Bedding attitude, vertical
- General dip of beds having subordinate folds
- Cleavage, inclined
- Cleavage, inclined
- Joint, inclined
- Joint, vertical
- Shearing, inclined
- Plunge of small anticlinal fold
- Plunge of small synclinal fold
- Plunge of drag fold
- Dyke or vein
- Brecciation
- Outcrop, poor exposure bedding cannot be determined
- Fault scarp
- Fault, normal
- Fault, dashed where indefinite, questioned where inferred
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- Syncline, arrow denotes plunge, dashed where indefinite, questioned where inferred
- Change of lithology

Scale 1:1,000

100 0 100 200 Feet

50 0 50 100 150 200 Metres

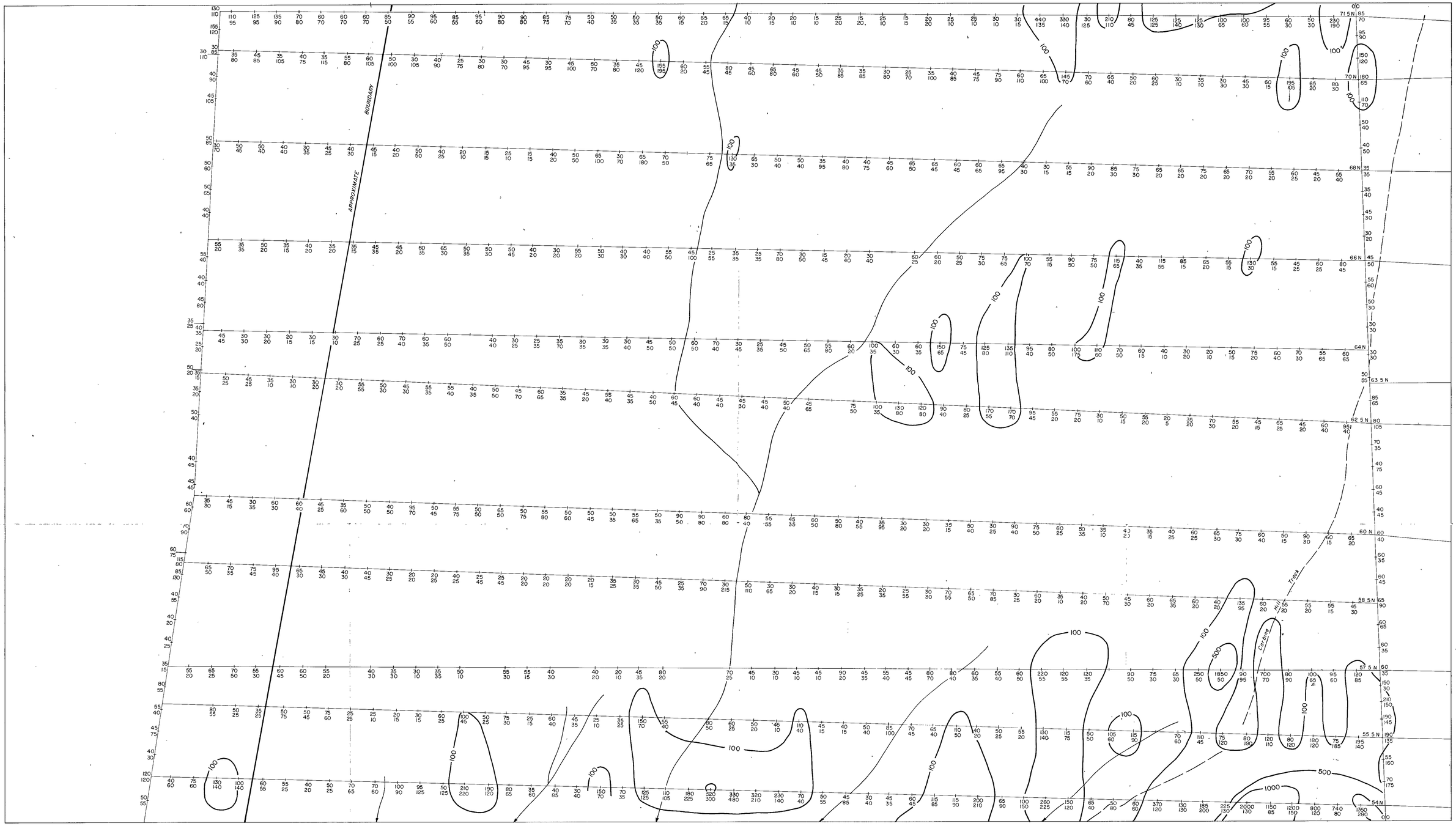
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MT. DUNDAS GRID
GEOLOGY
2412

PROJECT	7/68	AUTHOR	L Discala, W Turner	DATE	MARCH '73	DWG NO.	1/355



5 cm

74-996 Box 2

613461

SHEET INDEX

2

LEGEND

Soil sample location

20 Lead value (ppm)

10 Zinc value (ppm)

Scale 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

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TEXINS DEVELOPMENT PTY LTD
E.L. 7/68 DUNDAS DISTRICT, TASMANIA
CARBINE WEST 2413
RAW DATA GEOCHEMISTRY
LEAD VALUE CONTOURS

PROJECT	E.L. 7/68	AUTHOR		DATE	April 1973	DWG Nº	1/357

SHEET 1 OF 2 SHEETS



5 cm

613462

74-996 Box 3

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SERVICES GROUP
GEOPHOTO RESOURCES CONSULTANTS
BRISBANE AUSTRALIA

SHEET INDEX

1
2

LEGEND

Soil sample location
20 Lead value (ppm)
10 Zinc value (ppm)

Scale 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

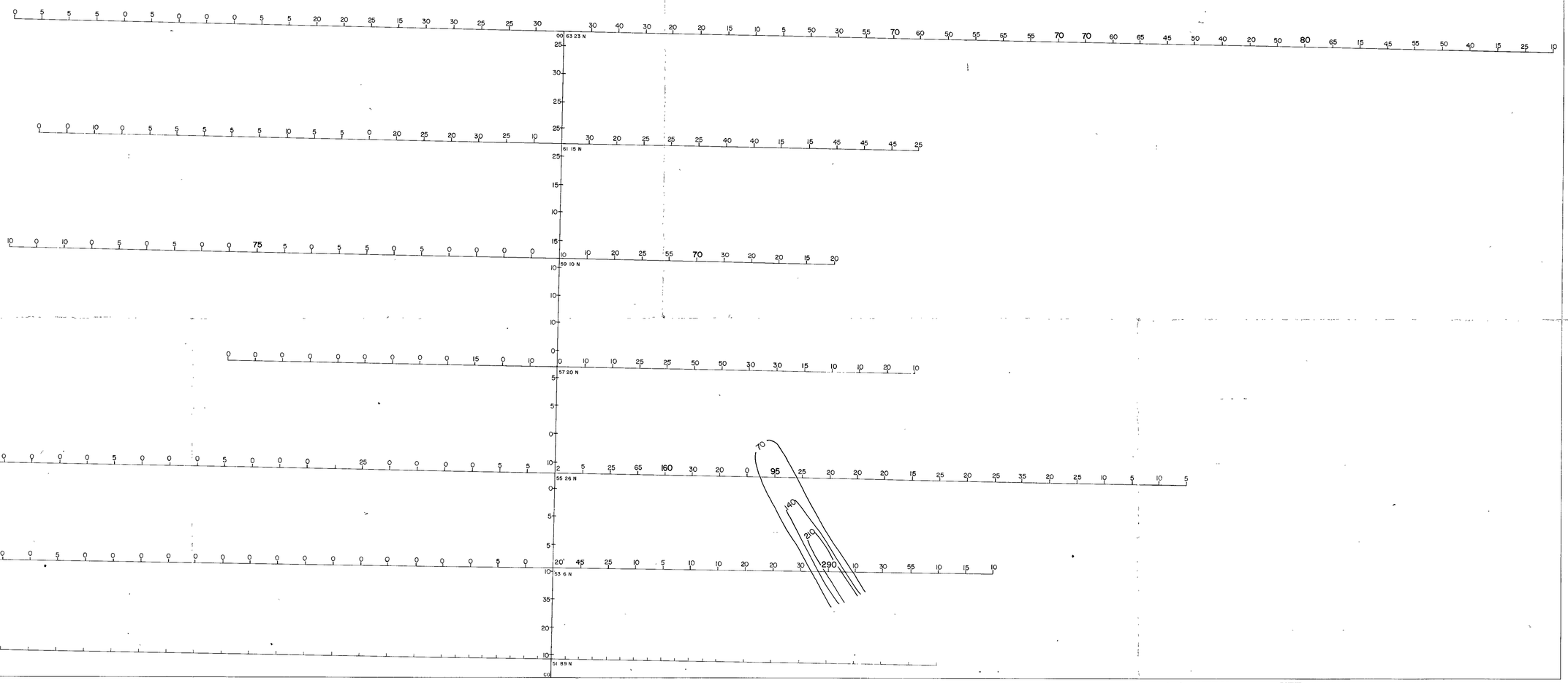
50 0 50 100 Metres

TN

TEXINS DEVELOPMENT PTY LTD
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CARBINE WEST 2414
RAW DATA GEOCHEMISTRY
LEAD VALUE CONTOURS

PROJECT	E.L. 7/68	AUTHOR		DATE	April 1973	DWG No	1/357

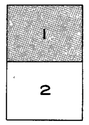
SHEET 2 OF 2 SHEETS



5 cm

74-996 Vol 3 613463

SHEET INDEX



LEGEND

75 Copper values ppm

215 Above threshold value

LEPELTIER SYSTEM	
Cu	N = 393
	b = 17 ppm
	t = 70 ppm

Scale 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

SYDNEY, AUSTRALIA

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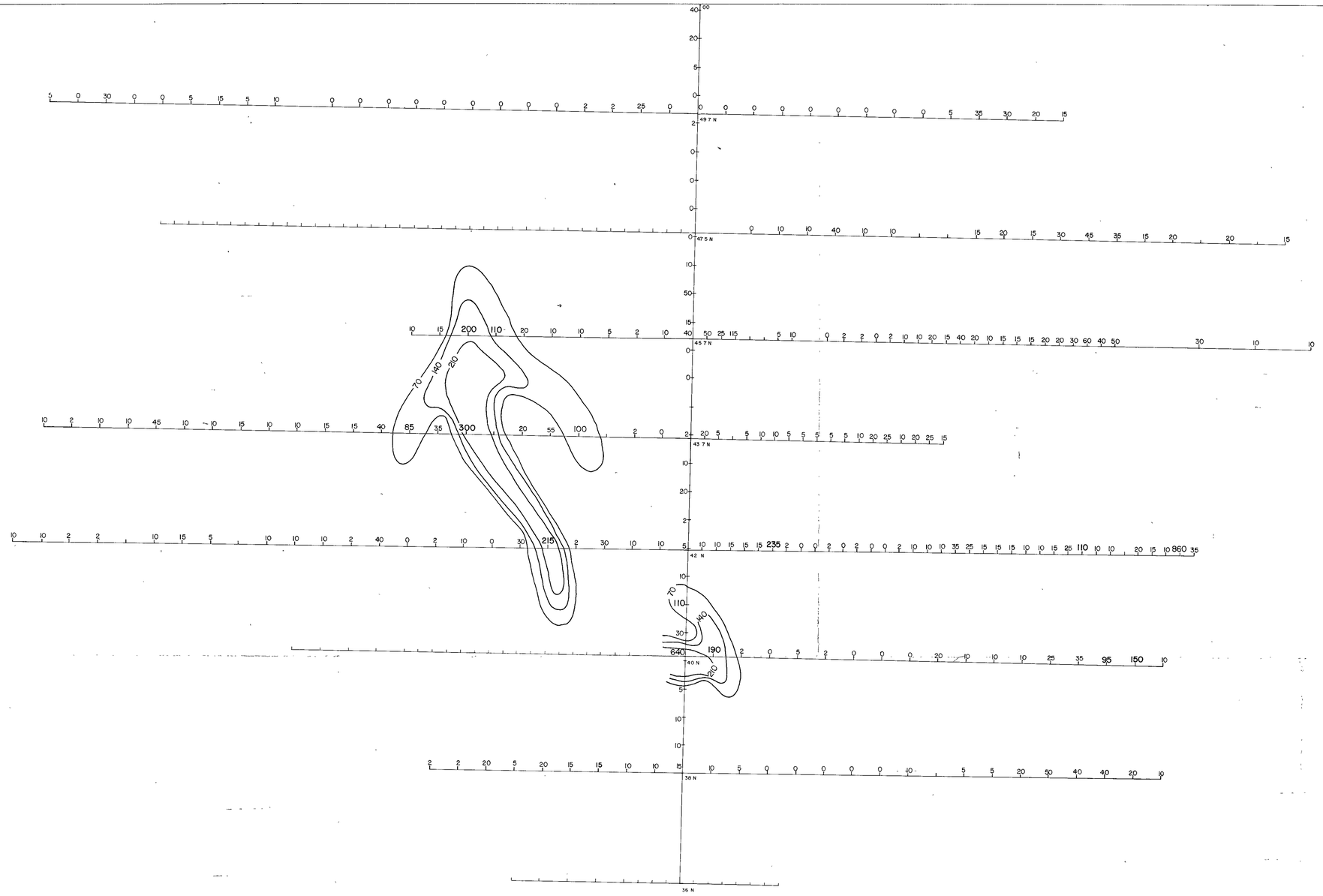
E.L. 7/68 DUNDAS DISTRICT, TASMANIA.

MONTEZUMA NORTH GRID

SOIL GEOCHEMISTRY 2415

COPPER VALUES PPM

PROJECT	7/68	AUTHOR	A C Johnston	DATE	June 1973	DWG Nº	B-366



5 cm

74-996 Vol. 3 613464

SHEET INDEX



LEGEND

75 Copper values ppm

215 Above threshold value

LEPELTIER SYSTEM	
Cu	N = 393
	b = 17 ppm
	t = 70 ppm

Scale 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

SYDNEY, AUSTRALIA

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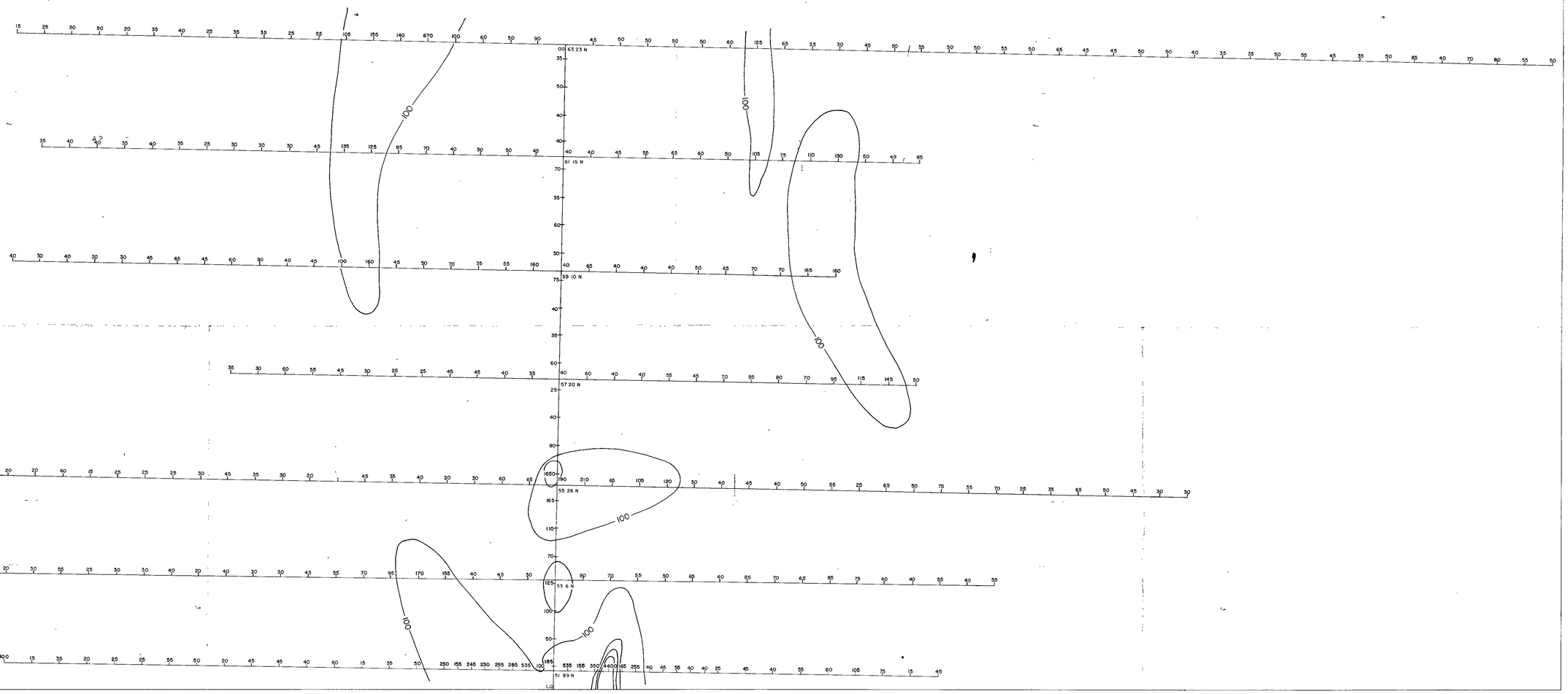
E.L.7/68 DUNDAS DISTRICT, TASMANIA

MONTEZUMA NORTH GRID

SOIL GEOCHEMISTRY

COPPER VALUES PPM 2416

PROJECT	7/68	AUTHOR	A.C. Johnston	DATE	June 1973	DWG Nº	B - 366



5 cm

74-996 Vol 3 613465

SHEET INDEX

1
2

LEGEND

75 Lead values ppm

1800 Above threshold value

CONTOUR INTERVALS

100ppm
1000ppm
2000ppm
3000ppm
5000ppm

LEPELTIER SYSTEM

Pb { N = 514
b = 66 ppm
t = 100 ppm

Scale 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

SYDNEY, AUSTRALIA

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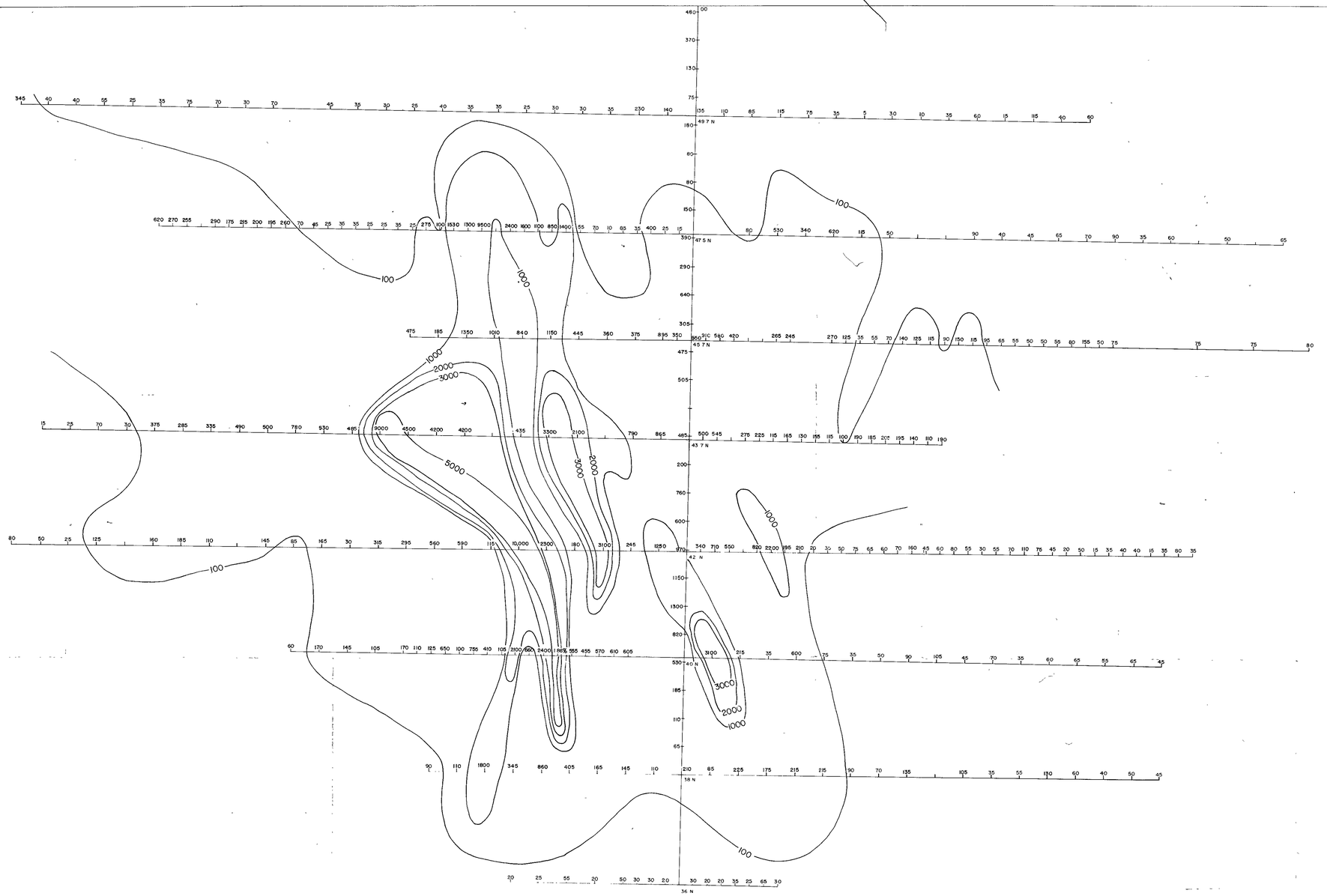
MONTEZUMA NORTH GRID

SOIL GEOCHEMISTRY

LEAD VALUES PPM

2417

PROJECT	7/68	AUTHOR	A C Johnston	DATE	June 1973	DWG No	B - 367



5 cm

74-996 Vol 3 613466

SHEET INDEX

1
2

LEGEND

75 Lead values ppm
1800 Above threshold value

CONTOUR INTERVALS

100ppm
1000ppm
2000ppm
3000ppm
5000 ppm

LEPELTIER SYSTEM

Pb { N = 514
b = 66 ppm
t = 100 ppm

Scale 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

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TEXINS DEVELOPMENT PTY. LTD.

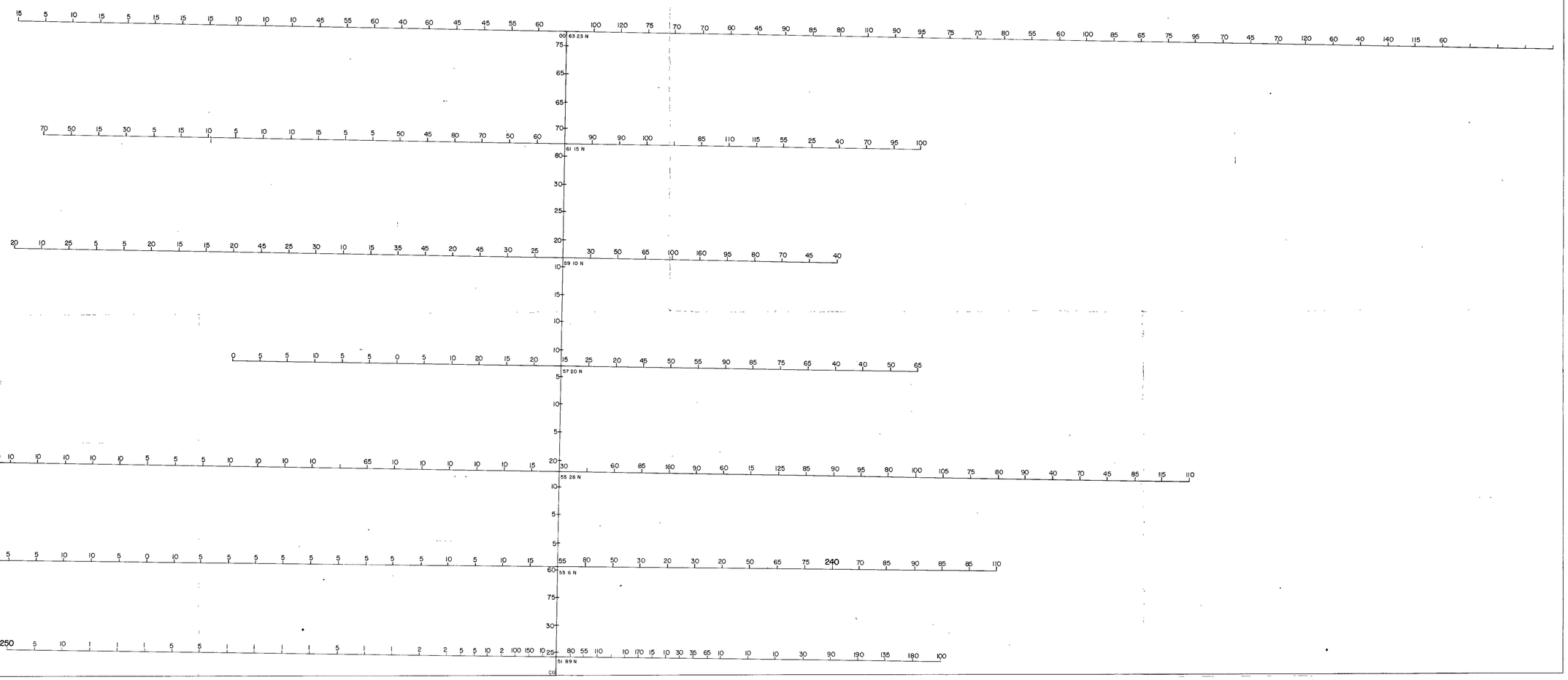
E.L.7/68 DUNDAS DISTRICT, TASMANIA

MONTEZUMA NORTH GRID

SOIL GEOCHEMISTRY

LEAD VALUES PPM 2418

PROJECT	7/68	AUTHOR	A.C.Johnston	DATE	June 1973	DWG N°	B - 367



5 cm

74-996 Vol 3 613467

SHEET INDEX



LEGEND

75 Zinc values ppm

250 Above threshold value

LEPELTIER SYSTEM	
Zn	N = 507
	b = 36 ppm
	t = 235ppm

Scale 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

SYDNEY, AUSTRALIA

TEXINS DEVELOPMENT PTY. LTD.

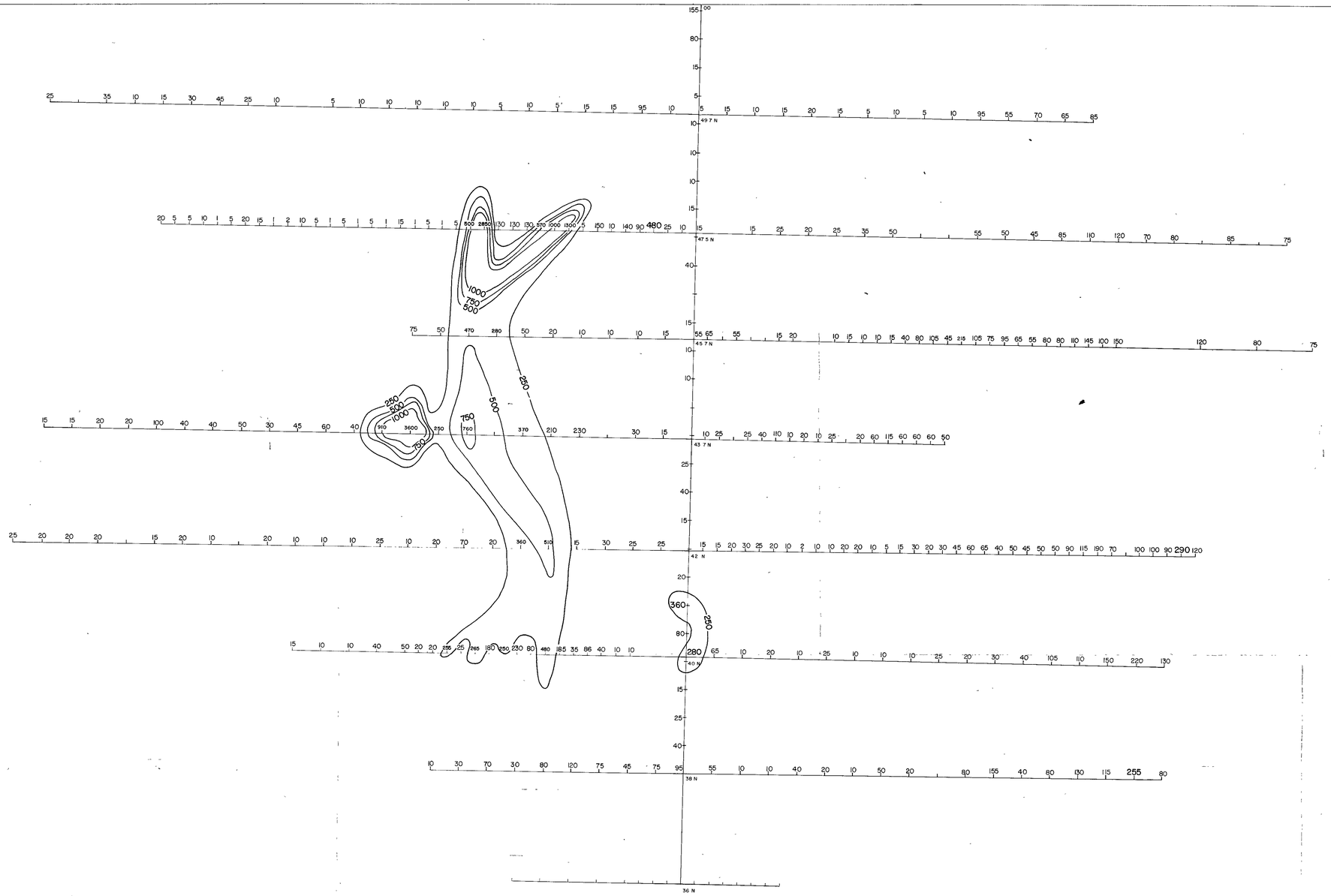
E.L. 7/68 DUNDAS DISTRICT, TASMANIA.

MONTEZUMA NORTH GRID

SOIL GEOCHEMISTRY

ZINC VALUES PPM 2419

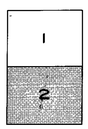
PROJECT	7/68	AUTHOR	A C Johnston	DATE	June 1973	DWG No	B-368



5 cm

74-996 Vol 3 613468

SHEET INDEX



LEGEND

75 Zinc values ppm

250 Above threshold value

LEPELTIER SYSTEM	
Zn	N = 507
	b = 36 ppm
	t = 235ppm

Scale 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

SYDNEY, AUSTRALIA

TEXINS DEVELOPMENT PTY LTD

E.L.7/68 DUNDAS DISTRICT, TASMANIA

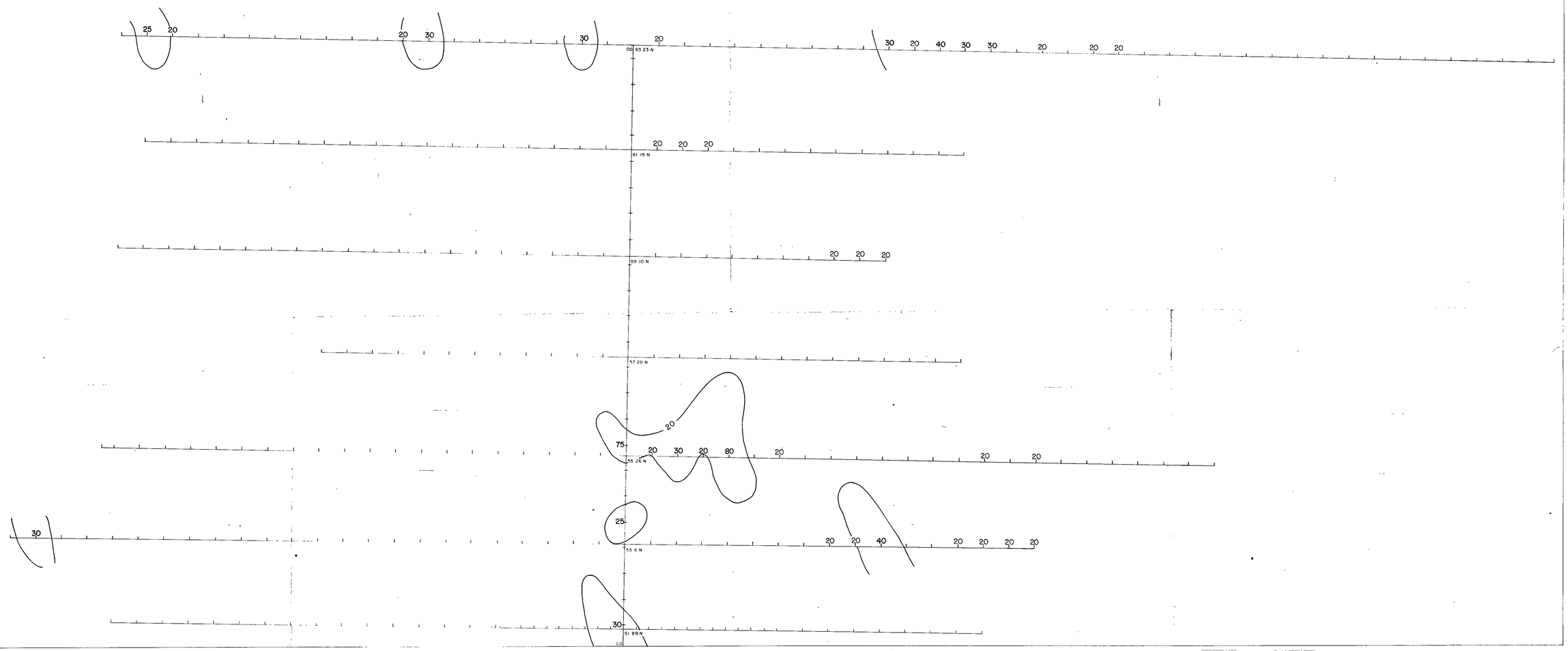
MONTEZUMA NORTH GRID

SOIL GEOCHEMISTRY

ZINC VALUES PPM 2420

PROJECT	7/68	AUTHOR	AC Johnston	DATE	June 1973	DWG. No.	B-368

Sheet 2 of 2



SHEET INDEX

1

2

Note Only above threshold values are plotted

LEPELTIER SYSTEM	
Sb	N = 507
	b = BLD (12→16 ppm)
	t = 20 ppm

Scale 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

613469

7H-996 Vol 3

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

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TEXINS DEVELOPMENT PTY. LTD.

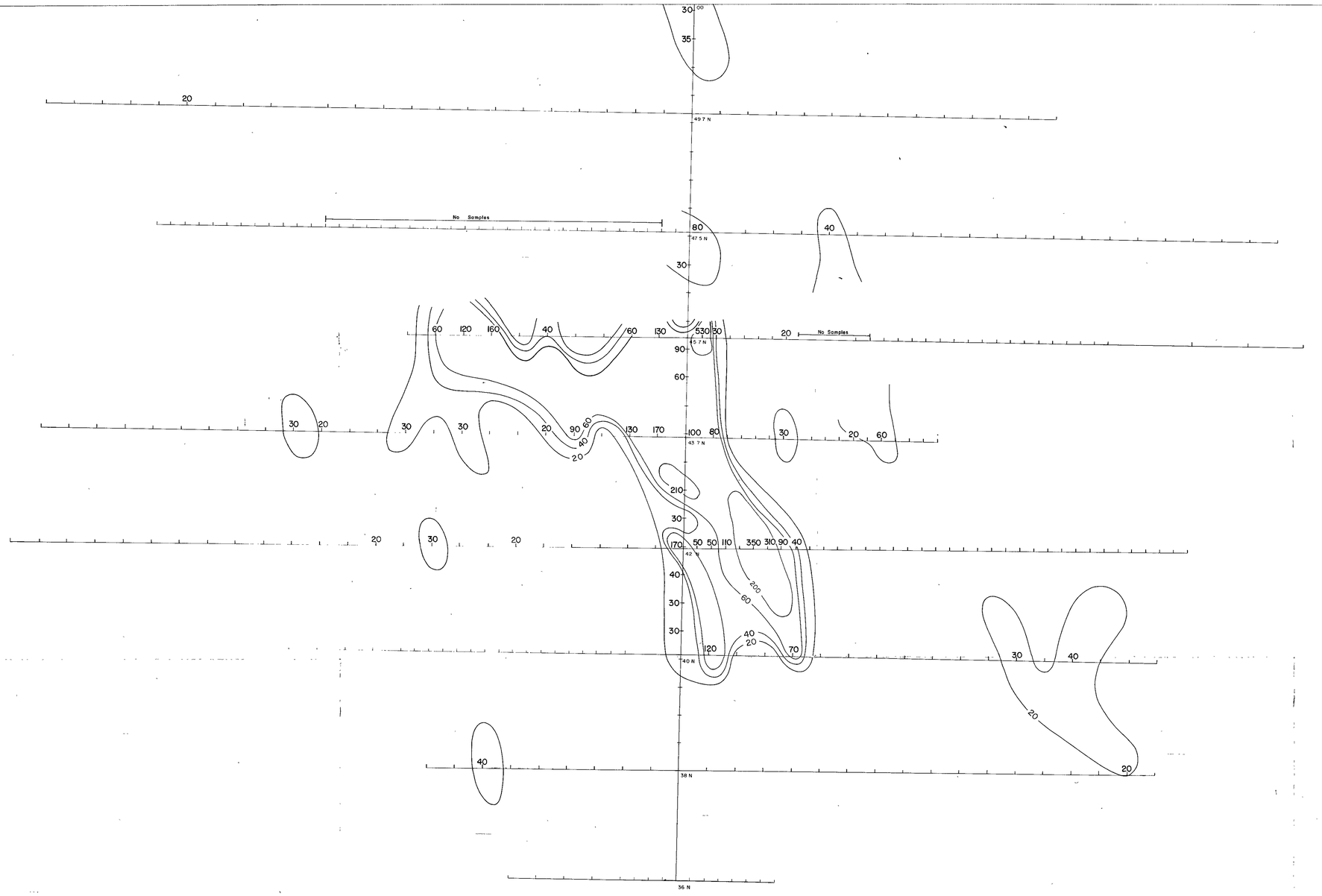
E.L. 7/68 DUNDAS DISTRICT, TASMANIA.

MONTEZUMA NORTH GRID

SOIL GEOCHEMISTRY 2421

ANTIMONY VALUES PPM

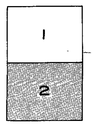
PROJECT	7/68	AUTHOR	A C Johnston	DATE	June 1973	DWG No	B - 369



5 cm

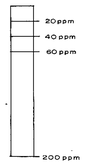
74-996 Vol 3 613170

SHEET INDEX



Note Only above threshold values are plotted

CONTOUR INTERVALS



LEPELTIER SYSTEM

Sb { N = 507
b = BLD (12→16 ppm)
t = 20 ppm

Scale 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

SYDNEY, AUSTRALIA

TEXINS DEVELOPMENT PTY. LTD.

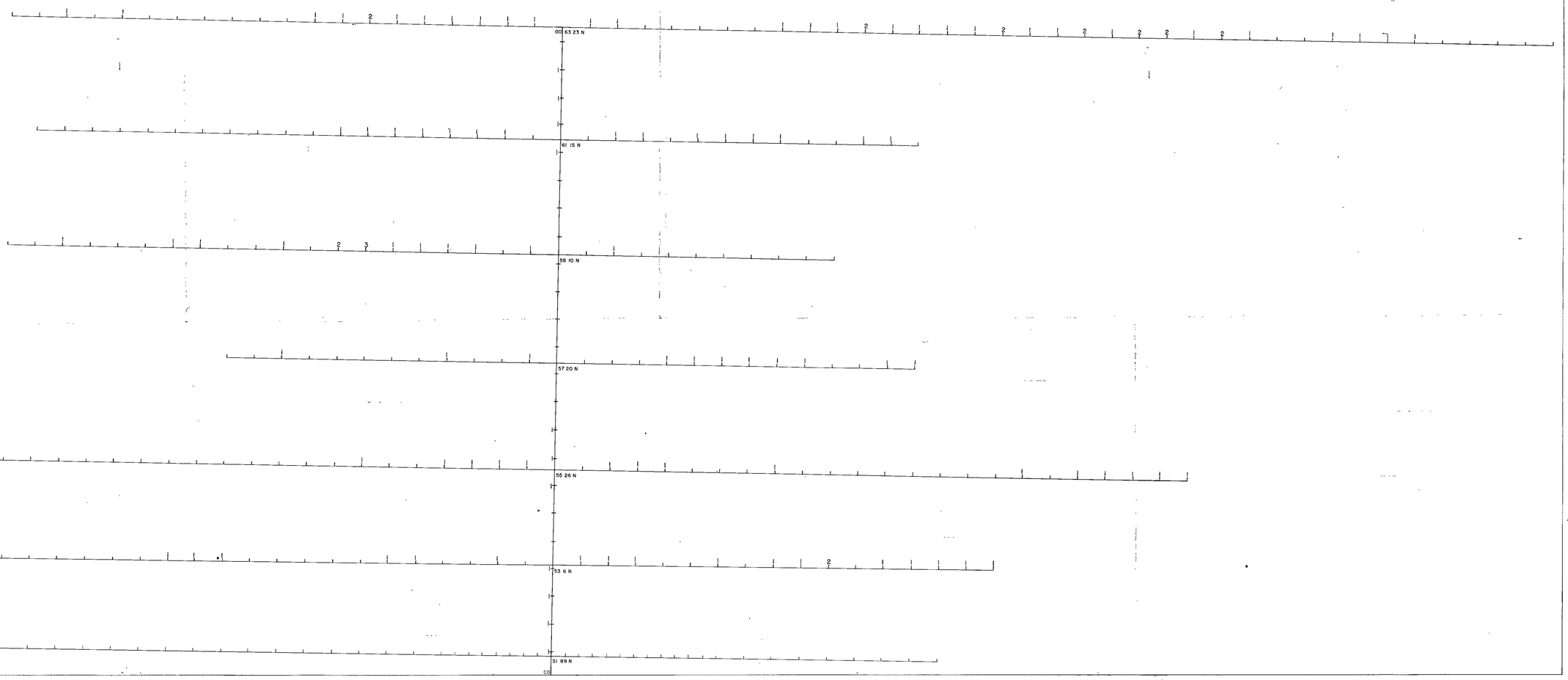
E.L. 7/68 DUNDAS DISTRICT, TASMANIA

MONTEZUMA NORTH GRID

SOIL GEOCHEMISTRY 2422

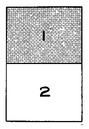
ANTIMONY VALUES PPM

PROJECT	7/68	AUTHOR	A.C. Johnston	DATE	June 1973	DWG N°	B - 369

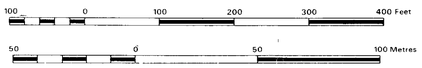


74-996 Vol 3 613471

SHEET INDEX



Scale 100 Feet to 1 Inch



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GEOPHOTO RESOURCES

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TEXINS DEVELOPMENT PTY. LTD.

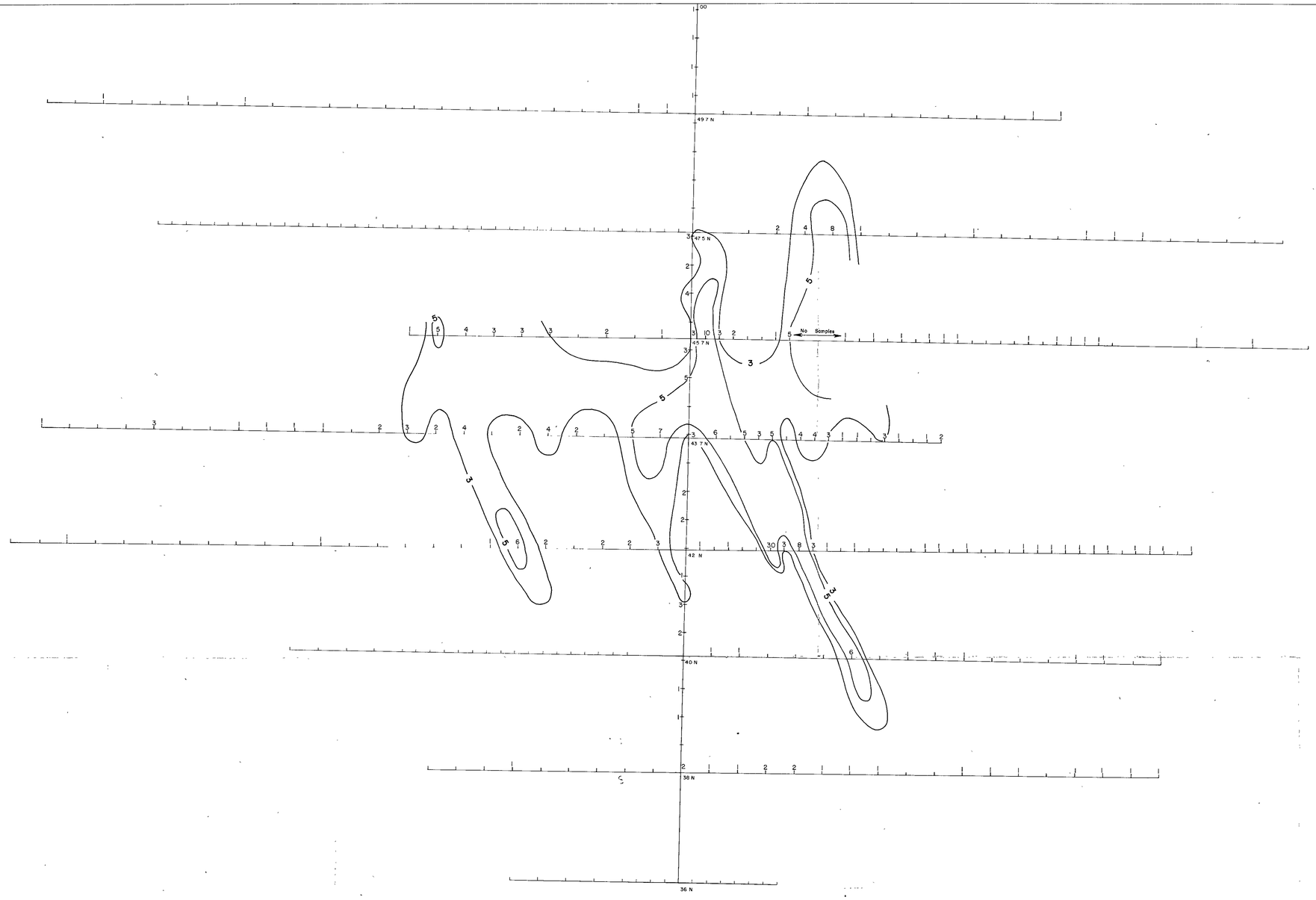
E.L. 7/68 DUNDAS DISTRICT, TASMANIA.

MONTEZUMA NORTH GRID

SOIL GEOCHEMISTRY

SILVER VALUES PPM 2423

PROJECT	7/68	AUTHOR	A C Johnston	DATE	June 1973	DWG Nº	B - 370

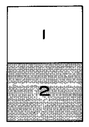


5 cm

613472

74-996 Vol 3

SHEET INDEX



Scale 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

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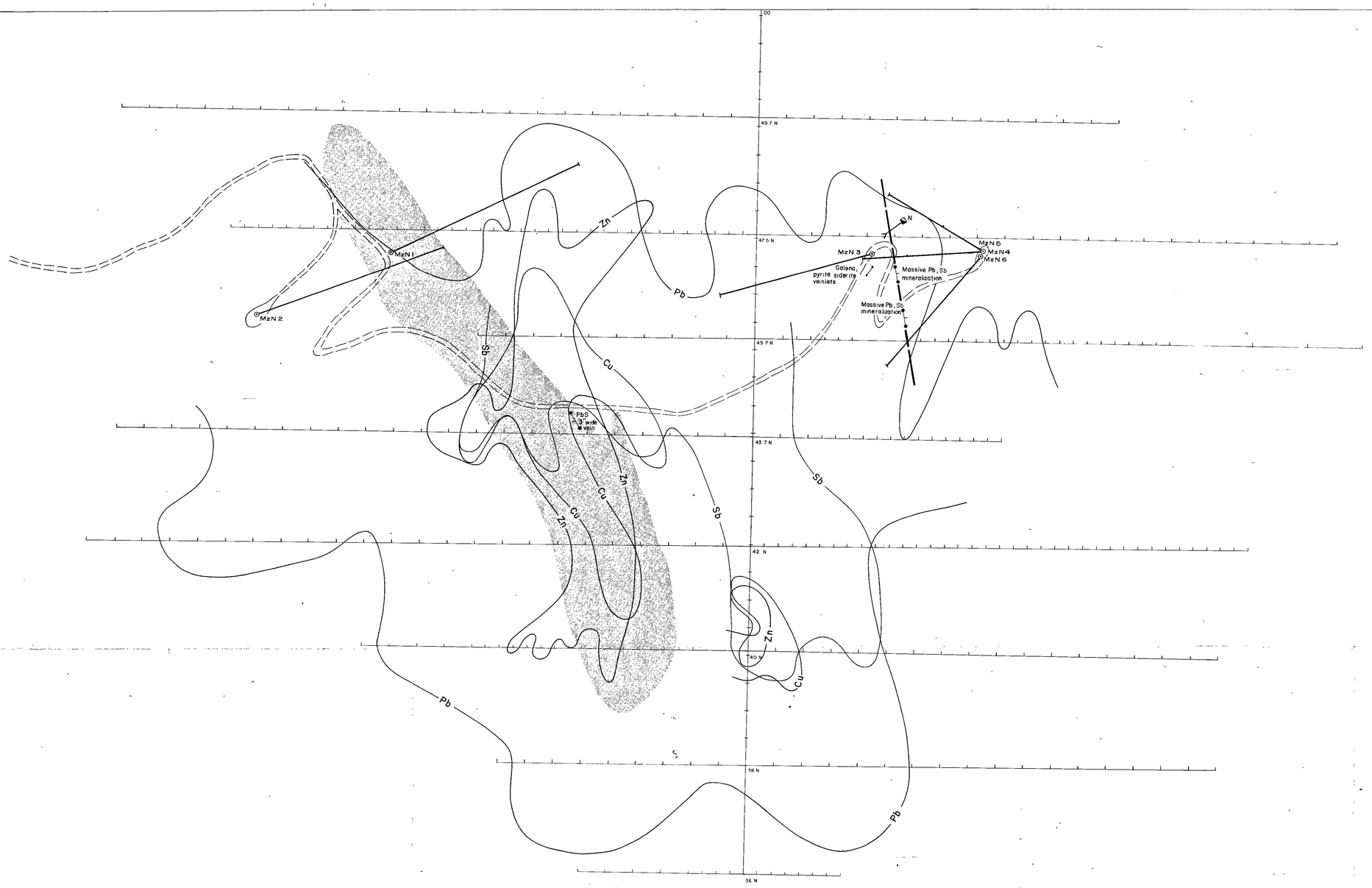
E.L.7/68 DUNDAS DISTRICT, TASMANIA

MONTEZUMA NORTH GRID

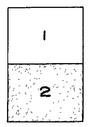
SOIL GEOCHEMISTRY 2424

SILVER VALUES PPM

PROJECT	7/68	AUTHOR	A.C.Johnston	DATE	June 1973	DWG Nº	B - 370



SHEET INDEX



LEGEND

Gossan zone

Vein

MzN2 — Diamond drill hole collar location and horizontal projection of hole

Adit

N. — Inaccessible shaft

Track

CONTOUR VALUES

Cu	70 ppm
Pb	100 ppm
Zn	250 ppm
Sb	20 ppm

Scale 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

613473

74-996 Vol 3

5 cm

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES

SYDNEY, AUSTRALIA

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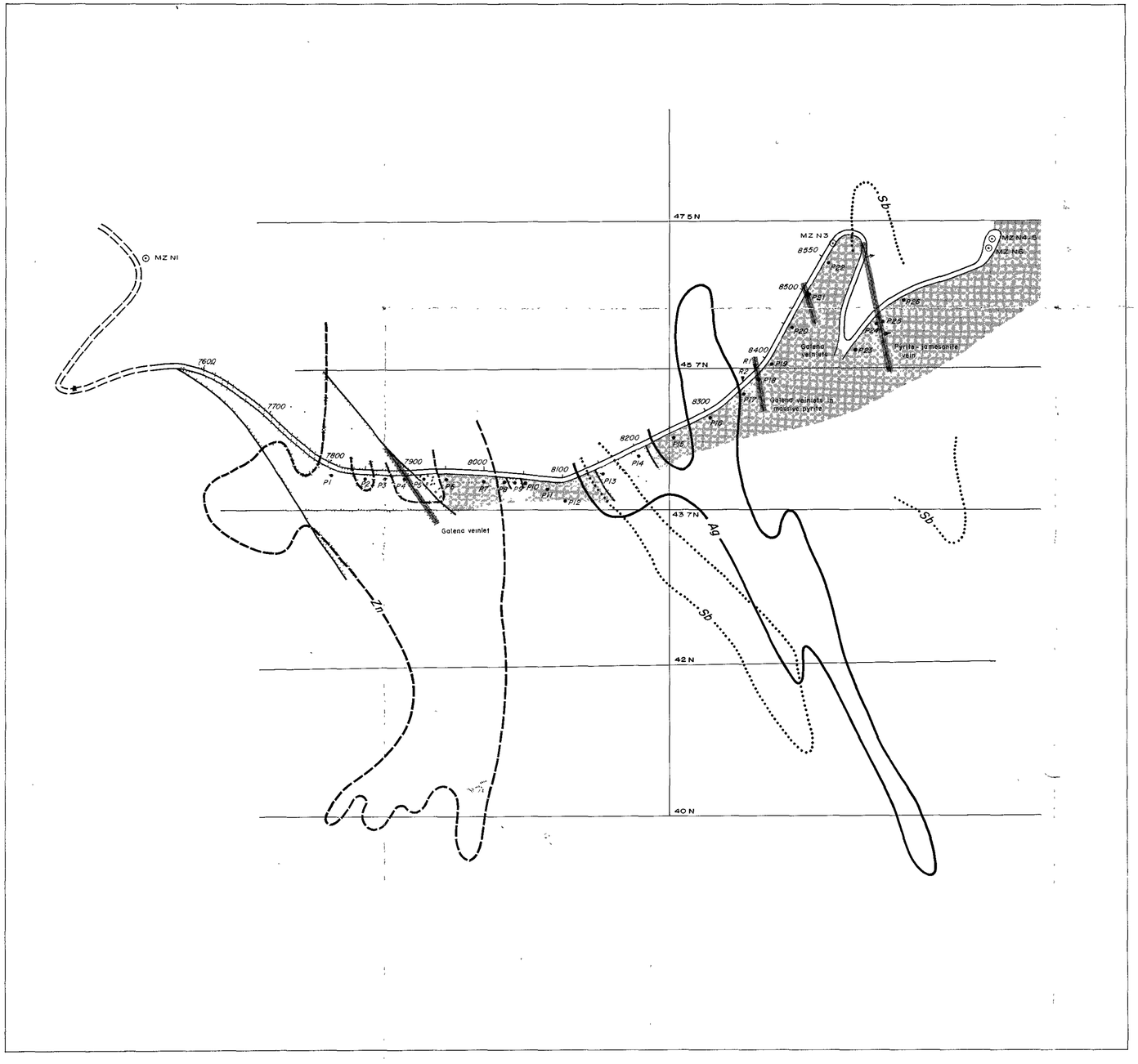
E.L.7/68 DUNDAS DISTRICT, TASMANIA

MONTEZUMA NORTH GRID

SOIL GEOCHEMISTRY 2425

ABOVE THRESHOLD CONTOURS

PROJECT	7/68	AUTHOR	A.C.Johnston	DATE	June 1973	DWG Nº	B - 371



LEGEND

- Quartzite and black slate
- Limonite gossan
- Conglomerate
- Mineralized vein
- Sb - 200p.p.m contour
- Ag - 5p.p.m contour
- Zn - 235p.p.m contour
- P17 Soil sample location
- R1 Rock sample location
- 7900 Taped reference point in feet
- Diamond drill hole location
- Montezuma grid

Assay results in Lab Sheet No 1498/1, 19th Nov, 1973

For details of soil geochemical survey refer to drawings B366 - B371

Scale: 100 Feet to 1 Inch

100 0 100 200 300 400 Feet

50 0 50 100 Metres

5 cm

613474

74-996 V013

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GEOPHOTO RESOURCES

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EL 7/68 DUNDAS DISTRICT, TASMANIA

CENTRAL DUNDAS AREA

Soil Sampling along the Montezuma North Road

2426

PROJECT	7/68	AUTHOR	L Discala	DATE	Feb, 1974	DWG No	B-381

Moores Pimple

Moores Pimple

Highly sheared dark grey siltstones/shales and minor interbedded sandstone

Track

45 70 60 77 45 65 53

GROUP 1

Northern Boundary E.L. 7/68 (Approx.)

Fault breccia

70 74 76 84 70 75 70 70 75 80 85

GROUP 3

GROUP 2

Siltstone black, pyritic

86 80 85 80 77

GROUP 4

Sheared pyritic black slate and carbonate veining

Minor quartz veining associated and sheared dark grey slates

Random quartz veining to 4" max. width

30 70 55 75 80 75 85 75 85 70 82 75 85 81 85 75 80 80 85 82 88 77 82 85 35 76

Barren quartz stringers and pods in hanging and footwall.

Random quartz veining (barren)

Quartz pods and stringers

80 84 82 73 75 75 75 75 70

Quartzite/quartzose sandstone.

83

Abundant quartz boulders

Log Track

40 70 45 38

White Spur Track

Creek

GROUP 1

85 85 82 75 80 75

Kink folded dark grey slates

Eastern Boundary E.L. 7/68 (Approx.)

To Zeehan — Queenstown Hwy

TRUE NORTH

LEGEND

(YOUNGEST - OLDEST)

GROUP 1	(a)	SILTSTONES	grey/dark grey occasionally laminated
	(b)	SANDSTONE	grey often micaceous and quartzose
	(c)	SHALE	dark grey, blocky and often pyritic
GROUP 2	(a)	VOLCANIC-TUFFITE ?	(Dominant Rock Type) pale grey/green grey, quartzose and often dolomitic; commonly carrying dark grey/black siliceous lithic inclusions - commonly randomly distributed throughout or occasionally lens-like and conforming to bedding.
	(b)	QUARTZITE	pale grey/grey, fine glassy to distinctly saccharoidal texture; often pyritic and commonly associated with quartzose sandstone and minor interbedded shales.
GROUP 3	(a)	SLATES	(Dominant Rock Type) grey/dark grey and occasionally black, distinctly laminated and finely banded; often pyritic.
	(b)	QUARTZITE	pale grey/grey, dominantly saccharoidal texture but occasionally exhibiting fine grained glassy texture, occasionally micaceous particularly along partings.
	(c)	SANDSTONE	commonly associated with the above quartzite; grey, fine grained quartzose and occasionally dolomitic.
	(d)	TUFFITE ?	green-grey/grey dolomitic — thinly interbedded with the slates as described above
	(e)	SILTSTONES	grey/dark grey, micaceous occasionally banded and quartzose. — thinly interbedded with the slates as described above
GROUP 4	(a)	QUARTZITE	white/pale grey, dominanty glassy texture, highly jointed - could possibly be considered with Group 3.

Bedding attitude inclined

Bedding attitude, vertical

Joint, inclined

Quartz veining

Fault, dashed where indefinite, questioned where inferred, arrows showing relative movement

Contact, dashed where indefinite, questioned where inferred.

Anticline, arrow denotes plunge, dashed where indefinite, questioned where inferred

Syncline, arrow denotes plunge, dashed where indefinite, questioned where inferred

5 cm

Scale 1: 10,000

1000 0 1000 2000 Feet

250 0 250 500 750 1000 Metres

613475

74-996 V013

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EL 7/68 DUNDAS DISTRICT, TASMANIA

NORTH EAST DUNDAS AREA RECONNAISSANCE GEOLOGY

2427

PROJECT	7/68	AUTHOR	A.C. Johnston	DATE	Feb, 1974	DWG Nº	1/356



LEGEND

W — Location pegged creek

W+4650 — Taped reference point (in feet)

5 cm

Scale: 1 10,000

1000 0 1000 2000 Feet

250 0 250 500 750 1000 Metres

74-996 Vol 3 613476

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EL 7/68 DUNDAS DISTRICT, TASMANIA

NORTH EAST DUNDAS AREA RECONNAISSANCE SURVEY

2428

PROJECT	7/68	AUTHOR	A C Johnston	DATE	Feb, 1974	DWG No	B 386

845,000y N
41°52' S
145°29'
354,000y E
145°30'
355,000y E
844,000y N
843,000y N
41°53' S
842,000y N

LEGEND

O W5+3950 Sample location number

Scale 1. 5,000

500 0 500 1000 Feet

250 0 250 500 750 1000 Metres

613477
74-996 Vol 3.

5 cm

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TN.

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E.L.7/68 DUNDAS DISTRICT, TASMANIA
NORTH EAST DUNDAS
STREAM SEDIMENT SAMPLING SURVEY
SAMPLE LOCATIONS 2429

PROJECT	7/68	AUTHOR	L Discala	DATE	April 1973	DWG Nº	1/360

845,000y N
41°52' S

145°29'

354,000y E

145°30'

355,000y E

844,000y N

843,000y N
41°53' S

842,000y N



LEGEND

●30	Anomalous metal content (ppm)	b = 8 ppm
O5	Metal content (ppm)	t = 25 ppm
NS	No sample	s = 0 27

Scale 1. 5,000

500 0 500 1000 Feet

250 0 250 500 750 1000 Metres

5 cm

613478

74-996 Vol3

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T.N.

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E.L.7/68 DUNDAS DISTRICT, TASMANIA

NORTH EAST DUNDAS

STREAM SEDIMENT SAMPLING SURVEY

COPPER VALUES 2430

PROJECT	7/68	AUTHOR	L Discala	DATE	April 1973	DWG Nº	1/361

845,000y N
41°52' S

145°29'

354,000y E

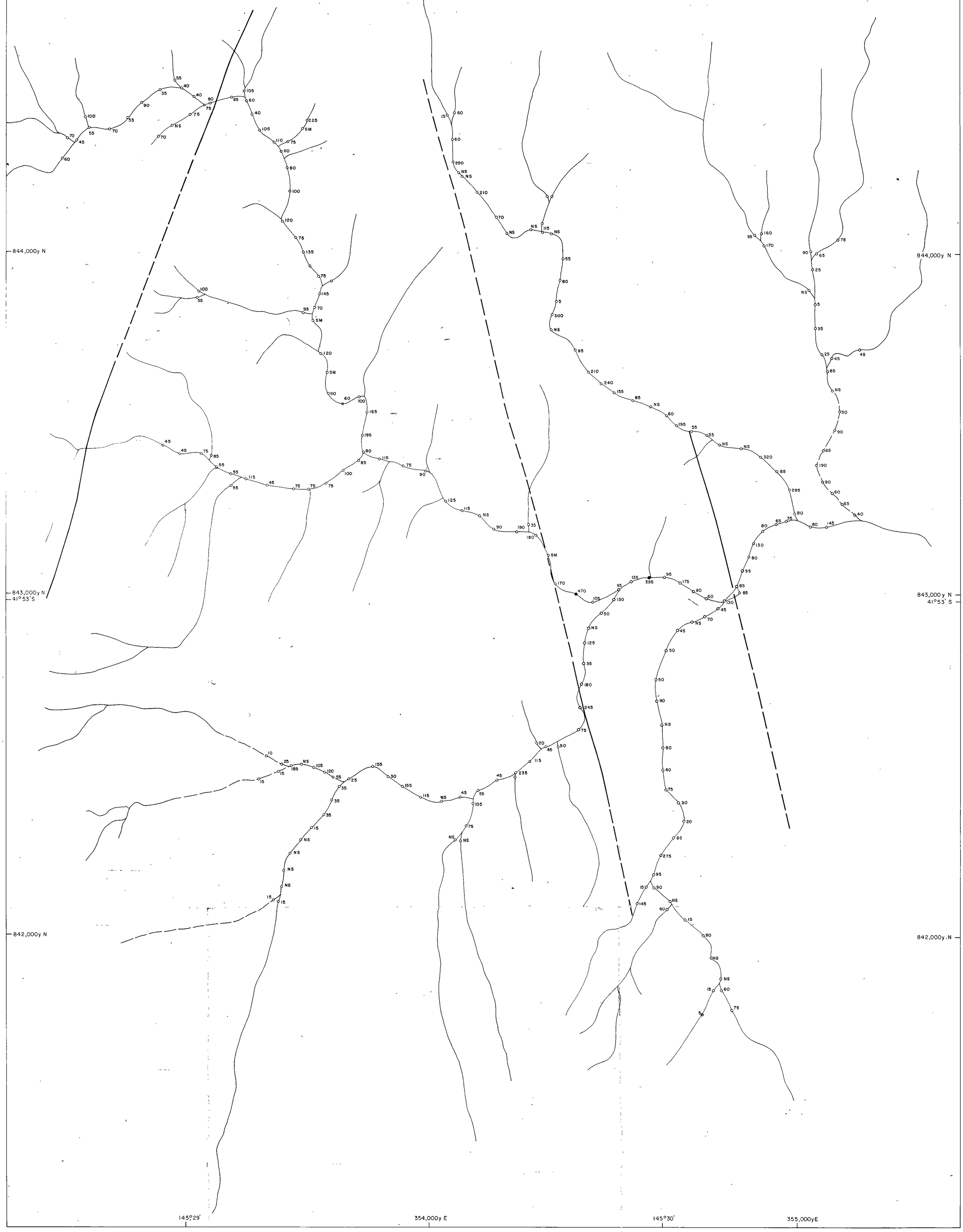
145°30'

355,000y E

844,000y N

843,000y N
41°53' S

842,000y N



5 cm

613479

74-996 Vol 3

LEGEND

320
● Anomalous metal content (ppm)

100
○ Metal content (ppm)

NS No sample

b = 77 ppm

t = 310 ppm

s = 0 31

Scale 1. 5,000

500 0 500 1000 Feet

250 0 250 500 750 1000 Metres

TEXAS INSTRUMENTS INCORPORATED

GEOPHOTO RESOURCES CONSULTANTS

SYDNEY AUSTRALIA

TN

GEOPHOTO

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E.L. 7/68 DUNDAS DISTRICT, TASMANIA

NORTH EAST DUNDAS

STREAM SEDIMENT SAMPLING SURVEY

LEAD VALUES 2431

PROJECT	7/68	AUTHOR	L Discala	DATE	April 1973	DWG Nº	1/362

845,000y N
41°52' S

145°29'

354,000y E

145°30'

355,000y E

844,000y N

843,000y N
41°53' S

842,000y N

LEGEND

900 ● Anomalous metal content (ppm)

75 ○ Metal content (ppm)

NS No sample

b = 78 ppm

t = 365 ppm

s = 0 34

Scale 1. 5,000

500 0 500 1000 Feet

250 0 250 500 750 1000 Metres

5 cm

613480

74-996 Vol 3

TEXAS INSTRUMENTS INCORPORATED.

GEOPHOTO RESOURCES CONSULTANTS
SYDNEY AUSTRALIA

TN

TEXINS DEVELOPMENT PTY. LTD.

E.L.7/68 DUNDAS DISTRICT, TASMANIA

NORTH EAST DUNDAS

STREAM SEDIMENT SAMPLING SURVEY

ZINC VALUES 2432

PROJECT	7/68	AUTHOR	L. Discala	DATE	April 1973	DWG Nº	1/363