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E.L. 2/63 AND E.L. 18/73

MT. LINDSAY AREA

WESTERN TASMANIA

ANNUAL REPORT 1973-74.

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August, 1974.

Copies to:

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Cominco Exploration Pty. Ltd. (2)
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1. CONCLUSIONS AND RECOMMENDATIONS:

1.1. CONCLUSIONS:

During 1973-74, $106,379 was spent on geological exploration in the Mt. Lindsay area of Western Tasmania. Of this, $48,029 was spent on E.L. 18/73 and $58,350 on E.L. 2/63.

Work was concentrated on the lower Cambrian sediments lying between the Pieman River and Mt. Lindsay in which the main targets sought are the hydrothermal metasomatic replacement type deposits such as Renison, Cleveland, Bischoff and King Island.

Following the further development of road and traverse line access into the area, a large reconnaissance I.P. - resistivity survey and a detailed ground magnetic survey were completed over most of the major areas of interest. In conjunction with this geophysical surveying, some semi reconnaissance mapping programs and geochemical soil sampling were undertaken.

Two areas remain of primary interest viz:

Misty Valley Grid area.
Mt. Lindsay Grid area.

On the Misty Valley Grid, E.I.P., M.I.P., resistivity, ground magnetic, geochemical soil sampling and mapping programs all showed this area to be worthy of further attention.

On the Mt. Lindsay Grid, where the whole area has been metamorphosed to varying degrees by the Meredith Granite, geophysical surveys (E.I.P. -magnetic-resistivity) merely succeeded in defining a proliferation of anomalies. An orientation geochemical soil sampling program undertaken over the Mt. Lindsay Mine suggested that such surveys conducted on a wider scale may help discriminate the more interesting of these geophysical anomalies.

1.2. RECOMMENDATIONS:

During 1974-75 it is recommended that $40,636 be spent on exploration programs on E.L. 18/73 and $61,294 on E.L. 2/63. (Total $101,930) Budget details are attached as Appendix 4.

Programs envisaged should be confined to three areas viz:

1.2:1. Misty Valley Grid.
1.2:2. Mt. Lindsay Grid.
1.2:3. Cambrian sequence north and east of Mt. Lindsay.

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In more detail:

1.2.1. Misty Valley Grid:

Reasonably detailed geophysical (E.I.P.-M.I.P.-resistivity-magnetic) and geological mapping surveys have now been completed on this area. Some soil sampling has also been undertaken but anomalous results obtained were not repeatable. Thus at this stage it could be said that several very encouraging geophysical responses have been obtained in a geological environment which appears to be very similar to that at Renison. Geochemical results, whilst not repeatable are also encouraging.

It is thus recommended that in 1974-75, certain selected parts of this grid be re-soil sampled and if results of this work are seen as encouraging, then two 250m diamond drill holes be drilled on the grid. If the results of these holes are discouraging then no further work is recommended in the Misty Valley Grid area.

1.2.2. Mt. Lindsay Grid.

Programs recommended for 1974-75 include reconnaissance and selected detailed soil sampling, detailed geological mapping, limited amounts of E.M. and I.P. surveying, and possibly a small amount of diamond drilling if suitable targets have developed, and if time permits.

To enable these programs to be successfully undertaken, it is recommended that the Mt. Lindsay access road be extended a further 5 kms. to the north-east.

1.2.3. Cambrian sequence to north and east of Mt. Lindsay Grid:

The Cambrian sequence running north and east of the Mt. Lindsay grid around the southern and eastern margins of the Meredith Granite is largely unexplored country lying in a geologically favourable position and with some anomalous airborne geophysical aspects.

It would be impossible in such a short field season with only a few personnel available to achieve much in this area apart from some regional mapping and stream sediment sampling.

2. INTRODUCTION:

The belt of lower Cambrian sediments lying between the Meredith Granite and Renison Bell has for years been regarded as a geologically favourable environment for

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the development of Renison - Cleveland - Bischoff-King Island type deposits. In the summer of 1972-73, an airborne magnetic-turair (E.M.) survey was flown over this belt in an attempt to define smaller areas of maximum interest. Two areas north of the Pieman River emerged as such viz: The Misty Valley Area within E.L. 2/63 and the larger Mt. Lindsay Area within E.L. 2/63 and E.L. 18/73.

Thus in 1973-74 it was decided to gain road access into both these areas, grid them with cut traverse lines, and undertake such geological, geophysical and geochemical surveys which may assist in more closely defining reduced areas of interest, which would justify further detailed ground studies leading eventually to diamond drilling.

3. LOCATION AND ACCESS:

The locations of E.L. 2/63 and E.L. 18/73 are shown on the accompanying maps 1 (1:1,000,000 and 1:50,000).

Major access routes are also shown on these maps. Approximately 7 kms. of roads and 80 kms. of traverse lines were established during the year.

4. LAND TENURE:

E.L. 2/63 is a 58 square kilometer area held since 1963 by Aberfoyle Limited. Since October, 1972. It has been explored under a Joint Venture agreement between Aberfoyle (and its associated companies), Consolidated Gold Fields Australia Limited, and Renison Limited. Under the agreement, the latter two companies can each earn a 30% interest in the area by expending $300,000 on exploration before June, 1976.

E.L. 18/73 was acquired by Renison Limited on 27th July, 1973, and has been explored since then under a Joint Venture agreement between Renison and C.G.F.A.

5. PREVIOUS WORK.

The areas covered by E.L. 18/73 and E.L. 2/63 have been the subject of quite intense exploration since the late 1950's. A full list of reports covering this work is contained in the bibliography of this report.

6. FIELD WORK AND PROCEDURES:

6.1. Grid Systems.

Gridded traverse lines were cut at 200m. line spacings

over the Misty Valley and Mt. Lindsay Areas. All lines were pegged at 50m. intervals, and surveyed using tape and compass methods. All distances measured were ground, and not horizontal distances.

In the Misty Valley Area, eight lines (M.V.0-7) totalling 10.75 kms. were cut and pegged, using the Mt. Lindsay road as the origin point.

In the Mt. Lindsay Area, twenty lines (M.L. 1-20) totalling 62 kms. were cut and pegged, again using the Mt. Lindsay road as the origin. A secondary base line was cut west of M.L. 1 at approx. 2200m North of the Mt. Lindsay Road for line control purposes.

Stadia surveys were conducted along all roads, sections of the Mt. Lindsay walking track, and the Mt. Lindsay baseline.

6.2. Geology:

Geological mapping programs were undertaken on lines and roads in both the Mt. Lindsay and Misty Valley Areas. Data has been plotted on 1:5000 fact maps and 1:10,000 interpretative maps.

6.3. Geophysics.

Following the airborne turair-magnetic survey completed in January 1972, a detailed ground proton magnetic survey and a reconnaissance I.P. - resistivity survey were completed on both the Misty Valley and Mt. Lindsay grids during 1973-74.

Magnetic readings were taken along roads, tracks, lines etc. with a Geometrics G816 every 10m, with a bottle on a 2.5m pole. Several readings were taken at each station until agreement of 1-2 gammas was obtained. In high magnetic gradient areas, this was not always possible. No diurnal variation corrections were made as this was found to be less than 50 gammas.

The I.P. survey was conducted by Sintrex Pty. Limited between December, 1973 - February 1974. An interpretation together with survey details are presented in the Sintrex Report "A Report on Electrical Induced Polarisation Surveys at Mt. Lindsay near Renison Bell, West Coast Tasmania" by A.W. Howland-Rose, April 1974.

Several different I.P. techniques were employed during

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the survey and included gradient array, pole dipole, three array and M.I.P. Station intervals were generally 50m. being reduced to 25m. over some anomalous areas.

TABLE 1: I.P. Coverage.

Method	Misty Valley Grid.	Mt. Lindsay Grid.
Gradient	7.4 kms.	30 kms.
Pole-Dipole	---	5.2 kms.
Three Array	0.105 kms.	---
M.I.P.	0.26 kms.	0.325 kms.

A geophysical report titled: "An Interpretation of a Combined Geophysical Survey, Mt. Lindsay Area" was prepared by J. Irvine in August, 1974.

6.4. Geochemical Sampling:

Orientation soil sampling surveys were undertaken on part of the Misty Valley and Mt. Lindsay Grids. Samples depths, fractions, sieving techniques, assay techniques, etc. were all experimented with during these surveys. Full results are presented in Appendix 1 of this report.

6.5. Field Camp and Personnel:

Early in the season, a 10-15 man tent-caravan-hut camp was established on a ridge to the east of Low-Low Creek.

Personnel employed during the season ranged from 4-14 people (including I.P. crews).

Main crew details were:

Project Geologist:	R. Schellekens.
Field Geologists:	Ernesto Apostol - on loan from Philippines.
	Andrew Walter - C.G.F.A./G.T.
	Keith Brister - Honours student.
University student F/A's:	Andrew Padman, Philip New, Terry White, Roger Poltock.
Renison F/A's:	Mick Phelan, Peter Brown, Fred Enden.
Track Cutters:	Purton Bros.
Camp Cook:	Ron Watkins.

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7. GENERAL GEOLOGY:

Briefly, Precambrian sediments are overlain (? unconformably) by fine sediments of the Lower Cambrian Oonah Formation which in turn is conformably overlain by the Crimson Creek Formation. The Cambrian sequences in general dip steeply to the N.E. and are intruded in the northern part of the licence areas by the stanniferous Meredith Granite. Minor folding and faulting is widespread but is as yet not well understood.

The latest understanding of the stratigraphic column present in the Mt. Lindsay area is shown in Table 2 below:-

Age	Formation	Unit	Thickness	Remarks
Cambrian	Crimson Creek	Tuffs	+1,000m	Lithic crystal tuffs with minor mudstones and carbonate-rich beds. Zone of metamorphism near Meredith Granite-contains disseminated sulphides in part.
		Siltstones	200-300m	Siltstones, grey-brown-purple mudstones and lithic tuffs carbonate-rich in part.
		Upper Chert	5-10m	Massive red-pink cherts-good exposure in creeks, scree on ridges.
		Siltstones	50-100m	Grey siltstones brown-purple mudstones and tuffs.
		Lower Chert	5-20m	Red-brown oolitic ferruginous cherts and soft unconsolidated brown - purple tuffs. Good exposure along ridges - little outcrop in creeks.
	Oonah Formation Success Creek Group) after	Brown Siltstones	5-10m?	Brown laminated well bedded siltstones - missing or not exposed in some areas.
		Siltstones	20-200m	Laminated well bedded grey-green siltstones, with thin black oolitic cherts in Top 10-20m.
		Shales	100-200m	Grey black shales contorted and sheared with minor interbedded siltstones.
		Siltstones	300m	Grey siltstones with interbedded shales and quartzites-with minor tuffs and carbonate beds. Small scale folding intense in places.

Age	Formation	Unit	Thickness	Remarks
		Quartzite	300m	Thick bedded grey quartzite with minor interbedded shales and siltstones.
Precambrian	Davey Group		?	Contorted quartzite, shales and siltstones. Outside licence area.

Schists, quartzites and slates of the Precambrian Davey Group outcrop to the west and south-west of the area. They are overlain by quartzites, siltstones and shales of the Oonah Formation which at Mt. Lindsay, as at Renison, are regarded as possibly lower Cambrian. The Oonah Formation is in turn conformably overlain by tuffs (crystal and lithic) argillitic sediments and thin carbonate rich beds of the Crimson Creek Formation.

Sulphide mineralisation is widespread particularly in the 1-2 km. wide metamorphic aureole surrounding the Meredith Granite. Within this aureole, the rocks have generally been hornfelsed and carbonate rich horizons have been extensively altered and sometimes replaced by massive pyrrhotite -pyrite-magnetite-cassiterite mineralisation (e.g.) the main lode at Mt. Lindsay.

Small tin veins also occur in the Meredith Granite.

The Geology of the Mt. Lindsay and Misty Valley Grid areas is discussed in more detail below.

Geological fact and interpretative plans are appended to this report.

8. MISTY VALLEY GRID AREA:

8.1. General:

This area was defined as one of interest by the Turair-Airmag. survey of 1972-73. The airborne anomaly was defined by this survey as:- Conductor 19, Anomalies 143, 144, 146, 800m. long, 200 gamma magnetic response, weak phase anomaly, depth 120m., low conductive-thickness factor, and of secondary interest.

It was decided to look further at this area as the Mt. Lindsay road passed very close to it and thus provided easy access.

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During road construction, chert beds in the Misty Valley area were unearthered which appeared very similar to the Red Rock Member at Renison Bell. It was thus decided to cut an 8 line grid over this area, with lines spaced at 200m. intervals, and to then undertake such geological, geochemical and geophysical surveys on this grid as thought necessary.

8.2. Geology

Geological mapping over the grid indicated a sequence of siltstones, shales, and cherts, dipping 50-80° E and striking approximately north-south. The rocks are probably more intensely folded and faulted than indicated - no accurate detailed structural interpretation is possible due to the poor outcrop.

The oldest sediments outcrop over the western section of the grid, and consist of a sequence of thickly bedded quartzites with minor interbedded siltstones and shales. The sequence becomes finer grained towards the top, and consists mainly of slumped shales and minor siltstones. These rocks lie to the west of the main area of interest.

Overlying the quartzites are grey-green to grey-black soft well bedded siltstones, with minor interbedded grey-black shales and black oolitic cherts. The thickness of this sequence is of the order of 200m. Outcrops of the oolitic chert occur along the Mt. Lindsay road near the Misty Valley camp track. Oolitic chert scree occurs along the Chert Creek Road.

In other areas - namely along the Mt. Lindsay road near Salmon Creek, the cherts are concentrated close to the top of the sequence. The origin of the oolitic cherts is unknown, but it may be primary deposition of chert nodules on the sea floor; or secondary - silicification of oolitic carbonate beds.

In the Chert Creek area, the cherts are overlain by 50m. of black shales and minor siltstones. These sediments are contorted in places and known to contain graphite (graphitic shale along shear on M.V.I./650ME).

A red nodular chert bed (Lower Chert) overlies the shales and is well exposed along the Mt. Lindsay Road, and on several bulldozer tracks between lines M.V.I. and M.V.2. This bed has been traced 5 kms north-west to the western

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boundary of E.L. 2/63, and is correlated with the Lower Chert in the southern section of the Mt. Lindsay Grid. The cherts do not appear south of line M.V.I., and have possibly been faulted out. Sediments within this bed consists of nodular haematitic cherts, and pink siliceous cherts. The nodules show evidence of post-depositional consolidation, as individual nodules are often oval. The haematitic cherts weather to form ferruginous ironstones, and often contain blocks of unweathered pink cherts. Good exposures of the ironstones can be seen between lines M.V.I. and M.V.2. The cherts have good magnetic expression, and the ground magnetic survey was used as a mapping tool in areas of poor outcrop.

A sequence of siltstones and shales conformably overlies the Lower Chert. These sediments are exposed along the Chert Creek road, and are several hundred metres thick. The siltstones are very similar to the sediments underlying the Lower Chert. Close to the top of this sequence of sediments, pink scree was located. This bed has been traced from lines M.V.3 to M.V.7., by its associated narrow magnetic response. The pink chert probably correlates with the Upper Chert horizon in the Mt. Lindsay - Salmon Creek area.

The siltstones are overlain by argillites and tuffs of the Crimson Creek Formation. These rocks have been discussed in more detail in the 1972-73 Annual Report and are not considered to be of economic importance in this area.

The age of the rocks in the area is uncertain - due to the lack of fossil evidence; but are now considered to be of Lower Cambrian Age - by comparison with rocks at Renison Bell.

The overall structure in the Misty Valley area is that of an east dipping sequence of sediments. To the north of the grid rocks have been folded into an almost isoclinal anticline and syncline. South of the grid, the massive quartzites are folded into a domal structure. To the west of this dome part of the sequence (chert horizons) is missing, suggesting faulting or erosion of part of the sequence.

8.3. Geophysical Surveys.

A variety of geophysical methods were tried over the

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Misty Valley Grid during the year, and several interesting anomalies were outlined. They should be investigated by diamond drilling during the 1974-75 field season.

8.3.1. Ground Magnetics.

The ground magnetics survey was conducted over all grid lines, roads and tracks in the area. The results are presented on Map 5 (Appended). Actual Magnetic data sheets are presented in Appendix 2.

This survey indicated that the local magnetic gradient over the siltstones, shales and quartzites is very flat - background values 62200 . The chert horizons appeared as magnetic highs - with values of 2500 above background over the Lower Chert, and 50-700 over the Upper Chert. Erratic values were recorded over the argillites, and are probably due to variations in magnetic response between the argillites and tuffs. The source of the magnetic anomaly is probably the Lower Chert horizon and its adjacent sediments.

Anomalies located during the ground survey are discussed in Table 3.

Grid Line	Location	Anomaly Amplitude Gamma	Remarks
M.V.0	-	200	no anomalies
M.V.1	675E	200	dip east, source pyrrhotite or disseminated magnetite
M.V.2	350E	350	Dip steep east, source pyrrhotite or haematitic chert
	450E	300	" " " "
M.V.3	210E	250	Dip steep east, source haematitic chert. correlate MV2 350E, MV4 0E.
	350E	250	Dip steep east source chert or pyrrhotite.
M.V.4	0E	400	Dip steep east dipole effect source chert or pyrrhotite.
	520E	250	Source red chert.
M.V.5	0E	400	Source haematitic chert.

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Grid Line	Location	Anomaly Amplitude Gamma	Remarks
M.V.5	450E	100	source red chert.
M.V.6	0E	200	source haematitic chert
M.V.6	400E	50	source red chert
M.V.7	150E	400	source haematitic chert strike approx. parallel grid line.
	250E	350	" " " "
	570E	700	source chert.

TABLE 3. GROUND MAGNETIC ANOMALIES: MISTY VALLEY GRID.

Two continuous magnetic anomalies were located during the survey, and appear to correlate with the Upper and Lower Chert horizons. The Lower Chert anomaly has been traced from M.V.1 to M.V. 7. The maximum values recorded were 1800 above background and occur between M.V.1 and M.V.2. The probable source is magnetite occuring within the cherts or in beds associated with the chert. This anomaly represents a prime target for Cleveland-Renison Bell type mineralisation.

The second anomaly was located 500m further east, and has been traced from line M.V. 3 to M.V.7. This anomaly occurs over the Upper Chert horizon.

Towards the south, the anomaly has been traced to the Chert Creek - Wilson River junction. Only one or two point (10-20m) anomalies were found - suggesting a very narrow source. As there are no associated soil geochemical or I.P. anomalies, this zone is not considered to be of much importance.

Several anomalies were located within the argillite sequence, and are probably caused by tuff beds containing minor amounts of

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disseminated magnetite.

8.3.2. Induced Polarisation Surveys.

Most of the Misty Valley Grid was covered by Gradient Array I.P. Surveys; with selected anomalies detailed by Three Array and M.I.P. Table 5 indicates the source and correlation between these anomalies.

Correlation of anomalies between grid lines has indicated trends parallel to the strike of sediments in the area. Four continuous chargeability anomalies were located with anomaly strength variable along strike. The most westerly anomaly lies west of the Mt. Lindsay road, and appears to be associated with shales and siltstones. The probable source of this anomaly is graphitic shales, as there is no M.I.P. response in the vicinity. The second and most important chargeability anomaly is located 300m further east. This anomaly has been traced from lines M.V.1 to M.V.7 and occurs close to the Lower Chert horizon. Associated with the I.P. anomaly is a corresponding 350 magnetic anomaly. Turair and air mag anomalies located in the area probably occur over this anomaly. Although graphitic shales outcrop on line M.V.1, this anomaly is still of prime importance, as it has an associated low order magnetic anomally.

A parallel chargeability anomaly was located 100m further east. This anomaly occurs within the shales and siltstone sequence, overlying the Lower Chert. Graphitic shales or pyrrhotite is the probable source of the anomaly. The most easterly anomaly is located 150m further east, and is associated with the Upper Chert horizon. It has been traced from lines M.V.2 to M.V.5.

Three M.I.P. tests were run over selected anomalies (M.V.1 125-175E, and M.V.7 330-350E). M.I.P. tests over sulphides show large negative responses in the time slices M_2 to M_5; while over graphitic shales the negative responses are considerably lower. Anomalies M.V. 1/650E and M.V.7/350E are probably due to the presence of sulphides.

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Location	Charg/Resis.	Magnetic Response	Width/ Depth	Anomaly Correlation	Remark	Probable Source	Importance
0/375 E	C/20 M/V	Nil	-/-	1/125 E		Shales	C
1/125 E	C/30 MV/V	Nil	-/<30	0/375 E 2/125 W	MIP not diagnostic-conductive zone close to surface		C
525 E	R	Nil	-/-	0/725 E 2/225 E		Chert	C
675 E	C 15MV/V	200	<25/<25	0/975 E 2/425 E	MIP 9MV/V-chargeable dip east	Pyrrhotite	AA
775 E	C 12MV/V	200	<25		Dip East	Sulphides	AA
2/325 W	C/8MV/V	Nil	-/-			Shales	C
100 W	C/20MV/V	Nil	-/-	1/125 E 3/200 W	Disseminated electrically discontinuous	Shales	C
225 E	R	Nil	-/-	1/525 E 3/125 E	Normal grain size	Chert	
340 E	C12MV/V	100	-/-	3/225 E		pyrrhotite	AA
425 E	C10MV/V	350	-/-	1/675 E 3/350 E		pyrrhotite	AA
3/200 W	C 20MV/V	Nil	-/-	2/100 W 5/225 W		Shales	C
125 E	C 10MV/V	Nil	-/-	2/225 E	Disseminated source resistive host	Chert	B
225 E	C<5MV/V	300	-/-	2/340 E 4/025 E	Anomaly dying out towards north	pyrrhotite	C
350 E	C 10MV/V	300	-/-	2/425 E 4/200 E	Anomaly within conductive unit	"	A
675 E	C 20MV/V	Nil	-/-	2/700 E 4/575 E	Anomaly associated with change in rock type	Shales and chert	C

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Location	Charg/Resis.	Magnetic Response	Width/ Depth	Anomaly Correlation	Remarks	Probable Source	Importance
4/025 E	C 12MV/V	Neg	-/-	3/225 E MV5 075E	Anomaly associated with Lower Chert horizon	Chert	B
350E	C 20MV/V	Nil	-/-	MV5 225E	Resistive host	Chert	C
475E	R	Neg	-/-	3/575 E MV5 425E	Associated with chert	Chert	B
575E	C 20MV/V	Nil	<25 <20	3/675 E	Conductive host E.I.P. decay normal	sulphides	B
5/225 W	C 5MV/V	Nil	-/-	3/200 W		Shales	C
075 W	R	Nil	-/-	4/075 W MV6 025E	Chert	Chert	B
075E	C 5MV/V	50	-/-	4/025E		Shale or sulphides	C
225E	C 5MV/V	50	-/-	4/200E MV6 275E		Shale or sulphides	C
6/075E	C 5MV/V	Nil	-/-	5/225E 7/075E		Shale or sulphides	C
6/275E	C 5MV/V	Nil	-/-	7/375E	Broad anomaly	" "	C
7/375E	C 15MV/V	Nil	-/<25	6/275E	Strike of beds parallel to grid line, dissem. source MIP 40MV/V	pyrrhotite?	A
400-600E	R	Low	-/-		Chert	chert	C

TABLE 4: GEOPHYSICAL RESPONSES ON MISTY VALLEY GRID.

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Grid Line	Location	Geochemical anomalies - (element p.p.m.)	Probable Source	Magnetic Response	I.P. response	Importance
M.V.0	925 E	Cu - 240, Zn 240	Contamination ?	Nil	Nil	C
M.V.1	400 E	Sn - 240, Cu-120 at 375E		"	"	B
	550-675E	High Sn maximum-200 Cu-450	sulphides - contamination	200	chargeable	A
	750-900E	High Sn values - 2000 + 1300		Nil	"	A
	975-1125	Sn - 360 (maximum)	Upper chert	Nil	Nil	B
M.V.1 resampling	650-675E	Sn-80 Zn - 70	Sulphides ?	200	chargeable	A
	825E	W - 90		Nil	Nil	B
	875	Sn - 60		"	"	B
M.V.2	375E	Sn - 60 Cu-80 Zn-80	Sulphides	50	chargeable	A
	600-650E	Sn - 90	shales?	Nil	resistive	C
	725E	Sn - 140	shales?	Nil	chargeable	A
M.V.3	700E	Zn - 400	shales?	Nil	chargeable	B
M.V.4	650E	Sn - 85 Cu-60	shales?	Nil	—	C
M.V.5	025E	Sn - 85 W-100	Lower chert	500	Nil	A
	550E	Zn - 100		Nil	-	C

Grid Line	Location	Geochemical anomalies - (element p.p.m.)	Probable Source	Magnetic Response	I.P. Response	Importance
M.V.6	350-500E	Sn-120 Cu-170 Zn-180 W-120	Upper chert contamination	100	resistive	B
M.V.7	275E	W 340	Lower chert	200	"	B
	325E	Sn - 100	shales?	Nil	chargeable to east	A
	550E	Cu-120	Upper chert	700	resistive	B

TABLE 5: GEOCHEMICAL ANOMALIES - MISTY VALLEY GRID.

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8.4. Geochemical Sampling.

Selected portions of the Misty Valley Grid were auger soil sampled - the results being plotted on 1:5000 profiles, and the values recorded in Appendix 1. Problems with laboratory contamination were encountered and part of M.V.1 was resampled. Anomalous values are discussed in Table 5.

Grab sampling of the iron stone areas between lines M.V.1 and M.V.2 indicate anomalous values of up to 140 p.p.m. Cu, 350 p.p.m. Pb 270 p.p.m. Zn and 140 p.p.m. As, but with low tin values (<80 p.p.m. Sn). Although tin values were low, this area is still of interest due to associated ground magnetic and I.P. anomalies.

9. MT. LINDSAY GRID AREA.

9.1. General:

The Mt. Lindsay Grid area has been regarded as an area of high interest because of the presence of known mineralisation at the Mt. Lindsay Mine occuring in a similar geological environment to the Renison-Cleveland-Bischoff-King Island deposits. The airborne E.M.-magnetic survey flown in 1972-73, defined the whole grid area as highly magnetically anomalous which further enhanced the possibility of skarn type deposits there. Whilst there were few strong E.M. anomalies defined, this was not seen as particularly discouraging as the topography was very rugged and the Mt. Lindsay mineralisation is not regarded as highly conductive.

To enable high quality ground follow up projects to be undertaken in this area, a road has been constructed from the Pieman River to within 1 km. of the Mt. Lindsay Mine, and traverse lines have been cut at 200m. spacings over the entire area.

9.2. Geology.

Geological mapping during 1973-74 was largely concentrated on the southern section of the gridded area. The stratigraphic sequence is very similar to that in the Misty Valley Area (see Table 2 page 6).

The oldest rocks in the area outcrop south of the Mt. Lindsay Road and consist of interbedded quartzites siltstones and shales, with the sequence becoming

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finer towards the top as the shale component increases. On the road between ML10-11, black pyritic-graphitic shales and tuffaceous shales containing carbonate fragments outcrop.

Towards the top of this sequence there are several thin (0.5m) black oolitic chert beds. They are well exposed on the road as scattered outcrops between lines M.L.5-13. These cherts may be silicified oolitic carbonate beds as near lines M.L.5/ON and M.L. 6/ON, there are two depressed swampy areas which may represent sink holes within a carbonate sequence.

Overlying the shale sequence in places is a 20m. thick brown laminated siltstone unit. It is well exposed between M.L. 6 and M.L. 9 along the road. The brown coloration of the siltstones may be caused by downward leaching of iron rich solutions from the overlying red cherts.

Overlying the siltstones and shales is the Lower chert unit (as seen at Misty Valley). Typically this consists of a 10-30m thick red-brown hematitic oolitic chert, minor red and pink chert beds, and tuffs which are often silicified. It is well exposed along the road from M.L.3 - M.L.14. It is well exposed on ridges but poorly exposed in creeks. Frequently it weathers to form a limonitic cellular ironstone, often resembling a gossan. West of M.L.11, the chert appears to be changing in character by thinning and becoming modular and white in colour. It outcrops along Salmon Creek between M.L.12 and 13, where it appears more as just a fine siliceous sediment. The Lower Chert generally gives a 300-500 gamma (above background) magnetic response and this often assisted in mapping the unit in poor exposure areas. Magnetic data also suggested the chert continued under swamp west of M.L.14.

A 20-100m thick sequence of shales, siltstones and purple-brown tuffs overlie the Lower Chert. Because of poor exposures, very little is known of this unit but it does appear to be thinner than in the Misty Valley Area. Near M.L.10 on the road, brown clay and an agate fragment were located and may

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represent a weak surface expression of a weathered carbonate unit.

Overlying this shale-siltstone-tuff sequence is the 10-20 wide Upper Chert unit, consisting of massive red, pink, white and green cherts and siliceous sediments. Good exposures are seen in creek beds and at the Low Low Camp site. The chert is difficult to follow in outcrop west of M.L.14 but, as with the Lower Chert, it can be traced further west from the magnetic results.

Immediately overlying the cherts are exposures of white siliceous agate and brown clays. These may represent the weak surface expression of underlying carbonate beds.

Overlying the Upper Chert horizon is a thick sequence of argillites, carbonate rich beds, sandstones and shales. This sequence appears to correlate with the Dreadnought Hill Member of the Crimson Creek Formation at Renison and in this area it hosts the Mt. Lindsay Mine mineralisation. Detailed mapping of this sequence was not undertaken during the year.

The stanniferous Meredith Granite intrudes this Dreadnought Hill Member equivalent, in the northern section of the licence areas.

In general, the rock units dip steeply to the north but is tightly folded in many areas into steep dipping anticlinal and synclinal structures (e.g.) the chert in the Salmon Creek-road area has been anticlinally folded. Faulting is also widespread but is as yet not well understood due to the lack of detailed mapping in the north.

A metamorphic aureole 1-2 kms. wide surrounds the Meredith Granite and has caused widespread silicification and alteration of the sediments. Fine grained shales and siltstones have been hornfelsed and quartz-tremolite veining is common, possibly representing alteration of carbonate rich zones. It is quite obvious from the magnetic data that the granite intrusion must in some way also be linked with the development of magnetite throughout the sediments either by direct introduction or by converting hematite to magnetite by heat-pressure processes.

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Disseminated pyrrhotite and pyrite are quite common throughout the area in almost all rock types, but by far the most major mineral occurrence in the area is the quartz-pyrrhotite-pyrite-magnetite-pyroxene-cassiterite lode at the Mt. Lindsay Mine. However, the mine area was not studied in detail during 1973-74 and is thus not commented on further here.

9.3. Geophysical Surveys.

Following the airborne EM-magnetic survey flown over the whole of E.L's 18/73 and 2/63 in January 1973, it was decided to conduct further ground geophysical surveys over the Mt. Lindsay Grid area in the summer of 1973-74. This work was to include detailed magnetic and reconnaissance I.P. resistivity surveys.

9.3.1. Ground Magnetic Survey:

The results of this survey were contoured by J. Templin of Sydney, and interpreted by J. Irvine of Sydney (see report "An Interpretation of a Combined Geophysical Survey, Mt. Lindsay Area, Tasmania" by J. Irvine).

The survey indicated a background of 62200 gammas over the quartzites and shales at the base of the sequence. Over the Chert horizon anomalies of up to 2000 gammas were located, and probably represent concentrations of disseminated magnetite or fairly massive pyrrhotite within the cherts.

Within the Crimson Creek Formation, erratic magnetic values were encountered (range 58,000-71,000 gammas) Anomaly strengths generally decreased away from the granite. All anomalies trended grid east - west, approximately parallel to the strike of the sediments. Part of this east-west trend may be a function of contouring between north-south grid lines. Several anomalies located during the survey have been correlated with anomalies located previously by Aberfoyle Ltd. The amonaly names have been placed on contour maps and profiles for comparison with the old data. Diamond drilling on the Main Ore Zone, No. 1 and No. 2 Anomalies indicated anomalies (65,000 gammas) were caused by magnetite and idsseminated pyrrhotite or by massive

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pyrrhotite and disseminated magnetite. Over granite areas in the N.W. part of the grid, magnetic readings were generally flat and close to background, although some anomalies in the sediments did run into the granite (e.g.) No. 2 anomaly, line 16.

Further discussions on the magnetic data are included in the section below dealing with I.P. data.

9.3.2. I.P. - Resistivity Surveys:

The Mt. Lindsay Grid area was covered initially by I.P. - resistivity surveys on 400m. spaced lines with some additional work on 200m spaced lines. Gradient Array was the main technique employed but pole-dipole set-ups were used for some detailed work and also in conductive areas. Results of the work are presented on the 1:5000 profiles accompanying this report. Full details of the survey are contained in the report by J. Irvine (mentioned in 9.3.1 above) and in the contractors report titled: "A Report on Electrical Induced Polarization Surveys at Mt. Lindsay near Renison Bell, West Coast Tasmania", by A.W. Howland-Rose of Scintrex Pty. Limited.

As with the magnetic survey, a proliferation of anomalies was obtained, and it was impossible to discriminate between sulphide source anomalies and "bogus" source anomalies. Irvine attempted to improve the situation by combining the magnetic and E.I.P. results and he concluded that seven such combined anomalies were worthy of further attention viz:

M.L.8/1378 N
11/680 N
11/855 N
12/2100 N
13/645 N
13/1420 N
15/2030 N

A summary of each of these anomalies is presented below in Table 6.

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ANOMALY	I.P. RESPONSE	MAGNETIC RESPONSE	GEOLOGY	COMMENTS
8/1378 N	60 MV/V 10–15 above bkg.	h = 10m t = 40 d = 80° NE or SW k = 12,000 x 10^6	Siltstones and tuffs	A fairly weak E.I.P. response but mag. correlation enhances it.
11/680 N	55MV/V 20 above bkg. Strong Resist. low offset.	h = 2m t = 15 d = 88S.W – 90° k = 8,000 x 10^6	Tuffs	A weak anomaly on a line having apparently many other stronger anomalies.
11/855 N	60MV/V. 30 above bkg. Strong Resist. low	Large, slightly offset anomaly.	Hornfels	Quite a strong anomaly, on the road.
12/2100 N	68MV/V 30 above bkg. Extremely Conductive.	h = 2m t = 25 d = 70 SW. k = 20,000x10^6	Corresponding to Mt. Lindsay Main Lode.	A good response over known mineralisation. Several other responses on this line warrant some attention.
13/645 N	60MV/V. 25–30 above bkg Low Resist.	h = 5 t = 20 d = 80 N.E. k = 12,000 x 10^6	Tuffs	Not a spectacular anomaly in an area of numerous other stronger anomalies.
13/1420 N	65MV/V Not conductive	h = 2 t = 10 d = 75 SW k = 15,000x10^6	tuffs	Lack of conductivities down-grades this anomaly. There would appear to be better responses on this line.
15/2030 N	30MV/V 10 above bkg.	h = 2 t = 40 d = 90 k = 10,000x10^6	In tuffs close to Main lode.	A good response but near limit of a gradient block. Other strong composite anomalies on this line.

TABLE 6: SUMMARY OF 7 MAJOR GEOPHYSICAL ANOMALIES.

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Location	Charg/Resis.	Magnetic Response	Width/ Depth	Anomaly Correlation	Remark	Probable Source	Importance (After Scintrex)
1/1875N	C/20 mV/V	Low	<50/20-25	M.L. 2 1700N	Dip South		B
1/1725N	C/30 mV/V	mags to south	-/<70	M.L. 2 1555N	Coarse grain size near surface, mag. source 1660N 10m deep	not magnetic	B
1/1475N	C/15 mV/V	Low	80-100	M.L. 2 1410N	Dip south, mag. source to south	" "	C
1/1275N							
2/225N	C	Flat	-/-	M.L. 3 275N	Broad anomaly		C
2/475	R	700	-/<10		Source not pyrrhotite	magnetic	C
2/1025N	R	400	-/-				
2/1150N	R	600		M.L. 3 1200N	Disseminated		
2/ 1300N	C10 mV/V	300		M.L. 3 1350N			
2/1410N	R	300		M.L. 1475N			
2/1525N	C25 mV/V	Flat		M.L.1 1725N, M.L.3 1575N	Mag. response to sth.		B
2/1700N	C12 mV/V	Low		M.L.1 1875N M.L.3 1725N			
2/1875N	C15 mV/V	Low	<15/<40	M.L. 3 1860N	Non conductive		B
2/2050N	C2 mV/V	1000		M.L. 3 2060N	Near surface		C
2/2175N	C7 mV/V	300		M.L. 3 2200N			C
2/2350N	C10 mV/V	500			Near surface, mag. response to south		C
3/025N	C14 mV/V	200		M.L. 2 250N M.L. 4 075N	Non conducting Broad near surface		
3/275N	C12 mV/V	Low		M.L. 2 225N, M.L. 4 325N	Broad near surface		

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Location	Charg/Resis.	Magnetic Response	Width/ Depth	Anomaly Correlation	Remarks	Probable Source	Importance (After Scintrex)
3/1350N	C30 MV/V	Low	-/<20	M.L.3 1300N, M.L.14 1400N	Chargeable not significant reduction grain size normal.	Sulphides or graphite	A
3/1500	R	300			Non conductive	Magnetite	C
3/1575N	C12 MV/V	Mag. to south		M.L.2 1525N	Non conductive		C
3/1725N	C20 MV/V	200	<25/<25	M.L.2 1700N		pyrrhotite or magnetite	B
3/1860N	C10 MV/V	400		M.L.2 1875N M.L.5 1850N	Shallow narrow source	Graphite or sulphides	
3/1950N	R	1500		M.L.2 1950N, M.L.5 1928N	Non conductive	Magnetite	
3/2060N	C20 MV/V	100	<20/<25	M.L.2 2050N M.L.5 1980N	Large grain, size near surface.	Pyrrhotite or magnetite	B
3/2200N	C10 MV/V	Low		M.L.1 2175N M.L.5 2225N	Non conductive	" "	C
4/075N	C30 MV/V	Mag. to South	<20/<30	M.L.3 025N M.L.5 5050N	Steep dip, normal grain size	Magnetite and chert	A
4/325N	C10 MV/V	No response		M.L.3 275N M.L.5 325N	Narrow shallow		B
4/1025N	C10 MV/V	400 to south		M.L.3 950N M.L. 1050			
4/1175N	C5 MV/V	200		M.L.3 1150N M.L.5 1525N			
4/1300N	R	1500	-/<20	M.L.3 1225N M.L.5 1300N		Magnetite	
4/1400N	C30 MV/V	Low	<25/<35	M.L.3 1350N M.L.5 1425N	Normal grain size near surface, steep dip south.		

Location	Charg/Resis.	Magnetic Response	Width/ Depth	Anomaly Correlation	Remarks	Probable Source	Importance (After Scintrex)
5/050N	C30 MV/V	300	-/<25	M.L.4 075N M.L.6 050N		Magnetite present	C
5/1225N	C10 MV/V	Mag. to south		M.L.4 1200N, M.L.6 1375N	Normal grain size near surface		B
5/1425N	C25 MV/V	"	<40/<25	M.L.4 400N M.L.6 1325N	Steep dip north, slight conduction	Not magnetite	B
5/2225N	C10 MV/V	Low	25-40	M.L.3 2200N M.L.7 2275N	Disseminated source	Graphite or sulphides	B
5/2400N	C10 MV/V		25-40		" "	" "	
5/2575N	C15 MV/V	3000 to south		M.L.7 2625N	Associated with magnetics to south	" "	C
5/2900N	C50 MV/V	Mag decrease	10-25	M.L.7 2875N	Normal grain size near surface.	" "	A
6/050N	C30 MV/V	2000	<40/<25	M.L.5 050N M.L.7 075N	Non conductive, course grain size near surface	Pyrrhotite or magnetite	A
6/275N	C20 MV/V	Flat	<20/<25	M.L.5 275N N.L.7 300N	Close to change in rock type	Graphite or sulphides	A
6/1175N	C10 MV/V	Broad high		M.L.5N 1050N M.L.7 1300N	Very coarse grained, conductive	Magnetite sulphides or graphite	B
6/1325N	R Low	Low		M.L.5 1225N M.L.7 1750N?			
7/075N	C25 MV/V	400	<30/<25	M.L.6 050N	Moderate dip north	Sulphides or graphite	A
7/1275N	C25 MV/V	2000	<40/<35	M.L.5 1225N M.L.8 1275N	Dip unknown, coarse grain size near surface	Massive sulphides	
7/1750N	C15 MV/V	Mag Flat	<75/>35	M.L.6 1550N M.L.8 1775N	Dip South, disseminated	Sulphides or graphite	C

Location	Charg/Resis.	Magnetic Response	Width/ Depth	Anomaly Correlation	Remarks	Probable Source	Importance After Scintrex
7/2275	C10 MV/V	Low		M.L.5 2225N M.L.8 2275N	Narrow, host rock weakly conducting	Sulphides or graphite	C
7/2475 2775	C40 MV/V	erratic		M.L.5 2575N M.L.8 2625N	Disseminated nature coarse grain size.	Not magnetic	B
8/1075N	C50 MV/V	Mags to south	<25/<25	M.L.7 1025N M.L.9 1125N	Disseminated source, surrounded by resist -ive rocks.	Sulphides or graphite	A
8/1375N	C20 MV/V	3000	<30/<30	M.L.7 1275N		Pyrrhotite or magnetite	AA
8/1775N	C17 MV/V	Mags to south		M.L.7 1750N M.L.9 1825N	Steep dip south		B
8/2125N	C17 MV/V	Flat	25-30			Sulphides or graphite	
8/2500 2675N	C20 MV/V	Flat	<25	M.L.7 2525N M.L.9 2675N			C
8/3175 3350N	C50 MV/V	erratic low		M.L.7 3360N		Sulphides or graphite	A
8/3425N	C10 MV/V	Low	<25			" "	B
9/490N	C7 MV/V	Mags to south		M.L.7 525N		Mineralised shear	C
9/800N	C20 MV/V	1500		M.L.7 825N M.L.10 725N	Disseminated	Sulphides or Graphite	C
9/900N	C30 MV/V	4000				" "	C
9/1125N	C45 MV/V	1000		M.L.8 1075N	Disseminated finer grain size near surface	" "	B

Location	Charg/Resis.	Magnetic Response	Width/ Depth	Anomaly Correlation	Remarks	Probable Source	Importance (After Scintrex)
9/1825N	C5 MV/V	Mags to south		M.L.8 1725N	Disseminated and discontinuous		
9/1925N	C10 MV/V	Low	<25 <25	M.L.8 1875 (weak)	Narrow, marginally conductive		B
9/2025N	C20 MV/V	Mags to South					
9/2675N	C40 MV/V	Mags to south	80 <50	M.L.8 2625N	Steep dip south fine grain size near surface.	Sulphides or graphite	A
9/3360N	C80 MV/V	Erratic	150 <80	M.L.8 3275N		" "	A
10/775N	C15 MV/V	Erratic	<40 <50	M.L.9 800N.			
11/1100 1150N	C35 MV/V	2000 to south	<20	M.L.12 1200N	Location inexact Steep dip south grain size normal near surface.	Sulphides, graphite or magnetite	C
11/1275N	C35 MV/V	Low	75 <25			Sulphides or graphite	B
11/2040N	C15 MV/V	Flat-mags to north		M.L.12 2000N	Weak conduction disseminated	Magnetite or pyrrhotite	C
11/2550 2750N	C40 MV/V	Flat	<50		Non conductive	Sulphides or graphite	B
11/2975N	C25-30MV/V	Low Dipole Eff.	35 <25		Dip South	Pyrrhotite or surface magnetite	A
11/3175 3375N	C55 MV/V	Erratic	300<40		Steep dip north some conduction, normal gain size near surface.	Sulphides or graphite	A

Location	Charg/Resis.	Magnetic Response	Width/ Depth	Anomaly Correlation	Remakrs	Probable Source	Importance (After Scintrex)
12/1750N	C10 MV/V	Flat	<25	M.L.11 1800N			
12/2000N	C7 MV/V	Flat	<40	M.L.11 2040N M.L.3 1875N			
12/2140N	C70 MV/V	5000	<20 <25	M.L.13 2026N	Anomaly more charge -able with depth- good turair response and MIP response. Two sources - south of 2050N coarser grain size, dissem- inated - north of 2140N conductive, course grained.	Magnetite or pyrrhotite	
13/1875N	C10 MV/V	2000	<30 <40	M.L.12 2000N			
13/2025N	C30+MV/V	5000	30-45	M.L.12 2140N	Shallow magnetite source 10m	Pyrrhotite-magnetite	A
13/2140N	C10 MV/V	Mags to south				" "	A
13/2275N	C20 MV/V	1000			Close to change in rock type (granite at depth)		A

TABLE 7: GEOPHYSICAL RESPONSES ON MT. LINDSAY GRID.

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A further correlation of geophysical anomalies by R.R. Schellekens is presented in Table 7.

9.4. Geochemical Surveys:

In may 1974, a limited geochemical soil sampling orientation program was completed over the Mt. Lindsay Mine, in an attempt to understand more fully the geochemical expression of Mt. Lindsay style mineralisation. Three lines were sampled:

M.L. 12: 2000-2500 N
M.L. 13: 1900-2400 N
M.L. 14: 1600-2150 N

The sample interval was 25m, with samples being taken at approximately 30cm. depth intervals. Three fractions were assayed viz. + 10 mesh, - 10 + 85, and the -85 mesh. Assaying for Cu, Zn, Bi, Mo (A.A.S.) and As, Pb, Sn, W (X.R.F.) was completed on each fraction by Amdel in Adelaide.

The results of this survey are presented in this report in Appendix 1. Sample locations are shown on Map 8. Assay values for the -85 mesh fraction, bottom of hole sample were plotted on the M.L. 14 line profile (1:5000).

Two types of soil were encountered. Firstly, a thick claysoil with a poor A-horizon was developed over the tuffs and argillites of the Crimson Creek Formation, and secondly a quartz rich sandy soil was developed over the Meredith Granite.

Results are not particularly conclusive due to the restricted nature of the survey, but some broad trends are obvious. Assay results of the individual elements is discussed below:

Copper: Variable background, 40 ppm. over granite.
80 ppm. over tuffs.
Most values 50 ppm.
Threshold 100 ppm.
3 sieve fractions gave similar results.
Rise in values over known mineralisation, generally co-incident with a rise in As, Bi, Wand Sn values.

Zinc: Values generally low, 50 ppm.
Little response over known mineralisation.
No use as a pathfinder in this particular program.

Element	Mesh	B'ground	Anomalous	Max.	Depth (Max response).
Cu	+10	< 80	100+	860	0.6 - 1.0m
	-10 +85	"	"	800	0.6 - 1.0m
	-85	"	"	970	1.0 - 1.1m
Zn	+10	< 60	60-90	140	0.0 - 0.3
	-10 +85	"	"	110	0.6 - 0.8
	-85	"	"	90	0.6 - 1.0
Pb	+10	< 15	15+	18	0.0 - 0.3
	-10 +85	"	"	18	0.0 - 0.3
	-85	"	"	20	0.6 - 1.0
Bi	+10	< 10	10	55	1.0 - 1.1m
	-10 +85	"	"	70	"
	-85	"	"	65	"
Mo	+10	< 5	5+	8	0.0 - 0.3
	-10 +10	"	"	7	0.3 -0 .6
	-85	"	"	8	1.0 - 1.3
As	+10	< 50	100+	3550	0.3 - 0.6
	-10 +85	"	"	2000	0.3 - 0.6
	-85	"	"	2150	0.6 - 1.0
Sn	+10	< 50	100+	4400	1.0 - 1.1
	-10 +85	"	"	3300	1.0 - 1.1
	-85	"	"	3900	1.0 - 1.1
W	+10	< 10	10+	640	0.6 - 1.0
	-10 +85	"	"	900	0.3 - 0.6
	-85	"	"	840	0.3 - 0.6

TABLE 8: GENERAL LEVELS OF GEOCHEM. RESPONSES

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Lead: 15 ppm. background. Little correlation with other elements over mineralisation.

Bismuth: Values 10 ppm.
Not considered to be of much use in this area.

Molybdenum: Values 6 ppm. No correlation with Cu, As, Sn.

Arsenic: Background 40-80 ppm. Threshold 100 ppm Strong anomalies over known mineralisation with good Cu, Bi, W, Sn. correlation.

Tin: Background 60-80 ppm. Threshold 100 ppm., with strong anomalies over known mineralisation associated with Cu, As, Bi, W.

Tungsten: Background 10 ppm. Anomalies over known mineralisation generally correlated with Sn, As, Cu.

The general levels of geochemical response are shown below in Table 8.

Results of the sampling program indicate the following:

(a) All three fractions give similar assays and were anomalous over known mineralisation.

(b) -10 + 85 gave the greatest contrast but for analytical reasons the -85 should be used in future.

(c) Only minor variations of values with depth at the one sample point.

(d) 25m. spacings appeared adequate for a reconnaissance survey, but one-point anomalies should be regarded as significant.

(e) Anomalies generally had sharp cut-offs.

(f) Cu, As, Sn, are the best indicators of Mt. Lindsay type mineralisation (also W possible).

(g) Geochemical anomalies over Main Lode agreed well with E.I.P. and Magnetic anomalies.

(h) Low background over granite.

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E.L. 2/63

MT. LINDSAY AREA

MISTY VALLEY GRID
AND
MT. LINDSAY GRID

APPENDIX 1

GEOCHEMICAL SAMPLING RESULTS
(Soil and Ironstone sampling)

036

RENISON LIMITED

ORIENTATION SURVEY - MISTY VALLEY GRID 572037

SAMPLE NO.	# Sieve & Method		Screen	ASSAYS (p.p.m.) Sn	Cu	Pb	Zn	Ni	As
MV 1	+10	Wet	Brass	20	10	40	10	<10	<50
	-10+85	"	"	<10	20	10	40	10	"
	-85	"	"	145	40	35	150	<10	"
MV 1	+10	Dry	"	20	10	35	<10	15	"
	-10+85	"	"	30	45	25	20	15	"
	-85	"	"	10	150	20	40	20	"
MV 2	+10	Dry	Brass	<10	10	<10	10	<10	<50
	-10+25		"	10	25	"	20	"	"
	-25+52		"	10	60	"	25	15	"
	-52+85		"	I.S.	90	10	35	15	"
	-85		"	45	160	15	40	10	"
MV 4	+10	Wet	Brass	40	10	15	<10	<10	<50
	-10+85	"	"	45	10	<10	20	<10	"
	-85	"	"	95	80	10	190	"	"
MV 4	+10	Dry	"	15	<10	25	15	20	"
	-10+85	"	"	<10	20	<10	10	<10	"
	-85	"	"	10	60	15	25	25	"
MV 5	+85	Wet	Brass	200	260	25	100	20	<50
	-85	"	"	190	100	110	90	<10	"
MV 5	+85	Dry	Brass	<10	120	150	35	15	"
	-85	"	"	<10	230	100	70	<10	"
MV 13	+85	Wet	Brass	15	40	45	90	<10	<50
	-85	"	"	800	430	180	950	10	"
MV 13	+85	Dry	Brass	<10	45	35	50	15	"
	-85	"	"	35	140	25	90	50	"
MV 15	+10	Wet	Brass	25	<10	<10	35	15	<50
	-10+85	"	"	20	15	30	40	15	"
	-85		"	320	100	175	210	15	"
MV 15	+10	Dry	"	15	10	<10	<10	<10	"
	-10+85		"	<10	25	35	10	<10	"
	-85		"	15	90	40	25	15	"
MV 20	+10	Dry	Brass	25	15	<10	15	<10	<50
	-10+25	"	"	15	40	15	60	10	"
	-25+52	"	"	35	60	<10	25	<10	"
	-52+85	"	"	20	60	"	25	10	"
	-85	"	"	40	115	20	45	<10	"

037

RENISON LIMITED

ORIENTATION SURVEY - MISTY VALLEY GRID 572038

SAMPLE NO.	Sieve & Method	Screen	ASSAYS (p.p.m.) Sn	Cu	Pb	Zn	Ni	As
MV 27	+10 Wet	Brass	10	<10	<10	10	<10	<50
	-10+85 "	"	10	15	"	30	15	"
	-85 "	"	360	130	30	430	15	"
MV 27	+10 Dry	Brass	15	10	<10	<10	<10	"
	-10+85 "	"	<10	25	35	10	"	"
	-85 "	"	15	90	40	25	15	"
MV 31	+10 Wet	Brass	85	<10	25	20	10	<50
	-10+25 "	"	200	"	<10	15	15	"
	-25+52 "	"	300	20	15	25	15	"
	-52+85 "	"	85	45	15	35	40	"
	-85 "	"	100	45	25	60	<10	"
MV 31	+10 Dry	Brass	25	<10	<10	10	10	"
	-10+25 "	"	20	60	10	30	20	"
	-25+52 "	"	I.S.	240	10	40	20	50
	-52+85 "	"	I.S.	270	10	50	45	160
	-85 "	"	35	100	25	35	20	<50
MV 34	+10 Dry	Brass	<10	10	<10	<10	<10	<50
	-10+25 "	"	I.S.	130	35	50	35	"
	-25+52 "	"	I.S.	215	10	40	10	"
	-52+85 "	"	I.S.	140	20	50	20	"
	-85 "	"	10	250	<10	50	<10	"
MV 50	+10 Dry	Brass	<10	<10	<10	<10	<10	<50
	-10+25 "	"	20	20	"	"	"	"
	-25+52 "	"	10	35	"	15	"	"
	-52+85 "	"	20	60	"	30	"	"
	-85 "	"	10	125	10	35	"	"
MV 68	+10 Dry	Brass	15	<10	<10	<10	<10	<50
	-10+25 "	"	15	70	"	15	15	"
	-25+52 "	"	15	90	"	30	15	"
	-52+85 "	"	<10	130	10	50	20	"
	-85 "	"	25	170	15	35	<10	"
MV 70	+10 Dry	Brass	20	15	10	15	<10	<50
	-10+25 "	"	<10	60	15	30	15	"
	-25+52 "	"	10	70	15	30	15	"
	-52+85 "	"	I.S.	150	20	40	20	"
	-85 "	"	60	450	60	125	10	"
MV 72	+10 Dry	Brass	45	10	120	50	60	<50
	-10+25 "	"	80	10	110	50	60	"
	-25+52 "	"	60	60	90	55	65	"
	-52+85 "	"	145	160	95	65	50	"
	-85 "	"	175	180	65	60	25	"

038

RENISON LIMITED

ORIENTATION SURVEY - MISTY VALLEY GRID

572039

SAMPLE NO.	SIEVE & METHOD		SCREEN	ASSAYS (p.p.m.) Sn	Cu	Pb	Zn	Ni	As
MV 82	+85	Wet	Plastic	10	10	<25	25	<10	<50
	-85	"	"	<10	20	"	40	"	"
	+85	Dry	"	<10	<10	"	20	"	"
	-85	"	"	15	<10	"	45	"	"
MV 82	+10	Wet	Brass	<10	30	<25	35	<10	<50
	-10+85	"	"	<10	10	"	35	10	"
	-85	"	"	10	75	"	45	10	"
	+10	"	"	45	20	"	20	<10	"
	-10+85	"	"	<10	45	"	40	"	"
	-85	"	"	20	80	"	45	"	"
MV 85	+85	Wet	Plastic	10	10	20	10	<10	<50
	-85	"	"	25	15	30	15	<10	"
	+85	Dry	"	<10	<10	<25	15	"	"
	-85	"	"	20	<10	"	25	"	"
	+10	Wet	Brass	<10	15	"	40	"	"
	-10+85	"	"	"	<10	"	50	"	"
	-85	"	"	15	60	"	100	"	"
	+10	Dry	"	20	30	"	40	"	"
	-10+85	"	"	10	15	"	20	10	"
	-85	"	"	15	65	"	35	<10	"
MV 88	+85	Wet	Plastic	35	10	<25	25	<10	<50
	-85	"	"	<10	10	"	40	"	"
	+85	Dry	"	<10	<10	"	20	"	"
	-85	"	"	20	15	"	60	"	"
MV 88	+10	Wet	Brass	10	15	<25	50	<10	"
	-10+85	"	"	25	15	"	80	"	"
	-85	"	"	<10	140	"	190	"	"
	+10	Dry	"	20	10	"	25	"	"
	-10+85	"	"	<10	20	"	35	"	"
	-85	"	"	10	90	"	50	"	"
MV 98	+85	Wet	Plastic	<10	10	<25	50	<10	<50
	-85	"	"	35	45	"	110	"	"
	+85	Dry	"	<10	15	"	30	"	"
	-85	"	"	"	20	"	30	"	"
MV 98	+10	Wet	Brass	10	20	<25	35	<10	<50
	-10+85	"	"	<10	50	"	60	"	"
	-85	"	"	100	350	"	190	"	"
	+10	Dry	"	<10	25	"	30	"	"
	-10+85	"	"	<10	40	"	25	10	"
	-85	"	"	10	130	"	45	<10	"

059

RENISON LIMITED

572040

SAMPLE NO.	MISTY VALLEY LOCATION	DEPTH (m)	ASSAYS (p.p.m.) Sn	Cu	Pb	Zn	Ni	As
MV 001	M.V.O. 25E	0-0.2	50	10	<25	30	10	<50
2	50E	0-0.3	60	<10	<25	30	<10	"
3	50E	0.3-0.4	60	<10	"	40	"	"
4	75E	0-025	15	<10	"	30	"	"
5	75E	0.25-0.35	45	<10	"	30	"	"
6	100E	0-03	40	10	"	40	"	"
7	"	0.3-0.4	45	<10	"	30	"	"
8	125ME	0-0.3	60	20	"	50	10	"
9	150ME	0-0.2	20	10	30	30	<10	"
MV 010	175ME	0-0.25	50	<10	25	40	"	"
1	"	0.25-0.3	35	20	<25	50	30	"
2	200ME	0-0.3	35	<10	"	40	<10	"
3	"	0.3-0.45	40	"	"	40	"	"
4	225ME	0-0.3	45	"	80	40	"	"
5	250ME	0-0.3	70	"	50	30	"	"
6	300ME	0-0.25	50	10	<25	40	"	"
7	325ME	0-0.5	30	10	25	30	"	"
8	350ME	0-0.1	60	<10	60	30	"	"
9	950ME	0-0.3	50	240	70	240	"	"
MV 020	925ME	0-0.25	45	<10	25	40	"	"
1	900ME	0-0.3	20	"	<25	40	"	"
2	875ME	0-0.25	35	"	"	40	"	"
3	850ME	0-0.15	25	10	25	40	"	"
4	825ME	0-0.2	40	<10	<25	30	"	"
5	800ME	0-0.15	45	"	"	50	10	"
6	775ME	0-0.25	35	"	"	50	10	"
7	750ME	0-0.2	50	"	"	40	<10	"
8	725ME	0-0.2	50	"	40	30	"	"
9	700ME	0-0.1	40	"	30	40	10	"
MV 030	575ME	0-0.2	35	"	<25	30	10	"
1	650ME	0-0.3	60	10	25	40	60	"
2	625ME	0-0.2	<10	10	<25	50	<10	70
3	600ME	0-0.3	30	10	"	30	"	<50
4	575ME	0-0.25	40	<10	"	50	"	"
5	550ME	0-0.3	70	10	"	40	20	"
6	"	0.3-0.4	50	10	"	50	<10	"
MV 1	M.V.I. 0ME	0-0.2	10	150	20	40	20	<50
2	25MW	0-0.2	45	160	15	40	<10	"
3	50MW	0-0.3	10	35	10	15	<50	"
4	"	0.3-0.6	10	60	15	25	25	"
5	75MW	0-0.3	<10	230	100	70	<10	"
6	"	0.3-0.6	<10	45	15	20	<50	"
7	100MW	0-0.3	30	15	9	10	"	"
8	"	0.3-0.6	100	35	25	24	"	"

040

572041

	SAMPLE NO.	MISTY VALLEY LOCATION	DEPTH (m)	ASSAYS (p.p.m.) Sn	Cu	Pb	Zn	Ni	As
	9	M.V.1 125 MW	0-0.3	25	25	18	20	< 50	< 50
	10	"	0.3-0.6	45	20	15	30	"	"
	11	150 MW	0.3-0.6	< 10	25	13	25	"	"
	12	"	0.6-1.0	45	30	18	35	"	"
	13	175 MW	0-0.3	35	140	25	90	50	"
	14	200 MW	0-0.3	30	30	19	45	< 50	"
	15	"	0.3-0.6	15	90	40	25	15	"
	16	225 MW	0-0.3	< 10	25	18	25	< 50	"
	17	250 MW	0-0.3	30	40	35	40	"	"
	18	"	0.3-0.6	30	34	37	60	"	"
	19	275 MW	0-0.3	40	20	18	60	"	"
	20	"	0.3-0.6	40	115	20	45	20	"
	21	25 ME	0-0.3	20	54	18	25	< 50	"
	22	"	0.3-0.6	80	14	18	10	"	"
	23	50 ME	0-0.3	25	9	8	3	"	"
	24	"	0.3-0.6	< 10	5	13	5	"	"
	25	"	0.6-1.0	"	13	25	12	"	"
	26	75 ME	0-0.3	60	15	7	10	"	"
	27	100 ME	0-0.3	15	90	40	25	15	"
	28	"	0.3-0.6	20	14	8	10	< 50	"
	29	"	0.6-1.0	15	5	7	20	"	"
MV	30	125 ME	0-0.3	50	10	18	10	"	"
	31	"	0.3-0.6	35	100	25	35	20	"
	32	150 ME	0-0.3	< 10	50	10	45	< 50	"
	33	"	0.3-0.6	"	5	13	10	"	"
	34	175 ME	0-0.3	10	250	< 10	50	"	"
	35	"	0.3-0.6	< 10	10	25	10	"	"
	36	200 ME	0-0.3	10	33	20	10	"	"
	37	"	0.3-0.6	20	10	15	10	"	"
MV	38	M.V.1 200 ME	0-6-1.0	< 10	11	13	5	< 50	< 50
	39	225 ME	0-0.3	"	38	15	32	"	"
	40	250 ME	0-0.3	"	20	10	20	"	"
	41	"	0.3-0.6	"	9	18	14	"	"
	42	275 ME	0-0.3	"	30	10	22	"	"
	43	"	0.3-0.6	"	20	9	23	"	"
	44	"	0.6-1.0	15	19	7	19	"	"
	45	300 ME	0-0.3	10	36	3	44	"	"
	46	325 ME	0-0.3	< 10	25	10	25	"	"
	47	350 ME	0-0.3	25	7	18	55	"	"
	48	375 ME	0-0.3	< 10	20	10	20	"	"
	49	"	0.3-0.6	"	13	7	22	"	"
	50	"	0.6-1.0	10	125	10	35	< 10	"
	51	400 ME	0-0.3	< 10	10	9	18	< 50	"
	52	"	0.3-0.45	240	10	7	20	"	"

RENISON LIMITED

041

572042

	SAMPLE NO.	MISTY VALLEY LOCATION	DEPTH (m)	ASSAYS (p.p.m.) Sn	Cu	Pb	Zn	Ni	As
M.V.	53	M.V.L. 425 ME	0-0.3	30	15	7	30	< 50	< 50
	54	"	0.3-0.6	< 10	10	3	15	"	"
	55	"	0.6-1.0	"	16	15	20	"	"
	56	450 ME	0-0.3	40	60	< 10	30	< 10	"
	57	"	0.3-0.6	25	20	"	10	< 50	"
	58	475 ME	0-0.3	< 10	23	"	15	"	"
	59	"	0.3-0.45	"	26	"	15	"	"
	60	500 ME	0-0.3	"	15	"	15	"	"
	61	"	0.3-0.6	25	15	"	10	"	"
	62	"	0.6-0.8	25	20	"	9	"	"
	63	525 ME	0-0.3	< 10	72	11	31	"	"
	64	"	0.3-0.6	30	20	< 10	15	"	"
	65	"	0.6-0.8	10	25	4	< 15	< 50	"
	66	550 ME	0-0.3		Missing				
	67	"	0.3-0.6	< 10	18	< 10	10	< 10	"
	68	575 ME	0-0.3	25	170	15	35	"	"
	69	600 ME	0-0.3	20	18	< 10	20	"	"
	70	625 ME	0-0.3	60	450	60	125	10	"
	71	650 ME	0-0.3	20	80	20	55	< 10	"
	72	675 ME	0-0.3	175	180	65	60	25	"
	73	700 ME	0-0.3	60	7	< 10	7	< 10	"
	74	725 ME	0-0.3	< 10	13	"	29	"	"
MV	75	M.V.1 725 ME	0.3-0.6	25	32	10	20	< 10	< 50
	76	750 ME	0-0.3	100	64	< 10	130	"	"
	77	775 ME	0-0.3	15	24	"	20	"	"
	78	800 ME	0-0.15	2000	30	"	35	"	"
	79	825 ME	0-0.3	20	50	"	45	"	"
MV	80	850 ME	0-0.3	1300	40	"	26	"	"
	81	875 ME	0-0.3	220	15	"	17	"	"
	82	"	0.3-0.6	15	< 10	"	45	"	"
	83	"	0.6-1.0	70	18	"	11	"	"
	84	900 ME	0-0.3	15	15	"	14	"	"
	85	"	0.3-0.6	20	< 10	"	25	"	"
	86	925 ME	0-0.3	70	30	"	27	"	"
	87	950 ME	0-0.3	< 10	20	"	19	"	"
	88	"	0.3-0.6	20	15	"	60	"	"
	89	975 ME	0-0.3	35	60	"	30	"	"
MV	90	"	0.3-0.45	70	20	"	20	"	"
	91	1000 ME	0-0.15	200	30	"	30	"	"
	92	1025 ME	0-0.3	80	20	"	14	"	"
	93	"	0.3-0.45	90	5	"	20	"	"
	94	1050 ME	0-0.3	160	13	"	15	"	"
	95	1075 ME	0-0.3	15	31	"	15	"	"
	96	"	0.3-0.45	20	16	"	5	"	"

RENISON LIMITED

042

572043

	SAMPLE NO.	MISTY VALLEY LOCATION	DEPTH (m)	ASSAYS (p.p.m.) Sn	Cu	Pb	Zn	Ni	As
	97	1100 ME	0-0.3	<10	20	10	15	10	50
	98	1125 ME,	0-0.3	<10	20	"	30	"	"
	99	"	0.3-0.45	120	74	"	20	"	"
MV	100	1150 ME	0-0.3	360	40	"	35	"	"
MV	101	MV1 600 ME	0-0.3	30	<10	<25	40	<10	<50
	2	Resampling 625 ME	0-0.3	<10	10	"	50	"	"
	3	"	0.3-0.5	45	20	"	50	"	"
	4	650 ME	0-0.3	80	10	40	60	10	"
	5	675 ME	Surface	60	10	70	40	20	"
	6	"	0-0.1	70	20	50	70	20	"
	7	700 ME	0-0.3	45	<10	<25	30	<10	"
	8	725 ME	0-0.2	25	"	"	30	"	"
	9	750 ME	0-0.2	20	"	"	30	"	"
MV	110	775 ME	0-0.1	15	10	"	30	"	"
	1	800 ME	0-0.1	10	<10	"	30	"	"
	2	825 ME	0-0.15	<10	10	50	30	"	90
	3	850 ME	0-0.1	"	10	<25	40	"	<50
	4	875 ME	0-0.3	25	<10	"	20	"	"
	5	"	0.3-0.5	60	"	"	70	"	"
	6	900 ME	0-0.3	30	"	"	20	"	"
	7	"	0.3-0.7	40	"	"	20	"	"
	8	925 ME	0-0.1	35	"	40	30	"	"
	9	950 ME	0-0.3	45	"	<25	20	"	"
MV	120	"	0.3-0.6	50	"	"	30	10	"
	1	975 ME	0-0.3	15	"	"	30	10	"
	2	"	0.3-0.4	20	10	"	30	<10	"
	3	1000 ME	0-0.2	40	<10	"	30	"	"
MV	201	MV2 600 ME	0-0.3	60	20	<25	15	<10	<50
	2	"	0.3-0.4	80	20	"	15	"	"
	3	625 ME	0-0.3	120	25	"	30	"	"
	4	"	0.3-0.5	90	20	"	35	"	"
	5	650 ME	0-0.3	35	10	"	30	"	"
	6	"	0.3-0.45	45	10	"	<10	"	"
	7	675 ME	0-0.25	35	10	"	15	"	"
	8	700 ME	0-0.2	140	10	"	30	"	"
	9	725 ME	0-0.3	120	10	"	35	"	"
MV	210	750 ME	0-0.3	70	10	"	15	"	"
	1	775 ME	0-0.3	<10	<10	"	15	"	"
	2	"	03-0.45	"	"	"	10	"	"
	3	800 ME	0-0.3	10	"	"	<10	"	"
	4	"	0.3-0.6	<10	"	"	15	"	"
	5	"	0.6-0.9	35	45	"	<10	"	50
	6	825 ME	0-0.3	<10	10	30	15	"	90
	7	"	0.3-0.5	"	<10	<25	<10	"	<50

RENISON LIMITED

043

572044

SAMPLE NO.	MISTY VALLEY LOCATION	DEPTH (m)	ASSAYS (p.p.m.) Sn	Cu	Pb	Zn	Ni	As
8	850 ME	0-0.25	<10	<10	<25	<10	<10	<50
9	875 ME	0-0.3	15	"	"	10	"	"
MV 220	900 ME	0-0.3	10	"	"	<10	"	"
1	"	0.3-0.5	30	"	"	"	"	"
2	925 ME	0-0.3	<10	"	"	10	"	60
3	"	0.3-0.6	"	"	"	10	"	50
4	"	0.6-0.9	"	"	"	10	"	<50
5	950 ME	0-0.3	"	"	"	20	"	100
6	"	0.3-0.5	"	"	"	<10	"	<50
7	975 ME	0-0.3	20	"	"	10	10	"
8	"	0.3-0.4	15	"	"	<10	"	"
9	1000 ME	0-0.2	25	"	"	"	"	"
MV 230	575 ME	0-0.3	25	"	"	"	"	"
1	"	0.3-0.6	15	"	"	"	"	"
2	550 ME	0-0.3	30	"	"	"	"	"
3	"	0.3-0.6	15	"	"	"	"	"
3A	525 ME	0-0.3	20	"	"	"	"	"
4	500 ME	0-0.25	10	"	"	"	"	"
5	475 ME	0-0.25	10	"	"	"	"	"
6	450 ME	0-0.3	<10	"	"	15	"	"
7	425 ME	0-0.3	"	"	"	10	"	"
MV 238	400 ME	0-0.15	50	20	<25	40	<10	<50
9	375 ME	0-0.3	30	50	"	60	"	"
MV 240	"	0.3-0.6	45	80	"	80	"	"
1	350 ME	0-0.2	50	10	"	30	"	"
2	325 ME	0-0.15	<10	<10	"	10	"	"
3	300 ME	0-0.3	"	"	"	<10	"	"
4	"	0.3-0.6	10	"	"	10	"	"
5	"	0.6-0.7	20	"	"	60	"	"
6	275 ME	0-0.2	25	"	"	<10	10	"
7	250 ME	0-0.3	<10	"	"	"	<10	"
MV 248 (a)	"	0.3-0.4	35	"	"	10	"	"
248 (b)	225 ME	0-0.3	10	"	"	<10	"	"
9	"	0.3-0.5	30	"	"	30	"	"
MV 250	200 ME	0-0.3	10	"	"	<10	"	"
1	"	0.3-0.5	35	20	<25	40	<10	<50
2	175 ME	0.0-0.3	45	<10	"	30	"	"
3	"	0.3-0.5	40	"	"	20	"	"
4	150 ME	0-0.2	<10	"	"	30	"	"
5	125 ME	0-0.3	30	"	"	20	"	"
6	100 ME	0-0.2	30	"	"	40	"	"
7	75 ME	0-0.3	15	"	"	30	"	"
8	"	0.3-0.4	40	"	"	30	"	"
9	50 ME	0-0.2	20	"	"	30	"	"

RENISON LIMITED

044

572045

SAMPLE NO.	MISTY VALLEY LOCATION	DEPTH (m)	ASSAYS (p.p.m.) Sn	Cu	Pb	Zn	Ni	As
MV 260	25 ME	0-0.3	30	<10	<25	30	10	<50
1	"	0.3-0.4	25	"	"	30	<10	"
2	0 ME	0-0.3	25	10	"	30	"	"
3		0.3-0.5	40	"	"	20	"	"
MV 301	MV3 770 ME	0-0.3	25	<10	<25	70	<10	<50
2	"	0.3-0.45	30	"	"	30	"	"
3	750 ME	0-0.3	20	"	"	30	"	"
4	"	0.3-0.35	30	"	"	20	"	"
5	725 ME	0-0.3	<10	"	"	30	"	"
6	"	0.3-0.6	35	"	25	180	30	"
7	"	0.6-0.7	35	"	<25	20	<10	"
8	700 ME	0-0.3	10	"	"	30	"	"
9	"	0.3-0.6		Missing				
MV 310	"	0.6-1.0	45	20	<25	60	10	<50
1	"	1.0-1.2	60	20	"	20	<10	"
2	"	1.2-1.3	50	20	60	400	80	"
3	675 ME	0-0.3	25	<10	<25	20	<10	"
4	"	0.3-0.4	35	"	"	20	"	"
5	650 ME	0-0.3	15	"	"	30	"	"
6	"	0.3-0.35	40	"	"	30	"	"
7	625 ME	0-0.3	<10	"	"	30	"	"
8	"	0.3-0.4	25	"	"	30	"	"
9	600 ME	0-0.3	25	"	"	30	"	"
MV 320	"	0.3-0.55	45	"	"	30	"	"
1	575 ME	0-0.25	60	<10	"	10	"	"
2	550 ME	0-0.1	<10	10	"	40	"	60
3	525 ME	0-0.15	35	<10	"	10	"	<50
4	500 ME	0-0.2	25	"	"	10	"	"
5	475 ME	0-0.1	<10	"	"	30	10	"
6	450 ME	0-0.3	10	"	"	20	<10	"
7	"	0-0.35	25	10	70	40	20	180
8	425 ME	0-0.3	40	<10	<25	10	<10	<50
9	"	0.3-0.45	45	"	"	<10	"	"
MV 330	400 ME	0-0.3	25	"	"	10	10	"
1	"	0.3-0.4	45	"	"	10	10	"
2	375 ME	0-0.3	10	"	"	10	10	60
3	"	0.3-0.5	35	"	"	10	<10	<50
4	350 ME	0-0.3	<10	<10	<25	40	20	60
5	"	0.3-0.5	20	20	"	50	100	50
6	325 ME	0-0.15	35	10	"	50	30	"
7	300 ME	0-0.3	<10	<10	40	40	50	120
MV 338	MV3 300 ME	0.3-0.6	35	<10	<25	50	40	<50
9	275 ME	0-0.25	15	20	"	20	10	"
MV 340	250 ME	0-0.3	45	10	"	10	10	"

RENISON LIMITED

045

572046

SAMPLE NO.	MISTY VALLEY LOCATION	DEPTH (m)	ASSAYS (p.p.m.) Sn	Cu	Pb	Zn	Ni	As
1	250 ME	0.3-0.6	50	10	<25	10	<10	<50
2	"	0.6-1.0	60	100	"	60	20	"
3	"	1.0-1.1	70	10	"	30	<10	"
4	225 ME	0-0.3	<10	10	30	50	"	120
5	"	0.3-0.55	25	10	<25	40	"	<50
6	200 ME	0-0.3	<10	<10	"	40	"	60
7	"	0.3-0.35	30	10	"	30	10	<50
8	175 ME	0-0.3	35	10	"	30	<10	"
9	"	0.3-0.45	60	20	"	60	"	"
MV 350	150 ME	0-0.1	45	10	"	40	"	"
1	125 ME	0-0.15	40	<10	"	40	"	"
2	100 ME	0-0.3	40	<10	25	30	10	"
3	"	0.3-0.4	60	"	"	40	10	"
4	75 ME	0-0.3	25	40	"	50	<10	"
5	"	0.3-0.6	Missing					
6	50 ME	0-0.3	50	<10	<25	30	<10	"
7	"	0.3-0.4	35	"	"	30	"	"
8	25 M	0-0.3	60	"	"	50	"	"
9	"	0.3-0.4	50	"	"	40	"	"
MV 401	MV4 25 ME	0-0.3						
2	"	0.3-0.45						
3	50 ME	0-0.3						
4	"	0.3-0.6						
5								
6	650 ME	0-0.3	90	60	<25	70	20	<50
7	625 ME	0-0.15	60	10	"	50	10	"
8	600 ME	0-0.15	60	10	"	50	10	"
9	575 ME	0-0.1	35	10	"	50	20	"
MV 410	550 ME	0-0.1	40	10	"	60	<10	"
1	525 ME	0-0.15	25	20	"	50	20	"
2	500 ME	0-0.1	40	10	30	50	10	"
3	475 ME	0-0.3	35	10	25	40	10	"
4	"	0.3-0.5	50	10	<25	50	30	"
5	450 ME	0-0.2	45	<10	"	30	<10	"
6	425 ME	0.4-0.6	60	"	"	40	"	"
7	400 ME	0-0.3	45	"	"	30	"	"
8	"	0.3-0.6	60	"	"	70	10	"
9	375 ME	0-0.2	40	"	"	30	<10	"
MV 420	350 ME	0-0.3	30	"	"	30	"	"
1	"	0.3-0.6	40	10	"	70	"	"
2	325 ME	0-0.3	45	<10	"	30	"	"
3	"	0.3-0.6	40	"	30	30	"	"
4	"	0.6-0.9	45	10	130	30	"	80
5	"	0.9-1.1	40	10	30	50	"	150

046

572047

SAMPLE NO.	MISTY VALLEY LOCATION	DEPTH (m)	ASSAYS (p.p.m.) Sn	Cu	Pb	Zn	Ni	As
6	300 ME	0-0.25	25	< 10	< 25	30	10	50
7	275 ME	0-0.3	40	"	"	40	"	"
8	"	0.3-0.4	25	10	"	30	"	"
9	250 ME	0-0.1	25	10	"	40	"	"
MV 430	225 ME	0-0.15	40	< 10	"	50	"	"
1	200 ME	0-0.1	50	10	"	60	"	"
2	175 ME	0-0.15	35	< 10	"	40	"	50
3	150 ME	0-0.3	< 10	"	"	30	"	50
4	125 ME	0-0.15	15	"	"	40	"	< 50
5	100 ME	0-0.3	40	"	"	30	"	"
6	"	0.3-0.6	50	10	"	50	"	"
7	75 ME	0-0.3	40	< 10	"	30	"	"
MV 501	700 MN	0-0.15	45	40	< 25	100	10	< 50
2	675 MN	0-0.2	45	60	"	70	< 10	"
3	650 MN	0-0.3	40	80	50	50	10	"
4	625 MN	0-0.15	40	40	25	50	20	"
5	600 MN	0-0.15	45	30	25	50	20	60
6	575 MN	0-0.2	20	50	< 25	50	20	< 50
7	550 MN	0-0.3	45	50	50	50	10	70
8	"	0.3-0.4	30	40	50	100	< 10	60
9	525 MN	0-0.25	35	20	40	80	"	60
MV 510	500 MN	0-0.25	< 10	10	< 25	30	"	< 50
1	475 MN	0-0.2	35	30	"	30	"	"
2	450 MN	0-0.3	20	< 10	"	30	"	"
3	425 MN	0-0.2	30	"	"	30	"	"
4	400 MN	0-0.25	15	"	"	30	"	"
5	375 MN	0-0.25	< 10	"	"	30	"	"
6	350 ME	0-0.3	25	"	"	30	"	"
7	"	0.3-0.45	25	"	"	20	"	"
8	325 ME	0-0.3	< 10	"	"	30	"	"
9	300 ME	0-0.3	15	"	"	30	"	"
MV 520	275 ME	0-0.3	10	"	"	30	10	"
1	250 ME	0-0.3	120	30	25	40	10	100
2	"	0.3-0.5	70	20	40	40	< 10	70
3	225 ME	0-0.2	20	< 10	< 25	40	"	< 50
4	200 ME	0-0.2	30	"	"	40	"	"
5	175 ME	0-0.3	< 10	"	"	30	"	"
6	150 ME	0-0.3	15	20	"	30	"	"
7	125 ME	0-0.3	20	20	"	30	"	"
8	"	0.3-0.6	45	30	40	40	"	50
9	"	0.6-1.0	60	30	50	40	"	50
MV 530	"	1.0-1.3	45	50	30	30	"	50
1	"	1.3-1.45	60	90	< 25	30	"	< 50
2	100 ME	0-0.3	45	30	"	30	"	50
3	75 ME	0-0.3	15	20	"	30	10	< 50

SAMPLE NO.	MISTY VALLEY LOCATION	DEPTH (m)	ASSAYS (p.p.m.) Sn	Cu	Pb	Zn	Ni	As
4	50 ME	0-0.3	80	20	< 25	20	∠10	< 50
5	25 ME	0-0.15	90	10	"	30	"	100
6								
7								
MV 601	25 ME	0-0.3	40	20	∠25	30	∠10	∠ 50
2	"	0.3-0.5	50	20	"	30	"	"
3	50 ME	0-0.15	60	10	"	30	"	50
4	75 ME	0-0.3	40	10	"	30	"	∠ 50
5	"	0.3-0.45	45	10	"	50	10	"
6	100 ME	0-0.3	45	10	"	30	∠10	"
7	"	0.3-0.45	60	20	"	40	10	"
8	125 ME	0-0.3	60	20	25	60	10	50
9	"	0.3-0.45	50	20	∠25	40	∠10	∠ 50
MV 610	150 ME	0-0.3	50	10	25	30	"	"
1	"	0.3-0.6	70	30	30	40	"	"
2	"	0.6-0.85	80	60	30	50	30	60
3	175 ME	0-0.15	50	10	∠25	40	∠10	∠ 50
4	200 ME	0-0.3	30	20	"	40	10	"
5	"	0.3-0.6	35	20	50	30	∠10	"
6	"	0.6-1.0	45	20	30	30	"	"
7	"	1.0-1.4	40	10	∠ 25	20	"	"
8	225 ME	0-0.3	40	20	"	30	10	"
9	"	0.3-0.6	50	30	"	30	<10	"
MV 620	"	0.6-0.8	70	40	"	30	"	50
1	250 ME	0-0.1	50	30	"	40	"	∠ 50
2	275 ME	0-0.3	35	40	25	30	20	"
3	"	0.3-0.45	60	40	∠25	40	10	"
4	300 ME	0-0.15	45	40	"	30	20	"
5	325 ME	0-0.2	45	40	"	30	10	"
6	350 ME	outcrop	120	120	"	80	30	60
7	375 ME	0-0.1	40	40	"	30	∠ 10	∠ 50
8	400 ME	0-0.15	60	30	"	30	∠ 10	"
9	425 ME	0-0.3	70	20	"	40	"	50
MV 630	"	0.3-0.6	60	30	"	30	"	60
1	"	0.6-0.9	70	40	"	20	"	90
2	"	0.9-1.2	70	30	"	20	10	80
3	"	1.2-1.4	60	60	"	20	∠10	120
4	450 ME	0-0.15	60	40	"	40	50	∠ 50
5	475 ME	0-0.3	45	30	"	40	20	50
6	"	0.3-0.6	70	70	"	100	20	70
7	"	0.6-1.0	60	110	"	90	30	60
MV 638	475 ME	1.0-1.2	70	170	∠25	180	70	50
39	500 ME	0-0.15	40	30	30	30	∠10	∠50
40	525 ME	0-0.2	45	50	40	60	10	50
MV 701	MV7 25 ME	0-0.2	20	10	∠ 25	50	10	∠ 50

SAMPLE NO.	MISTY VALLEY LOCATION	DEPTH(m)	ASSAYS (p.p.m.) Sn	Cu	Pb	Zn	Ag	Au
2	50 ME	0-0.3	45	<10	25	50	<10	60
3	75 ME	0-0.15	30	10	"	40	"	<50
4	100 ME	0-0.25	<10	20	"	60	"	"
5	125 ME	0-0.2	10	40	"	50	"	"
6	150 ME	0-0.3	<10	20	"	40	"	70
7	175 ME	0-0.3	60	20	25	30	10	<50
8	"	0.3-0.6	60	40	30	30	<10	90
9	"	0.6-0.85	45	40	60	30	10	120
MV 710	200 ME	0-0.15	30	20	<25	20	<10	50
11	225 ME	0-0.3	35	20	25	20	"	80
12	"	0.3-0.45	35	30	<25	20	"	90
13	250 ME	0-0.3	45	20	"	20	20	60
14	"	0.3-0.6	45	20	"	20	<10	60
15	"	0.6-0.9	40	30	"	30	10	60
16	275 ME	0-0.3	60	30	"	100	70	70
17	"	0.3-0.5	70	20	"	340	100	70
18	300 ME	0-0.1	40	20	"	40	10	<50
19	325 ME	0-0.1	100	10	"	30	10	50
MV 720	350 ME	0-0.3	35	20	50	50	20	<50
21	"	0.3-0.5	50	30	25	50	10	70
22	375 ME	0-0.1	45	30	40	60	30	60
23	400 ME	0-0.3	70	40	<25	100	40	70
24	"	0.3-0.35	60	40	25	80	30	80
25	425 ME	0-0.3	35	50	25	70	10	<50
6	"	0.3-0.6	30	60	<25	70	20	"
7	450 ME	0-0.3	20	60	"	60	20	"
8	"	0.3-0.4	35	70	"	80	30	"
9	475 ME	0-0.1	30	50	"	60	20	"
MV 730	500 ME	0-0.2	40	50	"	50	20	"
1	525 ME	0-0.15	10	50	"	60	20	"
2	550 ME	0-0.1	35	120	"	60	20	"
3	575 ME	0-0.1	40	70	50	50	10	"
4	600 ME	0-0.15	45	30	30	50	20	"

049

Grab Sampling - Ironstone Area - Misty Valley Anomaly 572050

	SAMPLE NO.	LOCATION	ROCK SAMPLE	ASSAYS (p.p.m.) Sn	Cu	Pb	Zn	Ni	As
MVR	001	MV1 650m E	Ironstone	35	10	30	< 30	< 10	80
	002	dozer track 10m NW	"	45	< 10	20	30	10	80
	003	20m NW	"	40	< 10	30	30	10	< 50
	004	30m NW	"	70	< 10	< 25	30	10	"
	005	40m NW	"	40	< 10	< 25	40	10	"
	006	50m NW	"	40	< 10	< 25	< 50	< 10	"
	007	60m NW	"	50	< 10	< 25	70	10	"
	008	70m NW	"	35	< 10	< 25	40	< 10	"
	009	80m NW	"	40	10	30	30	< 10	"
	010	90m NW	"	60	10	< 25	40	10	50
	011	100m NW	"	45	< 10	< 25	30	10	< 50
	012	110m NW	"	< 10	10	< 25	30	< 10	"
	013	50m E of MVR 018	"	35	10	50	200	30	< 50
	014	40m E of MVR 013	"	60	10	30	60	40	"
	015	20m NW of MVR 014	"	50	< 10	50	60	40	"
	016	10m NW of MVR 015	"	30	< 10	30	150	20	70
	017	180m SE of end of road	"	40	10	70	90	10	80
	018	200m NW of MV1 650m E	"	45	< 10	< 25	130	10	< 50
	019	210m "	"	45	10	< 25	90	30	"
	020	line 170 N 100m SE of end of road	"	80	20	50	180	40	60
	021	" 110m SE	"	30	20	70	270	30	80
	022	" 120m SE	"	60	140	150	90	40	140
	023	" 130m SE	"	40	20	90	80	10	100
	024	" 140m SE	"	35	10	100	90	20	100
	025	" 150m SE	"	35	< 10	120	< 80	< 10	70
	026	" 160m SE	"	30	10	350	60	10	140
	027	" 170m SE	"	30	10	150	80	20	100
MV	237 a	MV2 425m E	Ironstone	45	10	220	50	20	100
	b	" "	"	70	10	220	50	20	90
	c	" "	"	50	10	220	40	20	80

050

572051

ORIENTATION SURVEY

MT. LINDSAY GRID

Note: Samples sieved into three fractions +10#, -10+85# and -85#

Cu, Zn, Bi and Mo determined by A.A.S.

As, Pb, W. and Sn determined by X.R.F.

Samples plotted on profiles -85# fraction in sample closest to bedrock.

051

572052

Sample No	Location + Depth	# Slope factor	Cu	Zn	Bi	Mo	As	Pb	W	Sn
001	[illegible] 2150N	+10	5	5	<10	<3	5	<4	10	4
	0-0.3m	-10 +85	5	15	"	"	7	6	10	4
		-85	10	20	"	4	6	14	15	8
002	2125N	+10	10	12	"	<3	28	12	<10	42
	0-0.3m	-10 +85	5	8	"	3	6	10	"	50
		-85	10	18	"	3	10	20	30	38
003	2100N	+10	28	22	"	3	38	14	15	30
	0-0.3m	-10+85	28	25	"	3	34	10	<10	26
		+85	35	32	"	3	36	14	10	29
004	2075N	+10	32	28	"	3	36	14	10	18
	0-0.3m	-10 +85	30	32	"	3	34	12	<10	26
		-85	46	48	"	3	36	18	15	24
005	2075N	+10	25	20	"	<3	34	10	<10	20
	0.3-0.6m	-10 +85	32	25	"	3	42	12	"	22
		-85	45	42	"	3	44	18	"	24
006	2050N	+10	30	35	"	4	30	12	<10	8
	0-0.3m	-10 +85	28	35	"	4	24	12	"	6
		-85	38	45	"	3	24	12	"	12
007	2050N	+10	28	28	"	4	40	10	10	12
	0.3-0.6m	-10+85	25	32	"	3	26	10	<10	10
		-85	38	50	"	4	26	16	10	16
008	2050N	+10	25	30	"	3	26	12	<10	12
	0.6-0.9m	-10+85	20	28	"	<3	24	12	"	14
		-85	38	50	"	3	42	18	10	18
009	2025N	+10	10	12	"	4	14	12	10	8
	0-0.3m	-10+85	8	12	"	<3	12	18	<10	10
		-85	18	25	"	3	30	18	10	20
010	2025N	+10	12	10	"	3	34	18	<10	10
	0.3-0.6m	-10 +85	12	15	"	3	28	20	"	8
		-85	22	28	"	4	48	28	15	40
011	2025N	+10	18	15	"	4	48	16	<10	8
	0.6-1.0m	-10+85	25	20	"	<3	60	22	"	<4
		-85	42	38	"	6	100	28	20	4
012	2025N	+10	25	15	"	4	50	16	10	6
	1.0-1.3m	-10 +85	28	18	"	3	65	18	<10	6
		-85	55	35	"	6	125	30	20	8

052

572053

Sample No	location and depth	Size fraction	Cu	Zn	Bi	Mo	As	Pb	W	Sn
013	ML.14 2000mN	+10	50	32	<10	3	50	44	20	42
	0-0.3m	-10 +85	48	30	"	3	48	10	20	38
		-85	50	38	"	5	40	14	20	34
014	1975mN	+10	45	120	"	3	80	12	<10	50
	0-0.3m	-10 +85	39	48	"	3	46	10	"	32
		-85	38	50	"	3	44	12	"	34
015	1975mN	+10	60	30	"	3	90	12	"	110
	0.3-0.6m	-10 +85	48	32	"	<3	80	10	"	90
		-85	42	30	"	<3	55	10	"	65
016	1950mN	+10	50	35	"	4	22	14	"	8
	0-0.3m	-10 +85	48	35	"	<3	22	10	"	10
		-85	50	40	"	3	22	12	"	6
017	1925mN	+10	50	25	"	3	48	12	"	10
	0-0.3m	-10 +85	45	28	"	3	16	14	"	6
		-85	48	32	"	<3	20	12	"	10
018	1900mN	+10	48	25	"	3	15	16	"	<4
	0-0.3m	-10 +85	42	28	"	3	16	12	"	4
		-85	45	45	"	3	15	14	"	<4
019	1875mN	+10	50	25	"	4	125	14	"	40
	0-0.3m	-10 +85	45	28	"	<3	"	12	"	10
		-85	45	30	"	3	10	14	"	<4
020	ML.14 1850mN	+10	50	28	"	4	6	14	"	<4
	0-0.3m	-10 +85	42	22	"	<3	4	14	"	<4
		-85	45	30	"	3	16	12	"	28
021	ML.13 2400mN	+10	55	38	"	6	13	18	"	10
	0-0.3m	-10 +85	55	35	"	3	17	18	"	6
		-85	60	42	"	4	18	18	"	8
022	2400mN	+10	90	48	"	5	30	12	"	6
	0.3-0.6m	-10 +85	90	45	"	3	22	14	"	6
		-85	95	55	"	4	22	14	"	6
023	2400mN	+10	110	65	"	5	18	12	"	8
	0.6-0.8m	-10 +85	110	110	"	3	18	14	"	14
		-85	110	85	"	3	17	14	"	6
024	2375mN	+10	42	28	"	4	18	8	"	<4
	0-0.3m	-10 +85	42	28	"	3	18	12	"	4
		-85	50	32	"	3	13	16	"	6

053

572054

Sample No	Location + Depth	# Size Fraction	Cu	Zn	Bi	Mo	As	Pb	W	Sn
025	11.2.13 2375mN	+10	50	35	<10	5	20	18	10	8
	0.3 - 0.6m	-10 +85	55	32	"	<3	18	20	<10	6
		-85	65	40	"	5	15	12	"	4
026	2375mN	+10	95	50	"	5	19	12	<10	<4
	0.6 - 1.0m	-10 +85	80	45	"	3	19	14	"	"
		-85	95	60	"	5	16	14	"	12
027	2375mN	+10	80	45	"	4	19	14	"	8
	1.0 - 1.3m	-10 +85	80	40	"	3	24	18	"	4
		-85	85	45	"	4	20	16	"	8
028	2350mN	+10	55	45	"	5	14	10	10	10
	0 - 0.3m	-10 +85	55	38	"	3	18	12	<10	4
		-85	65	50	"	3	20	16	"	12
029	2350mN	+10	42	35	"	5	17	8	<10	8
	0.3 - 0.6m	-10 +85	60	38	"	3	24	12	"	4
		-85	60	50	"	4	17	10	"	6
030	2350mN	+10	100	45	"	5	34	4	"	12
	0.6 - 1.0m	-10 +85	85	45	"	3	20	12	"	<4
		-85	95	55	"	4	20	14	"	4
031	2350mN	+10	90	55	"	5	16	8	"	10
	1.0 - 1.15m	-10 +85	110	55	"	4	22	12	"	26
		-85	110	65	"	3	17	14	"	6
032	2325mN	+10	45	40	"	5	17	6	"	6
	0 - 0.3m	-10 +85	42	35	"	4	18	12	"	4
		-85	48	45	"	3	16	16	"	12
033	2325mN	+10	50	42	"	5	16	4	10	14
	0.3 - 0.6m	-10 +85	55	45	"	3	20	12	<10	55
		-85	55	55	"	4	18	12	10	12
034	2300mN	+10	55	42	"	8	26	6	<10	14
	0 - 0.3m	-10 +85	55	35	"	<3	24	14	"	12
		-85	55	40	"	3	19	12	"	10
035	2300mN	+10	60	42	"	6	24	8	"	16
	0.3 - 0.6m	-10 +85	60	38	"	3	24	14	"	14
		-85	65	45	"	3	30	12	"	10
036	2300mN	+10	75	65	"	5	24	14	"	12
	0.6 - 1.0m	-10 +85	85	70	"	3	44	12	"	40
		-85	90	80	"	4	26	12	"	8

054

572055

Sample No	Location + Depth	Sieve Fraction	Cu	Zn	Bi	Mo	As	Pb	W	Sn
037	M.L. 13 2275mN	+10	48	38	<10	5	26	16	<10	18
	0-0.3m	-10 +85	48	38	"	<3	32	18	"	20
		-85	50	45	"	3	26	14	"	16
038	2275mN	+10	55	40	"	6	30	8	10	22
	0.3-0.6m	-10 +85	50	38	"	3	28	12	10	16
		-85	55	42	"	4	26	16	<10	18
039	2250mN	+10	55	38	"	6	40	12	<10	38
	0-0.3m	-10 +85	55	35	"	3	44	10	"	46
		-85	55	38	"	5	42	16	"	32
040	2250mN	+10	65	45	"	6	60	12	"	48
	0.3-0.6m	-10 +85	60	50	"	<3	60	12	"	40
		-85	65	65	"	3	55	14	"	40
041	2250mN	+10	80	55	"	6	70	6	"	55
	0.6-1.0m	-10 +85	75	60	"	3	70	14	10	42
		-85	80	55	"	5	60	14	10	42
042	2225mN	+10	70	38	"	5	50	12	<10	28
	0-0.3m	-10 +85	65	35	"	3	60	14	"	34
		-85	70	40	"	4	60	14	"	38
043	2225mN	+10	85	40	"	4	60	8	10	32
	0.3-0.6m	-10 +85	75	42	"	3	65	14	<10	26
		-85	80	55	"	3	44	14	"	22
044	2200mN	+10	65	42	"	5	50	14	<10	42
	0-0.3m	-10 +85	65	42	"	<3	60	14	"	42
		-85	65	55	"	3	50	14	"	44
045	2200mN	+10	60	48	"	5	55	6	"	44
	0.3-0.35m	-10 +85	60	80	"	3	60	12	"	44
		-85	70	75	"	4	55	14	"	48
046	2175mN	+10	470	140	15	4	1950	10	55	850
	0-0.3	-10 +85	320	90	10	<3	800	10	75	1750
		-85	320	75	<10	3	390	20	95	2650
047	2150mN	+10	42	38	"	5	8	8	10	16
	0-0.3m	-10 +85	38	35	"	<3	13	8	<10	12
		-85	42	42	"	3	13	8	"	18
048	2150mN	+10	45	40	"	5	16	8	<10	22
	0.3-0.6m	-10 +85	42	40	"	3	16	6	"	16
		-85	48	50	"	4	17	14	"	18

055

572056

Sample No	Location and Depth	Sieve Fraction	Cu	Zn	Bi	Mo	As	Pb	W	Sn
049	M.L.13 2150mN	+10	55	50	<10	5	20	12	<10	14
	0.6m-1.0m	-10 +85	50	48	"	<3	14	10	"	14
		-85	55	65	"	4	14	10	"	16
050	2150mN	+10	90	70	"	5	18	8	<10	30
	1.0-1.15m	-10 +85	80	70	"	<3	24	8	"	22
		-85	90	85	"	3	26	14	10	95
051	2125mN	+10	60	35	"	5	100	12	10	26
	0-0.3m	-10 +85	50	35	"	<3	18	14	<10	20
		-85	55	42	"	4	22	10	"	18
052	2125mN	+10	60	33	"	5	24	10	<10	12
	0.3-0.6m	-10 +85	60	40	"	3	22	14	"	20
		-85	65	50	"	5	24	12	"	24
[illegible]	2125mN	+10	85	50	"	4	32	8	<10	20
	0.6-1.0m	-10 +85	85	55	"	<3	34	8	"	28
		-85	85	65	"	3	32	6	"	24
054	2100mN	+10	85	48	"	4	14	10	"	14
	0-0.3m	-10 +85	80	50	"	<3	12	10	"	18
		-85	85	60	"	4	13	10	"	18
055	2100mN	+10	85	48	"	5	16	8	10	18
	0.3-0.6m	-10 +85	80	49	"	4	14	10	<10	20
		-85	85	55	"	3	18	8	"	32
056	2100mN	+10	85	48	"	4	10	12	<10	10
	0.6-1.0m	-10 +85	85	45	"	4	12	12	"	22
		-85	95	45	"	3	15	8	"	22
057	2100mN	+10	110	50	"	4	10	14	"	16
	1.0-1.3m	-10 +85	100	48	"	4	19	12	"	22
		-85	120	65	"	5	12	10	"	34
058	2075mN	+10	55	35	"	3	18	12	"	70
	0-0.3m	-10 +85	55	35	"	3	18	16	"	26
		-85	60	35	"	4	12	10	"	24
059	2075mN	+10	90	45	"	4	10	10	"	90
	0.3-0.6m	-10 +85	75	45	"	3	12	12	"	28
		-85	90	48	"	4	10	14	"	20
060	2050mN	+10	70	50	"	4	20	8	"	18
	0-0.3m	-10 +85	75	55	"	3	24	12	"	18
		-85	95	75	"	3	20	8	"	14

056

572057

Sample No	Location + Depth	Size Fraction	Cu	Zn	Bi	Mo	As	Pb	W	Sn
061	1+43 2050mN 0.3-0.6m	+10	80	60	<10	4	24	6	<10	14
		-10 +85	90	60	"	4	20	4	"	14
		-85	100	70	"	4	16	"	"	12
062	2050mN 0.6m-0.8m	+10	110	65	"	5	16	4	"	<10
		-10 +85	110	65	"	4	15	8	"	8
		-85	130	75	"	3	14	8	"	8
063	2025mN 0-0.3	+10	110	40	"	5	220	10	"	225
		-10 +85	110	50	"	6	280	14	"	160
		-85	100	48	"	4	260	14	"	155
064	2025mN 0.3-0.6m	+10	120	50	"	5	270	6	10	135
		-10 +85	130	50	"	5	310	8	<10	135
		-85	130	55	"	4	260	16	15	145
0	2025mN 0.6-1.0m	+10	130	55	"	5	320	8	10	230
		-10 +85	140	60	"	3	310	4	10	175
		-85	130	55	"	3	260	12	<10	135
066	2025mN 1.0-1.3m	+10	150	60	"	6	380	8	<10	360
		-10 +85	160	70	"	4	340	10	"	110
		-85	140	70	"	3	360	10	"	100
067	2000mN 0-0.3m	+10	95	38	12	5	260	14	30	690
		-10 +85	100	33	15	3	320	12	25	650
		-85	90	38	15	4	270	10	25	820
068	2000mN 0.3-0.45m	+10	100	38	10	5	220	8	22	470
		-10 +85	110	42	15	<3	330	6	30	955
		-85	120	45	22	3	350	4	30	1050
069	1975mN 0-0.3m	+10	65	30	<10	5	20	10	<10	141
		-10 +85	60	30	"	3	15	16	"	110
		-85	70	35	"	4	144	14	"	90
070	1975mN 0.3-0.45m	+10	48	30	"	4	6	18	"	12
		-10 +85	75	30	"	3	22	12	"	10
		-85	80	38	"	3	18	8	"	24
071	1950mN 0-0.3m	+10	75	30	"	4	26	12	"	14
		-10 +85	70	32	"	3	14	10	"	8
		-85	75	35	"	3	16	12	"	12
072	1950mN 0.3-0.45m	+10	70	30	"	5	10	4	"	14
		-10 +85	80	30	"	3	19	4	"	18
		-85	80	35	"	4	17	6	"	14

057

572058

Sample No	Location and Depth	Sieve Fraction #	Cu	Zn	Bi	Mo	As	Pb	W	Sn
073	M.L.13 1925mN	+10	42	22	<10	3	4	10	<10	<4
	0-0.3m	-10 +85	38	28	"	<3	6	16	"	6
		-85	35	30	"	3	7	14	"	8
074	1925mN	+10	42	22	"	3	4	6	"	6
	0.3-0.45	-10 +85	43	20	"	3	7	4	"	6
		-85	50	30	"	<3	9	8	"	12
075	M.L.13 1900mN	+10	38	38	"	4	6	18	"	<4
	0-0.3m	-10 +85	45	32	"	3	"	18	"	8
		-85	50	40	"	<3	3	20	"	4
076	M.L.14 1950mN	+10	50	35	"	5	24	8	"	6
	0-0.3m	-10 +85	48	32	"	3	19	14	"	4
		-85	50	28	"	4	20	14	"	6
0	1950mN	+10	70	38	"	4	20	14	10	4
	0.3-0.6m	-10 +85	60	38	"	3	24	14	<10	8
		-85	65	35	"	4	24	12	"	4
078	1950mN	+10	80	45	"	5	26	12	<10	8
	0.6-0.8m	-10 +85	75	45	"	3	28	14	"	8
		-85	75	45	"	3	28	16	"	10
079	1925mN	+10	50	35	"	4	26	12	10	10
	0-0.3m	-10 +85	43	28	"	3	22	10	<10	4
		-85	50	25	"	3	34	14	"	10
080	1925mN	+10	50	25	"	4	20	14	<10	8
	0.3-0.45	-10 +85	55	25	"	<3	24	14	"	<4
		-85	55	35	"	5	22	14	"	6
081	1900mN	+10	45	22	"	4	16	12	"	<4
	0-0.3m	-10 +85	42	22	"	<3	"	12	"	6
		-85	45	22	"	6	16	12	"	<4
082	1900mN	+10	70	25	"	3	24	12	"	6
	0.3-0.45m	-10 +85	55	22	"	<3	22	12	10	12
		-85	60	30	"	4	20	10	<10	<4
083	1875mN	+10	80	22	"	3	19	12	"	<4
	0-0.3m	-10 +85	60	22	"	3	22	12	"	10
		-85	60	25	"	4	17	14	"	6
084	1850mN	+10	42	25	"	3	7	16	"	<4
	0-0.3m	-10 +85	42	25	"	3	6	14	"	6
		-85	45	28	"	3	7	14	"	<4

058

572059

Sample No	Location + Depth	Size fraction	Cu	Zn	Bi	Mo	Ag	Pb	W	Sn
085	M.L. 14 1850 mN	+10	75	30	<10	3	2	16	<10	<4
	0.3-0.45m	-10 +85	55	25	"	5	8	16	"	4
		-85	15	28	"	4	7	18	"	8
086	1825 mN	+10	55	35	"	5	12	14	"	12
	0-0.3m	-10 +85	55	38	"	3	20	14	"	8
		-85	60	40	"	3	12	16	"	6
087	1825 mN	+10	48	42	"	3	9	8	"	4
	0.3-0.45m	-10 +85	60	35	"	3	14	10	"	"
		-85	65	38	"	6	12	14	"	4
088	1800mN	+10	80	45	"	4	30	12	"	4
	0-0.3m	-10+85	65	38	"	3	26	14	"	[illegible]
		-85	60	38	"	4	22	18	"	[illegible]
089	1800mN	+10	80	48	"	4	55	12	"	12
	0.3-0.45m	-10 +85	70	35	"	5	23	16	"	[illegible]
		-85	75	40	"	5	22	12	"	8
090	1775mN	+10	65	38	"	5	120	12	"	65
	0-0.3m	-10+85	65	38	"	4	115	10	"	70
		-85	65	38	"	5	100	12	"	55
091	1775mN	+10	100	60	"	3	115	14	"	75
	0.3-0.6m	-10 +85	100	55	"	4	110	12	60	75
		-85	120	80	"	3	48	8	<10	34
092	1775mN	+10	150	65	"	<3	11	8	"	8
	0.6-1.0m	-10 +85	150	60	"	3	20	6	"	12
		-85	160	70	"	3	8	6	"	8
093	1775mN	+10	140	65	"	3	11	6	"	6
	1.0-1.15m	-10 +85	150	60	"	3	15	12	"	10
		-85	160	65	"	4	7	16	"	12
094	1750mN	+10	75	45	"	3	170	16	"	230
	0-0.3m	-10 +85	65	40	"	3	135	12	"	90
		-85	70	40	"	4	115	10	"	70
095	1750mN	+10	95	48	"	3	170	10	"	115
	0.3-0.6m	-10 +85	110	45	"	3	175	14	"	175
		-85	120	45	"	3	150	10	"	90
096	1750mN	+10	140	55	"	3	200	12	"	240
	0.6-0.7m	-10+85	130	50	"	4	195	14	"	130
		-85	130	55	"	3	150	10	"	90

059

572060

Sample No	Location and Depth	Size Fraction	Cu	Zn	Bi	Mo	As	Pb	W	Sn
097	N.L.1W 1725mN	+10	85	65	<10	3	60	18	<10	32
	0-0.3m	-10+85	85	60	"	5	60	14	"	30
		-85	90	60	"	3	50	22	"	30
098	1725mN	+10	110	65	"	3	60	22	"	44
	0.3-0.6m	-10+85	100	65	"	5	70	24	"	42
		-85	120	75	"	3	70	20	"	50
099	1725mN	+10	130	75	"	3	65	22	"	36
	0.6-1.0m	-10+85	130	80	"	5	75	24	"	40
		-85	140	80	"	<3	70	26	"	46
100	1700mN	+10	50	55	"	<3	36	18	"	18
	0-0.3m	-10+85	75	50	"	4	35	22	"	14
		-85	85	55		3	34	23	"	20
1	1700mN	+10	95	60	"	<3	34	18	"	14
	0.3-0.6m	-10+85	95	50	"	3	45	22	"	18
		-85	110	60	"	3	36	22	"	6
102	1700mN	+10	120	60	"	<3	30	20	"	16
	0.6-1.0m	-10+85	130	55	"	3	35	28	"	14
		-85	140	65	"	3	30	32	"	14
103	1675mN	+10	65	50	"	<3	11	10	"	4
	0-0.3m	-10+85	85	55	"	3	24	14	"	28
		-85	75	55	"	3	13	12	"	<4
104	1675mN	+10	60	55	"	3	9	16	"	<4
	0.3-0.6m	-10+85	70	50	"	4	15	10	"	4
		-85	75	55	"	3	11	14	"	10
105	1650mN	+10	50	60	"	3	7	14	"	6
	0-0.3m	-10+85	45	55	"	3	7	14	"	4
		-85	50	65	"	<3	9	14	"	8
106	1650mN	+10	55	65	"	3	6	14	10	<4
	0.3-0.45m	-10+85	50	55	"	3	5	18	<10	8
		-85	60	60	"	4	7	14	"	8
107	1625mN	+10	40	70	"	3	<2	14	<10	4
	0-0.3m	-10+85	42	60	"	3	7	12	"	8
		-85	48	60	"	3	4	12	"	6
108	1625mN	+10	45	70	"	3	6	14	"	4
	0.3-0.45m	-10+85	45	60	"	4	7	14	"	6
		-85	55	60	"	3	11	8	"	8

060

572061

Sample No	Location + Depth	Sieve Fraction #	Cu	Zn	Bi	Mo	As	Pb	W	Sn
109	M.L.14 1600mN	+10	45	65	<10	3	6	10	<10	8
	0-0.3m	-10 +85	40	60	"	4	38	12	10	10
		-85	45	70	"	3	3	14	<10	8
110	1600mN	+10	50	65	"	3	10	10	"	14
	0.3-0.6m	-10 +85	48	65	"	4	6	10	"	4
		-85	55	75	"	3	7	12	"	8
141	M.L.14 1600mN	+10	70	95	"	3	2	12	"	4
	0.6-1.0m#	-10 +85	60	75	"	4	2	12	"	4
		-85	70	90	"	3	4	14	"	4
333	M.L.12. 2500mN	+10	50	50	"	3	13	6	"	<4
	0-0.3m	-10 +85	65	45	"	5	15	10	"	"
		-85	70	50	"	4	"	10	"	6
5	2500mN	+10	75	60	"	3	14	6	"	8
	0.3-0.6m	-10 +85	80	55	"	6	28	10	10	26
		-85	80	65	"	5	160	12	70	55
335	2475mN	+10	70	45	"	3	155	8	25	38
	0-0.3m	-10 +85	65	38	"	4	20	8	<10	16
		-85	70	38	"	5	17	12	"	14
336	2475mN	+10	70	43	"	3	16	8	<10	14
	0.3-0.6m	-10 +85	75	48	"	5	26	10	"	22
		-85	75	50	"	<3	24	8	"	16
337	2475mN	+10	100	55	"	3	140	12	35	110
	0.6-1.0m	-10 +85	85	50	"	7	22	14	<10	18
		-85	85	55	"	4	30	12	"	18
338	2475mN	+10	55	55	"	3	46	10	<10	30
	1.0-1.3m	-10 +85	85	48	"	4	24	12	"	16
		-85	90	48	"	5	60	12	20	44
339	2450mN	+10	50	42	"	3	15	10	<10	105
	0-0.3m	-10 +85	50	38	"	4	26	10	"	34
		-85	120	42	"	4	175	8	35	145
340	2450mN	+10	85	48	"	3	130	8	10	52
	0.3-0.6m	-10 +85	60	45	"	4	26	6	<10	24
		-85	60	45	"	3	22	12	"	26
341	2450mN	+10	90	60	"	<3	44	14	<10	36
	0.6-1.0m	-10 +85	85	60	"	4	44	6	"	34
		-85	90	70	"	4	22	12	10	16

061

572062

Sample No	Location	Depth	Sieve Fraction	Cu	Zn	Bi	Mo	As	Pb	W	Sn
342	M.L.12	2450mN	+10	100	70	<10	4	48	10	<10	26
		0-0.3m	-10 +85	110	65	"	5	7	10	10	60
			-85	100	75	"	5	32	10	<10	16
343		2425mN	+10	60	35	"	3	32	8	"	14
		0-0.3m	-10 +85	60	28	"	5	34	14	"	20
			-85	60	30	"	6	30	12	"	20
344		2425mN	+10	70	32	"	3	32	6	"	12
		0.3-0.6m	-10 +85	60	28	"	7	50	6	15	26
			-85	75	35	"	4	38	14	<10	55
345		2425mN	+10	75	38	"	4	38	12	"	42
		0.6-1.0m	-10 +85	75	35	"	5	44	14	"	20
			-85	80	42	"	3	34	12	"	22
		2425mN	+10	85	45	"	4	36	12	"	12
		1.0-1.15m	-10 +85	90	42	"	5	55	14	"	22
			-85	95	50	"	5	30	14	"	18
347		2400mN	+10	38	25	"	4	22	10	"	18
		0-0.3m	-10 +85	35	20	"	4	24	8	"	32
			-85	42	22	"	3	14	12	10	18
348		2400mN	+10	55	30	"	5	24	8	<10	20
		0.3-0.6m	-10 +85	55	25	"	4	50	10	10	36
			-85	65	35	"	3	16	8	<10	24
349		2400mN	+10	55	38	"	4	28	6	"	34
		0.6-0.3m	-10 +85	60	30	"	4	26	8	"	26
			-85	75	38	"	3	18	10	"	26
350		2375mN	+10	80	40	"	6	30	10	10	20
		0-0.3m	-10 +85	65	38	"	5	28	12	<10	20
			-85	65	38	"	3	16	10	"	18
351		2375mN	+10	75	45	"	6	24	10	"	24
		0.3-0.6m	-10+85	80	42	"	4	44	12	10	33
			-85	80	45	"	3	48	10	10	30
352		2375mN	+10	90	55	"	5	24	12	<10	30
		0.6-0.7m	-10 +85	95	55	"	5	95	10	40	47
			-85	95	60	"	4	26	6	<10	16
353		2350mN	+10	60	32	"	5	26	12	"	26
		0-0.3m	-10 +85	60	30	"	3	28	10	"	26
			-85	60	30	"	3	30	14	"	22

062

572063

Sample No	Location + Depth	Sieve fraction	Cu	Zn	Bi	Mo	As	Pb	W	Sn
354	M.L.12 2350mN	+10	50	40	<10	4	46	8	<10	30
	0.3-0.6m	-10 +85	70	32	"	3	100	8	15	140
		-85	60	32	"	4	20	12	<10	26
355	2350mN	+10	120	38	"	5	65	8	"	30
	0.6-1.0m	-10 +85	110	38	"	3	46	6	"	38
		-85	130	45	"	4	130	6	30	55
356	2350mN	+10	170	55	"	5	36	8	<10	28
	1.0-1.3m	-10 +85	180	50	"	4	40	10	"	30
		-85	210	60	"	3	80	10	"	240
357	2325 mN	+10	65	35	"	5	48	8	10	60
	0-0.3m	-10 +85	70	32	"	3	105	12	25	80
		-85	65	35	"	4	38	12	10	55
	2325mN	+10	100	42	"	6	90	14	15	90
	0.3-0.45m	-10 +85	100	38	"	4	135	12	20	155
		-85	95	38	"	4	70	14	10	80
359	2300mN	+10	12	25	"	6	13	14	10	8
	0-0.3	-10 +85	20	15	"	3	115	16	30	70
		-85	18	18	"	3	17	18	10	22
360	2250mN	+10	35	32	"	4	24	14	"	18
	0-0.3m	-10 +85	32	28	"	3	24	12	"	16
		-85	40	42	"	3	22	18	10	27
361	2250mN	+10	60	75	"	4	19	12	<10	8
	0.3-0.6m	-10 +85	50	35	"	3	115	14	35	55
		-85	85	60	"	4	90	16	20	135
362	2225mN	+10	55	45	"	5	115	8	<10	80
	0-0.3m	-10 +85	60	40	"	4	90	80	"	105
		-85	55	50	"	4	65	12	10	80
363	2200mN	+10	190	25	"	5	630	8	110	520
	0-0.3m	-10 +85	160	25	12	3	620	14	170	580
		-85	130	32	10	4	480	10	120	520
364	2200mN	+10	150	28	15	5	660	8	150	520
	0.3-0.6m	-10 +85	160	28	10	3	680	10	160	660
		-85	170	32	10	5	600	14	150	620
365	2200mN	+10	160	32	15	4	630	10	150	520
	0.6-1.0m	-10 +85	170	25	10	4	680	12	170	660
		-85	150	32	12	4	580	10	140	460

063

572064

Sample No	Location	Depth	Size Fraction #	Cu	Zn	Bi	Mo	As	Pb	W	Sn
366	M.L.12	2175mN	+10	240	22	12	4	960	12	95	300
		0-0.3m	-10 +85	210	22	15	3	740	10	130	370
			-85	200	28	15	5	600	10	75	280
367		2175mN	+10	310	28	15	7	840	10	95	310
		0.3-0.6m	-10 +85	240	22	15	3	380	8	90	350
			-85	260	25	<10	3	660	12	50	250
368		2175mN	+10	390	42	"	6	560	6	60	310
		0.6-1.0m	-10 +85	370	35	"	3	620	4	80	290
			-85	450	48	10	3	380	4	35	80
369		2150mN	+10	450	32	10	4	960	12	240	2050
		0-0.3m	-10 +85	460	35	10	<3	950	6	150	1750
			-85	370	42	20	3	800	10	170	1650
370		2150mN	+10	690	32	50	4	1800	8	120	2000
		0.3-0.6m	-10 +85	590	35	35	3	1150	8	200	2000
			-85	430	45	15	4	920	12	180	1600
371		2150mN	+10	860	35	15	5	1200	8	140	1750
		0.6-1.0m	-10 +85	800	32	30	3	1000	8	230	2200
			-85	750	38	20	5	950	16	220	1900
372		2150mN	+10	700	35	<40	3	700	14	35	4400
		1.0-1.1m	-10 +85	720	35	"	<3	710	16	70	3300
			-85	680	42	10	3	700	20	55	3900
373		2125mN	+10	160	32	45	5	2400	8	430	470
		0-0.3m	-10 +85	150	30	50	4	1600	10	500	750
			-85	140	35	50	4	1600	8	740	740
374		2125mN	+10	230	38	45	6	3550	6	560	1050
		0.3-0.6m	-10 +85	190	32	60	3	2000	8	900	900
			-85	200	35	55	3	2100	4	840	740
375		2125mN	+10	430	45	40	5	1850	6	640	1150
		0.6-1.0m	-10 +85	360	40	60	3	2000	8	830	1400
			-85	470	55	65	3	2150	10	700	1350
376		2125mN	+10	740	50	55	3	2200	6	400	2200
		1.0-1.1m	-10 +85	690	480	70	3	2000	12	530	1900
			-85	970	70	65	4	1950	10	430	1700
377		2100mN	+10	85	42	"	3	110	8	20	95
		0-0.3m	-10 +85	55	30	"	3	38	12	<10	43
			-85	60	40	"	4	55	12	10	90

064

572065

Sample No	Location and Depth	Sieve Fraction #	Cu	Zn	Bi	Mo	As	Pb	W	Sn
378	M.L.12. 2100mN	+10	60	30	<10	4	34	10	<10	30
	0·3-0·6m	-10 +85	65	30	"	3	55	10	15	40
		-85	70	35	"	5	55	12	10	65
379	2075mN	+10	80	32	"	3	50	4	<10	26
	0-0·3m	-10+85	80	28	"	<3	42	10	"	32
		-85	70	32	"	5	40	8	"	46
380	2075mN	+10	90	32	"	4	38	10	"	26
	0·3-0·6m	-10+85	80	28	"	3	44	10	10	46
		-85	75	35	"	4	44	8	<10	48
381	2075mN	+10	120	35	"	3	36	10	"	26
	0·6-0·3m	-10+85	100	32	"	3	100	10	10	70
		-85	90	42	"	4	140	18	10	30
	2050mN	+10	80	32	"	3	85	8	10	65
	0-0·3m	-10+85	75	25	"	3	50	10	15	23
		-85	100	32	"	3	240	8	60	125
383	2050mN	+10	85	28	"	5	50	8	40	36
	0·3-0·6m	-10+85	75	25	"	4	40	12	"	20
		-85	80	35	"	3	70	8	10	65
384	2025mN	+10	70	20	"	3	38	12	<10	22
	0-0·3m	-10+85	60	22	"	3	40	12	"	26
		-85	70	30	"	3	48	10	"	30
385	2025mN	+10	85	28	"	3	46	8	"	16
	0·3-0·6m	-10+85	75	25	"	5	44	10	"	14
		-85	75	40	"	<3	42	14	10	16
386	2025mN	+10	100	30	"	3	55	16	<10	18
	0·6-0·8m	-10+85	85	32	"	4	38	14	"	10
		-85	95	50	"	3	65	6	"	44
387	2000mN	+10	120	22	"	3	50	6	"	24
	0-0·3m	-10+85	85	25	"	3	34	10	"	38
		-85	100	28	"	3	100	8	10	100
388	2000mN	+10	240	20	"	3	24	8	<10	8
	0·3-0·6m	-10+85	150	25	"	4	32	8	"	18
		-85	170	30	"	3	80	12	10	36

065

572066

E.L. 2/63 AND E.L. 18/73

MT. LINDSAY AREA

APPENDIX 2

MAGNETIC FIELD DATA SHEETS

066

RENISON LIMITED

572067

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 15-2-74 Grid Location: MT. LINDSAY ROAD Line No.: ROAD TRAVERSE

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
PIEMAN R → MT LINDSAY	62205	340m	62265	680m	62292	1020m	62323
10m	229	50	259	90	297	30	322
20	216	60	237	700m	297	40	322
30	219	70	224	10	296	50	320
40	217	80	232	20	294	60	321
50	214	90	249	30	296	70	319
60	217	400m	262	40	295	80	318
70	219	10	270	50	295	90	315
80	222	20	272	60	296	1100m	314
90	231	30	271	70	296	10	317
100m	256	40	273	80	298	20	314
10	253	50	275	90	301	30	310
20	242	60	278	800m	301	40	310
30	246	70	281	10	303	50	309
40	238	80	295	20	303	60	311
50	236	90	285	30	304	70	308
60	236	500m	287	40	305	80	310
70	242	10	286	50	308	90	305
80	241	20	288	60	311	1200m	306
90	243	30	287	70	310	10	302
200m	244	40	288	80	311	20	305
10	249	50	290	90	314	30	304
20	247	60	291	900m	315	40	302
30	248	70	291	10	315	50	301
40	250	80	291	20	314	60	298
50	252	90	292	30	317	70	301
60	255	600m	296	40	316	80	300
70	257	10	294	50	320	90	299
80	257	20	297	60	321	1300m	296
90	258	30	297	70	320	10	297
300m	258	40	294	80	322	20	298
10	265	50	293	90	320	30	298
20	264	60	294	1000m	321	40	299
30	266	70	296	10	322	50	298

067

572068

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 18-2-74 Grid Location: MT. LINDSAY ROAD Line No.: ROAD TRAVERSE

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
MT LINDSAY ROAD 1360m	62298	1700m	62295	2040m	62281	2380m	62257
70	297	10	295	50	275	90	257
80	295	20	295	60	275	2400m	255
90	298	30	296	70	275	10	254
1400m	297	(m.v.o.) 40	295 (292)	80	272	20	251
10	291	50	298	90	273	30	248
20 (metal pipe)	358	60	301	2100m	270	40	249
30	297	70	300	10	274	50	246
40	295	80	300	20	271	60	247
50	296	90	302	30	270	70	248
60	297	1800m	300	40	270	80	246
70	294	10	301	50	271	90	246
80	295	20	300	60	266	2500m	246
90	298	30	300	70	264	10	245
1500m	297	40	298	80	265	20	246
10	291	50	295	90	268	30	248
20	195	60	295	2200m	272	40	244
30 (metal pipe)	364	70	294	10	263	50	243
40	295	80	294	20	263	60	242
50	296	90	294	MISTY VALLEY CAMP TRACK. 30	(271) 261	70	242
60	297	1900m	293	40	271	80	243
70	299	10	293	50	269	90	242
80	300	20	292	60	266	2600m	242
90	301	30	291	70	266	10	242
1600m	300	40	289	80	267	20	242
10	301	50	289	90	264	30	241
20	299	60	288	2300m	264	40	239
30	300	70	286	10	265	50	238
40	298	80	287	20	264	60	224
50	297	90	285	30	262	70	227
60	297	2000m	283	40	261	80	234
70	295	10	282	50	261	90	233
80	293	20	278	60	259	2700	234
90	294	30	278	70	258	10	232

RENISON LIMITED

088

PROTON MAGNETOMETER FIELD RECORDINGS

572069

Date: .....1973..... Grid Location: ...MT. LINDSAY ROAD..... Line No.: ...ROAD TRAVERSE...

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
T LINDSAY ROAD 2720m	62231	3060m	64255	3400m	62371	3740m	62203
30	226	70	62567	10	446	50	203
40	213	80	572	20	347	60	203
50	228	90	562	30	301	70	203
60	229	3100m	542	40	316	80	202
70	230	10	390	50	302	90	201
80	235	20	334	60	323	3800m	201
90	256	30	293	70	355	10	200
2800m	262	40	271	80	324	20	197
10	345	50	267	90	427	30	211
20	507	60	289	3500m	637	40	190
30	648	70	389	10	613	50	199
40	581	80	797	20	349	60	199
50	62658	90	289	30	359	70	200
60	63032	3200m	548	40	299	80	203
70	63467	10	811	50	270	90	197
80	62905	20	267	60	260	3900m	198
90	720	30	822	70	254	10	195
2900m	825	40	403	80	248	20	193
10	840	50	647	90	243	30	191
20	482	60	712	3600m	239	40	190
30	656	70	208	10	235	50	190
40	648	80	822	20	235	60	189
50	966	90	698	30	229	70	187
60	962	3300m	420	40	227	80	184
70	62805	10	348	50	224	90	181
80	63124	20	341	60	221	4000m	179
90	62871	30	324	70	218	10	177
3000m	63189	40	324	80	214	20	174
10	62488	50	296	90	211	30	169
20	62749	60	341	3700m	209	40	164
30	63135	70	386	10	207	50	166
40	383	80	303	20	206	60	164
50	63311	90	285	30	203	70	164

RENISON LIMITED

069

572070

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ...6-2-74..... Grid Location: ...Mt. Lindsay Road..... Line No.: Road Traverse

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
4080mN	62159	4420m	63765	4760m	62614	5100m	62185
90	161	30	926	70	484	10	200
4100mN	161	40	263	80	403	20	222
10	160	50	63058	90	366	30	229
20	158	60	62907	4800m	340	40	239
30	157	70	63000	10	321	50	246
40	154	80	651	20	311	60	251
50	156	90	244	30	304	70	272
60	156	4500m	63070	40	295	80	277
70	156	10	64090	50	279	90	282
80	156	20	63314	60	281	5200	291
90	155	30	649	70	296	10	241
4200m	156	40	529	80	318	20	240
10	159	50	390	90	332	30	218
20	162	60	716	4900m	378	40	209
30	165	70	63918	10	400	50	202
40	168	80	64480	20	422	60	195
50	175	90	480	30	448	70	187
60	173	4600m	810	40	446	80	178
70	163	10	64833	50	454	90	183
80	145	20	63248	60	404	5300m	213
90	114	30	62850	70	269	10	254
4300m	098	40	64360	80	198	20	230
10	082	50	64192	90	175	30	202
20	120	60	63645	5000m	167	40	227
30	130	70	64314	10	162	50	655
40	117	80	384	20	161	60	280
50	173	90	64028	30	164	70	311
60	221	4700m	63606	40	163	80	360
70	242	10	298	50	165	90	564
80	248	20	63947	60	164	5400m	490
90	264	30	62663	70	164	10	329
4400m	62491	40	826	80	172	20	155
10	63008	50	814	90	185	30	138

070

RENISON LIMITED

572071

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 6-2-74 Grid Location: MT. LINDSAY ROAD Line No.: ROAD TRAVERSE

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
5440m	62150	5780m	62 113	6120m	62175	6460m	61 977
50	160	90	119	30	170	70	638
60	104	5800m	119	40	176	80	610
70	107	10	127	50	160	90	835
80	111	20	131	60	156	6500 m	913
90	117	30	1144	70	208	10	959
5500 m	125	40	150	80	178	20	61 986
10	134	50	160	90	170	30	62000
20	149	60	171	6200m	188	40	013
30	172	70	181	10	171	50	010
40	196	80	194	20	198	60	004
50	206	90	207	30	169	70	62002
60	203	5900m	222	40	152	80	61998
70	201	10	256	50	205	90	991
80	228	20	234	60	185	6600 m	990
90	245	30	62279	70	165	10	988
5600	235	40	61998	80	126	20	988
10	206	50	62358	90	112	30	986
20	186	60	349	6300m	096	40	61993
30	173	70	271	10	096	50	62002
40	153	80	229	20	101	60	61996
50	142	(M.L.I.) 90	210	30	093	70	975
60	133	6000m	195	40	105	80	61915
70	124	10	182	50	135	90	62084
80	120	20	180	60	037	6700m	349
90	119	30	176	70	034	10	845
5700m	115	40	171	80	106	20	671
10	119	50	62228	90	086	30	777
20	156	60	61967	6400m	062	40	62760
30	141	70	61972	10	050	50	63088
40	119	80	62120	20	040	60	62597
50	119	90	026 (089)	30	62022	70	62112
60	119	6100m	182	40	61989	80	63628
70	117	10	173	50	952	90	64172

RENISON LIMITED

071

PROTON MAGNETOMETER FIELD RECORDINGS

572072

Date: 6-3-74 Grid Location: MT. LINDSAY ROAD Line No.: ROAD TRAVERSE

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
6800m	61075	7140m N	61770	7430m N	62046		
10	63573	50	63199	90	046		
20	62482	60	63959	7500m	050		
30	258	70	62812	10	048		
40	253	80	63438	20	045		
50	219	90	62509	30	044		
60	222	7200m	202	40	045		
70	224	N.L.B. 10	095	50	046		
80	247	20	078	60	047		
90	362	30	068	70	044		
6900 m	323	40	059	80	044		
10	367	50	050	90	042		
20	318	60	057	7600m	044		
30	768	70	073	10	044		
40	071	80	084	20	045		
50	298	90	075	30	047		
60	877	7300m	060	40	052		
70	521	10	048	50	056		
80	334	20	043	60	062		
90	277	30	040	N.L.B. 70	069		
7000m	294	40	037	Licence Boundary.			
10	282	50	038				
20	508	60	039				
30	220	70	037				
40	62165	80	036				
50	64000	90	036				
60	65780	7400m	034				
70	62536	10	034				
80	63078	20	032				
90	63067	30	030				
7100 m	62830	40	032				
10	63165	50	035				
20	63044	60	040				
30	62721	70	044				

072

572073

RENTSON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 6-2-74 Grid Location: MT. LINDSAY ROAD Line No.: ROAD TRAVERSE

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
ROAD TRAVERSE						7820m	6212-7
						30	117
						40	126
						50	137
						60	152
						70	158
						80	160
						90	164
						7900	170
						10	180
						20	190
						30	196
						40	196
						50	204
						60	222
						70	247
						80	296
						90	349
				Licence Boundary.		8000m	426
				M.L.S. 70	069	10	452
				80	076	20	432
				90	083	30	448
				7700m	084	40	424
				10	085	50	466
				20	086	60	524
				30	089	70	561
				40	093	80	582
				50	100	90	475
				60	[illegible]	8100m	388
				70	111	10	301
				80	117	20	268
				90	121	30	266
				7800m	124	40	297
				10	126	50	294

073

572074

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 6-2-74 Grid Location: Mt. Lyell Road Line No.: Base Traverse

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
8160m	62268	8500m	62947	8640m	62145	9180m W	62972
70	220	10	63066	50	099	90	62905
80	166	20	234	60	058	9200m	63020 (020)
90	136	30	63740	70	62012	10	64263
8200m	106	40	62988	80	61966	20	63910
10	110	50	527	90	922	30	832
20	108	60	433	8900m	883	40	030
30	096	70	394	10	855	50	63288
40	088	80	366	20	832	60	66630
50	095	90	332	30	790	70	63280
60	104	8600m	306	40	748	80	62547
70	118	10	294	50	702	90	289
80	128	20	292	60	660	9300m	166
90	150	30	291	70	612	-10	090
8300m	180	40	292	80	564	20	054
10	203	50	296	90	522	30	072
20	232	60	298	9000m	508	40	061
30	252	70	296	10	484	50	042
40	301	80	294	20	476	60	034
50	346	90	296	30	469	70	064
60	440	8700m	302	40	478	80	62085
70	518	10	310	50	473	90	61919
80	612	20	322	60	466	9400m	935
90	714	30	336	70	504	10	938
8400m	899	40	350	80	573	20	980
10	806	50	363	90	6224	30	982
20	62921	60	374	9100m	676	40	966
30	63148	70	346	10	708	50	970
40	188	80	346	20	742	60	61974
50	158	90	322	30	782	70	62012
60	204	8800m	294	40	837	80	094
70	63287	10	264	50	61988	90	192
80	62941	20	226	60	62357	9500m	470
90	878	30	186	70	63984	10	427

074

572075

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ...7-2-74..... Grid Location: ...MT. LINDSAY ROAD..... Line No.: ROAD TRAVERSE...

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
9520m.	62197	9860m	61557	10200m	62005	10540m	62362
30	62067	70	600	10	307	50	340
40	61992	80	567	20	62809	60	339
50	992	90	492	30	63239	70	336
60	887	9900	484	40	62508	80	282
70	878	10	476	50	599	90	276
80	890	20	61423	60	62700	10600m	169
90	889	30	62277	70	63303	10	180
9600m	892	40	62286	80	63913	20	232
10	896	50	61852	90	64287	30	325
20	867	60	62998	10300m	65784	40	62084
30	854	70	61970	10	64579	50	61242
40	870	80	62507	20	63790	60	62926
50	899	90	508	30	63520	70	61494
60	892	10000	62715	40	64079	80	61333
70	867	10	63008	50	65036	90	62836
80	804	20	62780	60	64982	10700m	58850
90	796	30	726	70	65028	10	62181
9700m	818	40	558	80	64957	20	260
10	749	50	286	90	66220	30	62076
20	667	60	222	10400m	64072	40	61928
30	589	70	368	10	63994	50	800
40	545	80	62784	20	64829	60	740
50	534	90	63420	30	64326	70	693
60	592	10100	63870	40	65521	80	695
70	672	10	62540	50	579	90	711
80	676	20	62831	60	65238	10800m	707
90	627	30	63268	70	64331	10	862
9800m	523	40	63230	80	63389	20	800
10	451	50	62910	90	62856	30	61466
20	392	60	62575	10500m	600	40	60952
30	410	70	61842	10	461	50	61292
40	464	80	62340	20	419	60	630
50	500	90	586	30	391	70	61881

075

572076

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ....7-7-78....10-5-79.... Grid Location:..Nr...Lyvean...Road.... Line No.:..Base..Traverse...

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
10880m	62033	11220m	63459	Licence Boundary.			
90	61811	30	63098				
10900m	62849	40	62721				
10	756	50	360				
20	504	60	62073				
30	363 (259)	70	61907				
40	376 (114)	80	597				
50	622462 (6718)	90	61511				
60	61940 (820)	11300m	62843				
70	582 (069)	10	63071				
80	206 (063)	20	63153				
90	062 (395)	30	64572				
11000m	306 (8699)	40	65336				
10	61268 (62204)	50	687				
20	62903	60	65398				
30	63026	70	64998				
40	62983	80	760				
50	62998	90	868				
60	63511	11400m	64925				
70	64146	10	65566				
80	320	20	65512				
90	835	30	64570				
11100m	213	40	65020				
10	206	50	65393				
20	516	60	63860				
30	64854	70	62675				
40	65562	80	908				
50	66206	90	858				
60	469	11500m	791				
70	66255	10	525				
80	65274	20	62547				
90	64872	30	63006				
11200m	684	40	62995				
10	64105	50	63047				

RENISON LIMITED

076

572077

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 7-2-74 + 13-5-74 Grid Location: MT. LINDSAY ROAD Line No.: ROAD TRAVERSE

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
				11560m	63073	11900m	63700
				70	62947	10	62715
				80	870	20	61338
				90	759	30	59020
				11600m	630	40	60090
				10	502	50	62495
				20	409	60	63243 (62703)
				30	332	70	61684
				40	255	80	62181
				50	501	90	61849
				60	62540	12000m	62068
				70	63422	10	162
				80	64137	20	62072
				90	64614	30	61542
				11700m	63957	40	62181
				10	63984	50	62095
				20	64273	60	61191
				30	673	70	741
				40	700	80	850
				50	64620	90	61069
				60	63625	12100m	60995
				70	64226	10	61631
				80	339	20	001
				90	64075	30	739
				11800m	63115	40	670
				10	62428	50	61672
				20	63541	60	62340
				30	64052	70	64285
				40	64023	80	64822
				50	63450	90	62531
			7	60	162	12200m	62265
				70	066	10	62159
				80	63080	20	61737
				90	62967	30	155

RENISON LIMITED

572078

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 11-5-74 Grid Location: MT. LINDSAY ROAD Line No.: ROAD TRAVERSE

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
12240m	61591	12580m	65458	920m	62605	13260m	59514
50	513	90	65070	30	740	70	58920
60	460	12600m	64870	40	740	80	600
70	367	10	735	50	672	90	58200
80 road	61140 (6088)	20	163	60	692	end of traverse Bridge near	
90	61040	30	64505	70	563	mt Lindsay Camp.	
12300m	60895	40	63818	80	326		
10	60898	50	62390	90	316		
20	61060	60	63178	13000m	188		
30	60912	70	600	10	182		
40	60882	80	985	20	065		
50	62105	90	640	30	62020		
60	63873	12700m	63019	40	61988		
70	461	10	62815	50	62157		
80	63171	20	808	60	61847		
90	64757	30	762	70	655		
12400m	65185	40	784	80	645		
10	64409	50	915	90	61960		
20	63887	60	960	13100m	62013		
30	64225	70	62975	10	61946		
40	847	80	63782	20	920		
50	120	90	64066	30	61932		
60	64072	12800m	63841	40	62031		
70	63739	10	63146	50	092		
80	63591 (689)	20	62842	60	62498		
90	63230	30	545	70	63471		
12500m	62913	40	507	80	159		
10	887	50	491	90	140		
20	878	60	293	13200m	63069		
30	447	70	080	10	61702		
40	62554	80	200	20	61064		
50	63622	90	060	30	60743		
60	64618	12900m	246	40	60114		
70	65031	10	378	50	59677		

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572079

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 7-2-74 Grid Location: MT. LINDSAY ROAD Line No.: WALKING TRACK

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
Road R.L. 12. To camp via walking track.	0m	61268	340m	63147				
	10	61708	50	62823				
	20	62001	60	413				
	30	052	70	6218				
	40	212	80	6901				
	50	62752	90	760				
	60	63090	400m	380				
	70	494	10	064				
	80	396	20	456				
	90	212	30	61886				
	100m	328	40	62203				
	10	604	50	162				
	20	590	60	769				
	30	63754	70	639				
	40	64327	80	62656				
	50	510	90	63541				
	60	348	500m	343	M.L			
	70	64884	10	112				
	80	65458	20	63000				
	90	63714	30	62966				
	200m	62673.	40	63268				
	10	705	50	63550				
	20	62982	Licence	Boundary.				
	30	63825						
	40	64098						
	50	64109						
	60	63925						
	70	726						
	80	63990						
	90	64448						
	300m	64160						
	10	63565						
	20	505						
	30	900						

079

PROTON MAGNETOMETER FIELD READINGS

572080

Date: 7-2-74 Grid Location: MT LINDSAY ROAD Line No.: WALKING TRACK.

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
				680m	63526	1020m	64030
amp. via				90	475	30	030
king track.				700m	512	40	241
Road at Line M.L2 to				10	678	50	417
Camp via Walking Track				20	553	60	524
				30	519	70	426
				40	472	80	504
				50	464	90	486
				60	63730	1100m	454
				70	64004	10	545
				80	63959	20	612
				90	64106	30	426
				800m	608	40	612
				10	64897	50	704
				20	65286	60	613
				30	66090	70	64336
				M.L.9. 40	66095	80	63902
				50	64416	90	660
				60	608	1200m	478
				70	660	10	299
				80	988	20	178
		Licence Boundary					
		50	63550	90	815	30	066
		60	62637	900m	508	40	025
		70	63116	10	64647	50	085
		80	63804	20	65013	M.L.7. 60	154
		90	64400	30	64064	70	282
		600m	576	40	63782	80	293
		10	751	50	63057	90	348
		20	747	60	64815	1300m	355
		30	812	70	952	10	399
		40	499	80	64820	20	206
		50	64108	90	65072	30	141
		60	63463	1000	64612	40	115
		70	529	10	126	50	63052.

080

572081

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 7-2-74 Grid Location: MT. WINDSAY ROAD Line No.: WALKING TRACK

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
WALKING TRACK. 1360m	62950	1700m	62 308	2000m	62384	2380m	62260
70	62946	10	274	50	389	90	268
80	63030	20	639	60	418	2400m	270
90	048	30	368	70	376	10	270
1400m	056	40	302	80	368	20	306
10	63 002	50	337	90	358	30	250
20	62892	60	384	2100m	361	40	227
30	821	70	427	10	398	50	250
40	776	80	393	20	402	60	272
50	749	90	385	30	416	70	321
60	751	1800m	386	40	460	80	361
70	710	10	418	50	440	90	360
80	782	20	379	60	529	2500m	356
90	62996	30	326	70	578	10	402
1500m	63086	40	405	80	666	20	437
10	62926	50	474	90	606	30	528
20	878	60	580	2200m	460	40	926
30	801	70	624	10	790	50	612
40	726	80	572	20	764	60	438
50	692	90	496	30	616	70	392
60	580	1900m	454	40	562	80	387
70	614	10	408	50	512	90	364
80	690	20	409	60	493	2600m	381
90	704	30	576	70	436	10	422
1600m	686	40	346	80	385	20	489
10	616	50	408	90	352	30	473
20	560	60	384	2300	316	40	486
30	544	70	429	10	283	50	521
40	530	80	459	20	256	60	496
50	566	M.L.4 90	601	30	229	70	373
60	519	2000m	590	40	236	80	450
70	446	10	526	50	242	M.L.1. 90	547
80	418	20	493	60	242	2700	688
90	474	30	366	70	248	10	891

081

RENISON LIMITED

572082

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 7-2-74 Grid Location: MT LINDSAY ROAD Line No.: WALKING TRACK

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
KING TRACK 2720m.	62848	3060m	62248	3400m	62139	3740m	62177
30	770	70	256	10	166	50	205
40	760	80	253	20	171	60	192
50	750	90	314	30	144	70	188
60	704	3100m	251	40	134	80	169
70	658	10	231	50	126	90	170
80	678	20	224	60	126	3800m	175
90	706	30	194	70	118	10	182
2800m	724	40	195	80	116	20	170
10	346	50	219	90	117	30	174
20	333	60	230	3500m	118	40	178
30	364	70	235	10	126	50	104
40	368	80	234	20	125	end of survey at station 6000m (62026, 620898).	
50	360	90	216	30	139		
60	355	3200m	232	40	150		
70	342	10	217	50	152		
80	347	20	203	60	166		
90	356	30	189	70	188		
2900m	381	40	184	80	195		
10	390	50	192	90	193		
20	375	60	174	3600m	190		
30	375	70	168	10	190		
40	367	80	172	20	189		
50	378	90	166	30	161		
60	409	3300m	158	40	155		
70	448	10	166	50	166		
80	474	20	172	60	172		
90	547	30	200	70	168		
3000m	526	40	187	80	231		
10	510	50	124	90	286		
20	497	60	129	3700m	216		
30	308	70	162	10	339		
40	286	80	165	20	274		
50	254	90	141	30	191		

032

RENISON LIMITED

572083

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 18.4.74 Grid Location: MT. LINDSAY Line No.: BASELINE

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
Baseline	0mW	63092	340mW	63266	680mW	63302	1020 mW	62692
	10	097	50	308	90	246	30	714
	20	168	60	290	700 mW	357	40	562
	30	216	70	261	10	527	50	408
	40	042	80	63137	20	710	60	418
	50	038	90	62933	30	609	70	353
	60	026	400 mW	813	40	640	80	073
	70	199	10	724	50	576	90	078
	80	346	20	693	60	776	1100mW	452
	90	338	30	774	70	63780	10	532
	100mW	343	40	62963	80	64096	20	456
	10	343	50	63188	90	63961	30	62562
	20	430	60	63157	800mW	838	40	63076
	30	421	70	62834	10	706	50	061
	40	535	80	62978	20	632	60	102
	50	661	90	63221	30	581	70	098
	60	429	500mW	035	40	616	80	63006
	70	564	10	63044	50	688	90	62720
	80	283	20	62950	60	794	1200mW	857
	90	065	30	814	70	630	10	674
	200mW	040	40	712	80	748	20	442
	10	63141	50	734	90	877	30	364
	20	62967	60	813	900mW	641	40	62196
	30	62211	70	855	10	737	50	61976
	40	63153	80	931	20	717	60	931
	50	181	90	897	30	781	70	912
	60	63053	600mW	884	40	607	80	826
	70	62961	10	858	50	321	90	749
	80	62989	20	866	60	63096	1300mW	556
	90	63024	30	852	70	62744	10	359
	300mW	021	40	843	80	625	20	404
	10	086	50	914	90	450	30	485
	20	126	60	62994	1000mW	588	40	442
	30	251	70	63167	10	582	50	270

.083

RENISON LIMITED

572084

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 18-4-74 Grid Location: MT. LINDSAY Line No.: BASELINE

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
Baseline	1360 m W	61519	1700 mW	64111	2040 m W	62095	2380 m W	69624
	70	327	10	63825	50	182	90	69140
	80	337	20	624	60	294	2400 m W	65524
	90	320	30	714	70	62551	10	63085
	1400m W	351	40	63384	80	61902	20	64634
	10	405	50	62695	90	62610	30	65519
	20	475	60	62490	2100 W	661	40	519
	30	496	70	63682	10	873	50	972
	40	796	80	64222	20	043	60	65461
	50	61991	90	63576	30	666	70	64117
	60	62204	1800 mW	64680	40	62061	80	63451
	70	610	10	65265	50	61048	90	63212
	80	804	20	64599	60	429	2500 m W	62617
	90	941	30	059	70	646	10	63261
	1500 m W	787	40	64428	80	698	20	795
	10	750	50	66508	90	925	30	63550
	20	704	60	61995	2200 m W	61080	40	64522
	30	746	70	62660	10	61568	50	65335
	40	641	80	62739	20	62215	60	67662
	50	839	90	64639	30	60942	70	67270
	60	385	1900 m W	61600	40	139	80	70112
	70	246	10	62867	50	380	90	65530
	80	62747	20	311	60	219	2600 m W	71913
	90	63255	30	102	70	755	Licence Boundary.	
	1600 m W	62917	40	62031	80	60266		
	10	62707	50	61991	90	59680		
	20	64796	60	62170	2300 m W	59558		
	30	735	70	173	10	60203		
	40	633	80	097	20	60837		
	50	614	90	037	30	61187		
	60	64809	2000 m W	129	40	449		
	70	65041	10	312	50	61839		
	80	65990	20	429	60	62759		

084

572085

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ...13-4-74..... Grid Location: ...MT. LINDSAY..... Line No.: ...BASELINE....

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
Baseline							

085

572086

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 19-4-74 Grid Location: MT. LINDSAY Line No.: BASELINE

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
Baseline	2720mW	66349	3060 mW	67697				
	30	65502	70	66615				
	40	64460	80	926				
	50	255	90	68937				
	60	395	3100 mW	69086				
	70	554	10	69972				
	80	481	20	68383				
	90	340	30	64220				
	2800mW	363	40	59856				
	10	64858	50	58401				
	20	65919	60	58378				
	30	65853	70	59396				
	40	64945	80	60154				
	50	64936	90	60817				
	60	65233	3200 W	61166				
	70	66991						
	80	68687						
	90	70026						
	2900mW	70264						
	10	69410						
	20	66331						
	30	64064						
	40	67265						
	50	65343						
	60	64984						
	70	65037						
	80	212						
	90	173						
	3000mW	303						
	10	457						
	20	65892						
	30	66211						
	40	66584						
	50	67160						

080

572087

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 12-5-74 Grid Location: MT LINDSAY Line No.: STANLEY REWARD TRACK

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
EJ 512 STANLEY REWARD TRACK	62515	340mE	61980	680mE	62817	1020m	65500
M.L.20 – 10mE	620	50	62115	90	795	30	64531
20	783	60	349	700mE	769	40	63885
30	863	70	62582	10	766	50	64007
40	844	80	63007	20	723	60	63371
50	578	90	62322	30	922	70	63006
60	450	400mE	368	40	939	75	62845
70	397	10	62657	50	868	EJ 655	
80	393	20	63448	60	62988	MT LINDSAY ROAD.	
90	435	30	62327	70	63028		
100mE	496	40	61663	80	000		
10	519	50	61879	90	967		
20	532	60	890	800mE	287		
30	485	70	945	10	63235		
40	430	80	963	20	62899		
50	366	90	61992	30	476		
60	333	500mE	62044	40	634		
70	313	10	61945	50	812		
80	300	20	61917	60	575		
90	303	30	62065	70	807		
200mE	330	40	135	80	893		
10	357	50	152	90	791		
20	376	60	177	900mE	620		
30	386	70	213	10	921		
40	389	80	302	20	62962		
50	392	90	433	30	63682		
60	435	600mE	420	40	61600		
70	536	10	436	50	61833		
80	571	20	435	60	62900		
90	62245	30	405	70	63350		
300mE	61967	40	358	80	197		
10	918	50	351	90	336		
20	912	60	310	1000mE	102		
30	960	70	443	10	63183		

RENISON LIMITED

067

572088

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 9-2-74 Grid Location: MISTY VALLEY Line No.: M.V.O

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.V.O. 0mE	62296	340mE	62260	620mE	62213	1020mE	62216
10	294	[illegible]	254	90	212	30	209
20	294	60	254	700mE	213	40	208
30	294	70	255	10	214	50	207
40	293	80	248	20	212	60	206
50	293	90	249	30	211	70	205
60	291	400mE	248	40	211	80	205
70	288	10	248	50	207	90	204
80	288	20	247	60	214	1100mE	195
90	286	30	247	70	202	10	192
100mE	286	40	245	80	209	20	187
10	286	50	244	90	211	30	182
20	286	60	244	800mE	213	40	176
30	284	70	242	10	209	50	172
40	283	80	240	20	215	60	166
50	282	90	238	30	218	70	164
60	280	500mE	240	40	219	80	159
70	280	10	239	50	219	90	156
80	279	20	234	60	224	1200mE	155
90	278	30	232	70	225	10	149
200mE	277	40	231	80	226	20	145
10	275	50	230	90	226	30	142
20	274	60	229	900mE	227	40	140
30	274	70	228	10	227	50	135
40	272	80	231	20	230	60	130
50	272	90	229	30	228		
60	272	600mE	226	40	235		
70	268	10	225	50	229		
80	266	20	225	60	225		
90	267	30	222	70	223		
300mE	264	40	219	80	218		
10	266	50	214	90	217		
20	264	60	211	1000mE	218		
30	262	70	213	10	216		

068

RENISON LIMITED

572089

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 9-2-74 Grid Location: MISTY VALLEY Line No.: M.V.I.

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.V.I. 0mE	62282	340mE	62235	80mE	62401	1020mE	62180
10	282	50	234	90	417	30	181
20	280	60	232	700mE	398	40	182
30	280	70	230	10	387	50	181
40	278	80	230	20	373	60	179
50	279	90	229	30	360	70	177
60	276	400mE	229	40	352	80	171
70	276	10	230	50	341	90	168
80	273	20	229	60	333	1100mE	165
90	272	30	229	70	322	10	163
100mE	271	40	225	80	308	20	168
10	271	50	222	90	297	30	176
20	270	60	224	800mE	298	40	158
30	268	70	223	10	280	50	151
40	267	80	221	20	273		
50	265	90	220	30	264		
60	263	500mE	217	40	256		
70	262	10	216	50	251		
80	260	20	213	60	243		
90	258	30	208	70	242		
200mE	256	40	213	80	237		
10	254	50	215	90	230		
20	251	60	212	900mE	226		
30	250	70	211	10	221		
40	250	80	214	20	216		
50	250	90	205	30	210		
60	248	600mE	220	40	205		
70	246	10	236	50	203		
80	245	20	260	60	203		
90	242	30	264	70	200		
300mE	243	40	299	80	196		
10	240	50	345	90	189		
20	239	60	356	1000mE	187		
30	239	70	390	10	184		

029

RENISON LIMITED

572090

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 9-2-74 Grid Location: Gary Valley Line No.: M.V. I.

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.V. I. 0 m W	61278						
10	279						
20	280						
30	284						
40	284						
50	284						
60	291						
70	288						
80	289						
90	284						
100 m W	290						
10	292						
20	286						
30	291						
40	290						
50	294						
60	294						
70	288						
80	298						
90	290						
200 m W	290						
10	290						
20	294						
30	296						
40	294						
50	294						
60	295						
70	292						
80	292						

030

RENISON LIMITED

572091

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ...[illegible]... Grid Location: ...MISTY VALLEY... Line No.: ...M.V.2...

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.V. 2	0mE	62229	340mE	62296	680mE	62207	1020mE	02133
	10	227	50	297	90	202	30	130
	20	221	60	294	700mE	201	40	124
	30	228	70	289	10	197	50	123
	40	222	80	280	20	195	60	105
	50	222	90	271	30	191	70	098
	60	218	480mE	290	40	188	80	095
	70	217	10	317	50	189	90	088
	80	212	20	374	60	184	1100mE	080
	90	212	30	457	70	181	10	091
	100mE	213	40	537	80	177	20	102
	10	215	50	521	90	173	30	122
	20	214	60	489	800mE	174	40	120
	30	213	70	445	10	169	50	113
	40	214	80	405	20	166	60	127
	50	216	90	386	30	164	70	121
	60	207	500mE	368	40	159	80	132
	70	214	10	349	50	156 (153)	90	111
	80	215	20	332	60	154 (151)	1200mE	100
	90	213	30	317	70	151	10	121
	200mE	210	40	301	80	158	20	151
	10	210	50	290	90	143	30	129
	20	208	60	278	900mE	139	40	120
	30	201	70	263	10	143	50	092
	40	205	80	255	20	143	60	103
	50	207	90	248	30	151	70	096
	60	210	600mE	240	40	146	80	100
	70	214	10	236	50	145	90	093
	80	218	20	230	60	149	1300mE	077
	90	232	30	225	70	136	10	073
	300mE	246	40	225	80	140	20	099
	10	260	50	224	90	138	30	146
	20	281	60	220	1000mE	136	40	158
	30	286	70	212	10	133	50	186

RENISON LIMITED

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572092

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 17-2-74 Grid Location: MISTY VALLEY Line No.: M.V. 2

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.V. 2 1360mE	62211	0mW	62231	240 mW	62283	680mW	62313
70	231	10	235	50	274	90	318
80	310	20	231	60	270	700 mW	318
90	373	30	234	70	273	10	323
1400 mE	379	40	240	80	275	20	327
10	472	50	241	90	273	30	321
20	572	60	240	400 mW	274	40	326
30	577	70	244	10	277	50	324
40	482	80	253	20	275	60	324
50	420	90	244	30	276	70	329
60	387	100 mW	246	40	279	80	325
70	375	10	248	50	276	90	321
80	357	20	249	60	282	800mW	328
90	320	30	251	70	291		
1500 mE	304	40	248	80	295		
25	282	50	253	90	293		
50	316	60	252	500mW	292		
76	355	70	254	10	295		
1600mE	335	80	255	20	299		
25	306	90	257	30	306		
50	269	200 mW	251	40	306		
75	243	10	260	50	310		
1700mE	198	20	258	60	313		
25	135	30	259	70	307		
50	259	40	258	80	308		
75	221	50	265	90	309		
1800 mE	219	60	266	600 mW	304		
		70	263	10	312		
		80	266	20	311		
		90	270	30	310		
		300mW	276	40	316		
		10	272	50	311		
		20	271	60	315		
		30	272	70	318		

RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

572093

Date: 10-2-74 Grid Location: MISTY VALLEY Line No.: M.V.3

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
MV 3	0mE	62216	340mE	62350	480mE	62171	0 m W	62218
	10	215	50	355	90	164	10	218
	20	214	60	376	700mE	161	20	222
	30	215	70	404	10	161	30	227
	40	214	80	440	20	156	40	227
	50	210	90	437	30	152	50	223
	60	210	400mE	416	40	148	60	222
	70	207	10	403	50	144	70	224
	80	205	20	381	60	140	80	227
	90	198	30	358	70	136	90	229
	100mE	197	40	342			100m W	230
	10	197	50	332			10	231
	20	199	60	317			20	229
	30	205	70	303			30	231
	40	207	80	288			40	233
	50	208	90	276			50	235
	60	209	500mE	264			60	234
	70	212	10	252			70	235
	80	231	20	240			80	235
	90	246	30	232			90	248
	200mE	268	40	226			200m W	241
	10	429	50	222			10	242
	20	402	60	215			20	244
	30	355	70	207			30	246
	40	356	80	202			40	247
	50	348	90	200			50	249
	60	353	600mE	194			60	251
	70	352	10	193			70	250
	80	339	20	187			80	251
	90	339	30	183			90	252
	300mE	337	40	180			300 m W	253
	10	339	50	175			10	250
	20	328	60	172			20	253
	30	344	70	170			30	252
							40	251

RENISON LIMITED

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572094

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ....12-3-24..... Grid Location: ...Misty...Valley..... Line No.: ...M.V.4.....

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.V. 4 0mE	62594	340mE	62247	580mE	62084	0m W	62594
10	383	50	228			10	313
20	350	60	270			20	170
30	039	70	250			30	180
40	080	80	228			40	198
50	333	90	216			50	184
60	307	400mE	214			60	176
70	200	10	181			70	176
80	230	20	207			80	180
90	288	30	197			90	180
100mE	246	40	198			100m W	182
10	263	50	187			10	176
20	270	60	190			20	173
30	288	70	176				
40	294	80	125				
50	279	90	133				
60	285	500mE	154				
70	267	10	194				
80	260	20	406				
90	270	30	276				
200mE	283	40	181				
10	310	50	186				
20	330	60	196				
30	338	70	200				
40	437	80	191				
50	344	90	175				
60	313	600mE	179				
70	280	10	171				
80	331	20	146				
90	319	30	133				
300mE	322	40	112				
10	292	50	101				
20	277	60	098				
30	258	70	099				

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RENISON LIMITED

572095

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 12-2-74 Grid Location: MISTY VALLEY Line No.: M.V.5

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
MV5	0mE	62562	340mE	62295	600mE	62055	1020mE	62192
	10	532	50	288	90	278	30	184
	20	481	60	282	700mE	281	40	169
	30	441	70	263	10	196	50	139
	40	370	80	259	20	313	60	145
	50	336	90	247	30	175	70	162
	60	323	400mE	246	40	126	80	161
	70	310	10	230	50	146	90	182
	80	380	20	207	60	166	1100mE	196
	90	325	30	195	70	196	10	229
	100mE	315	40	203	80	219	20	222
	10	311	50	289	90	265	30	439
	20	301	60	290	800mE	356	40	377
	30	310	70	244	10	425	80	373
	40	326	80	220	20	473	60	345
	50	351	90	215	30	486	70	300
	60	347	500mE	206	40	483	80	306
	70	339	10	188	50	414	90	266
	80	334	20	181	60	375	1200mE	399
	90	335	30	164	70	327	10	322
	200mE	362	40	153	80	260	20	185
	10	402	50	154	90	237	30	160
	20	415	60	133	900mE	232	40	275
	30	383	70	130	10	207	50	341
	40	389	80	148	20	204	60	365
	50	384	90	167	30	192	70	246
	60	372	600mE	152	40	189	80	192
	70	357	10	124	50	207	90	149
	80	339	20	111	60	198	1300mE	078
	90	337	30	368	70	193	10	49
	300mE	327	40	144	80	194	20	383
	10	321	50	143	90	204	30	699
	20	313	60	62080	1000mE	209	40	383
	30	303	70	61950	10	204	50	358

RENISON LIMITED

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572096

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 12-2-74, 17-2-74, 27-2-74 Grid Location: Misty Valley Line No.: M.V.S

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.V.S 1360mE	62407	0mW	62523	340mW	62225	680mW	62271
70	440	10	330	50	225 (235)	90	280
80	387	20	180	60	240	700mW	272
90	366	30	165	70	242	10	275
1400mE	331	40	166	80	247	20	274 (298)
10	319	50	160	90	250	30	305
20	313	60	158	400mW	249	40	304
30	317	70	166	10	249	50	298
40	222	80	179	20	252	60	290
50	193	90	185	30	258	70	295
60	200	100mW	188	40	260	80	297
70	199	10	190	50	259	90	305
80	274	20	189	60	266	800mW	300
90	271	30	189	70	265		
1500mE	244	40	192	80	252		
10	213	50	194	90	248		
20	209	60	195	500mW	251		
30	228	70	196	10	262		
40	235	80	198	20	257		
50	287	90	201	30	256		
60	301	200mW	208	40	263		
70	350	10	211	50	259		
80	353	20	215	60	264		
90	338	30	214	70	263		
1600mE	353	40	223	80	268		
		50	217	90	265		
		60	215	600mW	264		
		70	214	10	269		
		80	212	20	268		
		90	214	30	269		
		300mW	217	40	266		
		10	217	50	268		
		20	219	60	268		
		30	221	70	273		

RENISON LIMITED

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572097

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ...13-2-74..... Grid Location: ...MISTY VALLEY..... Line No.: ...M.V.6.....

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.V 6 0mE.	62103	340 mE	62286	0 mW	62407		
10	331	50	281	10	382		
20	299	60	284	20	243		
30	284	70	264	30	220		
40	272	80	247	40	204		
50	273	90	329	50	195		
60	279	400mE	283	60	199		
70	287	10	236	70	193		
80	297	20	254	80	196		
90	312	30	242	90	200		
100mE	320	40	241	100mW	206		
10	329	50	237	10	206		
20	336	60	236	20	207		
30	342	70	227	30	209		
40	345	80	224	40	209		
50	342	90	222	50	203		
60	339	500mE	219	60	200		
70	338	10	221	70	207		
80	330	20	230				
90	328	30	232				
200mE	325	40	225				
10	320						
20	309						
30	306						
40	308						
50	310						
60	317						
70	332						
80	349						
90	324						
300mE	299						
10	267						
20	282						
30	271						

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RENISON LIMITED

572098

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 13-2-74 Grid Location: MISTY VALLEY Line No.: M.V.7

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.V. 7.	0mE	62257	340mE	62211				
	10	258	50	195				
	20	263	60	170				
	30	269	70	159				
	40	260	80	143				
	50	277	90	134				
	60	287	400mE	133				
	70	295	10	124				
	80	305	20	114				
	90	312	30	130				
	100mE	340	40	136				
	10	349	50	137				
	20	388	60	155				
	30	654	70	160				
	40	720	80	159				
	50	670	90	162				
	60	430	500mE	176				
	70	356	10	167				
	80	382	20	163				
	90	460	30	141				
	200mE	517	40	099				
	10	543	50	131				
	20	578	60	094				
	30	597	70	822				
	40	619	80	225				
	50	610	90	216				
	60	528	600mE	188				
	70	458	10					
	80	400	20					
	90	344	30					
	300mE	344	40					
	10	318	50					
	20	290	60					
	30	244	70					

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RENISON LIMITED

572099

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 24-3-74 Grid Location: Misty Valley Line No.: Road Traverse

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
...NCTION Misty Valley – ...EMAN Road	622[illegible]	580mE	62,332	980 m	62316	20m	63088
25mE	219	90	324	90	336	30m	62746
50	219	600mE	311	1000 m.	352	east fork	
75	217	10	302	10	379	0m	63177
100mE	218	20	289	20	409	10	62320
25	216	30	279	30	420	20	346
50	216	40	271	40	447	30	414
75	217	50	261	Dozer track		40	399
200mE	214	60	252	10	441	50	352
25	213	70	245	20	383	60	398
50	217	80	240	30	372	70	452
75	219	90	236	40	344	80	595
300mE	207	700mE	232	50	314	90	582
25	188	10	230	Left hand Fork		100m	521
50	184	20	230	10	305	10	420
75	177	30	231	20	297	20	392
400mE	205	40	227	30	295	30	417
10	222	50	221	Right Hand Fork		40	465
20	212	60	221	0m	62313	50	551
30	232	70	216	10	305	60	639
40	256	80	208	20	294	70	559
50	278	90	208	30	292	80	399
60	210	800mE	206	40	290	90	665
70	315	10	208	50	284	200m	613
80	344	20	208	60	275	10	509
90	367	30	207	70	272	20	479
500m E	384	40	207	location 1040m.		30	426
10	387	50	214	0m	437	40	351
20	393	75	230	10	531	50	316
30	389	900	244	20	630	255m	310
40	372	25	259	30	62692	at Misty Valley Road – 470m.	
50	359	50	272	40	63070		
...e 170mN 60	352	60	282	Western Fork			
70	340	70	297	10m	63853		

RENISON LIMITED

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572100

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 27-2-74 Grid Location: MT. LINDSAY Line No: M.L.1

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.1	0mN	62210	340mN	62161	680mN	62625	1020mN	62502
	10	204	50	168	90	721	30	480
	20	207	60	216	700mN	581	40	467
	30	188	70	174	10	393	50	440
	40	128	80	145	20	343	60	412
	50	124	90	169	30	644	70	417
	60	112	400mN	163	40	538	80	444
	70	205	10	160	50	560	90	491
	80	288	20	164	60	404	1100mN	513
	90	400	30	180	70	332	10	645
	100mN	441	40	188	80	330	20	758
	10	253	50	232	90	240	30	750
	20	161	60	279	800mN	068	40	636
	30	181	70	269	10	436	50	629
	40	169	80	273	20	847	60	670
	50	185	90	282	30	974	70	626
	60	188	500mN	289	40	133	80	687
	70	206	10	326	50	910	90	672
	80	250	20	400	60	631	1200mN	704
	90	274	30	476	70	610	10	725
	200mN	236	40	492	80	529	20	740
	10	217	50	540	90	468	30	681
	20	195	60	502	900mN	436	40	650
	30	194	70	434	10	366	50	628
	40	142	80	421	20	343	60	614
	50	193	90	404	30	—	70	611
	60	085	600mN	406	40	579	80	589
	70	168	10	434	50	584	90	652
	80	143	20	391	60	746	1300mN	762
	90	121	30	460	70	654	10	864
	300mN	111	40	467	80	595	20	649
	10	104	50	471	90	604	30	603
	20	100	60	749	1000mN	640	40	887
	30	105	70	666	10	551	50	638

RENISON LIMITED

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572101

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 27.2.74 Grid Location: Mt. Lindsay Line No.: M.L.1

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.1. 1360mN	62866	1700mN	63025	2040 mN	62741	2380 mN	62897
70	934	10	62912	50	700	90	919
80	890	20	825	60	640	2400 mN	747
90	62 974	30	743	70	594	10	62 912
1400 mN	63054	40	693	80	498	20	63354
10	62806	50	671	90	471	30	363
20	815	60	618	2100mN	1570	40	536
30	719	70	582	10	62823	50	221
40	701	80	543	20	63003	60	017
50	720	90	522	30	62703	70	215
60	758	1800mN	528	40	297	80	343
70	601	10	722	50	630	90	169
80	562	20	666	60	702	2500mN	043
90	565	30	623	70	933	10	029
1500 mN	675	40	380	80	998	20	013
10	820	50	360	90	62974	30	237
20	696	60	343	2200mN	63019	40	650
30	874	70	347	10	62993	50	746
40	895	80	346	20	63090	60	762
50	922	90	374	30	62975	70	786
60	962	1900mN	408	40	63229	80	624
70	918	10	520	50	216	90	403
80	62992	20	680	60	63000	2600 mN	216
90	63050	30	62844	70	053	10	120
1600 mN	106	40	63030	80	056	20	070
10	129	50	62849	90	186	30	328
20	156	60	63169	2300mN	365	40	227
30	150	70	065	10	472	50	212
40	63063	80	63189	20	265		
50	62925	90	62744	30	165		
60	63111	2000mN	724	40	63054		
70	211	10	729	50	62999		
80	379	20	751	60	933 867		
90	129	30	745	70	867		

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RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

Date: ...1-3-74..... Grid Location:..MT. LINDSAY..... Line No.:..M.L.1.....

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.1 0mS	62224						
10	385						
20	164						
30	136						
40	140						
50	138						
60	143						
70	141						
80	140						
90	139						
100mS	139						
10	119						
20	121.						

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572103

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 28-2-74 Grid Location: MT. LINDSAY Line No.: M.L. 2

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 2	0mN	62118	340 mN	62175	680mN	62821	1020 mN	62748
	10	108	50	171	90	672	30	594
	20	101	60	180	700mN	620	40	497
	30	156	70	207	10	551	50	448
	40	183	80	314	20	494	60	395
	50	185	90	344	30	368	70	399
	60	158	400mN	219	40	696	80	351
	70	181	10	181	50	540	90	302
	80	176	20	210	60	509	1100 mN	299
	90	197	30	252	70	546	10	529
	100mN	164	40	347	80	680	20	709
	10	131	50	382	90	62872	30	62922
	20	127	60	499	800mN	63195	40	63017
	30	068	70	566	10	225	50	63000
	40	053	80	840	20	63,244	60	62930
	50	063	90	973	30	62895	70	793
	60	031	500mN	796	40	446	80	622
	70	043	10	552	50	380	90	569
	80	042	20	542	60	355	1200 m N	502
	90	050	30	600	70	300	10	438
	200m N	042	40	502	80	285	20	544
	10	031	50	424	90	299	30	625
	20	025	60	376	900mN	508	40	509
	30	020	70	337	10	448	50	496
	40	022	80	307	20	303	60	455
	50	022	90	307	30	359	70	434
	60	021	600mN	301	40	530	80	455
	70	034	10	285	50	623	90	455
	80	049	20	280	60	585	1300 mN	635
	90	036	30	274	70	657	10	684
	300 m N	032	40	277	80	655	20	580
	10	061	50	463	90	594	30	782
	20	188	60	836	1000mN	681	40	488
	30	216	70	939	10	831	50	546

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572104

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 28.2.74 Grid Location: MT. LINDSAY Line No.: M.L. 2.

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.2	1360 mN	62411	1700mN	62411	2040 mN	63860	2380 mN	62864
	70	381	10	471	50	64035	90	63012
	80	429	20	544	60	63975	2400mN	222
	90	461	30	708	70	307	10	209
	1400mN	459	40	62866	80	458	20	454
	10	62604	50	63041	90	593	30	538
	20	63690	60	456	2100mN	607	40	453
	30	712	70	319	10	680	50	316
	40	963	80	855	20	301	60	188
	50	777	90	348	30	338	70	114
	60	437	1800mN	63067	40	307	80	112
	70	231	10	62928	50	257	90	184
	80	116	20	836	60	226	2500	261
	90	071	30	752	70	351	10	339
	1500mN	051	40	717	80	484	20	263.
	10	035	50	685	90	236		
	20	63008	60	651	2200mN	135	0mS	62120
	30	62959	70	640	10	090	10	127
	40	964	80	634	20	219	20	171
	50	911	90	640	30	466	30	251
	60	808	1900mN	655	40	782	40	256
	70	751	10	704	50	318	50	167
	80	661	20	761	60	236	60	202
	90	625	30	815	70	351	70	235
	1600mN	592	40	876	80	356	80	135
	10	540	50	925	90	286	90	092
	20	493	60	927	2300mN	392	100mS	090
	30	436	70	62964	10	531		
	40	456	80	63103	20	811		
	50	481	90	62846	30	549		
	60	508	2000mN	853	40	489		
	70	432	10	62991	50	63179		
	80	377	20	63162	60	62955		
	90	383	30	395	70	830		

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RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

Date: 1-3-74 Grid Location: MT. LINDSAY Line No.: M.L. 3

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 3 0mN	62324	340mN	62086	680mN	62390	1020mN	62197
10	374	50	084	90	368	30	448
20	270	60	077	700mN	331	40	423
30	216	70	129	10	283	50	380
40	180	80	182	20	254	60	351
50	165	90	189	30	182	70	310
60	153	400mN	193	40	255	80	282
70	165	10	224	50	253	90	229
80	545	20	318	60	736	1100mN	260
90	251	30	376	70	735	10	300
100mN	185	40	533	80	570	20	382
10	162	50	562	90	533	30	469
20	396	60	637	800mN	622	40	401
30	436	70	705	10	753	50	319
40	318	80	674	20	662	60	243
50	306	90	261	30	631	70	363
60	391	500mN	205	40	639	80	551
70	234	10	176	50	621	90	748
80	148	20	123	60	734	1200mN	949
90	115	30	113	70	805	10	800
200mN	090	40	499	80	746	20	62919
10	059	50	674	90	735	30	63005
20	62004	60	436	900mN	798	40	63054
30	61939	70	386	10	848	50	62837
40	930	80	899	20	780	60	670
50	946	90	708	30	694	70	559
60	901	600mN	834	40	659	80	459
70	61994	10	736	50	617	90	427
80	62051	20	563	60	594	1300mN	62548
90	108	30	475	70	569	10	63187
300mN	134	40	446	80	549	20	62943
10	079	50	439	90	547	30	763
20	073	60	448	1000mN	522	40	664
30	097	70	427	10	495	50	564

RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

Date: 1-3-74 Grid Location: MT. LINDSAY Line No.: M.L.3.

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 3. 1360mN	62417	1700 mN	62663	2040 mN	62811	2380 mN	62825
70	559	10	671	50	855	90	63718
80	375	20	662	60	885	2400 mN	296
90	220	30	623	70	908		
1400mN	626	40	555	80	817	0 mS	62321
10	428	50	512	90	710	10	268
20	877	60	448	2100mN	770	20	239
30	62262	70	409	10	851	30	275
40	63728	80	403	20	62956	40	305
50	64073	90	—	30	63123	50	357
60	675	1800 mN	439	40	63284	60	62111
70	64822	10	545	50	236	70	61999
80	65157	20	868	60	267	80	994
90	142	30	904	70	63145	90	61994
1500mN	460	40	780	80	62756	100mS	62006
10	65159	50	735	90	593	10	006
20	64852	60	710	2200mN	563	20	002
30	858	70	781	10	248	30	013
40	702	80	855	20	332	40	011
50	494	90	877	30	62495	50	003
60	496	1900mN	871	40	63091	60	008
70	64090	10	62980	50	63672	70	010
80	63767	20	63375	60	62662		
90	528	30	410	70	62581		
1600mN	391	40	63795	80	61968		
10	244	50	64950	90	62393		
20	63055	60	64205	2300mN	62669		
30	62906	70	63773	10	63262		
40	808	80	64326	20	62899		
50	823	90	64264	30	62745		
60	732	2000mN	63243	40	63649		
70	636	10	63182	50	63262		
80	505	20	62926	60	64818		
90	666	30	818	70	62800		

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PROTON MAGNETOMETER FIELD RECORDINGS

Date: 26-3-74 Grid Location: MT. LINDSAY Line No.: M.L. 4

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
0 ms	62185	280 mN	62149	670 mN	824	1060 mN	392
10 s	61965	290	134	80	124	70	552
20 m	61896	300	118	90	980	80	490
30 m	944	10	140	700 mN	772	90	445
40	946	20	099	10	625	1100 mN	409
50	941	30	068	20	579	10	372
60	944	40	069	30	545	20	62342
70	943	50	048	40	574	30	278
80	946	60	043	50	570	40	260
90	949	70	035	60	572	50	242
100 ms	948	80	043	70	580	60	281
0 mN	62134	90	020	80	582	70	337
10	688	400 mN	003	90	594	80	374
20	940	10	130	800 mN	62800	90	425
30	722	20	62010	10	63015	1200 mN	353
40	574	30	61969	20	62930	10	321
50	427	40	61928	30	743	20	862
60	346	50	62044	840 mN	62638	30	62923
70	302	60	079	50	654	40	63175
80	300	70	022	60	62703	50	63337
90	376	80	028	70	63075	60	64133
100 mN	226	90	030	80	63112	70	235
10	227	500 mN	010	90	62880	80	64120
20	204	10	126	900 mN	760	90	63980
30	234	20	416	10	713	1300 mN	63660
40	459	30	280	20	613	10	62904
50	200	40	217	30	809	20	63143
60	218	50	161	40	829	30	683
70	189	560mN	62150	50	910	40	457
80	123	70	137	60	62999	50	63065
90	119	80	145	70	963	60	62738
200 mN	094	90	148	80	945	70	507
10	095	600 mN	146	90	880	80	378
20	143	10	272	1000 mN	898	90	170
30	291	20	352	10	770	1400 mN	62009
40	231	30	629	20	680	10	62079
50	196	40	505	30	647	20	61750
60	195	50	359	40	617	30	62042
70	171	60	394	50	605	40	728

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PROTON MAGNETOMETER FIELD RECORDINGS

Date: 26-3-74 Grid Location: MT. LINDSAY Line No.: M.L. 4

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
1450 mN	428	1830 mN	667	2210 mN	63126		
60	508	40	613	20	62791		
70	62972	50	611	30	629		
80	63294	60	756	40	493		
90	448	70	853	50	560		
1500 mN	63994	80	62969	60	599		
10	64272	90	63160	70	593		
20	341	1900 mN	246	80	62723		
30	503	10	226	90	675		
40	757	20	263	2300	62790		
50	64784	30	253				
60	65136	40	63030				
70	280	50	62805				
80	65005	60	62672				
90	64653	70	665				
1600 mN	64066	80	486				
10	63744	90	397				
20	562	2000 mN	62606				
30	483	10	63331				
40	492	20	359				
50	683	30	626				
60	976	40	596				
70	911	50	823				
80	63622	60	592				
90	63110	70	63259				
1700 mN	62771	80	62993				
10	512	90	879				
20	270	2100 mN	62878				
30	066	10	63060				
40	280	20	398				
50	273	30	63961				
60	273	40	64237				
70	398	50	248				
80	584	60	64254				
90	638	70	63874				
1800 mN	566	80	994				
10	681	90	917				
20	673	2200 mN	526				

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PROTON MAGNETOMETER FIELD RECORDINGS

Date: 2-3-74 27-3-74 Grid Location: MT. LINDSAY Line No.: M.L. 5

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 5	0mN	62356	340 mN	62218	680 mN	62539	1020 mN	63165
	10	540	50	201	90	547	30	129
	20	507	60	184	700 mN	689	40	134
	30	442	70	160	10	62946	50	362
	40	387	80	174	20	63050	60	63104
	50	325	90	152	30	62961	70	62894
	60	281	400mN	126	40	62857	80	696
	70	284	10	103	50	63290	90	585
	80	422	20	088	60	302	1100mN	490
	90	567	30	081	70	63148	10	463
	100 mN	514	40	096	80	62970	20	450
	10	425	50	146	90	891	30	447
	20	339	60	176	800mN	858	40	454
	30	301	70	127	10	847	50	519
	40	248	80	045	20	62902	60	868
	50	248	90	606	30	63060	70	976
	60	254 (267)	500mN	672	40	489	80	902
	70	286 (297)	10	415	50	404	90	557
	80	279 (289)	20	217	60	63067	1200mN	309
	90	273 (290)	30	189	70	62829	10	140
	200 mN	286 (290)	40	139	80	698	20	62019
	10	266	50	090	90	584	30	61972
	20	316	60	188	900mN	544	40	62069
	30	308	70	304	10	512	50	62474
	40	252	80	332	20	529	60	61832
	50	264	90	210	30	727	70	61617
	60	245	600 mN	168	40	906	80	62320
	70	234	10	148	50	972	90	61372
	80	210	20	177	60	944	1300 mN	62608
	90	238	30	227	70	888	10	63341
	300 mN	211	40	353 (329)	80	62971	20	769
	10	224	50	507 (501)	90	63000	30	795
	20	237	60	491	1000mN	144	40	564
	30	236	70	740	10	220	50	644

RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

572110

Date: 28-3-74 Grid Location: MT. LINDSAY Line No.: M.L.S

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.S 1360 mN	63390	1700mN	62993	2040 mN	62022	2380mN	62367
70	325	10	844	50	61990	90	574
80	361	20	722	60	61977	2400mN	862
90	298	30	535	70	62260	10	62704
1400 mN	63042	40	379	80	63113	20	63580
10	62980	50	255	90	165	30	696
20	700	60	801	2100mN	238	40	132
30	569	70	62948	10	592	50	63181
40	401	80	63419	20	820	60	64519
50	349	90	903	30	620	70	63350
60	154	1800mN	924	40	428	80	62072
70	392	10	620	50	295	90	63606
80	62835	20	344	60	335	2500mN	64828
90	63120	30	63354	70	539	10	65640
1500mN	64107	40	62781	80	63185	20	59500
10	63817	50	434	90	62989	30	66548
20	513	60	248	2200mN	63311	40	65909
30	63900	70	141	10	336	50	64617
40	64140	80	079	20	63044	60	64185
50	249	90	067	30	62896	70	63857
60	64129	1900mN	334	40	62856	80	669
70	65110	10	540	50	63000	90	63270
80	484	20	579	60	63549	2600mN	63052
90	65970	30	830	70	64022	10	62982
1600mN	64900	40	62944	80	64834	20	896
10	65349	50	63600	90	65634	30	867
20	65846	60	63345	2300mN	64000	40	871
30	65554	70	62811	10	63788	50	905
40	64983	80	519	20	64021	60	868
50	64191	90	372	30	64336	70	824
60	63745	2000mN	287	40	63462	80	721
70	492	10	284	50	63100	90	62719
80	289	20	228	60	62570	2700mN	63063 (068)
90	63142	30	111	70	724	10	108

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RENISON LIMITED

572111

PROTON MAGNETOMETER FIELD RECORDINGS.

Date: 28-3-74 & 26-3-74 Grid Location: MT. LINDSAY Line No: M.L.S.

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.S 2720m N	63109	0m S	62360	340m S	6202		
30	020	10	338	50	107		
40	128	20	62032	75	128		
50	364	30	61973	400m S	129		
60	435	40	988	25	135		
70	370	50	984	50	136		
80	121	60	974	75	141		
90	321	70	965	500m S	149		
2800m N	63505	80	957	25	158		
10	64110	90	955	50	170		
20	64047	100m S	948	75	182		
30	63766	10	944	600m S	191		
40	63200	20	940	25	201		
50	62916	30	940	50	208		
60	927	40	951	75	216		
70	893	50	968	700m S	221		
80	547	60	972	25	229		
90	62239	70	983	50	237		
2900m N.	61986	80	61996	75	241		
		90	62006	800m S.	248		
		200m S	021	25	252		
		10	029	50	282		
		20	039	75	267		
		30	047	900m S.	271		
		40	054	25	274		
		50	062				
		60	073				
		70	080				
		80	080				
		90	079				
		300m S	083				
		10	087				
		20	094				
		30	099				

RENISON LIMITED

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572112

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 27-3-74 28-3-74 Grid Location: MT. LINDSAY Line No.: M.L.6

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.6 0 m S.	63100	0 m N	63123	340 m N	62146	680 m N	62287
10	62112	10	63540	50	118	90	456
20	062	20	62860	60	100	700 m N	62631 (631)
30	043	30	484	70	082	10	62637
		40	343	80	024	20	63400
		50	264	90	053	30	62804
		60	181	400 m N	051	40	779
		70	143	10	045	50	754
		80	263	20	025	60	62743
		90	316	30	005	70	63012
		100 m N	279	40	162	80	626
		10	100	50	243	90	029
		20	060	60	378	800 m N	029
		30	62073	70	489	10	441
		40	61970	80	444	20	63874
		50	62343	90	284	30	64027
		60	651	500 m N	204	40	64020
		70	566	10	054	50	63982
		80	410	20	024	60	64132
		90	335	30	005	70	757
		200 m N	323	40	075	80	371
		10	265	50	251	90	249
		20	277	60	355	900 m N	184
		30	266	70	216	10	351
		40	257	80	166	20	423
		50	256	90	130	30	64164
		60	262	600 m N	107	40	62906
		70	254	10	093	50	741
		80	244	20	087	60	655
		90	200	30	090	70	502
		300 m N	184	40	112	80	398
		10	174	50	137	90	437
		20	183	60	158	1000 m N	62975
		30	175	70	204	10	63648

RENISON LIMITED

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572113

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 9-4-74 Grid Location: MT. LINDSAY Line No.: M.L.6

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.6 1020mN	63688	1360mN	60977	1700mN	63342	2040mN	63823
30	62759	70	60702	10	328	50	748
40	63144	80	61494	20	258	60	835
50	63012	90	62325	30	122	70	63318
60	62849	1400mN	596	40	63009	80	62712
70	63058	10	390	50	62883	90	454
80	656	20	62969	60	767	2100mN	188
90	647	30	63003	70	615	10	62042
1100mN	472	40	427	80	520	20	61947
10	344	50	715	90	475	30	835
20	235	60	977	1800mN	415	40	732
30	317	70	910	10	372	50	667
40	192	80	727	20	472	60	583
50	62988	90	806	30	485	70	61959
60	63367	1500mN	63827	40	62303	80	62141
70	425	10	64164	50	60852	90	203
80	125	20	618	60	61903	2200mN	407
90	63008	30	843	70	61763	10	62549
1200mN	62940	40	603	80	62660	20	63135
10	841	50	64545	90	613	30	63139
20	783	60	65187	1900mN	666	40	627-8
30	684	70	62434	10	641	50	359
40	589	80	448	20	62698	60	023
50	380	90	62600	30	63173	70	62,410
60	204	1600mN	61997	40	63924	80	63736
70	62042	10	62285	50	64063	90	63087
80	61858	20	61927	60	63328	2300mN	62616
90	733	30	64928	70	348	10	62744
1300mN	623	40	65734	80	553	20	63306
10	435	50	66540	90	712	30	62906
20	260	60	65409	2000mN	63465	40	389
30	162	70	64075	10	62584	50	179
40	042	80	63095	20	62698	60	556
50	61088	90	400	30	64013		

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RENISON LIMITED

572114

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 9-4-74 Grid Location: Mt. LINDSAY Line No.: M.L.6

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 6	2370mN	62165	2710 mN	63985	3050mN	65984		
	80	332	20	64128	60	64840		
	90	500	30	65038	70	66147		
	2400 mN	402	40	64706	80	65530		
	10	62082	50	323	90	64160		
	20	63790	60	64078	3100 mN	63416		
	30	64017	70	63219				
	40	65510	80	62966				
	50	63365	90	714				
	60	62521	2800mN	614				
	70	902	10	630				
	80	62507	20	633				
	90	59940	30	617				
	2500mN	61712	40	62620				
	10	616	50	593				
	20	449	60	62427				
	30	61735	70	63261				
	40	62180	80	63214				
	50	62442	90	62806				
	60	61843	2900 mN	671				
	70	61604	10	62956				
	80	62251	20	63035				
	90	63252	30	62703				
	2600mN	416	40	862				
	10	190	50	859				
	20	63493	60	651				
	30	62990	70	62349				
	40	63863	80	6313				
	50	64619	90	433				
	60	63872	3000mN	906				
	70	64174	10	716				
	80	63921	20	63816				
	90	64070	30	64166				
	2700mN	64152	40	63968				

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RENISON LIMITED

572115

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 22-3-74 & 9-4-74 Grid Location: MT. LINDSAY Line No.: M.L.7.

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.7.	0mS	62034	0mN	62042	340mN	62157	680mN	62075
	10	041	10	045	50	095	90	042
	20	040	20	024	60	62061	700mN	003
	30	030	30	057	70	61986	10	332
	40	031	40	274	80	940	20	940
	50	033	50	465	90	891	30	62950
	75	056	60	366	400mN	909	40	63208
	100mS.	072	70	301	10	927	50	166
			80	254	20	966	60	146
			90	205	30	61953	70	209
			100mN	166	40	62049	80	527
			10	155	50	067	90	532
			20	167	60	113	800mN	481
			30	253	70	192	10	206 (293)
			40	227	80	329	20	63033 (101)
			50	187	90	344	30	62944 (976)
			60	151	500mN	398	40	798 (845)
			70	120	10	281	50	707 (717)
			80	104	20	189	60	642
			90	123	30	131	70	644
			200mN	160	40	090	80	62744
			10	224	50	62015	90	63123
			20	252	60	61935	900mN	63144
			30	427	70	850	10	62974
			40	632	80	800	20	64879
			50	541	90	759	30	63680
			60	467	600mN	735	40	64420
			70	512	10	732	50	64597
			80	475	20	61855	60	63740
			90	390	30	62034	70	65320
			300mN	455	40	177	80	64340
			10	456	50	192	90	64324
			20	591	60	161	1000mN	63827
			30	310	70	098	10	383.

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572116

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ...9-4-74..... Grid Location:...MT. LINDSAY..... Line No.:...M.L.7.....

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.7	1020 mN	63129	1360 mN	62629	1700 mN	64940	2040 mN	61150
	30	004	70	540	10	64267	50	127
	40	63003	80	417	20	63830	60	127
	50	62953	90	223	30	63372	70	61165
	60	873	1400 mN	62079	40	62233	80	62197
	70	665	10	61977	50	63132	90	61488
	80	516	20	851	60	078	2100 mN	61389
	90	405	30	692	70	067	10	63334
	1100 mN	446	40	554	80	632	20	64179
	10	62620	50	440	90	63355	30	63760
	20	63122	60	441	1800 mN	62675	40	63853
	30	64549	70	426	10	602	50	64920
	40	63510	80	616	20	535	60	917
	50	63313	90	714	30	426	70	64132
	60	62297	1500 mN	653	40	324	80	63788
	70	589	10	435	50	244	90	200
	80	556	20	61407	60	204	2200 mN	63089
	90	721	30	60992	70	185	10	62590
	1200 mN	314	40	61216	80	210	20	61818
	10	218	50	678	90	62035	30	282
	20	62562	60	866	1900 mN	61972	40	326
	30	63258	70	61952	10	62004	50	315
	40	63705	80	62191	20	62549	60	407
	50	64520	90	62856	30	61663	70	437
	60	64116	1600 mN	63320	40	777	80	460
	70	63883	10	341	50	739	90	462
	80	605	20	63691	60	725	2300 mN	441
	90	391	30	64291	70	822	10	626
	1300 mN	329	40	759	80	933	20	61724
	10	63206	50	944	90	61899	30	62044
	20	62945	60	806	2000 mN	62435	40	231
	30	796	70	018	10	61882	50	729
	40	695	80	134	20	403	60	62751
	50	659	90	912	30	302	70	61398

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PROTON MAGNETOMETER FIELD RECORDINGS

572117

Date: 9-4-74 Grid Location: Mt. Lindsay Line No.: M6-7

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
2380mN	61812	2720mN	62917	3060 mN	64498		
90	61928	30	605	70	64356		
2400mN	62393	40	285	80	65370		
10	610	50	674	90	189		
20	710	60	891	3100m N	059		
30	62839	70	593	10	65584		
40	63092	80	351	20	64257		
50	148	90	479				
60	050	2800 mN	501				
70	913	10	62527				
80	508	20	63637				
90	379	30	64614				
2500mN	545	40	64751				
10	63186	50	65358				
20	62446	60	62635				
30	62849	70	61807				
40	64027	80	59100				
50	64573	90	66912				
60	63631	2900mN	64280				
70	303	10	63215				
80	63150	20	62593				
90	62921	30	62034				
2600mN	999	40	61376				
10	849	50	64321				
20	738	60	64270				
30	815	70	63646				
40	62285	80	812				
50	61474	90	088				
60	61603	3000mN	63079				
70	62325	10	62643				
80	62260	20	391				
90	63130	30	62902				
2700mN	63048	40	63288				
10	62557	50	63315				

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RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

Date: 8-4-74 Grid Location: Mt. Lindsay Line No.: M.L.8

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.8	0mS	62072	0mN	62075	340mN	62094	680mN	61594
	10	061	10	089	50	401	90	396
	20	057	20	118	60	62760	700mN	353
	30	045	30	169	70	63017	10	61860
	40	035	40	432	80	62903	20	62373
	50	028	50	337	90	289	30	62098
	57mS	019	60	380	400mN	181	40	64143
			70	343	10	222	50	65109
			80	343	20	314	60	66314
			90	344	30	293	70	65069
			100mN	318	40	341	80	64525
			10	298	50	464	90	65071
			20	313	60	593	800mN	64880 (878)
			30	345	70	571	10	64473 (461)
			40	333	80	307	20	63762
			50	265	90	198	30	026
			60	250	500mN	110	40	63039
			70	280	10	081	50	62763
			80	263	20	106	60	590
			90	282	30	186	70	62637
			200mN	305	40	244	80	63120
			10	307	50	250	90	62962
			20	386	60	224	900mN	63492
			30	309	70	140	10	65150
			40	279	80	62001	20	64002
			50	271	90	61818	30	63762
			60	263	600mN	588	40	63872
			70	202	10	751	50	64501
			80	164	20	789	60	64858
			90	122	30	61771	70	65539
			300mN	62054	40	62389	80	65229
			10	61999	50	407	90	66308
			20	941	60	62148	1000mN	65262
			30	61975	70	61847	10	64157

RENISON LIMITED

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572119

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 23-4-74 Grid Location: MT. LINDSAY Line No.: M.L.8

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 8	1020mN	63817	1360mN	63343	1700mN	64 410	2040mN	61681
	30	598	70	65143	10	509	50	717
	40	353	80	933	20	310	60	792
	50	63056	90	340	30	64176	70	822
	60	62856	1400mN	65372	40	63758	80	781
	70	649	10	64460	50	412	90	684
	80	477	20	64070	60	63179	2100mN	616
	90	62118	30	63899	70	62970	10	588
	1100mN	61786	40	320	80	987	20	638
	10	724	50	322	90	818	30	820
	20	290	60	288	1800mN	699	40	888
	30	074	70	63052	10	556	50	898
	40	590	80	62930	20	609	60	739
	50	61579	90	698	30	493	70	768
	60	62065	1500mN	252	40	420	80	61917
	70	62168	10	035	50	375	90	62217
	80	63790	20	62693	60	374	2200 mN	61886
	90	330	30	63144	70	457	10	61752
	1200mN	478	40	62826	80	625	20	62650
	10	492	50	62799	90	960	30	62035
	20	63562	60	63065	1900mN	728	40	61413
	30	64007	70	63184	10	306	50	607
	40	820	80	62149	20	62148	60	035
	50	64379	90	63306	30	61955	70	170
	60	62128	1600mN	59414	40	61931	80	393
	70	62779	10	65546	50	62479	90	61744
	80	63141	20	65444	60	63347	2300 mN	62324
	90	608	30	65755	70	898	10	623
	1300mN	63391	40	64899	80	870	20	703
	10	64122	50	66164	90	63342	30	733
	20	63[illegible]	60	65636	2000mN	62366	40	636
	30	377	70	64646	10	61905	50	616
	40	130	80	367	20	686	60	803
	50	005	90	392	30	660	70	868

RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

Date: 23-4-74 Grid Location: MT LINDSAY Line No.: M.L.8.

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.8.	2380mN	62924	2720mN	63569	3060mN	62849	3400mN	62287
	90	63022	30	61160	70	65507	10	62000
	2400mN	213	40	63047	80	456	20	61991
	10	320	50	63079	90	65507	30	61996
	20	483	60	62426	3100mN	64930	40	62425
	30	636	70	574	10	63744	50	64003
	40	736	80	279	20	62911	60	62445
	50	63945	90	62054	30	62041	70	62216
	60	64050	2800mN	61959	40	63643	80	63153
	70	313	10	813	50	649	90	64162
	80	474	20	61937	60	342		
	90	64106	30	62566	70	252		
	2500mN	63989	40	63861	80	423		
	10	645	50	63862	90	358		
	20	447	60	64864	3200mN	63710		
	30	271	70	64277	10	64138		
	40	63229	80	63269	20	63070		
	50	62813	90	62698	30	61351		
	60	63226	2900mN	62840	40	844		
	70	62745	10	63315	50	61251		
	80	62675	20	267	60	60559		
	90	63020	30	350	70	58915		
	2600mN	62831	40	479	80	63806		
	10	678	50	195	90	59516		
	20	958	60	805	3300mN	61883		
	30	846	70	834	10	62324		
	40	731	80	63071	20	64453		
	50	658	90	62949	30	63164		
	60	468	3000mN	890	40	62579		
	70	450	10	757	50	600		
	80	62126	20	630	60	62923		
	90	63639	30	487	70	63969		
	2700mN	63460	40	396	80	62758		
	10	62981	50	424	90	489		

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 8-4-74 & 15-5-74 Grid Location: Mt Lindsay Line No.: M.L.9

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.9 0mS	62177	M.L.9. 0mN	62177	Licence Boundary.			
10	176	10	194				
20	165	20	272				
30	166	30	657				
40	162	40	613				
		50	565				
		60	519				
		70	446				
		80	396				
		90	397				
		100mN	531				
		10	572				
		20	685				
		30	578				
		40	753				
		50	829				
		60	874				
		70	811				
		80	499				
		90	296				
		200mN	260				
		10	266				
		20	283				
		30	260				
		40	62068				
		50	61986				
		60	950				
		70	61985				
		80	62024				
		90	942				
		300mN	613				
		10	62903				
		20	63617				
		30	64591				

RENISON LIMITED

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572122

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ...8-4-74...15-5-74... Grid Location: MT LINDSAY ..... Line No.: M.L.9.....

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
L.9.				340mN	64530	680mN	63420
				50	64000	90	669
				60	63534	700mN	63827 (845)
				70	62476	10	64100 (045)
				80	61825	20	64290 (402)
				90	61573	30	85287 (129)
				400mN	62040	40	64714
				10	62461	50	64158
				20	63934	60	63578
				30	64000	70	63123
				40	63369	80	64193
				50	334	90	64656
				60	63146	800mN	63503
				70	62972	10	62691
				80	817	20	61863
				90	718	30	62254
				500mN	627	40	63994
				10	540	50	62352
				20	463	60	61207
				30	340	70	61624
				40	209	80	63570
				50	100	90	64097
				60	62011	900mN	65522
				70	61903	10	65503
				80	765	20	66799
				90	513	30	65077
				600mN	393	40	61759
				10	649	50	65505
				20	61625	60	649
				30	62118	70	65305
				40	684	80	64470
				50	62542	90	822
				60	63375	1000mN	547
		Licence	Boundary.	70	389	10	906

RENISON LIMITED

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572123

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 15-5-74 23-4-74 Grid Location: MT. LINDSAY Line No.: M.L.9.

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.9.	1020mN	64233	1360mN	63320	1700mN	66165	2040mN	60675
	30	63739	70	263	10	65324	50	63207
	40	461	80	63582	20	64690	60	63111
	50	63190	90	64620	30	550	70	62982
	60	62848	1400mN	64086	40	248	80	62800
	70	590	10	63884	50	64427	90	63396
	80	447	20	64076	60	63772	2100mN	64610
	90	62806	30	593	70	437	10	636
	1100mN	63629	40	480	80	63100	20	64098
	10	580	50	64320	90	62366	30	63655
	20	63666	60	64978	1800mN	66540	40	62963
	30	62897	70	63250	10	64272	50	269
	40	628	80	62963	20	64118	60	494
	50	392	90	63446	30	63544	70	293
	60	62308	1500mN	126	40	62992	80	065
	70	61597	10	63025	50	62780	90	114
	80	61755	20	62632	60	63412	2200mN	389
	90	62536	30	63315	70	304	10	280
	1200mN	280	40	62516	80	404	20	055
	10	62102	50	320	90	270	30	682
	20	61750	60	62188	1900mN	63255	40	62909
	30	61387	70	63913	10	62861	50	63676
	40	62358	80	64484	20	692	60	64010
	50	63338	90	65094	30	484	70	64178
	60	61694	1600mN	64353	40	62175	80	63747
	70	370	10	66200	50	61380	90	208
	80	213	20	66312	60	61850	2300mN	481
	90	250	30	67242	70	63231	10	465
	1300mN	265	40	67164	80	64254	20	63541
	10	203	50	66657	90	65160	30	64300
	20	61624	60	738	2000mN	65008	40	64480
	30	62023	70	66555	10	64041	50	65066
	40	62752	80	—	20	64670	60	392
	50	63153	90	67100	30	62273	70	65995

RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

572124

Date: 23-4-74 Grid Location: MT. LINDSAY Line No.: M.L.9.

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.9.	2380mN	66396	2720 mN	61703	3060 mN	62809	3400 mN	61611
	90	66785	30	62413	70	383	10	65633
	2400 mN	67200	40	61741	80	057	20	64617
	10	66875	50	62065	90	462	30	62689
	20	65998	60	564	3100mN	174	40	368
	30	525	70	461	10	991	50	106
	40	390	80	647	20	121	60	442
	50	530	90	62389	30	927	70	62632
	60	577	2800mN	63524	40	967	80	63414
	70	65803	10	64270	50	62752		
	80	64906	20	63623	60	64028		
	90	65230	30	449	70	64850		
	2500mN	64909	40	63192	80	65570		
	10	674	50	62852	90	63657		
	20	567	60	187	3200mN	63053		
	30	573	70	62855	10	65041		
	40	250	80	63609	20	66471		
	50	64885	90	64075	30	808		
	60	65063	2900mN	63808	40	66870		
	70	64704	10	62903	50	67839		
	80	63858	20	860	60	67590		
	90	63278	30	662	70	66936		
	2600mN	62847	40	595	80	63800		
	10	545	50	621	90	61327		
	20	586	60	660	3300mN	61915		
	30	060	70	700	10	62590		
	40	62041	80	604	20	64357		
	50	61998	90	603	30	62514		
	60	61952	3000mN	704	40	545		
	70	62166	10	750	50	280		
	80	62189	20	759	60	487		
	90	61709	30	705	70	450		
	2700mN	606	40	844	80	769		
	10	701	50	976	90	62309		

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 29-4-74 12-4-74 Grid Location: MT LINDSAY Line No.: M.L10

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
		0mS	62370	625mS	62244		
		10	469	50	246		
		20	600	75	255		
		30	653	700mS	264		
		40	673	25	272		
		50	690	50	276		
		75	680	75	280		
		100mS	520	800mS	231		
		10	439	25	284		
		20	390	50	295		
		30	341	75	278		
		40	305	900mS	288		
		50	279	25	296		
		60	254	50	300		
		70	230	75	306		
		80	212	1000mS	307		
		90	204	25	315.		
		200mS	196				
		25	189				
		50	181				
		75	174				
		300mS.	170				
		25	177				
		50	172				
		75	174				
		400mS	179				
		25	186				
		50	196				
		75	213				
		500mS	223				
		25	226				
		50	234				
		75	238				

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 18-4-74 24-4-74 Grid Location: MT LINDSAY Line No.: M.L. 10

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 10	0mN	62367	340 mN	64040	680 mN	61880		
	10	272	50	64037	90	62644		
	20	378	60	63587	700 mN	63828		
	30	063	70	396	Licence	Boundary.		
	40	019	80	192				
	50	014	90	63049				
	60	030	400mN	62950				
	70	058	10	62898				
	80	339	20	63128				
	90	463	30	64016				
	100mN	678	40	65402				
	10	871	50	842				
	20	975	60	65449				
	30	625	70	64634				
	40	551	80	65114				
	50	506	90	64547				
	60	511	500mN	63850				
	70	537	10	571				
	80	552	20	327				
	90	435	30	63061				
	200mN	326	40	62828				
	10	175	50	704				
	20	62017	60	607				
	30	61743	70	541				
	40	504	80	573				
	50	304	90	502				
	60	185	600mN	335				
	70	61167	10	144				
	80	60878	20	62013				
	90	61317	30	61859				
	300mN	610	40	805				
	10	61813	50	61983				
	20	62751	60	62927				
	30	63157	70	62923				

RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

Date: 23-4-74 24-4-74 Grid Location: MT. LINDSAY Line No.: M.L. 10

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
L.10.						1020 mN	63704
						30	66009
				Licence	Boundary		
				700 mN	63828	40	407
				10	64212	50	66043
				20	63676	60	65853
				30	63473	70	65575
				40	62409	80	64797
				50	63075	90	723
				60	64366	1100mN	64163
				70	63320	10	63859
				80	62686	20	63596
				90	650	30	64289
				800 mN	62774	40	61909
				10	63212	50	57882
				20	63858	60	61927
				30	65654	70	66090
				40	66346	80	64464
				50	373	90	63343
				60	426	1200 mN	63031
				70	66450	10	62646
				80	65003	20	453
				90	64454	30	285
				900 mN	63916	40	287
				10	63112	50	62245
				20	62907	60	61970
				30	63121	70	628
				40	63078	80	406
				50	62976	90	225
				60	610	1300mN	61017
				70	428	10	60888
				80	62231	20	644
				90	61986	30	490
				1000mN	61957	40	528
				10	62720	50	60744

RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

572128

Date: 10-4-74 & 24-4-74 Grid Location: MT. LINDSAY Line No.: M.L 10

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L 10. 1360mN	61262	1700mN	62965	2040mN	61751	2380mN	63469
70	813	10	62377	50	634	90	079
80	61920	20	63210	60	725	2400mN	168
90	62755	30	62542	70	61890	10	63741
1400mN	63290	40	61931	80	62072	20	64022
10	487	50	61899	90	637	30	145
20	376	60	62247	2100mN	328	40	107
30	63110	70	61941	10	62067	50	114
40	62790	80	954	20	61846	60	255
50	343	90	993	30	695	70	359
60	721	1800mN	983	40	619	80	64155
70	610	10	61967	50	591	90	63899
80	496	20	62021	60	547	2500mN	488
90	358	30	61993	70	560	10	242
1500mN	62847	40	924	80	548	20	378
10	63136	50	921	90	645	30	375
20	140	60	913	2200mN	61877	40	367
30	63932	70	910	10	62145	50	63040
40	64371	80	920	20	63071	60	62698
50	074	90	939	30	63308	70	476
60	64052	1900mN	936	40	64705	80	140
70	63904	10	930	50	65080	90	040
80	64078	20	867	60	64753	2600mN	107
90	64187	30	799	70	63989	10	62663
1600mN	63779	40	763	80	63821	20	63359
10	63273	50	751	90	62685	30	63025
20	62961	60	747	2300mN	60492	40	62752
30	63011	70	920	10	62167	50	587
40	62945	80	61900	20	61682	60	450
50	699	90	62095	30	58500	70	245
60	791	2000mN	62347	40	60335	80	190
70	506	10	63171	50	62238	90	247
80	432	20	64069	60	65125	2700mN	62078
90	770	30	62353	70	64727	10	63500

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PROTON MAGNETOMETER FIELD RECORDINGS

572129

Date: 24-4-74 to 10-4-74 Grid Location: MT LINDSAY Line No.: M.L.10

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.10 2720mN	63257						
30	63723						
40	65000						
50	64240						
60	64160						
70	63226						
80	120						
90	189						
2800 mN	547						
10	775						
20	63935						
30	64050						
40	64357						
50	63591						
60	465						
70	388						
80	240						
90	097						
2900m N	63048						
10	62693						
20	62531						
30	63385						
40	521						
50	63510						
60	62903						
65	843						

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 6-4-74 Grid Location: Mt. Lindsay Line No.: M.L.11

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 11. 0mS	62999	550 mS	62225	1400mS	62332		
10	63152	75	234	25	338		
20	63400	600 mS	242	50	338		
30	63700	25	243	75	343		
40	113	50	250	1500mS	346		
50	184	75	262				
60	200	700 mS	269				
70	63288	25	279				
80	62902	50	289				
90	918	75	284				
100 mS	402	800 mS	286				
10	62954	25	290				
20	63012	50	296				
30	63193	75	295				
40	64024	900mS	296				
50	63034	25	288				
60	62550	50	295				
70	389	75	300				
80	320	1000mS	296				
90	260	25	297				
200mS	246	50	297				
25	211	75	301				
50	181	1100mS	305				
75	158	25	307				
300 mS	193	50	309				
25	207	75	313				
50	218	1200mS	311				
75	228	25	312				
400mS	237	50	315				
25	243	75	319				
50	249	1300mS	325				
75	258	25	328				
500mS	229	50	329				
25	232	75	334				

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572131

REVISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 10-4-74 Grid Location: Mt. Lindsay Line No.: M.L. 11

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 11	0mN	62999	340mN	60599	680mN	63399	1020 mN	62622
	10	831	50	60737	90	62817	30	63264
	20	683	60	61916	700mN	61866	40	344
	30	535	70	63496	10	61696	50	413
	40	440	80	179	20	62290	60	501
	50	377	90	63606	30	63699	70	462
	60	284	400mN	65008	40	64042	80	63298
	70	163	10	64076	50	467	90	63000
	80	089	20	63029	60	715	1100mN	62609
	90	62008	30	104	70	751	Licence	boundary.
	100mN	61956	40	201	80	835		
	10	937	50	272	90	—		
	20	960	60	63017	800mN	64865		
	30	974	70	62739	10	65038		
	40	967	80	036	20	744		
	50	61985	90	203	30	65233		
	60	62154	500mN	62660	40	64462		
	70	62242	10	63442	50	749		
	80	61998	20	64052	60	64363		
	90	800	30	64042	70	62919		
	200mN	828	40	63894	80	692		
	10	815	50	903(943)	90	633		
	20	786	60	551(485)	900mN	560		
	30	732	70	63693(64025)	10	62428		
	40	651	80	64150 (257)	20	63303		
	50	541	90	65359	30	63049		
	60	350	600mN	64916	40	62713		
	70	363	10	64920	50	545		
	80	358	20	63840	60	431		
	90	254	30	63296	70	412		
	300mN	183	40	62849	80	62382		
	10	61117	50	613	90	61575		
	20	60942	60	62125	1000mN	61389.		
	30	712	70	61439	10	62910		

RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

572132

Date: ...10-4-74..... Grid Location: ...Mt. Lyell..... Line No.: ...M.L.N.....

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.N.							
						Licence	Boundary
						1100mN	62609
						10	62210
						20	60935
						30	61101
						40	61330
						50	62805
						60	63428
						70	329
						80	514
						90	63207
						1200mN	62743
						10	647
						20	264
						30	62002
						40	61899
						50	584
						60	384
						70	700
						80	089
						90	61196
						1300mN	62361
						10	63798
						20	598
						30	63953
						40	64449
						50	64372.

RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

572133

Date: 20-4-74 24-4-74 Grid Location: MT. LINDSAY Line No.: M.L.11

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 11 1360 mN.	63850	1700 mN	66418	2040m N	61399	2380m N	70092
70	64429	10	64468	50	230	90	70534
80	63885	20	63220	60	61057	2400m N	69071
90	64417	30	62646	70	60904	10	497
1400m N	64259	40	62503	80	61959	20	69214
10	63570	50	448	90	63627	30	67753
20	63085	60	453	2100mN	215	40	66591
30	62865	70	643	10	63827	50	65858
40	698	80	999	20	62503	60	65440
50	992	90	748	30	61954	70	64515
60	62553	1800m N	700 (714)	40	62035	80	64970
70	61200	10	440	50	61675	90	62834
80	62207	20	205	60	318	2500 mN	63378
90	64147	30	030	70	61202	10	176
1500m N	63606	40	082	80	60600	20	370
10	63569	50	227	90	61278	30	385
20	62530	60	618	2200 m N	257	40	413
30	63336	70	878	10	61873	50	631214
40	64657	80	62046	20	62089	60	62668
50	865	90	61824	30	63263	70	633
60	64239	1900 mN	692	40	367	80	601
70	62780	10	625	50	479	90	544
80	350	20	594	60	63880	2600 m N	398
90	374	30	577	70	64336	10	415
1600 mN	579	40	637	80	65603	20	62978
10	624	50	726	90	67111	30	63101
20	347	60	764	2300mN	993	40	62703
30	62148	70	766	10	67860	50	672
40	64430	80	61755	20	68426	60	789
50	64610	90	62800	30	60350	70	915
60	62552	2000 m N	61850	40	60126	80	517
70	62339	10	582	50	59700	90	734
80	63680	20	726	60	59700	2700mN	786
90	62815	30	577	70	59059	10	579

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RENISON LIMITED

572134

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 24-4-74 Grid Location: MT. LINDSAY Line No.: M.L.11

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.11. 2720 mN	62488	3060 mN	62327	3400 mN	62440		
30	458	70	63245	10	63129		
40	367	80	58700	20	62694		
50	065	90	61108	30	509		
60	62036	3100 mN	61133	40	62927		
70	161	10	62742	50	63144		
80	117	20	64168	60	618		
90	077	30	63226	70	893		
2800 mN	012	40	60806	80	63740		
10	128	50	63181	90	64247		
20	473	60	60850	3500 mN	64340		
30	632	70	65525	10	63940		
40	852	80	62163				
50	014	90	61361				
60	265	3200 mN	62824				
70	583	10	58408				
80	381	20	64300				
90	355	30	60000				
2900 mN	077	40	62903				
10	157	50	63108				
20	434	60	62834				
30	62155	70	61594				
40	63516	80	58940				
50	65800	90	61437				
60	60050	3300 mN	623				
70	59205	10	047				
80	60359	20	61446				
90	61964	30	62437				
3000 mN	61400	40	756				
10	62478	50	62019				
20	61101	60	61866				
30	62361	70	62036				
40	816	80	61352				
50	683	90	61517				

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RENTSON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 14-3-79 Grid Location: MT. LYNDHAM Line No.: M.L.12.

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.12.				0mS	62343	340mS	62634
				10	341	50	676
				20	356	60	917
				30	359	70	610
				40	340	80	473
				50	314	90	406
				60	299	400mS	389
				70	295	25	274
				80	292	50	234
				90	285	75	254
				500mS	282	500mS	262
				10	279	25	276
				20	279	50	281
				30	283	75	294
				40	395	600mS	306
				50	300	25	308
				60	320	50	309
				70	333	75	315
				80	346	700mS	316
				90	357	25	324
				200mS	372	50	329
				10	378	75	325
				20	389	800mS	325
				30	403	25	327
				40	424	50	315
				50	433	75	311
				60	441	900 mS	307
				70	447	25	312
				80	454	50	318
				90	462	75	314
				300mS	469	1000mS	313.
				10	455	end of Line.	
				20	572		
				30	606		

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572136

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 10-4-74 11-5-74 Grid Location: MT. LINDSAY Line No.: M.L.12

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.12	0mN	62343	340mN	61775	680mN	61883	1020mN	62408
	10	315	50	60775	90	60970	30	252
	20	285	60	61425	700mN	58910	40	62716
	30	283	70	62251	10	61911	50	63570
	40	183	80	63567	20	59650	60	880
	50	134	90	64378	30	60150	70	745
	60	62056	400mN	304	40	62320	80	63839
	70	61979	10	710(301)	50	62636(631)	90	64143
	80	861	20	64168(63995	60	061	1100mN	63980
	90	803	30	62301(62447)	70	422	10	63008
	100mN	61837	40	61795(775)	80	63745	20	62050
	10	63337	50	740 (748)	90	64281	30	59835
	20	63783	60	61619(62075)	800mN	353	40	64975
	30	62383	70	63135	10	433	50	549
	40	431	80	62950	20	539	60	66360
	50	62582	90	63420	30	547	70	63862
	60	63149	500mN	62502	40	780	80	62863
	70	63530	10	63175	50	995	90	825
	80	64111	20	64065	60	64901	1200mN	981
	90	63579	30	63670	70	65808	10	757
	200mN	63332	40	63765	80	66644	20	429
	10	62976	50	64018	90	66285	30	62164
	20	644	60	369	900mN	65080	40	61900
	30	310	70	905	10	64672	50	743
	40	007	80	766	20	64154	60	490
	50	049	90	835	30	63688	70	341
	60	257	600mN	64247	40	430	80	273
	70	503	10	63493	50	63238	90	217
	80	62040	20	481	60	63060	1300mN	307
	90	61720	30	138	70	62754	10	425
	300mN	513	40	224	80	597	20	681
	10	377	50	63016	90	148	30	927
	20	164	60	62810	1000mN	006	40	61767
	30	811	70	62420	10	375	50	62534

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572137

REMSON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 14-5-74 Grid Location: Mt. Lindsay Line No.: M.L. 12

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 12 1360 mN	62947						
70	63056						
80	493						
90	971						
N00 mN	929						
10	679						
20	601						
30	63196						
40	62863						
50	296						
60	62710						
70	63242						
80	64395						
90	63397						
1500mN	402						
10	452						
20	63450						
30	62274						
40	62123						
50	63660						
60	63196						
70	62989						
80	64315						
90	64578						
2000mN	65351						
License boundary.							

RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

572138

Date: 4-5-74 Grid Location: MT. LINOSAY Line No.: M.L. 12

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
		1700 mN	62796	2040 mN	62368	2380 mN	64705
		10	640	50	293	90	249
		20	330	60	121	2400 mN	702
		30	471	70	62971	10	795
		40	477	80	63021	20	611
		50	519	90	63000	30	64025
		60	536	2100mN	62707	40	63642
		70	451	10	63075	50	62864
		80	347	20	63433	60	625
		90	235	30	60401	70	390
		1800mN	150	40	63494	80	62766
		10	62078	50	67365	90	63236
		20	61920	60	64989	2500mN	525
		30	843	70	62033	10	480
		40	900	80	61355	20	912
		50	833	90	60723	30	657
		60	679	2200 mN	701	40	359
		70	719	10	815	50	63201
		80	645	20	60525	60	62800
		90	537	30	59648	70	370
		1900mN	558	40	60064	80	253
		10	525	50	60836	90	234
		20	453	60	61510	2600mN	62433
		30	453	70	60424	10	61978
Licence Boundary		40	381	80	62867	20	62056
M.L. 12 1800mN	65351	50	572	90	62877	30	334
10	63642	60	681	2300mN	67059	40	952
20	62539	70	730	10	66726	50	428
30	62636	80	724	20	68639	60	992
40	63065	90	61800	30	68175	70	624
50	62982	2000mN	61356	40	67305	80	701
60	61833	10	469	50	64827	90	538
70	62713	20	62432	60	64719	2700mN	473
80	63306	30	61858	70	63592	10	62412
90	62780						

RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

572139

Date: 14-5-74 Grid Location: MT. LINDSAY Line No.: M.L.12

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 12 2720mN	61920	3060 mN	61712				
30	62147	70	856				
40	62497	80	693				
50	61727	end of Line.					
60	62068						
70	61778						
80	62184						
90	191						
2800mN	62185						
10	61904						
20	61567						
30	62173						
40	280						
50	62249						
60	427						
70	62059						
80	61808						
90	62295						
2900mN	047						
10	62133						
20	61803						
30	516						
40	620						
50	61803						
60	64404						
70	63620						
80	63022						
90	62251						
3000mN	61986						
10	988						
20	450						
30	912						
40	212						
50	077						

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 11-4-74 Grid Location: Mt. Lindsay Line No.: M.L.13

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 13	0mS	61587	430mS	63625				
	10	519	40	170				
	20	597						
	30	705						
	40	786						
	50	823						
	60	875						
	70	915						
	80	951						
	90	61999						
	100mS	62043						
	10	073						
	20	118						
	30	147						
	40	191						
	50	197						
	75	253						
	200mS	298						
	25	336						
	50	346						
	75	354						
	300mS	427						
	10	467						
	20	504						
	30	554						
	40	667						
	50	646						
	60	702						
	70	777						
	80	857						
	90	62964						
	400mS	63152						
	10	386						
	20	607						

572141

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 10-4-74 Grid Location: MT. LINDSAY Line No.: M.L.13

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.13 0mN	61390	340 mN	61708	680mN	62722	1020mN	66830
10	63272	50	455	90	62289	30	64741
20	62672	60	258	700mN	61348	40	62785
30	017	70	61241	10	60881	50	60870
40	62617	80	60908	20	61333	60	60888
50	63673	90	771	30	62892	70	59440
60	705	400mN	820	40	64048	80	59340
70	737	10	60809	50	63939	90	61168
80	521	20	61285	60	64283	1100mN	65387
90	632444	30	62174	70	255	10	63187
100mN	62966	40	452	80	64558	20	62654
10	662	50	426	90	65144	30	423
20	482	60	62777	800mN	390	40	279
30	351	70	63137	10	65124	50	62102
40	255	80	63654	20	64872	60	61830
50	62045	90	64087	30	127	70	513
60	61911	500mN	64316	40	381	80	454
70	883	10	65054	50	294	90	374
80	870	20	65111	60	608	1200mN	400
90	810	30	64397	70	64258	10	61495
200mN	793(804)	40	63957	80	62850	20	62404
10	749(706)	50	570	90	61711	30	637
20	693(661)	60	643	900mN	62669	40	633
30	621	70	154	10	814	50	62867
40	558	80	063	20	62998	60	63280
50	483	90	158	30	61914	70	752
60	580	600mN	309	40	62331	80	788
70	590	10	476	50	62857	90	597
80	61676	20	63008	60	59161	1300mN	641
90	62083	30	61173	70	61186	10	693
300mN	63200	40	60847	80	60065	20	63923
10	474	50	63568	90	63393	30	64023
20	63315	60	64920	1000mN	67576	40	63727
30	62267	70	63785	10	66837	50	680

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ...[illegible]..... Grid Location: ...Mt. Lindsay..... Line No.: ...M.L.13.....

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 13. 1360m N.	63645	1700 m N	6263				
70	617	10	39				
80	235	20	26				
90	019	30	15				
1400m N	63339	40	14				
10	61822	50	10				
20	64684	60	06				
30	60441	70	6206				
40	63387	80	6187				
50	64553	90	6265				
60	61858	1800 m N	6315				
70	61753	Licence Boundary.					
80	6333						
90	62760						
1500m N	63415						
10	64797						
20	64702						
30	63406						
40	64533						
50	66010						
60	65604						
70	64935						
80	64177						
90	63797						
1600m N	745						
10	63227						
20	62675						
30	703						
40	615						
50	445						
60	476						
70	674						
80	833						
90	804						

RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

Date: 14-5-79 Grid Location: MT. LINDSAY Line No.: M.L. 13.

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 13.				2040mN	64437	2380mN	62921
				50	432	90	63084
				60	219	2400mN	62934
				70	64051	10	820
				80	63557	20	850
				90	63014		
				2100mN	62731		
				10	61910		
				20	62826		
		Licence Boundary		30	62657		
		1800mN	63153	40	61880		
		10	650	50	920		
		20	778	60	650		
		30	012	70	413		
		40	63080	80	61086		
		50	60730	90	60736		
		60	62522	2200mN	60421		
		70	64023	10	58260		
		80	64893	20	59706		
		90	63746	30	63045		
		1900mN	63395	40	62635		
		10	399	50	380		
		20	63121	60	915		
		30	62892	70	489		
		40	63052	80	62996		
		50	63554	90	63530		
		60	64214	2300mN	492		
		70	65089	10	440		
		80	65527	20	388		
		90	66417	30	607		
		2000mN	67750	40	898		
		10	68792	50	63698		
		20	67430	60	6260		
		30	65789	70	976		

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 16-4-74 Grid Location: MT. LINDSAY Line No.: M.L.14

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.14 0mS	62049	340 mS	62237	960mS	62400		
10	159	50	270	70	399		
20	235	60	303	80	394		
30	223	70	328	90	391		
40	209	80	350	1000mS	377		
50	102	90	360				
60	347	400mS	374				
70	470	10	372				
80	560	20	392				
90	555	30	458				
100mS	544	40	477				
10	617	50	477				
20	604	60	462				
30	632	70	446				
40	611	75	423				
50	586	500mS	384				
60	558	25	361				
70	437	50	340				
80	62174	75	363				
90	61976	600mS	384				
200mS	746	25	363				
10	691	50	365				
20	61909	75	378				
30	62185	700mS	389				
40	62183	25	403				
50	61934	50	410				
60	61745	75	423				
70	62071	800mS	437				
80	215	25	444				
90	62950	50	446				
300mS	61685	75	446				
10	62034	900mS	436				
20	126	25	430				
30	198	50	407				

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ..... Grid Location: MT. LINDSAY ..... Line No.: M.L. 14

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 14. 0mN	62049	340 mN	61978	680 mN	61110	1020mN	65275
10	033	50	940	90	63188	30	61963
20	003	60	841	700 mN	208	40	60810
30	62004	70	739	10	63264	50	64142
40	61978	80	611	20	64148	60	64162
50	870	90	530	30	560	70	63700
60	752	400mN	61526	40	144	80	297
70	545	10	62366	50	62254	90	449
80	61069	20	370	60	63477	1100mN	63250
90	60752	30	454	70	65007	10	62790
100mN	61260	40	570	80	63730	20	670
10	61933	50	496	90	320	30	777
20	62510	60	578	800mN	63051	40	650
30	61811	70	62596	10	62590	50	765
40	62559	80	61951	20	62982	60	756
50	63276	90	638	30	63017	70	712
60	129	500mN	61720	40	62780	80	633
70	63183	10	60657	50	580	90	731
80	62793	20	61425	60	320	1200mN	687
90	545	30	62455	70	62650	10	617
200mN	407	40	61349	80	63320	20	554
10	372	50	63401	90	64127	30	579
20	348(343)	60	64090	900mN	777	40	653
30	300	70	64021	10	64574	50	612
40	226	80	63774	20	65122	60	488
50	115	90	63155	30	66550	70	357
60	132	600mN	64037	40	66508	80	252
70	255	10	63873	50	65916	90	134
80	237	20	61956	60	65120	1300mN	066
90	160	30	65832	70	64897	10	021
300mN	140	40	66654	80	64215	20	006
10	141	50	66034	90	63900	30	056
20	140	60	61148	1000mN	892	40	140
30	62014	70	62500	10	63565	50	190

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ...12-4-24..... Grid Location: ...MT. LINDSAY..... Line No.: ...M.L.14.....

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 14 1360mN	62257	1700mN	62292	2040mN	63272	2380 mN	59600
70	62571	10	284	50	63027	90	64152
80	63350	20	228	60	62829	2400mN	63443
90	64127	30	62092	70	641	Licence Boundary	
1400mN	434	40	61976	80	533		
10	64332	50	62224	90	402		
20	65206	60	63430	2100mN	341		
30	64906	70	62674	10	290		
40	134	80	805	20	245		
50	198	90	505	30	188		
60	64355	1800mN	384	40	151		
70	63769	10	62258	50	136		
80	65440	20	61619	60	094		
90	64343	30	61307	70	62060		
1500mN	63512	40	62217	80	61975		
10	62990	50	553	90	965		
20	63085	60	505	2200mN	930		
30	62951	70	559	10	860		
40	63050	80	653	20	809		
50	219	90	454	30	740		
60	364	1900mN	416	40	624		
70	63398	10	325	50	561		
80	62984	20	356	60	427		
90	735	30	455	70	61 210		
1600mN	705	40	62750	80	60736		
10	62949	50	63041	90	59926		
20	63094	60	250	2300mN	57600		
30	62697	70	590	10	59300		
40	585	80	63978	20	59500		
50	431	90	64416	30	59830		
60	301	2000mN	65049	40	60450		
70	266	10	65637	50	59900		
80	299	20	64547	60	61130		
90	305	30	63724	70	59400		

RENISON LIMITED

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PROTON MAGNETOMETER FIELD RECORDINGS

Date: 12-9-74 Grid Location: MT. LINDSAY Line No.: ML 14

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
ML 14.							
						Licence	Boundary.
						2400 m N	63443
						10	63195
						20	62929
						30	782
						40	688
						50	616
						60	576
						70	530
						80	478
						90	445
						2500 m N	436
						10	423
						20	442
						30	end of Line

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ....16-4-74..... Grid Location:...MT. LINDSAY..... Line No.:...M.L.15.....

GRID LOCATION		GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.15	0mS	62017						
	10	61974						
	20	62039						
	30	145						
	40	259						
	50	344						
	60	386						
	70	368						
	80	380						
	90	304						
	100mS	62088						
	10	61975						
	20	961						
	30	957						
	40	61977						
	50	62003						
	60	034						
	70	050						
	80	084						
	90	133						
	200mS	159						
	10	182						
	20	213						
	30	235						
	40	258						
	50	284						
	60	301						
	70	309						
	80	321						
	90	334						
	300mS	343						
	10	350						
	20	357						
	30	355						

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 16-4-74 Grid Location: MT. LINDSAY Line No.: M.L.15

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.15 0mN	62025	340mN	63450	680mN	62939	1020mN	63831
10	129	50	301	90	64028	30	64171
20	300	60	178	700mN	64167	40	64979
30	62216	70	63059	10	63371	50	62723
40	61910	80	62985	20	128	60	502
50	804	90	967	30	834	70	760
60	550	400mN	959	40	63738	80	62706
70	568	10	949	50	64232	90	63151
80	451	20	886	60	137	1100mN	59450
90	359	30	757	70	361	10	60880
100mN	449	40	688	80	103	20	59630
10	62056	50	882	90	146	30	61455
20	62115	60	62992	800mN	64785	40	62682
30	60903	70	63011	10	65308	50	768
40	61176	80	62602	20	64734	60	776
50	62028	90	404	30	63498	70	774
60	235	500mN	275	40	62750	80	690
70	447	10	231	50	66162	90	62897
80	62278	20	154	60	58100	1200mN	63054
90	61313	30	136	70	61509	10	63353
200mN	61664	40	965	80	62807	20	62909
10	62970	50	723	90	—	30	515
20	61547	60	512	900mN	65712	40	698
30	64776	70	427	10	63128	50	619
40	65966	80	62189	20	411	60	601
50	66247	90	61996	30	63029	70	562
60	65386	600mN	751	40	62322	80	572
70	63539	10	439	50	63079	90	731
80	63813	20	343	60	62762	1300mN	912
90	65484	30	606	70	63695	10	907
300mN	65663	40	908	80	62799	20	639
10	66505	50	671	90	62776	30	327
20	64603	60	587	1000mN	64360	40	202
30	63823	70	61841	10	64266	50	201

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 17-4-74 Grid Location: MT. LINDSAY Line No.: ML15

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 15 1360 mN	62117	1700 mN	61849	2040 mN	66788	2380 mN	62240
70	076	10	740	50	65518	90	248
80	62034	20	652	60	69200	2400 mN	256
90	61994	30	631	70	69004	10	262
1400 mN	969	40	635	80	66967	20	266
10	61987	50	398	90	66052	30	275
20	62045	60	222	2100 mN	65378	40	290
30	63007	70	278	10	64858	50	296
40	63239	80	656	20	64158	60	301
50	62238	90	62209	30	63543	70	303
60	61946	1800 mN	61747	40	63148		
70	61666	10	61844	50	62891		
80	62560	20	63150	60	769		
90	663	30	63180	70	660		
1500 mN	427	40	62970	80	524		
10	855	50	681	90	448		
20	644	60	866	2200 mN	414		
30	62262	70	62801	10	371		
40	61923	80	63243	20	355		
50	61744	90	252	30	315		
60	62501	1900 mN	63077	40	292		
70	63163	10	62765	50	272		
80	62123	20	421	60	261		
90	61920	30	248	70	262		
1600 mN	62144	40	147	80	252		
10	110	50	62041	90	235		
20	221	60	61891	2300 mN	237		
30	217	70	766	10	231		
40	62223	80	811	20	233		
50	61906	90	467	30	231		
60	61775	2000 mN	467	40	227		
70	62182	10	61475	50	228		
80	303	20	62334	60	230		
90	62004	30	66670	70	232		

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 19-4-74 Grid Location: Mt. Lindsay Line No.: M.L.16

GRID LOCATION		GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.16	0mS	61590	475mS	62517				
	10	451	500mS	537				
	20	61103	25	588				
	30	60803	50	605				
	40	772	75	587				
	50	721	600mS	554				
	60	60454	25	522				
	70	59472	50	484				
	80	55246	75	449				
	90	60049	700mS	424				
	100mS	63440	25	408				
	10	715	50	394				
	20	63699	75	387				
	30	62080	800mS	381				
	40	61990	25	379				
	50	62077	50	377				
	60	131	75	376				
	70	161	900mS	372				
	80	199	25	346				
	90	257	50	364				
	200mS	291	75	363				
	10	336						
	20	350						
	30	353						
	40	355						
	50	353						
	75	368						
	300mS	388						
	25	404						
	50	410						
	75	381						
	400mS	405						
	25	443						
	50	471						

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ...[illegible]74..... Grid Location: ...[illegible]..... Line No.: ...M.L.16.....

GRID LOCATION		GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.16	0mN	61591	340mN	62815	680mN	63954	1020mN	62781
	10	584	50	60420	90	108	30	784
	20	632	60	62957	700mN	63006	40	810
	30	559	70	61926	10	62677	50	62952
	40	61600	80	64460	20	63781	60	63051
	50	62033	90	64165	30	233	70	62117
	60	296	400mN	67170	40	63171	80	097
	70	319	10	66604	50	62027	90	62406
	80	425	20	66800	60	63860	1100mN	63126
	90	62885	30	65573	70	005	10	63709
	100mN	63085	40	66034	80	066	20	65180
	10	63013	50	65250	90	160	30	64940
	20	62965	60	64060	800mN	189	40	593
	30	818	70	63720	10	031	50	64556
	40	646	80	415	20	258	60	65419
	50	438	90	292	30	558	70	63859
	60	385	500mN	112	40	678	80	64206
	70	661	10	63000	50	634	90	63974
	80	62758	20	62902	60	222	1200mN	787
	90	63282	30	774	70	347	10	700
	200mN	62841	40	595	80	720	20	352
	10	63243	50	550	90	63401	30	610
	20	495	60	619	900mN	62160	40	918
	30	342	70	62264	10	62913	50	394
	40	63138	80	61987	20	63086	60	064
	50	62995	90	770	30	63043	70	63038
	60	890	600mN	732	40	62982	80	62961
	70	614	10	720	50	63696	90	720
	80	62885	20	756	60	64240	1300mN	598
	90	63952	30	61939	70	60991	10	472
	300mN	700	40	62577	80	63540	20	390
	10	63540	50	63001	90	64350	30	342
	20	62708	60	63933	1000mN	62830	40	289
	30	64470	70	64404	10	740	50	259

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ...18-4-74..... Grid Location:...MT. LINDSAY..... Line No.:....M.L.16.....

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 16	1360 mN	62224	1700 m N	61806	2040 mN	61509	2380mN	62227
	70	253	10	796	50	417	90	234
	80	293	20	844	60	362	2400 mN	245
	90	344	30	831	70	306	10	244
	1400 mN	459	40	857	80	274	20	245
	10	546	50	954	90	191	30	249
	20	592	60	842	2100 mN	120	40	255
	30	651	70	661	10	222	50	259
	40	62911	80	486	20	145	60	265
	50	63635	90	273	30	155	70	267
	60	64180	1800mN	61070	40	225	80	272
	70	63600	10	60961	50	419	90	274
	80	62770	20	61204	60	512	2500 mN	279
	90	551	30	61428	70	599		
	1500 mN.	600	40	62933	80	733		
	10	597	50	64427	90	819		
	20	616	60	63490	2200 mN	904		
	30	62647	70	62384	10	960		
	40	63142	80	61515	20	61991		
	50	63051	90	474	30	62032		
	60	62450	1900mN	830	40	079		
	70	391	10	698	50	105		
	80	62017	20	709	60	122		
	90	61881	30	704	70	125		
	1600 mN	841	40	698	80	144		
	10	796	50	694	90	160		
	20	782	60	683	2300mN	173		
	30	759	70	686	10	183		
	40	764	80	690	20	194		
	50	771	90	674	30	207		
	60	772	2000mN	674	40	212		
	70	788	10	644	50	212		
	80	794	20	622	60	218		
	90	771	30	580	70	223		

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ...19-4-74..... Grid Location: ...MT. Lindsay..... Line No.: ...M.L.17.....

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.17.	0mS	63050	340mS	61937	1100mS	62441		
	10	007	50	62001	25	440		
	20	63060	60	044	50	438		
	30	62575	70	105	75	434		
	40	786	80	146	1200mS	429		
	50	770	90	166	25	419		
	60	891	400mS	179	50	414		
	70	423	25	294	75	409		
	80	62904	50	354	1300mS	401		
	90	63059	75	381	25	390		
	100mS	039	500mS	372	50	385		
	10	63028	25	374	75	382		
	20	62822	50	386	1400mS	376		
	30	593	75	404	25	377		
	40	669	600mS	426	50	374		
	50	62907	25	451	75	371		
	60	63077	50	473	1500mS	369		
	70	345	75	504	25	367		
	80	63 721	700mS	527	50	370		
	90	642344	25	545				
	200mS	64969	50	569				
	10	65257	75	587				
	20	65133	800mS	603				
	30	61720	25	608				
	40	63250	50	595				
	50	62504	75	549				
	60	61812	900mS	512				
	70	441	25	488				
	60	426	50	474				
	90	502	75	461				
	300mS	609	1000mS	456				
	10	645	25	452				
	20	712	50	450				
	30	832	75	449				

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REMISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 10-5-74 Grid Location: MT. LINDSAY Line No.: M.L.17

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 17	0 mN	63070	340 m N	62 302	680 mN	62743	1020 m N	62599
	10	62952	50	238	90	893	30	603
	20	864	60	179	700 m N	857	40	390
	30	892	70	112	10	836	50	324
	40	505	80	62034	20	738	60	276
	50	518	90	61579	30	645	70	231
	60	848	400 m N	62082	40	625	80	214
	70	634	10	341	50	549	90	260
	80	678	20	739	60	380	1100m N	258
	90	773	30	664	70	401	10	261
	100 m N	820	40	333	80	421	20	419
	10	905	50	180	90	390	30	404
	20	931	60	150	800 m N	286	40	369
	30	62967	70	899	10	62031	50	281
	40	63058	80	720	20	61762	60	190
	50	134	90	350	30	61401	70	093
	60	092	500 m N	62175	40	62111	80	135
	70	151	10	61938	50	62338	90	120
	80	63604	20	62778	60	61963	1200m N	299
	90	64531	30	64109	70	62810	10	524
	200 m N	700	40	62900	80	63220	20	303
	10	336	50	62900	90	63365	30	334
	20	64170	60	63590	900m N	62130	40	200
	30	63791	70	64000	10	087	50	62009
	40	345	80	64243	20	462	60	61998
	50	63167	90	63897	30	516	70	62015
	60	62985	600 m N	525	40	959	80	034
	70	892	10	338	50	575	90	042
	80	830	20	613	60	609	1300 m N	048
	90	771	30	111	70	62764	10	045
	300 m N	663	40	512	80	63407	20	051
	10	555	50	63164	90	62731	30	057
	20	468	60	62121	1000m N	540	40	048
	30	336	70	756	10	925	50	048

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: ...10-5-74..... Grid Location: ...MT. LINDSAY..... Line No.: ...M.L.17.....

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.17 1360mN	62050	1700mN	62125	2040mN	62235		
70	044	10	125	50	240		
80	047	20	126	60	246		
90	069	30	129	70	249		
1400mN	067	40	126	80	252		
10	074	50	131	90	255		
20	080	60	130	2100	261		
30	083	70	135	10	265		
40	090	80	139	20	265		
50	095	90	145				
60	093	1800mN	141				
70	096	10	146				
80	098	20	150				
90	100	30	154				
1500mN	102	40	156				
10	102	50	163				
20	105	60	164				
30	105	70	168				
40	105	80	175				
50	104	90	178				
60	105	1900mN	180				
70	104	10	184				
80	102	20	189				
90	096	30	197				
1600mN	105	40	198				
10	111	50	199				
20	111	60	203				
30	117	70	208				
40	113	80	213				
50	113	90	215				
60	120	2000mN	216				
70	121	10	218				
80	123	20	232				
90	124	30	228				

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PROTON MAGNETOMETER FIELD RECORDINGS

Date: 23.5.74 Grid Location: ST. WOOSAH Line No.: 9600

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 18	0mN	61954	340 mN	62470	680mN	62743	1020m N	62 621
	10	872	50	447	90	63033	30	567
	20	61819	60	431	700m N	068	40	539
	30	62121	70	418	10	017	50	588
	90	837	80	388	20	63925	60	587
	50	334	90	355	30	64157	70	456
	60	506	400m N	321	40	65520	80	458
	70	496	10	300	50	63364	90	290
	80	445	20	278	60	62716	1100m N	228
	90	384	30	228	70	170	10	408
	100 m N	348	40	286	80	815	20	419
	10	328	50	295	90	890	30	454
	20	367	60	292	800mN	715	40	473
	30	346	70	272	10	62936	50	62 620
	40	564	80	219	20	63030	60	63 545
	50	553	90	136	30	63048	70	62660
	60	531	500m N	072	40	62871	80	341
	70	485	10	067	50	944	90	523
	80	438	20	261	60	851	1200 m N	140
	90	382	30	452	70	787	10	188
	200m N	345	40	566	80	760	20	62 254
	10	315	50	62492	90	878	30	61 680
	20	273	60	61677	900mN	730	40	62301
	30	245	70	61880	10	665	50	281
	40	254	80	62268	20	596	60	305
	50	310	90	63180	30	554	70	262
	60	335	600m N	525	40	563	80	220
	70	376	10	63662	50	584	90	204
	80	433	20	62435	60	581	1300m N	245
	90	444	30	832	70	524	10	310
	300m N	537	40	703	80	625	20	62038
	10	487	50	972	90	576	30	63028
	20	522	60	826	1000m N	590	40	65325
	30	503	70	356	10	641	50	63045

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 12-5-74 & 13-5-74 Grid Location: MT. LINDSAY Line No.: M.L.18

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 18 1360 mN	62622	0 mS	61962	625 mS	62743		
70	535	10	61985	50	756		
80	251	20	62020	75	764		
90	817	30	065	700 mS	754		
1400 mN	945	40	088	25	728		
10	62975	50	113	50	706		
20	63110	60	126	75	668		
30	62820	70	150	800 mS	633		
40	042	80	161	25	603		
50	097	90	184	50	582		
75	235	100 mS	207	75	568		
1500 mN	218	10	226	900 mS	563		
25	195	20	234	25	558		
50	198	30	248	50	560		
		40	269				
		50	288				
		75	348				
		200 mS	383				
		25	387				
		50	414				
		75	431				
		300 mS	475				
		25	502				
		50	470				
		75	460				
		400 mS	466				
		25	478				
		50	504				
		75	523				
		500 mS	559				
		25	589				
		50	624				
		75	662				
		600 mS	704				

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 12-5-74 Grid Location: MT. LINDSAY Line No.: M.L.19

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
Mt Lindsay ML19 0mN	62398	340mN	62508	680mN	63865	1020mN	64105
10	459	50	200	90	64459	30	64150
20	515	60	532	700mN	63747	40	63026
30	512	70	697	10	395	50	62495
40	487	80	368	20	135	60	335
50	462	90	188	30	63197	70	320
60	437	400mN	160	40	62900	80	62945
70	414	10	455	50	865	90	63030
80	383	20	548	60	62910	1100mN	62635 (460)
90	500	30	235	70	63169	10	368
100mN	655	40	62261	80	63132	20	358
10	662	50	63069	90	62550	30	341
20	540	60	050	800mN	707	40	672
30	400	70	305	10	665	50	553
40	282	80	63104	20	669	60	367
50	200	90	62233	30	631	70	205
60	207	500mN	62874	40	609	80	048
70	122	10	63030	50	585	90	069
80	017	20	62644	60	570	1200mN	022
90	049	30	63056	70	496	10	022
200mN	161	40	63088	80	491	20	087
10	459	50	62811	90	488	30	097
20	62838	60	410	900mN	400	40	62122
30	63253	70	200	10	347	50	61872
40	63145	80	819	20	390	60	62134
50	62684	90	805	30	270	70	110
60	343	600mN	786	40	477	80	149
70	62793	10	400	50	62606	90	146
80	63303	20	563	60	63168	1300mN	188
90	63076	30	253	70	64105	25	213
300mN	62882	40	760	80	63787	50	220
10	580	50	593	90	437	75	242
20	288	60	635	1000mN	527	1400mN	189
30	563	70	62748	10	63655	25	258

RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 12-5-74 Grid Location: MT. LINDSAY Line No.: M.L.19

GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L.19 1450mN	62267	0mS	62377	340mS	62528		
75	273	10	321	50	527		
1500mN	274	20	241	75	575		
25	280	30	186	400mS	525		
		40	203	25	471		
		50	204	50	477		
		60	198	75	484		
		70	191	500mS	505		
		80	168	25	518		
		90	203				
		100mS	237				
		10	252				
		20	272				
		30	290				
		40	317				
		50	353				
		60	347				
		70	358				
		80	346				
		90	370				
		200mS	377				
		10	383				
		20	392				
		30	405				
		40	415				
		50	430				
		60	425				
		70	421				
		80	453				
		90	465				
		300mS	476				
		10	495				
		20	504				
		30	518				

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RENISON LIMITED

PROTON MAGNETOMETER FIELD RECORDINGS

Date: 22-4-74 Grid Location: MT. LINDSAY Line No.: M.L. 20

	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING	GRID LOCATION	GAMMA READING
M.L. 20	0m N	62614	340m N	62511	680m N	62257	0m S	62610
	10	503	50	469	90	057	10	728
	20	397	60	402	700m N	100	20	730
	30	305	70	347	10	62056	30	368
	40	283	80	318	20	61932	40	133
	50	259	90	378	30	62089	50	116
	60	356	400m N	418	40	085	60	140
	70	671	10	400	50	039	70	154
	80	577	20	387	60	059	80	170
	90	545	30	396	70	715	90	188
	100m N	533	40	432	80	364	100m S	212
	10	513	50	396	90	207	10	237
	20	472	60	62763	800m N	282	20	272
	30	404	70	63160	10	211	30	291
	40	286	80	140	20	432	40	307
	50	148	90	63010	30	419	50	328
	60	064	500m N	62769	40	243	60	347
	70	144	10	63272	50	255	70	365
	80	113	20	536	60	916	80	374
	90	489	30	775	70	390	90	383
	200m N	620	40	530	80	072	200m S	393
	10	462	50	352	90	499	25	427
	20	62674	60	280	900m N	570	50	452
	30	63061	70	227	10	681	75	486
	40	63116	80	150	20	891	300m S	509
	50	62912	90	63062	30	62049	25	516
	60	64491	600m N	62906	40	61808	50	509
	70	63212	10	718	50	62175	75	526
	80	62710	20	587	60	63244	400m S	507
	90	610	30	346	70	62942	25	487
	300m N	555	40	212	80	62156	50	501
	10	478	50	193	90	61940	75	509
	20	490	60	712	1000m N	62024	500m S	522
	30	525	70	432				

572162

E.L. 2/63 AND E.L. 18/73

MT. LINDSAY AREA

APPENDIX 3

PETROLOGICAL DESCRIPTIONS

APPENDIX 3

E.L. 2/63

THIN SECTION DESCRIPTIONS

1973-74 FIELD SEASON

NOTES ON ROCK SPECIMENS

In general these rocks are fairly similar. The majority are fine grained lithic tuffs with subordinate but variable crystal fragments and in some cases siliceous microscopic shards as well.

Most of the tuffs carry non-puroclastic material in the form of sedimentary rock fragments and/or detrital heavy mineral grains and are then strictly "xenotuffs". With increasing proportions of non-pyroclastic material the tuffs grade into tuffaceous lithic sandstones. The pyroclastics are moderately sorted and bedded indicating aqueous deposition.

Further investigation of the heavy mineral suites, particularly in the more detrital rocks may be useful in terms of correlation.

Due to pervasive alteration (particularly chlorite) lithic fragments are generally indeterminate. Overall however basic-intermediate (broadly "andesitic") volcanism is reflected.

Chlorite alteration is of diagenetic-low grade (regional) metamorphic character. Relatively few rocks show evidence of contact metamorphism as distinct from metasomatic alteration. Development of fine grained biotite in the lithic sandstones probably falls into the contact-metamorphic character but its occurrence in one particular rock type is peculiar.

Metasomatic tremolite-actinolite is pervasive in some rocks and incipiently developed in others. The metasomatic alteration is evidently post-metamorphic, at least locally (821). Assuming the metasomatism reflects Devonian plutonism, as seems most likely, the andesine microgabbros (839, 840) are evidently pre-Devonian.

../2

Rock Sample No.601 Location: Floater Success Creek 24450mN, 13570mE
Hand Specimen Quartzose rock, with banded agate patches.
Thin Section Description This rock consists entirely of quartz, in various forms and with variable fabric. The vein quartz is quite coarse and occurs as subhedral aggregates and mosaics. Typical radiating fibrous banded chalcedony is plentiful throughout, with the habit of banded agate. No other features occur, but the rock is probably related to igneous activity in some way - similar to other agate occurrences.

Rock Sample No.603 Location: Success Creek 23265mN, 13720mE
603 (TS 12471)
A finely crystalline carbonate rock, with coarsely crystalline carbonate veins.

Average grainsize of the rock is 20-30μ. The carbonate veins carry some quartz. XRD of both rock and veins shows that the carbonate is dolomite and therefore distinct from the carbonate horizons at the mine.

Rock Sample No.604 Location: Success Creek 23225mN, 13735mE
604 (TS 12472)
A brecciated carbonate rock with introduced chalcedonic quartz as patches and veins. However, there are also veins of carbonate carrying detrital quartz grains. These are puzzling in their origin; they are believed to have formed epigenetically, perhaps during deposition of the overlaying rock unit, in fractures and/or solution cavities.

Rock Sample No. 605 Location: Success Creek 23450mN, 13680mE
605 (TS 12473)
This gritty quartzite is characterized by a high proportion of chert fragments of varying sizes. The framework consists of angular to rounded grains of chert, oolitic chert, (? related to Mt. Lindsay cherts), siltstone, agate-chalcedony (from veins) and quartz. It is poorly sorted and sized, but shows some bedding due to alignment of grains. The cement is fine chlorite and quartz. Minor pyrite occurs in some chert grains.

Rock Sample No. 606 Location: The Deep Creek upstream from bridge.
606 (TS 12473)
A dolomitic hematitic siltstone. It consists mainly of small angular quartz grains, mica flakes, and about 30% of dolomite as small grains. The dolomite is probably of diagenetic origin. The rock has been mildly folded, and was probably disturbed before consolidation. It is cut by veins of siltstone/ mobilised during folding) and by later veins of dolomite with goethite (after ? sulphide, but too fine for boxwork development).

There appear to be no pyroclastic components.

Rock Sample No. 607 Location:
607 (TS 12475)
This is a laminated silty shale, with alternating red and grey, dominantly argillaceous layers. The contacts between them are sharp, with an abrupt colour change though minor small scale interfingering occurs in places. The pale layers contain small cavities caused by leaching of carbonate patches. The red, hematitic layers contain silt sized quartz grains and some ? devitrified shards. The pale layers consist of very fine clay, with carbonaceous material. Evidently there was a rapid and rhythmic variation in oxidation/reduction conditions in the environment of deposition.

Rock Sample No. 757 Location: Mt. Lindsay Grid M.L.I. 875mN
Actinolitised Lithic-Crystal Tuff
Thoroughly metasomatised but with occasional feldspar grains and a relict fragmental fabric. Consists almost entirely of fine tremolite-actinolite with disseminated oxide opaques and subordinate microgranular quartz. Fragments are largely indeterminate, a few carry recognisable feldspar microlites and a few were pumiceous (rare) - occasional chert fragments. Crystal components are markedly subordinate.

The veins are fairly coarse semi-fibrous actinolite with subordinate quartz.

Rock Sample No. 814 Location: Mt. Lindsay Grid M.L.7, 1150mN
Chloritised Lithic-Vitric-Crystal Xenotuff.
Sand-sized variably altered lava fragments, plagioclase and quartz splinters with a sparse leucoxene stained chloritic matrix carrying siliceous microshards and abundant fine grained magnetite. Lava fragments are basic-intermediate types with feldspar microlites and laths. Chert fragments are fairly common (hence xenotuff). In addition to pervasive chlorite traces of tremolite-actinolite and epidote have developed - rock has been weakly sheared.

../4

Rock Sample No. 821 Location: Mt. Lindsay Grid M.L.7, 1725mN
Tuffaceous Lithic Sandstone.
Framework consists of splintery angular to rounded quartz, minor plagioclase, altered lava fragments (sim.814) and fragments of fine grained sediments (chert, argillite, siltsone). The matrix is mainly fine randomly orientated biotite (?contact metamorphic) which is also common in the lithic fragments. Detrital heavy mineral grains are common - tourmaline (green and rare blue schorl - trace dravite) - apatite, zircon and epidote. The rock is moderately well bedded and weakly graded.

A discordant actinolite vein cuts the section with marginal replacement of the host rock. Magnetite and pyrrhotite are disseminated throughout the vein and rock matrix.

Rock Sample No. 822 Location: Mt. Lindsay Grid. M.L.7, 2730mN
822 Tremolite-Quartz Hornfels
Consists of finely granular quartz with very fine subradiating/acicular tremolite, fine skeletal oxide-opaques (not magnetite) with small clots of biotite throughout. Devoid of relict textural features and very homogeneous. Could represent a contact metamorphosed/metasomatised chert but this is rather speculative.

Rock Sample No. 853 Location: Mt. Lindsay Grid M.L.4, 1600mN
Tuffaceous Lithic Sandstone
Rather similar (and possibly related) to 821. Framework largely subangular-subrounded quartz, lava and sedimentary rock fragments (chert, impure chert,siltstone) with subordinate mica flakes and rare plagioclase grains. The matrix is mainly finer (silt-sized) detrital grains and argillaceous material with occasional siliceous shards. Detrital heavy minerals comprise tourmaline (including dravite) zircon, epidote and rare sphene - apatite not detected.

Lithic fragments and argillaceous components apart from detrital white mica flakes are pervasively altered to fine grained biotite and Mg-chlorite. Biotite development is less marked than in 821.

Rock Sample No. 875 Location: Mt. Lindsay Grid M.L.6, 730mN
Chloritised Lithic-Crystal Tuff
Not unlike 814 but finer grained. Silt-sized to fine sand-sized altered lava and crystal fragments in a chloritic matrix with fine grained magnetite which is partly altered to hematite. The rock is weakly layered (bedding) with evidence of incipient shearing. As is common in these rocks detrital mica flakes, chert fragments and rare detrital heavy mineral grains are present.

Rock Sample No. 958 Location: Mt. Lindsay Grid M.L.8, 1100mN
Tremolitised Lithic-Vitric-Crystal Tuff.
Extensively altered to fine grained tremolite-actinolite but with recognisable lava fragments, feldspar (surprisingly fresh andesine-oligoclase) quartz grains and siliceous microshards. Distictly less non-pyroclastic material than usual - there are, however, occasional chert fragments and detrital tourmaline grains. Clastics are silt-fine sand sized.

The rock is bedded with incipient grading in places.
? Ilmenite flakes are abundant throughout and traces of ? pyrrhotite are present.

Rock Sample No. 961 Location: Mt. Lindsay Grid M.L.8, 1900mN
Actinolitised Lithic-Vitric--Crystal Tuff.
Rather similar to 958 but finer grained and more thoroughly metasomatically altered. Consists almost entirely of fine green pleochroic actinolite but retains relict textural features although the lithic fragments are not clearly defined. Siliceous shards on the other hand are common.

In addition to actinolite exhibits incipient development of poikilitic diopside grains, this phase also occurs in crude discontinuous veinlets.

Rock Sample No. 962 Location: Mt. Lindsay Grid M.L.8, 2000mN
Altered Lithic-Vitric--Crystal Tuff.
A bedded tuff with marked variations in grain size between the various layers. Finer layers not unlike 958 and 961. The rock is of peculiar composition - it appears to have degraded initially to indeterminate argillaceous material (sim.957) but shows variable development of diopside and ? prehnite particularly in the lithic fragments and relict feldspar grains.

Abundant fine grained disseminated pyrrhotite.

Rock Sample No. 964 Location: Mt. Lindsay Grid M.L.8, 3490mN
Tuffaceous Lithic Sandstone.
Not unlike the previous specimens (821, 853, 951) but finer grained, with a higher proportion of lithic-pyroclastic components, and slightly better sorted. A possible link is provided ~~link is provided~~ by the presence of detrital blue tourmaline grains although other previously noted species are absent.

Pyroclastic (lava) fragments and feldspar grains extensively altered to fine greenish biotite with subordinate acicular tremolite, also pervasive in the matrix.

One margin of the specimen consists of a very fine tremolite-magnetite rock. This is evidently a coarse clast as smaller but otherwise identical fragments occur elsewhere. The host rock carries minor traces of chalcopyrite in addition to fine magnetite.

Rock Sample No. 831 Location: Mt. Lindsay Grid M.L.9, 250mN
Semi-randomly orientated fragments and disrupted beds of shale, argillaceous siltstone and argillaceous sandstone. Little evidence of shearing/recrystallisation and the rock has the appearance of a preconsolidation or slump breccia. Detrital components dominatly subangular-subrounded quartz, pelitic rock fragments, mica flakes with occasional lava fragments - matrix, largely unorientated chlorite and illite with abundant fine grained indeterminate oxide opaques.

Rock Sample No. 832 Location: Mt. Lindsay Grid M.L.9, 400mN
Hematitic Lithic-Vitric Tuff.
Carbonate-chlorite-?talc pseudomorphs of lithic fragments rarely of small crystals in a matrix consisting largely of fine hematite with numerous siliceous microshards. The matrix stains weakly for potash evidently due to a potassic clay mineral (? illite) but this is not detectable due to the intensive diagenetic hematite staining. The rock is very finely layered, locally microfractured, and carries discontinuous chlorite-carbonate veinlets.

Rock Sample No. 833 Location: Mt. Lindsay Grid M.L.9, 400mN
Chloritised Lithic-Crystal Tuff/Tuffaceous Shale Breccia.
Essentially a bedded lithic crystal tuff with numerous clasts of tuffaceous shale generally concordant but in places highly discordant to the host rock bedding. Fragments show evidence of plastic deformation and in places cracks are infilled with host rock pyroclastic material. These features are typical of preconsolidation breccia or "soft pebble conglomerates".

The rock contains a small but variable non-pyroclastic component of chert fragments and mica flakes. Secondary Mg-chlorite and carbonate are pervasive - leucoxene staining and traces of magnetite.

Rock Sample No. 839 Location: Mt. Lindsay Grid M.L.11, 150mN
Tremolitised Andesine Microgabbro
Originally an ophitic microgabbro, now consists of relict and surprisingly fresh andesine (about An_{44}) with intersertal fine grained tremolite-actinolite, subordinate Mg-chlorite and leucoxene aggregates after primary ilmenite. Traces of pale augite persist with occasional recognisable chlorite pseudomorphs of olivine phenocrysts. Small trace very fine sulphide (? chalcopyrite).

Not unlike a mine type gabbro but considering the alteration most likely pre-Devonian (see, however, 821).

Rock Sample No. 840 Location: Mt. Lindsay Grid M.L.11, 150mN
Tremolitised Andesine Microgabbro
Very similar and clearly related to 839. This rock however is slightly finer grained and the plagioclase is somewhat but not markedly more altered. Again, relict andesine (tremolitised), some relict augite, interstitial tremolite-actinolite and leucoxenised ilmenite. Small trace very fine sulphide.

Rock Sample No. 843 Location: Mt. Lindsay Grid M.L.11, 200mN
Tremolitised, Chloritised Lithic-Crystal Tuff
Essentially similar to previous examples but with a higher proportion of quartz crystal fragments and with occasional grains of potash feldspar - thus of slightly more acid affinities. Lava fragments are chloritised and indeterminate. As is common in these rocks (which are strictly xenotuffs) non-pyroclastic material in the form of chert fragments, biotite flakes and occasional heavy mineral (tourmaline) grains are present, the rock is weakly bedded.

Pervasive fine grained chlorite and tremolite-actinolite with subordinate carbonate particularly after feldspar, traces of magnetite and sparsely disseminated Fe-sulphide partly in quartz-carbonate veins.

Rock Sample No. 951 Location: Mt. Lindsay Grid M.L.10, 200mN
Tuffaceous Lithic Sandstone.
Similar to 821 and 853 - a moderately sorted and weakly bedded lithic sandstone with some pyroclastic components (altered lava fragments) and marked development of fine grained biotite replacing the labile constituents.

Detrital heavy mineral grains are relatively sparse but analogous to those in the previous specimens - dominantly tourmaline (including blue schorl and dravite) and epidote with rare zircon - apatite (821) and sphene (853) are absent, at least from the section examined.

Occasional secondary granular quartz aggregates with disseminated pyrrhotite and ? chalcopyrite.

../4

Rock Sample No. 957 Location: Mt. Lindsay Grid M.L.10, 750mN
Tuffaceous Shale
An extremely fine grained finely layered rock consisting largely of indeterminate argillaceous material and fine (mean 10μ) magnetite euhedra. Contains fine-silt sized quartz splinters microscopic siliceous shards and occasional feldspar grains. The rock lacks detrital features and probably represents an ultrafine devitrified ash.

Rock Sample No. 1001 Location: Mt. Lindsay Road at Twin Creeks
Tuffaceous Siltstone
Essentially a sandy argillaceous siltstone. Much of the silty material is siliceous microshards and quartz splinters, similarly the sand-sized particles are quartz and rare plagioclase grains with occasional chert and poorly defined argillised ? lava fragments.

The argillaceous matrix has recrystallised to weakly orientated illite with occasional clots of pale biotite. The rock carries sparse pyrite disseminations generally associated with the coarser altered lithic fragments.

Rock Sample No. 1002 Location: Mt. Lindsay Grid M.L.14, 0mN
Tremolite Rock with Quartz Veins.
Consists entirely of semi-fibrous to subprismatic pale tremolite with vein-like segregations of granular quartz with abundant microscopic vacuoles. Tremolite in places is variably altered marginally to ultrafine talc.

572172

APPENDIX 4

E.L. 2/63 AND E.L. 18/73

MT. LINDSAY AREA

RECOMMENDED 1974-75 BUDGETS

5721 73

J/V EXPLORATION - NORTHERN AREAS (E.L.'s 2/63. 18/73)

	1	2	3	4	5	6	7	8	9	10	11	12	TOTALS
Salaries	1500	1500	1500	3500	4000	5000	5000	5000	3500	1500	1500	1500	35,000
Transport	415	332	332	415	332	332	415	332	332	415	332	332	4,316
Maintenance	21	17	17	21	17	17	21	17	17	21	17	17	220
Consumables	50	200	200	400	750	1250	1250	1250	750	400	200	100	6,800
Diamond Drilling	-	-	-	-	-	10000	16000						26,000
Outside Services (Including Consultants)	1000	1000	1000	1500	2000	3000	3000	3000	1500	1000	1000	1000	20,000
Geophysics	-	-	-	-	4000	4000	-	-	-	-	-	-	8,000
Survey	50	50	50	50	300	300	300	300	50	50	50	50	1,600
TOTALS	3036	3099	3099	5886	11399	23899	25986	9899	6149	3386	3099	2999	101,936
Renison's Share (50%)	1518	1549	1550	2943	5699	11950	12993	4950	3074	1693	1550	1499	50,968

5721741

EXPLORATION E.L. 2/63

	1	2	3	4	5	6	7	8	9	10	11	12	TOTALS
Salaries	750	750	750	2000	2500	3000	3000	3000	2000	750	750	750	20,000
Transport	200	200	200	200	200	200	200	200	200	200	200	200	2,400
Maintenance	11	7	7	11	7	7	11	7	7	11	7	7	100
Consumables	–	100	100	200	500	750	750	750	500	200	100	50	4,000
Diamond Drilling	–	–	–	–	–	10000	10000	–	–	–	–	–	20,000
Outside Services (Including Consultants	500	500	500	750	1000	1500	1500	1500	750	500	500	500	10,000
Geophysics	–	–	–	–	–	4000	–	–	–	–	–	–	4,000
Survey	50	–	50	–	150	150	150	150	–	50	–	50	8000
TOTALS	1511	1557	1607	3161	4357	19607	15611	5607	3457	1711	1557	1557	61,294

GAT

5721.75

EXPLORATION E.L. 18/73.

	1	2	3	4	5	6	7	8	9	10	11	12	TOTALS
Salaries	750	750	750	1500	1500	2000	2000	2000	1500	750	750	750	15,000
Transport	215	132	132	215	132	132	215	132	132	215	132	132	1,916
Maintenance	10	10	10	10	10	10	10	10	10	10	10	10	120
Consumables	50	100	100	200	250	500	500	500	250	200	100	50	2,800
Diamond Drilling	–	–	–	–	–	–	6000	–	–	–	–	–	6,000
Outside Services (Including Consultants)	500	500	500	750	1000	1500	1500	1500	750	500	500	500	10,000
Geophysics	–	–	–	–	4000	–	–	–	–	–	–	–	4,000
Survey	–	50	–	50	150	150	150	150	50	–	50	–	800
TOTALS	1525	1542	1492	2725	7042	4292	10375	4292	2692	1675	1542	1442	40,636

146°

BURNIE

LAUNCESTON

Renison Ltd
E L 18/73

ROSEBERY

RENISON BELL

Renison Ltd.
E L 2/63

42°

QUEENSTOWN

HOBART

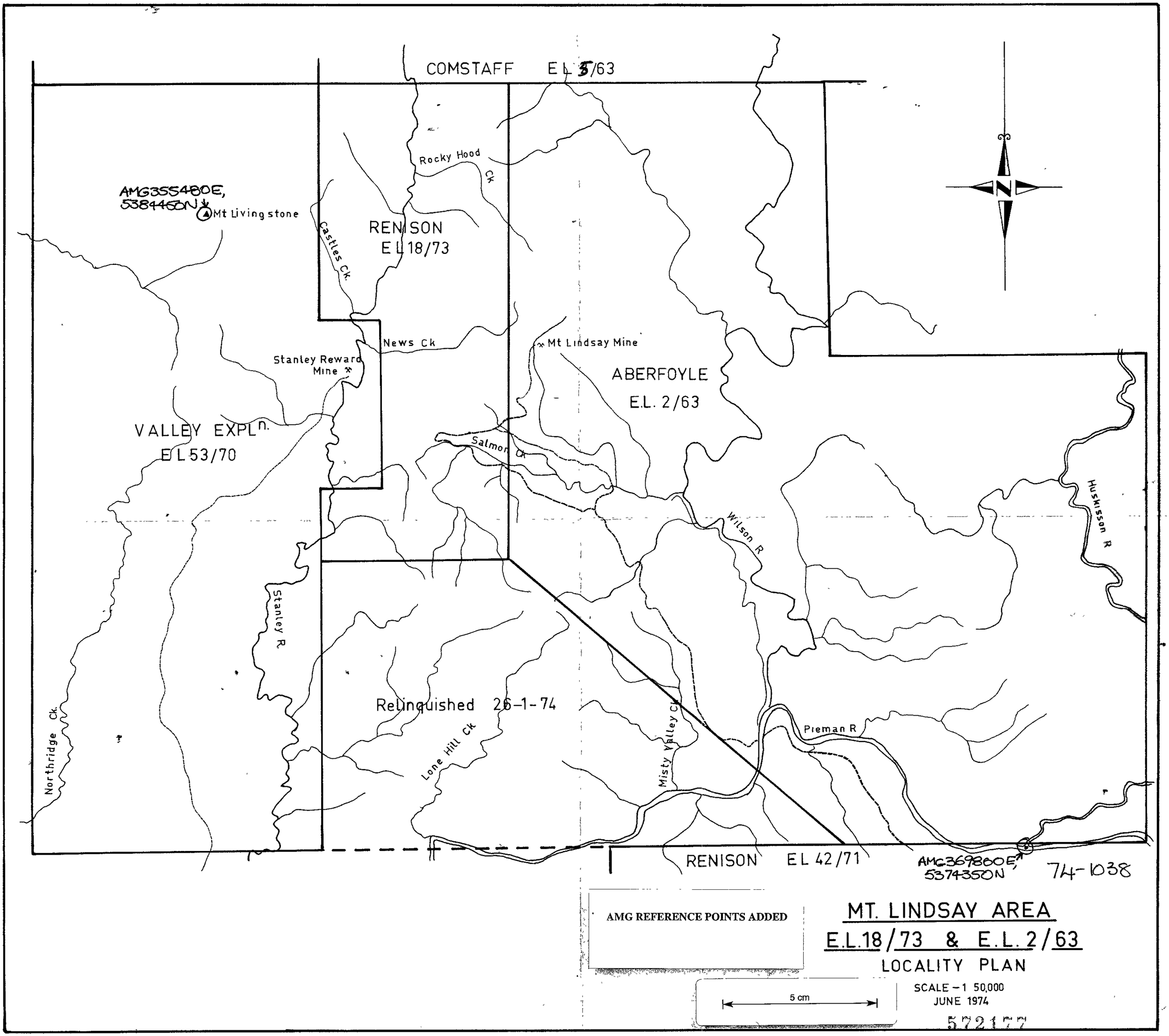
N

572176

MT. LINDSAY AREA
E.L.18/73 & E.L.2/63
LOCALITY PLAN

5 cm

SCALE - 1: 1,000,000
JUNE 1974



MT. LINDSAY AREA

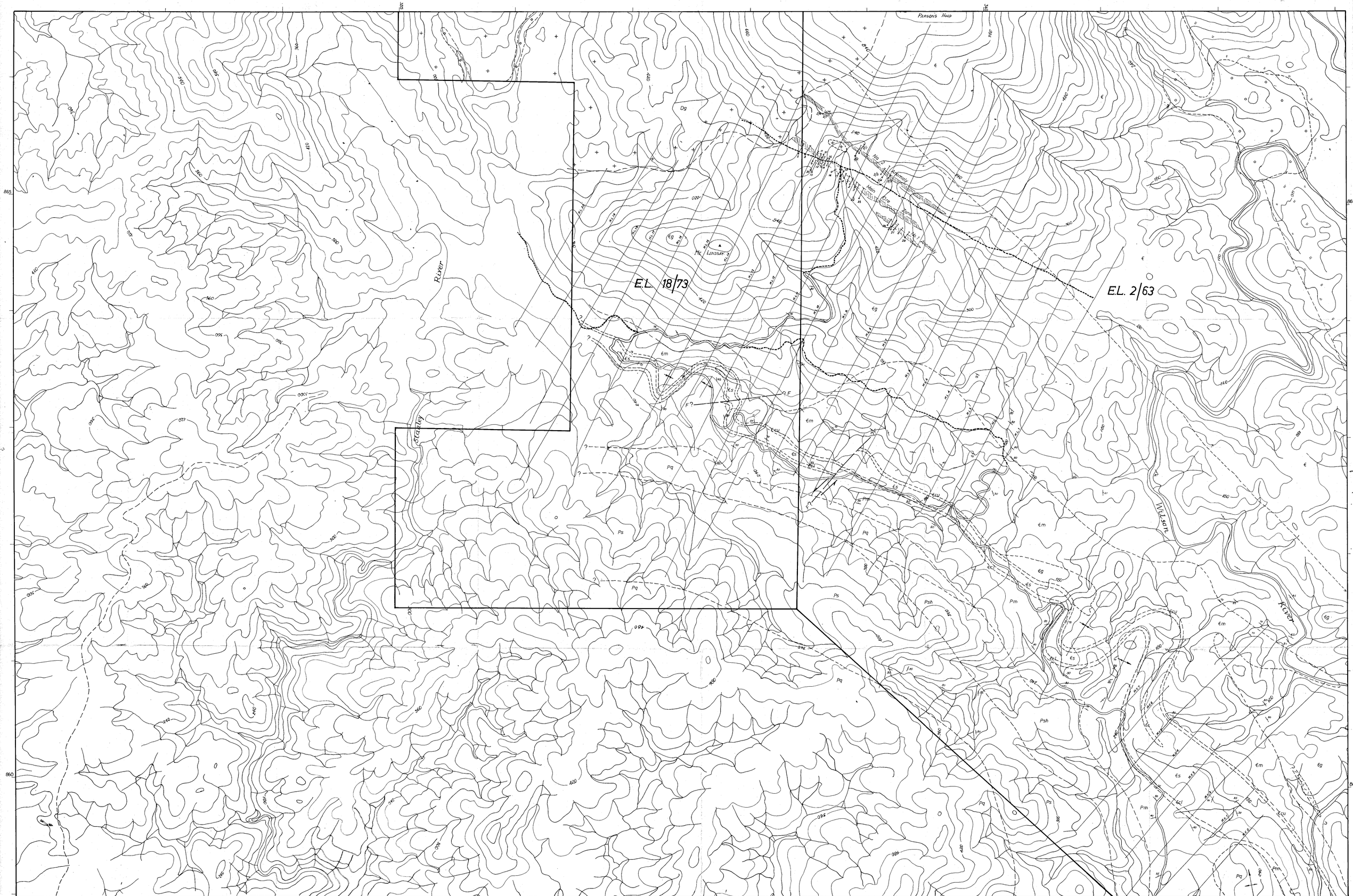
E.L.18/73 & E.L. 2/63

LOCALITY PLAN

SCALE – 1 50,000

JUNE 1974

572177



LOWER CAMBRIAN ?

OONAH FORMATION.

- Pq — Massive Quartzite.
- Ps — Siltstones.
- Psh — Shales, often graphitic & slumped.
- Pm — Mudstones, siltstones.

MIDDLE CAMBRIAN ?

CRIMSON CREEK FORMATION.

- €c — Chert.
- €cl — Lower Chert.
- €s — Siltstones.
- €cu — Upper Chert.
- €m — Fine Clastic sediments, some tuffs.
- €g — Mainly tuffs, some fine clastic sediments.
- € — Cambrian Undifferentiated.

TERTIARY

- Alluvium.

INTRUSIVES.

- Devonian granite.
- Cambrian, gabbro.
- Cambrian, Ultramafic.

KEY.

- Strike & dip of beds.
- Anticline / Syncline showing plunge.
- Inferred fault.
- Mt. Lindsay Mine Anomalies (After Aberfoyle).
- Aberfoyle D.D.H.
- Traverse lines.

Note: Mapping mainly by R.R. Schellekens 1972 – 1974.

CORINNA 1/3	CORINNA 1/4
ZEEHAN B11	ZEEHAN B12

5 cm

RENISON LIMITED 572178

E.L.18/73, EL.2/63.

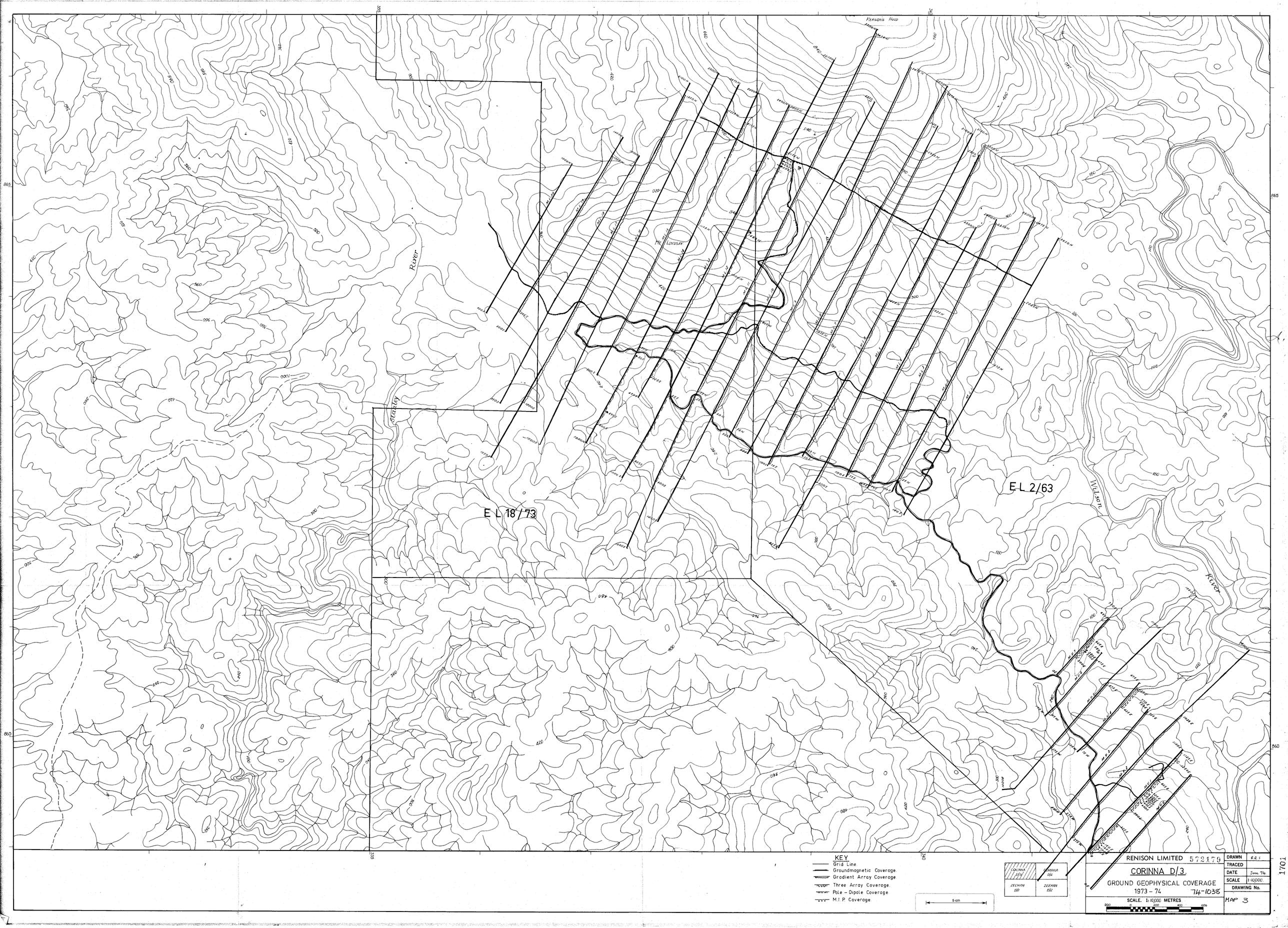
INTERPRETATIVE GEOLOGY.

74-1038

SCALE. 1:10,000 METRES

DRAWN	L.A.N.
TRACED	R.J.P.
DATE	9·9·74.
SCALE	1:10,000.
DRAWING No.	MAP 2

1700



PARSONS HOOD
MT LINDSAY
Stanley River
Wilson River
E L 18/73
E L 2/63
KEY
Grid Line.
Groundmagnetic Coverage.
Gradient Array Coverage.
Three Array Coverage.
Pole - Dipole Coverage.
M.I.P. Coverage.
5 cm
CORINNA D/3
CORINNA D/4
ZEEHAN B/1
ZEEHAN B/2
RENISON LIMITED 572179
CORINNA D/3.
GROUND GEOPHYSICAL COVERAGE
1973 - 74
74-1038
SCALE. 1:10,000 METRES
200 0 200 400 600
DRAWN R.R.S.
TRACED
DATE June. 74.
SCALE 1:10,000.
DRAWING No.
MAP 3

1701

PARSONS HOOD

MT LINDSAY

WILSON RIVER

KEY

- Grid Lines.
- Definite I.P Anomaly (Chargeability).
- Weak I.P Anomaly "
- Resistivity Anomaly.
- Magnetic Anomaly (High)
- Magnetic Anomaly (Low)
- Turair Anomaly.
- Banded Turair Conductor.
- Multiple Surface Turair Conductor.

CORINNA D/3	CORINNA D/4
ZEEHAN B/1	ZEEHAN B/2

5 cm

RENISON LIMITED 74-1038

CORINNA D/3.
E.L.18/73 & E.L. 2/63
CORRELATION OF MAGNETIC & I.P. ANOMALIES

SCALE. 1:10000 METRES

200 0 200 400 600

DRAWN	R.R.S.
TRACED	
DATE	July '74.
SCALE	1:10000.
DRAWING No.	MAP 4

572000 1702

Deep

The

Creek

Annas

Creek

River

Misty

Chert

Valley

Creek

Wilson

River

11000E

26000N

25000N

13000E

372181

74-1038

KEY

To convert contour values to Total Field add 00.

5000 ɣ

1000 ɣ

200 ɣ

Magnetic Low

5 cm

RENISON LIMITED

E.L. 2/63.

Ground Magnetics Survey

Misty Valley Grid

SCALE. 1: 5000 METRES

DRAWN	R.R.S.
TRACED	
DATE	Aug '74'
SCALE	1:5,000
DRAWING No.	

MAP 5

1703

Salmon Creek
Deep
The
Wilson
Creek
Annas
Creek
River
Misty
Valley
Creek
Chert
Creek
Annas
Creek
Wilson River
Creek
Licence Boundary

CORINNA D1/3 | CORINNA D1/4
CORINNA D3/1 | CORINNA D3/2
CORINNA D3/3 | CORINNA D3/4

KEY

Grid Location.
Grid Line & Sample N°.

5 cm

RENISON LIMITED

MISTY VALLEY GRID
GEOCHEMICAL SAMPLE LOCATIONS
E L 2/63

SCALE. 1:5,000 METRES
100 0 100 200 300

DRAWN	R.R.S.
TRACED	
DATE	June'74
SCALE	1:5,000
DRAWING No.	
	MAP 6 (a)

572182

74-1038

1705

PARSONS HOOD

MT LINDSAY

LINE M.L. 14

LINE M.L. 13

LINE M.L. 12

LINE M.L. 11

LINE M.L. 10

News

Tullock Creek

South East Creek

Salmon Creek

Licence Boundary

REST OF LINE M.L. 14 SOMEWHERE

KEY

2000N — Grid Location.

M.L. 20 — Grid Line & Sample No.

5 cm

N

CORINNA D1/3	CORINNA D1/4
CORINNA D3/1	CORINNA D3/2
CORINNA D3/3	CORINNA D3/4

RENISON LIMITED

MT. LINDSAY GRID

GEOCHEMICAL SAMPLE LOCATIONS

E.L. 18/73 & E.L. 2/63

SCALE. 1:5000 METRES

100 0 100 200 300

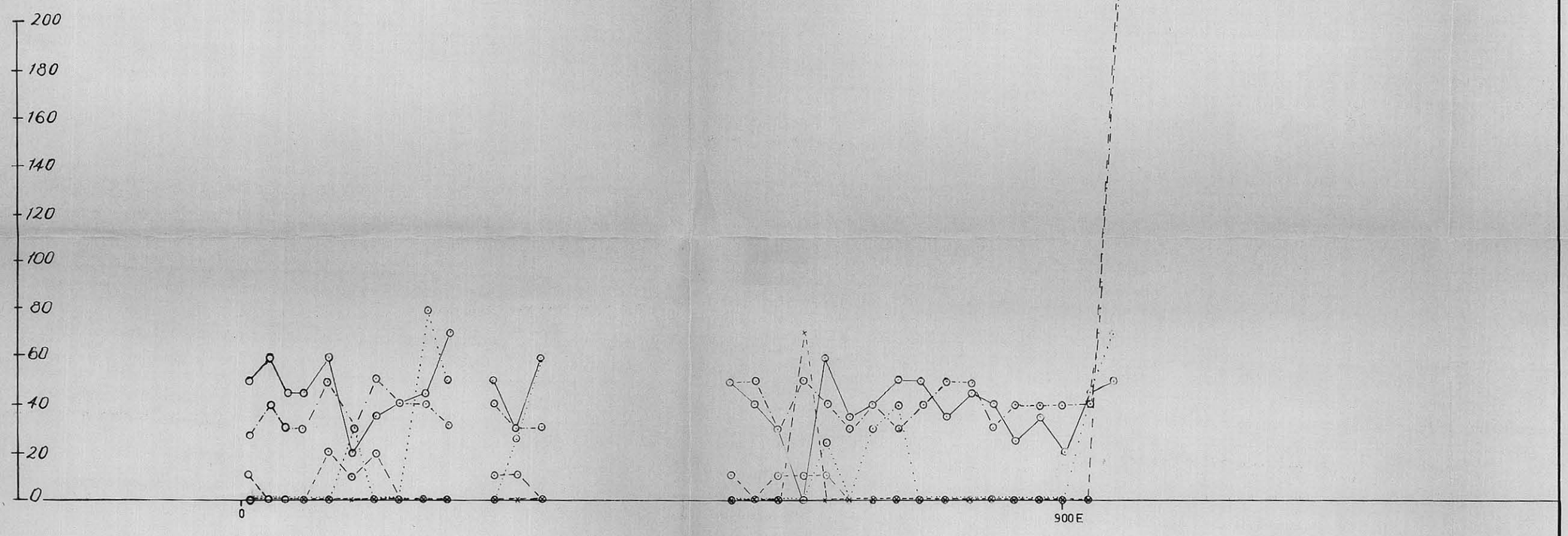
DRAWN	R.R.S.
TRACED	
DATE	July 74
SCALE	1:5000
DRAWING No.	MAP 6 (b)

572183 74-1038

1704

Geochemistry

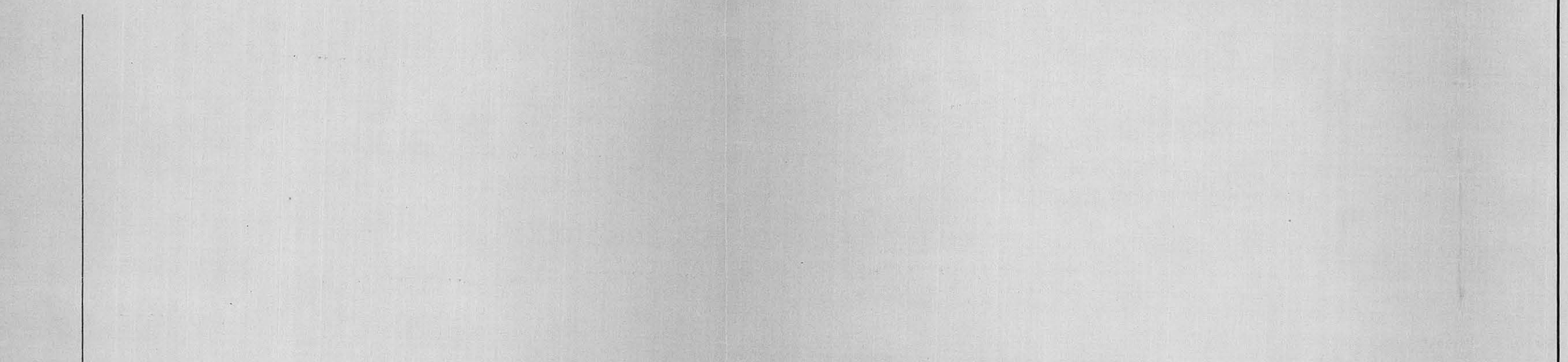
ppm.



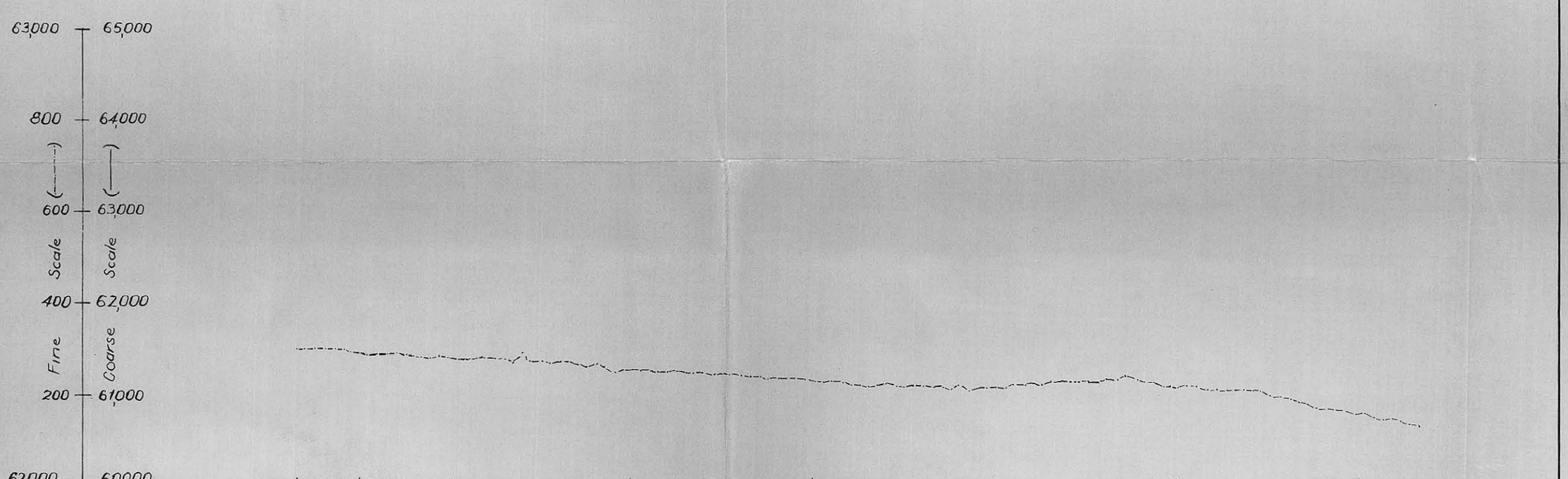
I.P. Data

Resistivity in Ohm - Metres (----)

Chargeability in Millivolts/Volt (——)

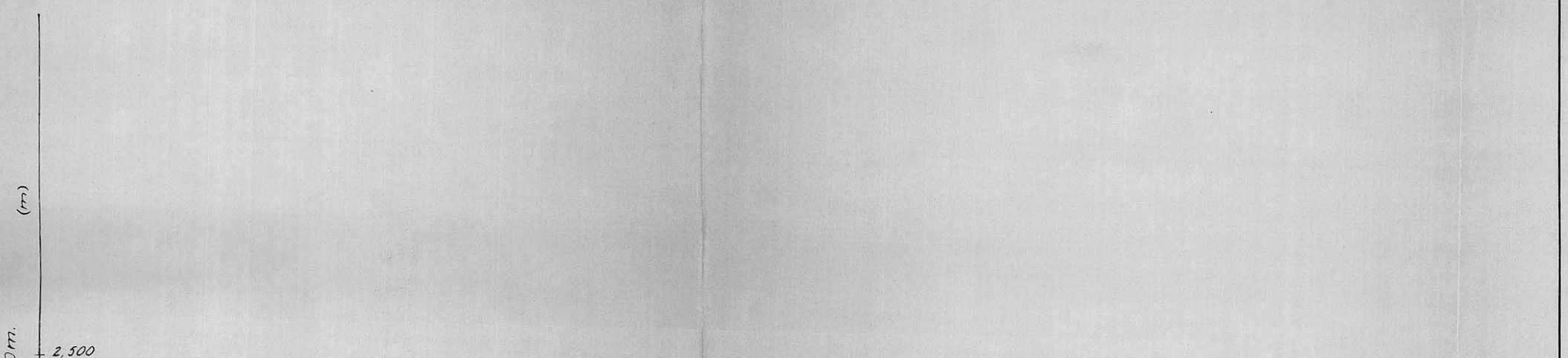


Total Magnetic Field (δ)



Topography & Geology.

(m) Height above Sea Level + 2000 m.



572184

RENISON LIMITED 74-1048	DRAWN R.R.S.
E.L. 2/63. MISTY VALLEY GRID. LINE M.V. 0.	TRACED
	DATE
	SCALE 1:5,000
SCALE. 1:5,000 METRES. 100 0 100 200 300	DRAWING No.

IP
- Chargeability.
- Resistivity.

MAGNETICS.
- 5,000 γ Scale
- 1000 γ Scale.

GEOCHEMISTRY.
- Sn.
- Cu.
- Pb.
- Zn.
- As.
- W.

5 cm

1726

Geochemistry

p.p.m.

200 180 160 140 120 100 80 60 40 20 0

200mW 00 1000mE

Resampling 600 - 1000mE

600 800 1000

M.I.P. & E.I.P. Data

Resistivity in Ohm - Metres (- - -)

Chargeability in Millivolts/Volt (——)

1000 500 200 100

80 60 40 20 0

−12 −8 −4 0 +4 +8

M3

HN %

300 260 220 180 140 100

500 600 700 800

00 1000mE

I.P. Data

Resistivity in Ohm - Metres (- - -)

Chargeability in Millivolts/Volt (——)

2000 1000 500 300 200 100

60 40 20 0

00 1000mE

Total Magnetic Field (δ)

63,000 800 600 400 200 62,000

65,000 64,000 63,000 62,000 61,000 60,000

Fine Scale (- - -) Coarse Scale (——)

200mW 00 1000mE

Topography & Geology.

Height above Sea Level + 2000gm. (m)

2600 2500 2400 2300 2200 2100

200mW 00 200E 400E 600E 800E 1000mE 1200E

Grey-black chert scree. Road. Creek. Creek. Turair Wire. Road. Ironstone. Turair Wire. Chert Ck.

Grey shales (slumped). Grey siltstones & minor thin chert beds. Shales. Blue-black shales. Grey siltstones with minor shales. Red Chert?

572185

RENISON LIMITED 74-1048

E.L. 2/63
MISTY VALLEY GRID.
LINE M.V.1.

SCALE. 1:5,000 METRES.

100 0 100 200 300

DRAWN	R.R.S.
TRACED	
DATE	
SCALE	1:5000
DRAWING No.	

I.P.
Chargeability.
Resistivity.

MAGNETICS.
5000 δ Scale
1000 δ Scale.

GEOCHEMISTRY.
Sn
Cu
Pb
Zn
As
W.

E.I.P.
Chargeability 1cm = 10millivolts/volt
Resistivity 5cm = Logarithmic cycle
Three Arroy a = 25m. a = 50m.
Pole - Dipole a = 50m. n = 2

M.I.P.
Chargeability, M, 1cm = 4 milligammas/gamma
Subscript denotes slice presented.
M1
M5
HN 1cm = 40%

1727

5 cm

Geochemistry
ppm.

200 180 160 140 120 100 80 60 40 20 0

00 1000mE

I.P. Data
Resistivity in Ohm - Metres (- - -)
Chargeability in Millivolts/Volt (——)

2000 1000 500 300 200 100 — 60 40 20 0

00 1000mE

Total Magnetic Field (δ)

63,000 64,000 63,000 62,000 61,000 60,000

800 600 400 200 — Fine Scale (- - -)
65,000 64,000 63,000 62,000 61,000 60,000 — Coarse Scale (——)

800mW 00

Topography & Geology.
Height above Sea Level + 2000 m. (m.)

2500 2400 2300 2200 2100 (m.)

Misty Valley Creek
Road
Misty Valley anomaly
Road
Ironstone cementing red chert scree.
Chert Ck.
Red chert
Red chert
Pieman River

Blue - black shales (slumped)
Grey siltstones - chert scree at surface.
Grey laminated siltstones & shales.
Grey siltstones & shales.
Argillites & lithic tuffs (weathers to thick brown - purple clays)

572186

800mW 600W 400W 200W 00E 200E 400E 600E 800E 1000mE 1200E 1400E 1600E 1800E

IP
Chargeability.
Resistivity.

MAGNETICS
5000 δ Scale
1000 δ Scale

GEOCHEMISTRY
Sn
Cu
Pb
Zn
As
W.

RENISON LIMITED 74-1048

E.L. 2/63.
MISTY VALLEY GRID.
LINE M.V. 2.

SCALE. 1:5000 METRES.
100 0 100 200 300

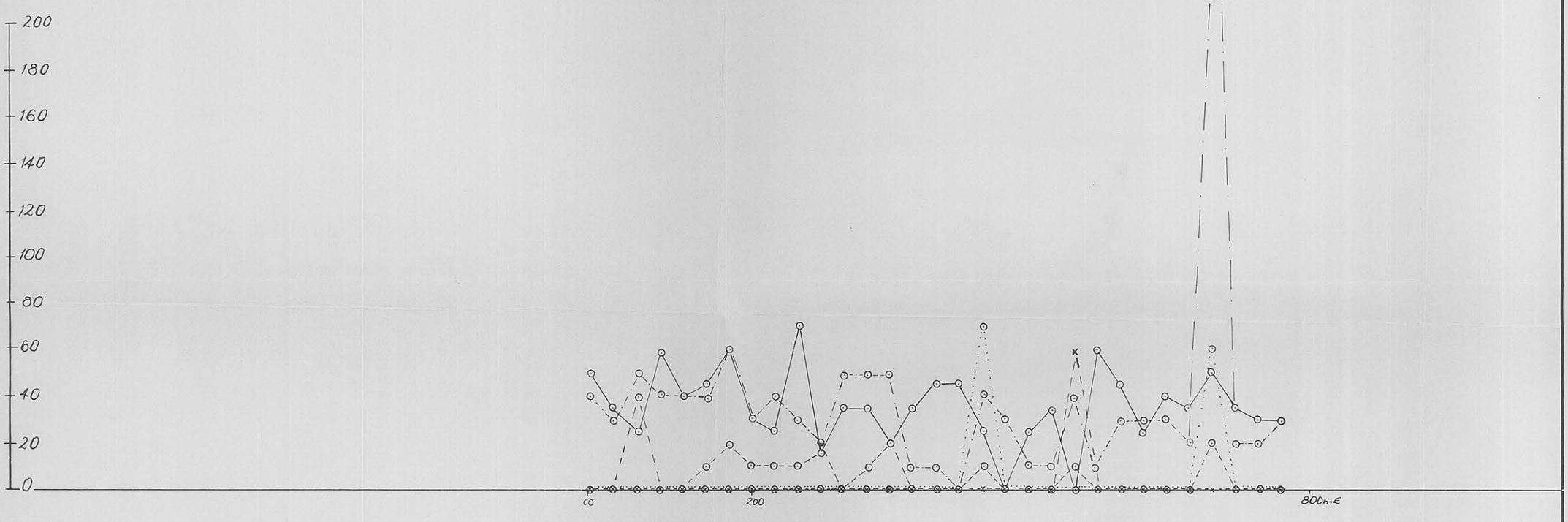
DRAWN	R.R.S.
TRACED	
DATE	
SCALE	1 5000
DRAWING No.	

1728

5 cm

Geochemistry

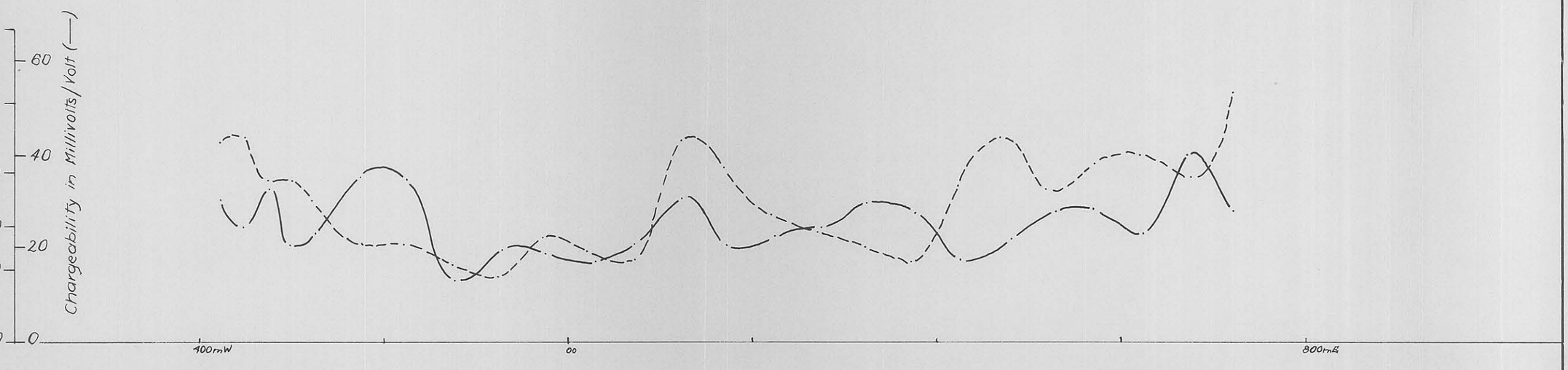
ppm.



I.P. Data

Resistivity in Ohm - Metres (----)

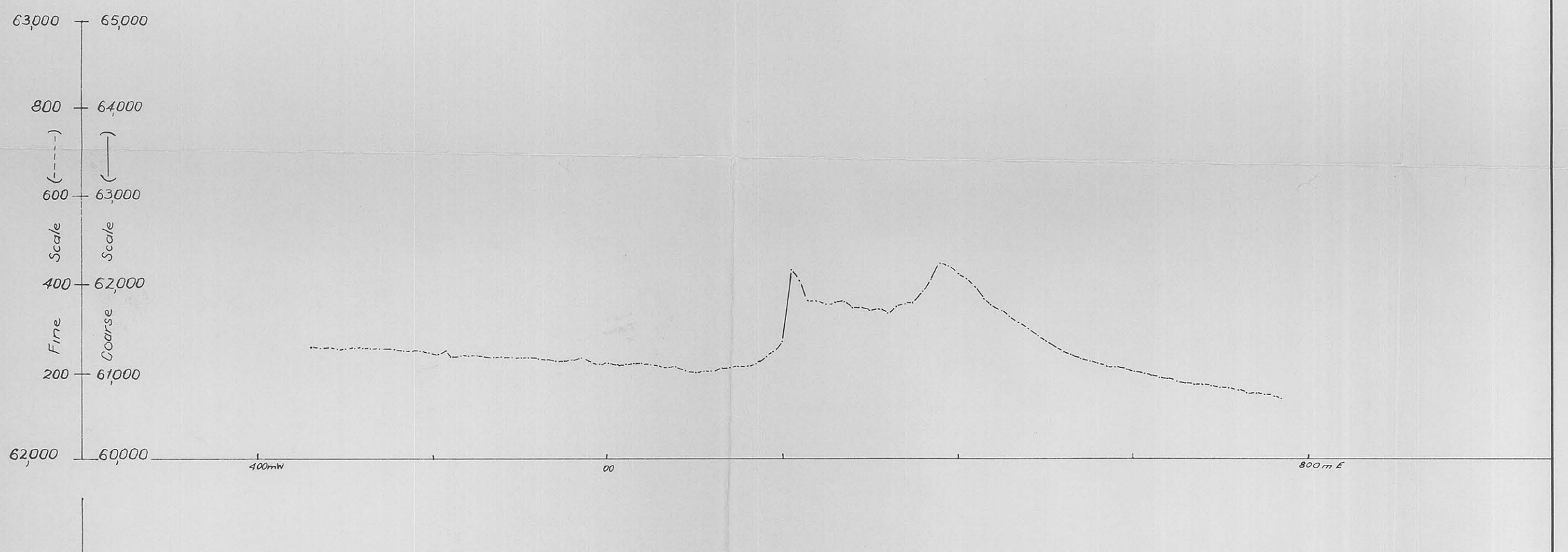
Chargeability in Millivolts/Volt (——)



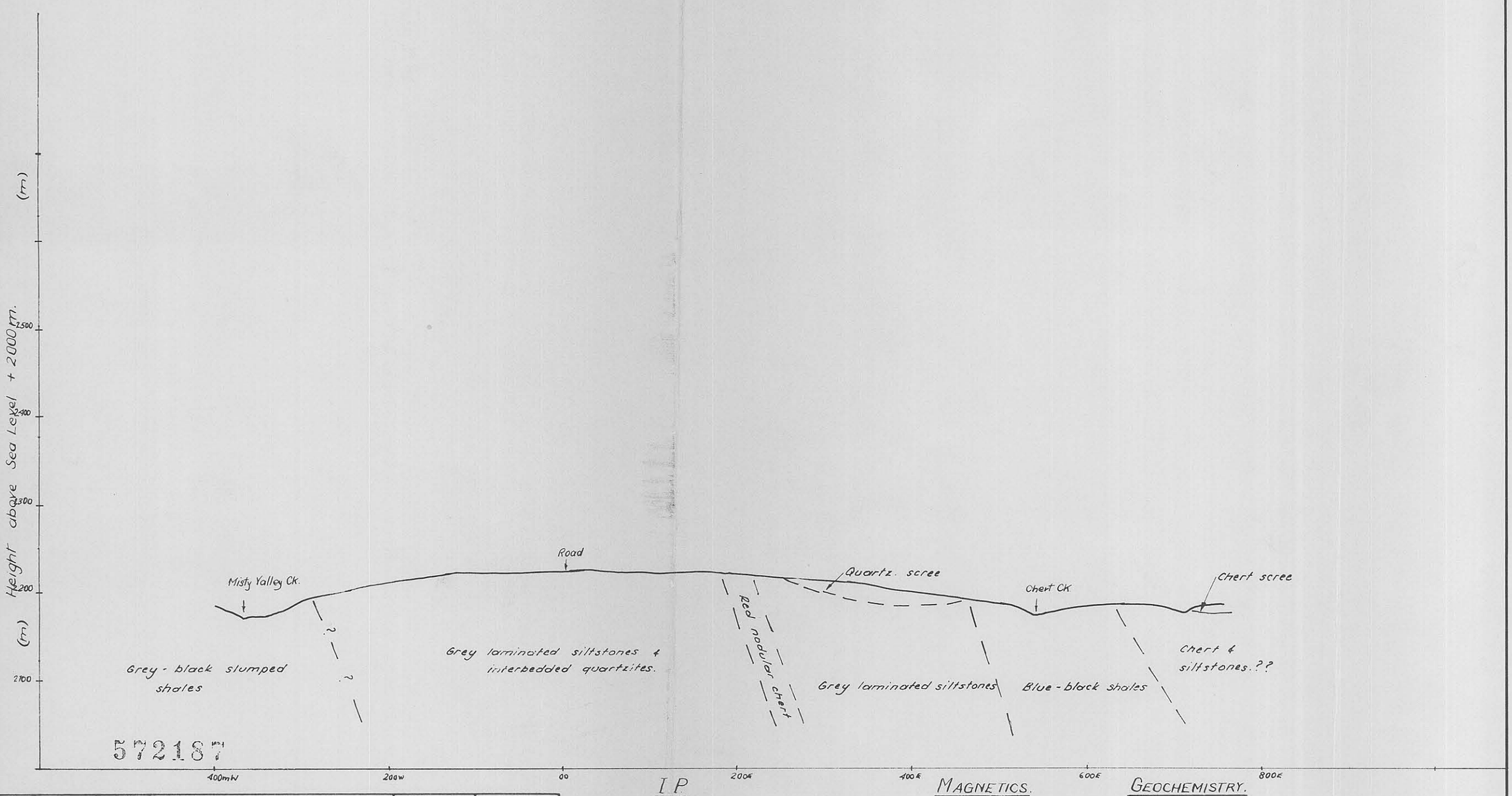
Total Magnetic Field (δ)

Fine Scale (----)

Coarse Scale (——)



Topography & Geology.



RENISON LIMITED 74-1048

E.L. 2/63
MISTY VALLEY GRID.
LINE M.V. 3.

SCALE. 1:5,000 METRES.

100 0 100 200 300

DRAWN	R.R.S.
TRACED	
DATE	
SCALE	1:5,000
DRAWING No.	

I.P

Chargeability.

Resistivity.

MAGNETICS.

5,000 γ Scale.

1000 γ Scale.

GEOCHEMISTRY.

Sn.
Cu.
Pb.
Zn.
As.
W.

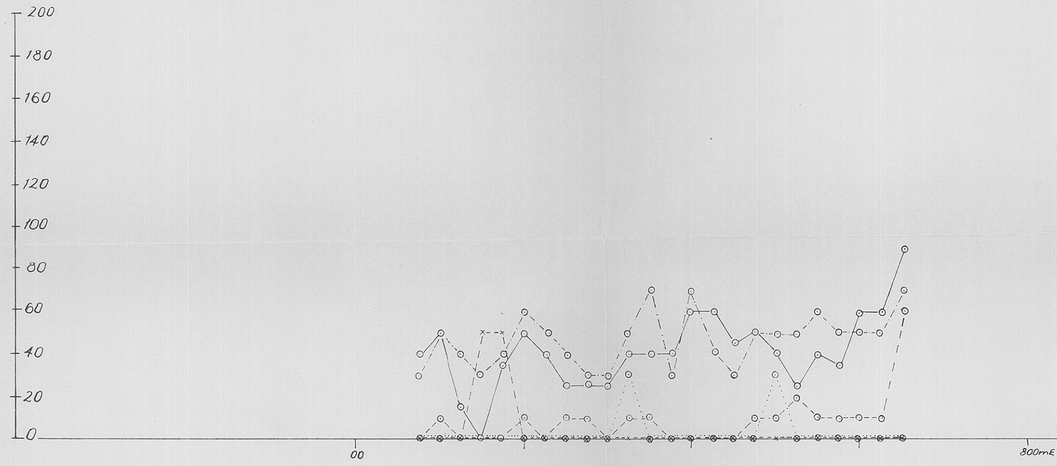
572187

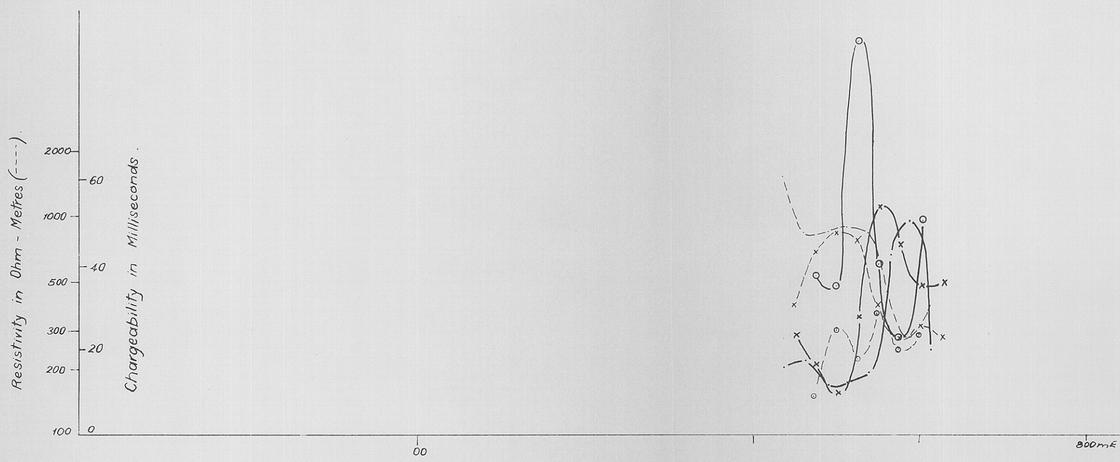
1729

5 cm

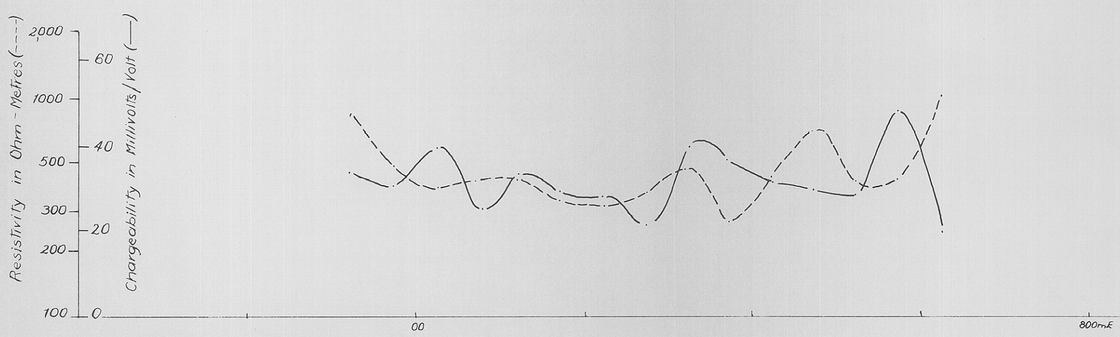
Geochemistry

ppm.

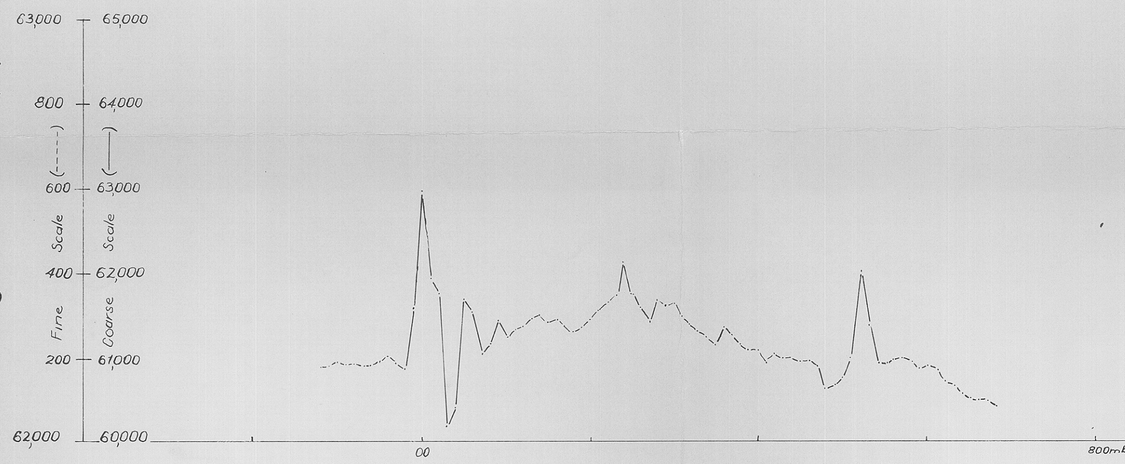




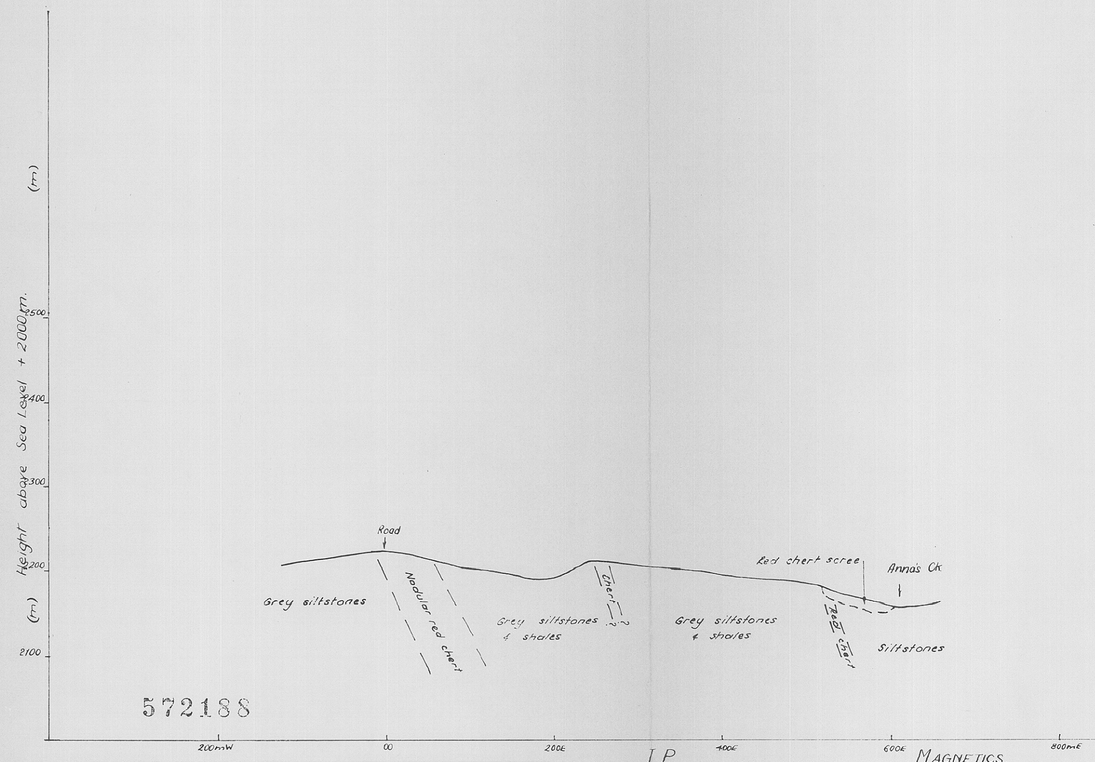
I.P. Data



Total Magnetic Field (δ)



Topography & Geology.



572188

RENISON LIMITED 74-1048

E.L. 2/63.
MISTY VALLEY GRID.
LINE M.V. 4.

SCALE. 1:5,000 METRES.
100 0 100 200 300

DRAWN	R.R.S.
TRACED	
DATE	
SCALE	1:5000
DRAWING No.	

I P
Chargeability.
Resistivity.

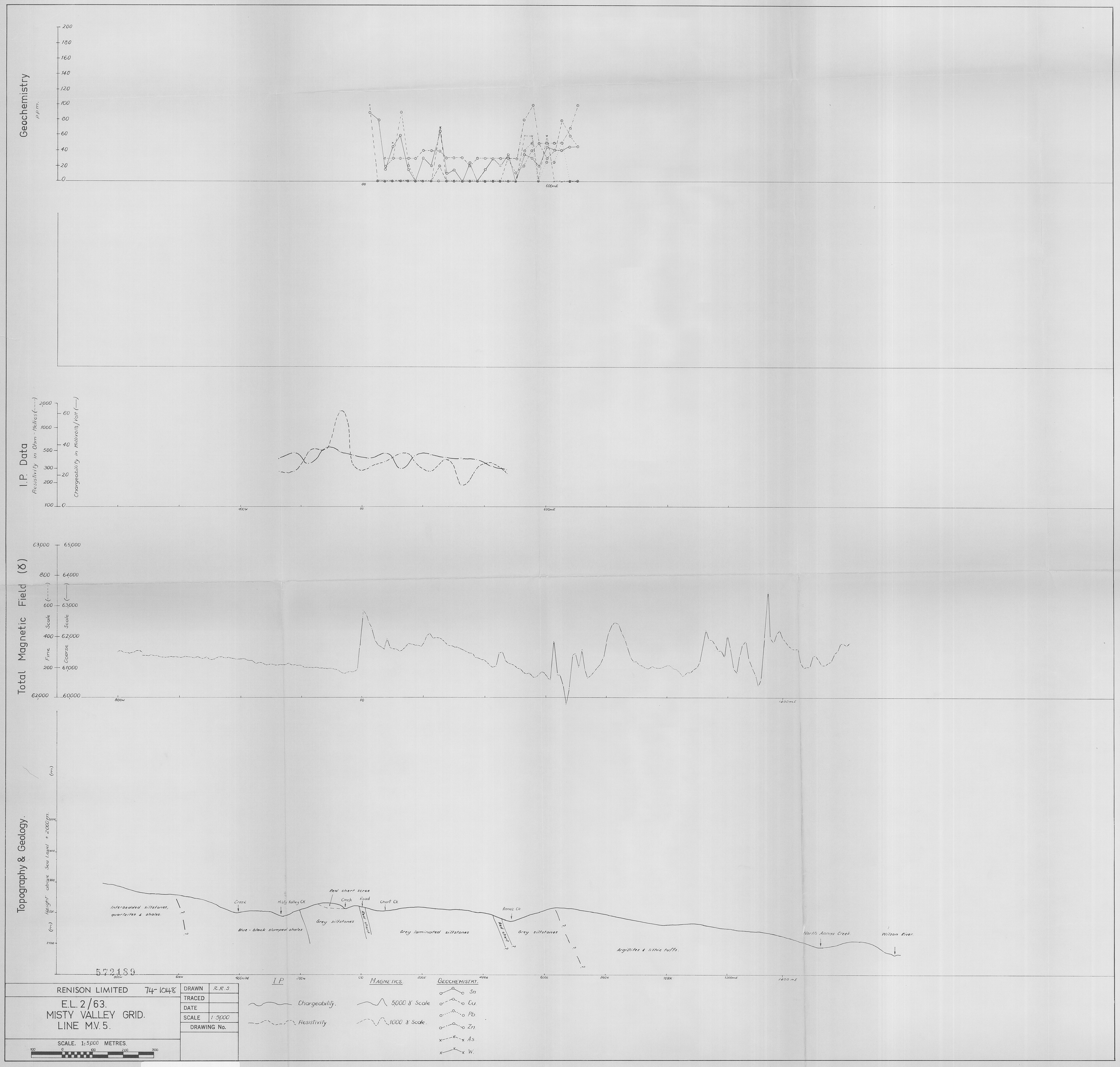
MAGNETICS.
5,000 γ Scale
1000 γ Scale.

GEOCHEMISTRY.
Sn
Cu
Pb
Zn
As
W

E. I. P.
Chargeability
1cm. = 10 Millivolts/volt.
Resistivity
5cm. = Logarithmic cycle.
Three Array a = 25m.
a = 50m.
Pole - Dipole a = 50m.
n = 2

M. I. P.
Chargeability, M, 1cm = 4 milligammas/gamma.
Subscript denotes slice presented.
M_1
M_5
HN 1cm = 40%.

1730



572189

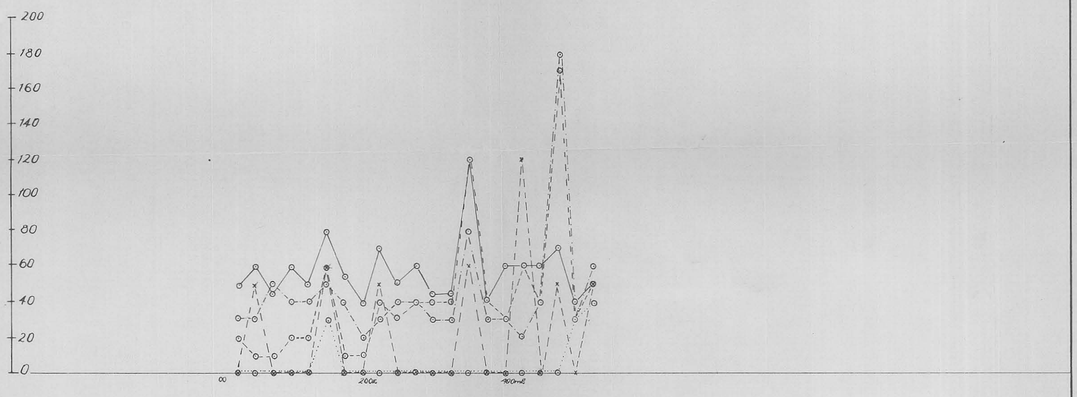
RENISON LIMITED 74-1048	DRAWN	R.R.S.
E.L. 2/63. MISTY VALLEY GRID. LINE M.V. 5.	TRACED	
	DATE	
	SCALE	1:5000
	DRAWING No.	

SCALE. 1:5,000 METRES.

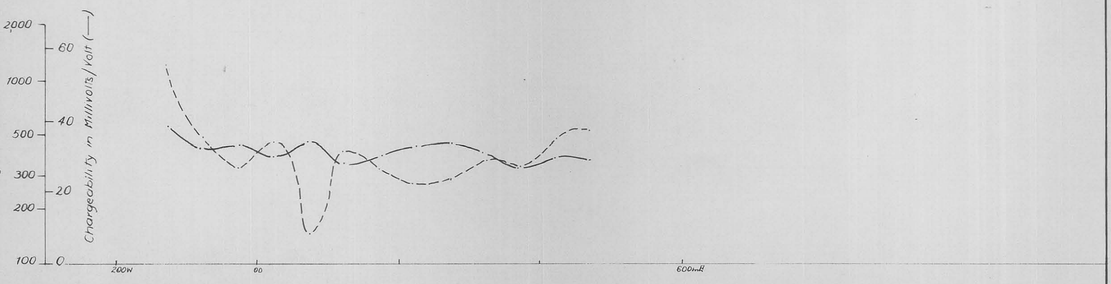
1731

5 cm

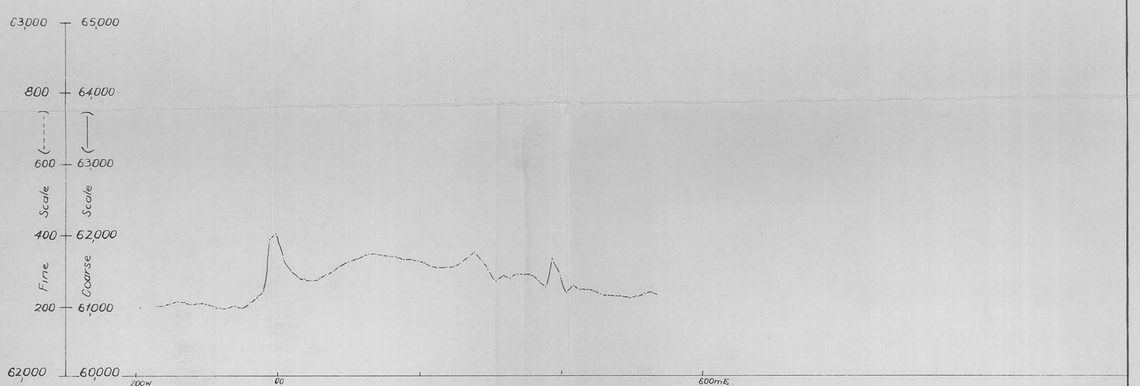
Geochemistry



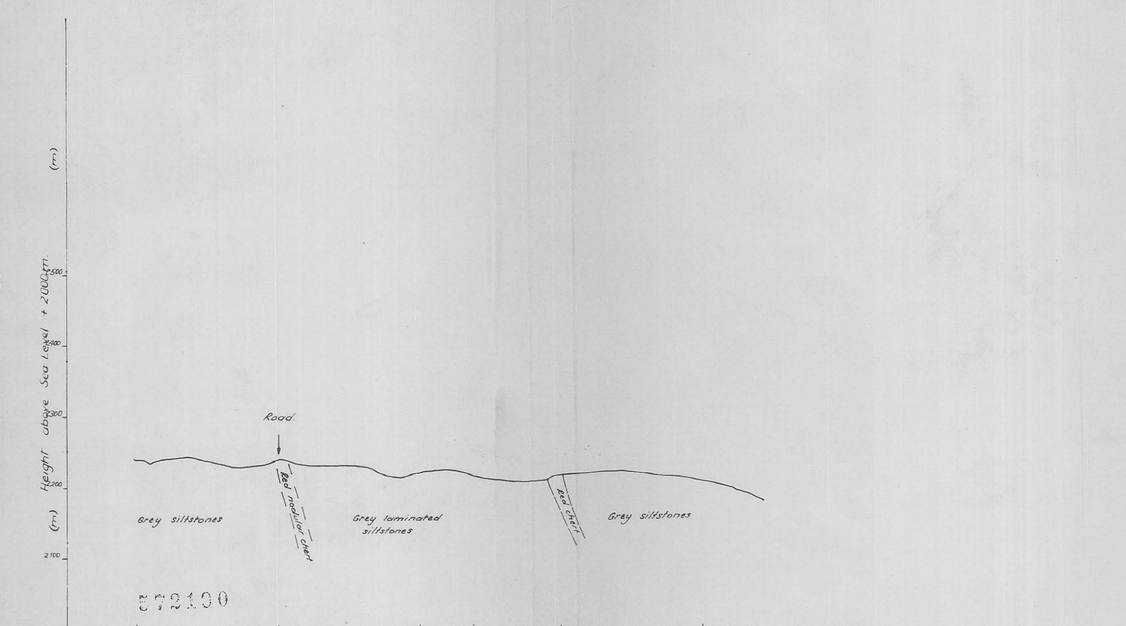
I.P. Data



Total Magnetic Field (δ)



Topography & Geology.



RENISON LIMITED 74-1048	DRAWN R.R.S.
E.L. 2/63	TRACED
MISTY VALLEY GRID.	DATE
M.V. 6.	SCALE 1:5000
	DRAWING No.

SCALE. 1:5000 METRES.

100 0 100 200 300

I.P
Chargeability.
Resistivity

MAGNETICS
5000 γ Scale
1000 γ Scale

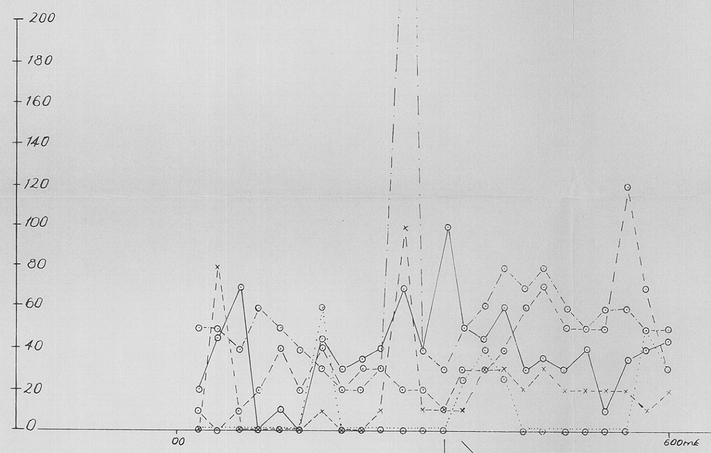
GEOCHEMISTRY.
Sn
Cu
Pb
Zn
As
W.

1732

5 cm

Geochemistry

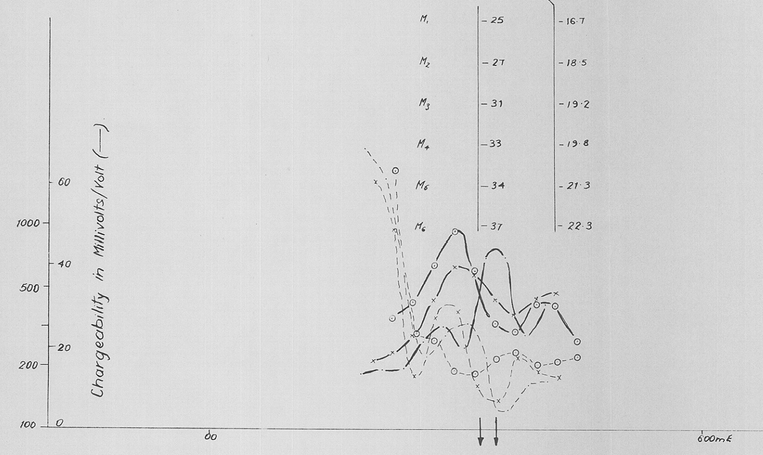
p.p.m.



M.I.P & E.I.P

Resistivity in Ohm - Metres (----)

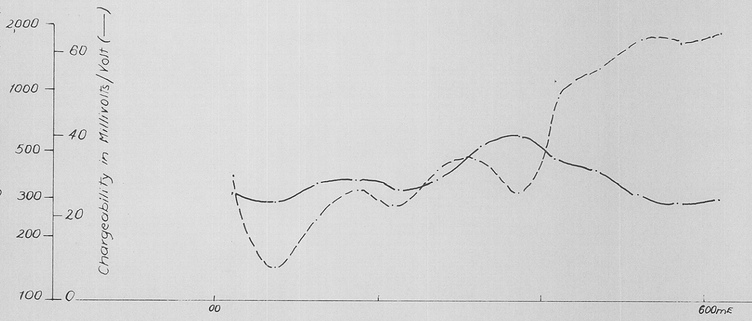
Chargeability in Millivolts/Volt (——)



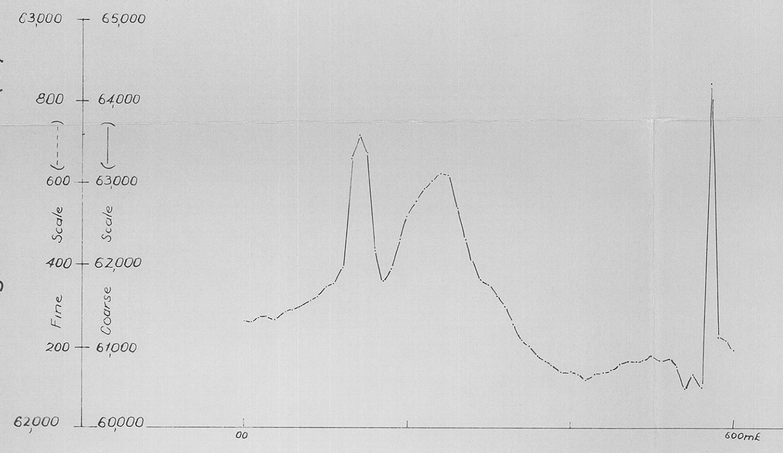
I.P. Data

Resistivity in Ohm - Metres (----)

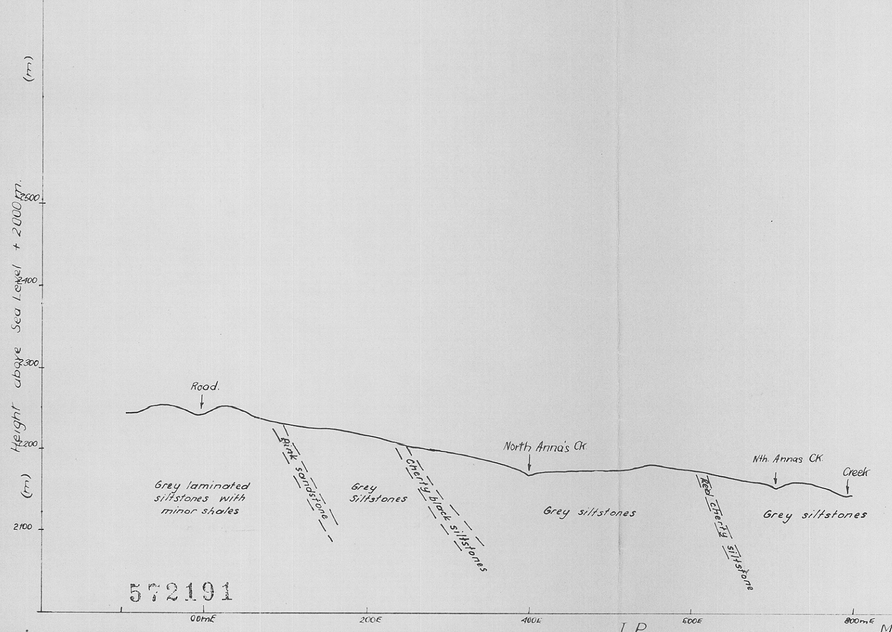
Chargeability in Millivolts/Volt (——)



Total Magnetic Field (δ)



Topography & Geology.



RENISON LIMITED 74-1048

E.L. 2/63
MISTY VALLEY GRID.
LINE M.V. 7.

SCALE. 1:5000 METRES.
100 0 100 200 300

DRAWN	R.R.S.
TRACED	
DATE	
SCALE	1:5000
DRAWING No.	

I.P
Chargeability.
Resistivity

MAGNETICS
5000 δ Scale
1000 δ Scale.

GEOCHEMISTRY.
Sn
Cu
Pb
Zn
As
W.

E.I.P
Chargeability Resistivity
1cm. = 10 millivolts/volt, 5cm = Logarithmic cycle
Three Array a = 25m.
a = 50m.
Pole - Dipole a = 50m.
n = 2

M.I.P
Chargeability, M, 1cm. = 4 milligammas/gamma.
Subscript denotes slice presented.
M1
M5
HN 1cm = 40%

1733

5 cm

Geochemistry

ppm.

50 — 200
180
40 — 160
140
30 — 120
100
20 — 80
60
10 — 40
20
0 — 0

I.P. Data

Resistivity in Ohm - Metres (----)

Chargeability in Millivolts/Volt (—)

2000 — 60
1000
500 — 40
300
200 — 20
100 — 0

1400N 2000N

Total Magnetic Field (δ)

63,000 — 65,000
800 — 64,000
600 — 63,000
400 — 62,000
200 — 61,000
62,000 — 60,000

(----) Fine Scale

(—) Coarse Scale

00 1000N 2000N

Topography & Geology.

Height above Sea Level + 2000ft. (m)

600 (m)
400
300
200
100 (m)

Road

Salmon Ck. Tullock Ck.

Baseline

Interbedded siltstones & shales.

Cherts & Tuffs.

Cherts & siltstones

Argillitic sediments

Crystal tuff

Brown-purple tuffs & weathered argillitic sediments.

Shales

Lithic crystal tuffs.

Argillitic siltstones & shales.

Lithic crystal tuff

Argillitic siltstones & shales.

572192

00 200N 400N 600N 800N 1000N 1200N 1400N 1600N 1800N 2000N 2200N 2400N 2600N

IP

Chargeability.

Resistivity

MAGNETICS.

5000 δ Scale.

1000 δ Scale.

GEOCHEMISTRY.

Sn

Cu

Pb

Zn

As.

W.

5 cm

RENISON LIMITED 74-1038	
E.L. 2/63. MT. LINDSAY GRID. LINE M.L.1.	
SCALE. 1:5000 METRES. 100 0 100 200 300	

DRAWN	R.R.S.
TRACED	
DATE	
SCALE	1:5000
DRAWING No.	

1706

Geochemistry

ppm.

50 — 200
180
40 — 160
140
30 — 120
100
20 — 80
60
10 — 40
20
0 — 0

I.P. Data

Resistivity in Ohm - Metres (----)

Chargeability in Millivolts/Volt (——)

2000 — 60
1000 — 40
500 — 20
300
200
100 — 0

00 1000N 2000N 2400N

Total Magnetic Field (δ)

Fine Scale (----) 63,000 — 800 — 600 — 400 — 200 — 62,000

Coarse Scale (——) 65,000 — 64,000 — 63,000 — 62,000 — 61,000 — 60,000

00 1000N 2000N 2400N

Topography & Geology.

Height above Sea Level + 2000 ft. (m)

2500 (m)
2400
2300
2200
2100

Road Creek Salmon Creek. Walking Track Creek Tullock Creek South East Ck. Creek Creek

Interbedded siltstones & shales. | Red Chert | Gr.-br. siltstones & minor tuffs. | Chert | Crystal tuff | Argillitic siltstones & shales | Shales | Lithic crystal tuff | Argillitic siltstones & shales. | Hornfels

572193

00 200N 400N 600N 800N 1000N 1200N 1400N 1600N 1800N 2000N 2200N 2400N

IP — Chargeability. — Resistivity.

MAGNETICS — 5000 δ Scale — 1000 δ Scale

GEOCHEMISTRY — Sn, Cu, Pb, Zn, As, W

RENISON LIMITED 74-1038	
E.L. 2 63. MT. LINDSAY GRID. LINE M.L. 2.	
SCALE. 1:5000 METRES. 100 0 100 200 300	
DRAWN	R.R.S
TRACED	
DATE	April '74.
SCALE	1:5000
DRAWING No.	

5 cm

1707

Geochemistry

ppm.

50 — 200
180
40 — 160
140
30 — 120
100
20 — 80
60
10 — 40
20
0 — 0

I.P. Data

Resistivity in Ohm - Metres (----)

Chargeability in Millivolts/Volt (——)

2000 — 60
1000
40
500
300 — 20
200
100 — 0

00 1000N 2000N 2400N

Total Magnetic Field (δ)

63,000 — 65,000
800 — 64,000
(----) Fine Scale — (——) Coarse Scale
600 — 63,000
400 — 62,000
200 — 61,000
62,000 — 60,000

00 1000N 2000N 2400N

Topography & Geology.

Height above Sea Level + 2000 ft. (m)

2100 2200 2300 2400 2500

Low Low Ck. Road Old Road Salmon Ck. Creek Walking Track Creek Tullock Ck. Creek South East Creek Creek Creek

Interbedded siltstones & shales. Black chert beds near top of sequence.

Chert & purple tuffs

Grey-brown siltst. & tuff

Red chert

Crystal tuffs

Argillitic siltstones, shales & tuffs.

Crystal tuffs

00 200N 400N 600N 800N 1000N 1200N 1400N 1600N 1800N 2000N 2200N 2400N

572194

IP

Chargeability.

Resistivity

MAGNETICS.

5000 γ Scale.

1000 γ Scale.

GEOCHEMISTRY.

Sn

Cu.

Pb.

Zn.

As.

W.

RENISON LIMITED 74-1038

E.L. 2/63.
MT. LINDSAY GRID.
LINE M.L. 3

DRAWN	R.R.S.
TRACED	
DATE	Apr. 1974.
SCALE	1:5000
DRAWING No.	

SCALE. 1:5000 METRES.

100 0 100 200 300

5 cm

1708

Geochemistry

ppm.

50 — 200
180
40 — 160
140
30 — 120
100
20 — 80
60
10 — 40
20
0 — 0

I.P. Data

Resistivity in Ohm-Metres (----)

Chargeability in Millivolts/Volt (—)

2000 — 60
1000
500 — 40
300
200 — 20
100 — 0

00 1000N 1500N

Total Magnetic Field (δ)

Fine Scale (----)

Coarse Scale (—)

63000 — 65000
800 — 64000
600 — 63000
400 — 62000
200 — 61000
62000 — 60000

00 1000N 2000N 2200N

Topography & Geology.

Height above Sea Level + 2000 (m)

2500
2400
2300
2200
2100

Low Low Creek — Road — Creek — Salmon Ck. — Walking Track — Tullock Ck. — South East Ck. — Baseline

Grey siltstones & shales. | Crystal tuff | Chert | Tuffs | Crystal tuff | Argillitic siltstones & shales | Crystal tuffs | Argillitic siltstones & shales | Crystal tuffs

00 200N 400N 600N 800N 1000N 1200N 1400N 1600N 1800N 2000N 2200N

572195

IP

Chargeability.

Resistivity.

MAGNETICS

5000 δ Scale.

1000 δ Scale.

GEOCHEMISTRY.

Sn
Cu
Pb
Zn
As
W

RENISON LIMITED 74-1038

E.L.2/63.
MT. LINDSAY GRID.
LINE M.L. 4

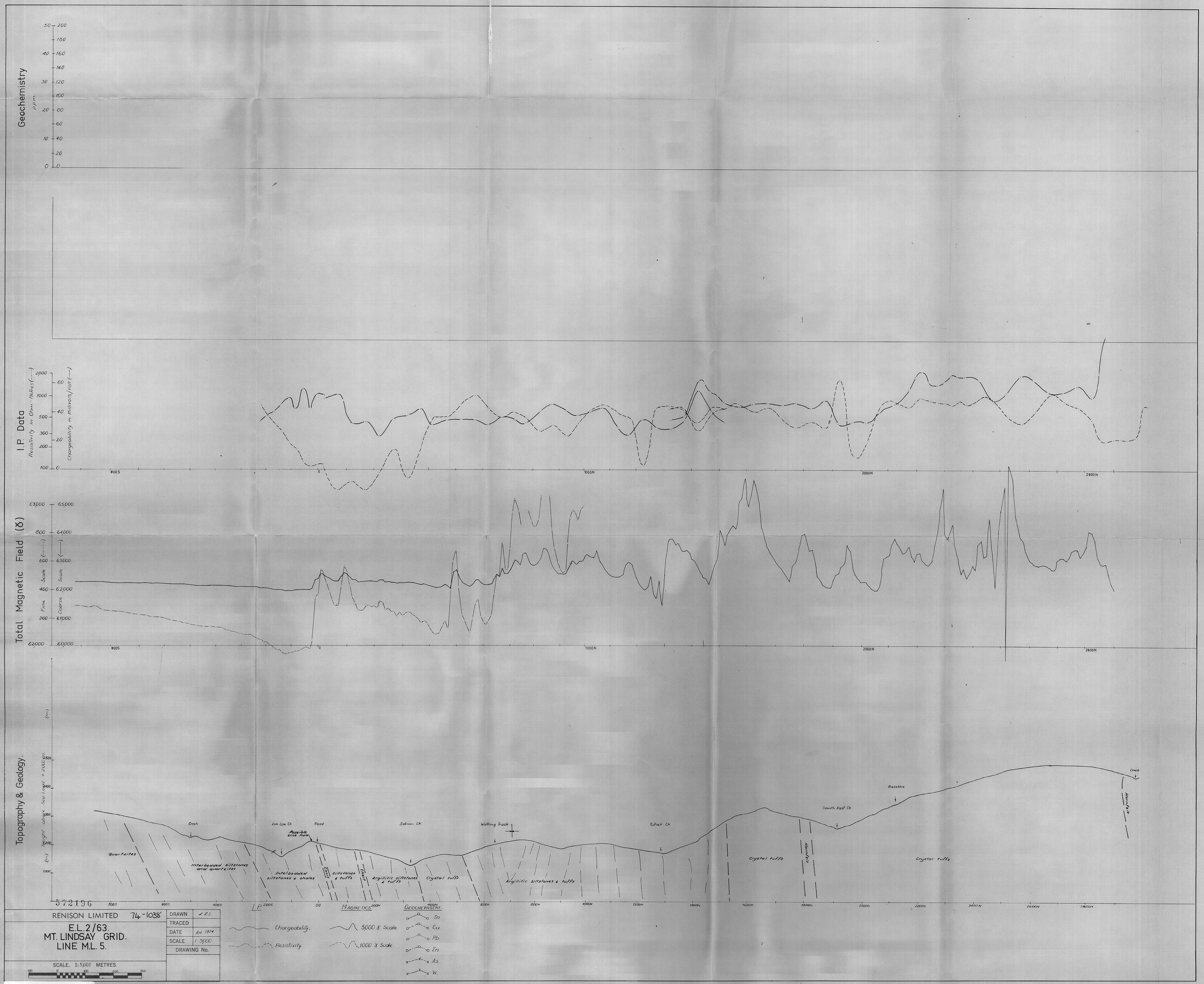
SCALE. 1:5000 METRES.

100 0 100 200 300

DRAWN	R.R.S.
TRACED	
DATE	Apr. 1974
SCALE	1:5000
DRAWING No.	

1709

5 cm



RENISON LIMITED 74-1038

E.L.2/63.
MT. LINDSAY GRID.
LINE M.L. 5.

DRAWN	R.R.S.
TRACED	
DATE	Apr. 1974
SCALE	1:5000
DRAWING No.	

SCALE. 1:5,000 METRES.

5 cm

572196

1710

Geochemistry

ppm.

50 200
180
40 160
140
30 120
100
20 80
60
10 40
20
0 0

I.P. Data

Resistivity in Ohm - Metres (---)

Chargeability in Millivolts/Volt (—)

2000 60
1000
500 40
300
200 20
100 0

00 1000N 1400N

Total Magnetic Field (δ)

63000 65000
800 64000
600 (----- Fine Scale) 63000 (Coarse Scale)
400 62000
200 61000
62000 60000

0 1000 N 2000 N 3000 N

Topography & Geology.

Height above Sea Level + 2000 m. (m)

2,500
2,400
2,300
2,200
2,100
2,000

possible sink hole ROAD CREEK SALMON CREEK CREEK WALKING TRACK TULLOCK CREEK SOUTH EAST CREEK BASELINE

Siltstones and shales | Brown siltstone | Grey siltstone | Siltstones & tuff | Chert | Argillitic siltstones & shales | Crystal tuff | Argillites, siltstones & shales | Crystal tuff | Norfolk | Crystal tuff

0 200N 400N 600N 800N 1000N 1200N 1400N 1600N 1800N 2000N 2200N 2400N 2600N 2800N 3000N

572107 mE

IP — Chargeability; Resistivity

MAGNETICS — 5000 γ Scale; 1000 γ Scale

GEOCHEMISTRY — Sn, Cu, Pb, Zn, Ag, Au

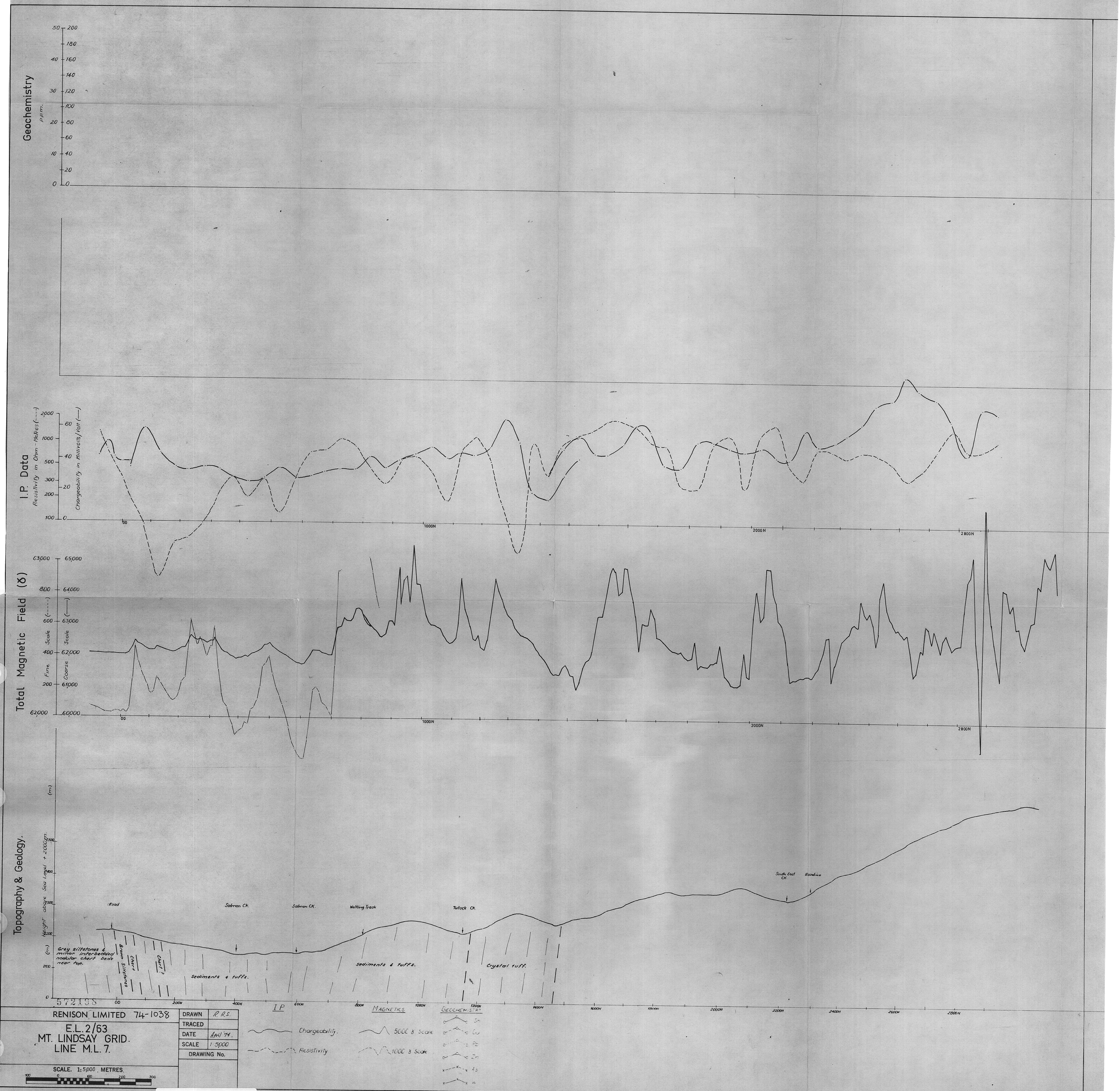
RENISON LIMITED 74-1038	
E.L. 2/63. MT. LINDSAY GRID LINE M.L.6	
DRAWN	R.R.S
TRACED	
DATE	MAY '74.
SCALE	1:5000
DRAWING No.	

SCALE. 1:5000 METRES.

100 0 100 200 300

1711

5 cm



572198

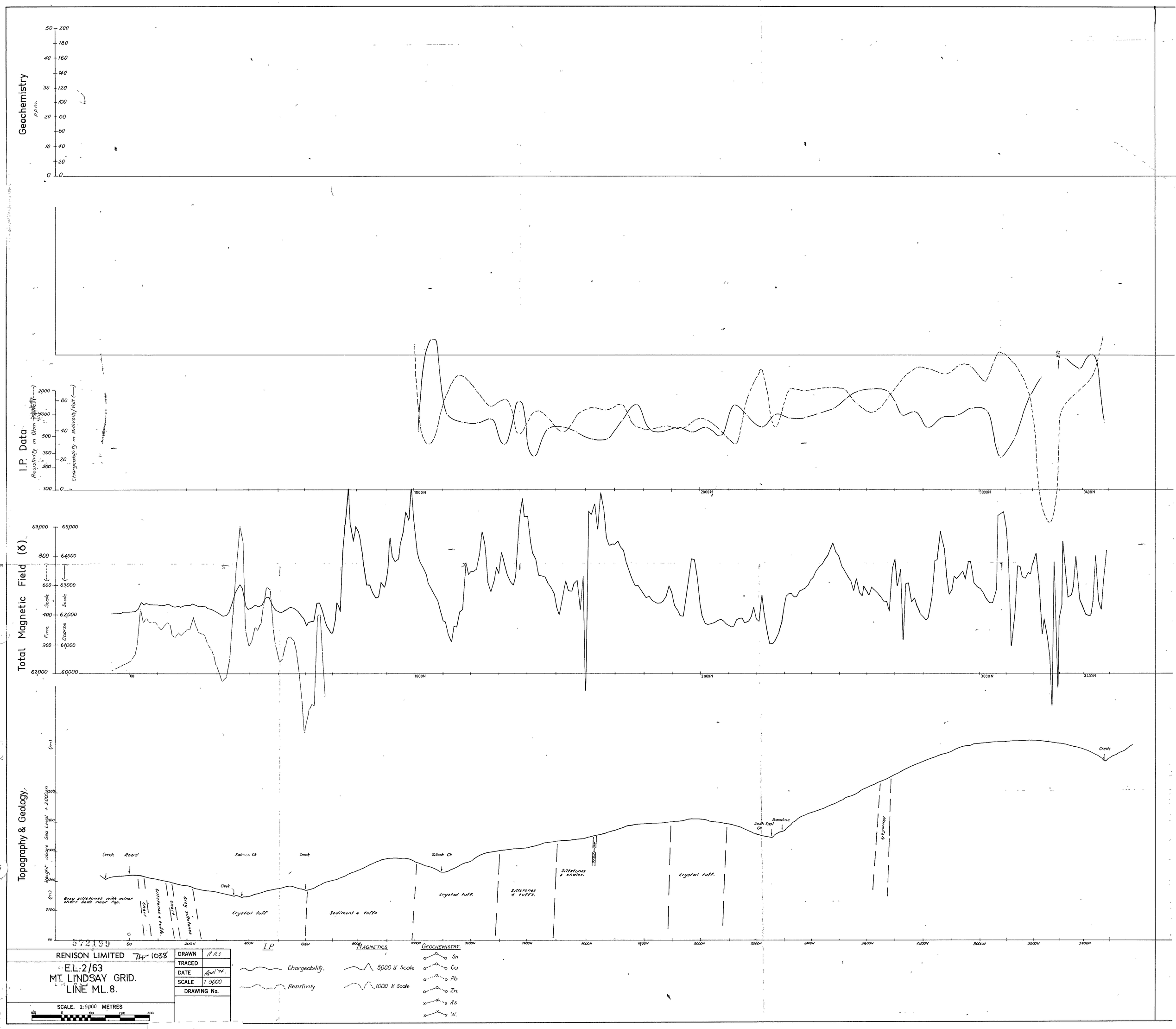
RENISON LIMITED 74-1038	DRAWN	R.R.S.
E.L. 2/63 MT. LINDSAY GRID. LINE M.L. 7.	TRACED	
	DATE	April '74.
	SCALE	1:5000
	DRAWING No.	

SCALE. 1:5,000 METRES.

100 0 100 200 300

1712

5 cm



572199

RENISON LIMITED 74-1038

E.L. 2/63
MT. LINDSAY GRID.
LINE M.L. 8.

DRAWN	R.R.S
TRACED	
DATE	April '74.
SCALE	1:5000
DRAWING No.	

SCALE. 1:5000 METRES

1713

5 cm

Geochemistry
ppm.
50 200
180
40 160
140
30 120
100
20 60
40
10
20
0 0

License Boundary
License Boundary

I.P. Data
Resistivity in Ohm-Metres (——)
Chargeability in milliseconds/cycle (— —)
2000 60
1000
500 40
300
200 20
100 0
140
00 1000N 2000N 3000N 3400N

Total Magnetic Field (δ)
63000 65000
800 64000
600 (——) Fine Scale Coarse Scale (——) 63000
400 62000
200 61000
62000 60000
00 1000N 2000N 3000N 3400N

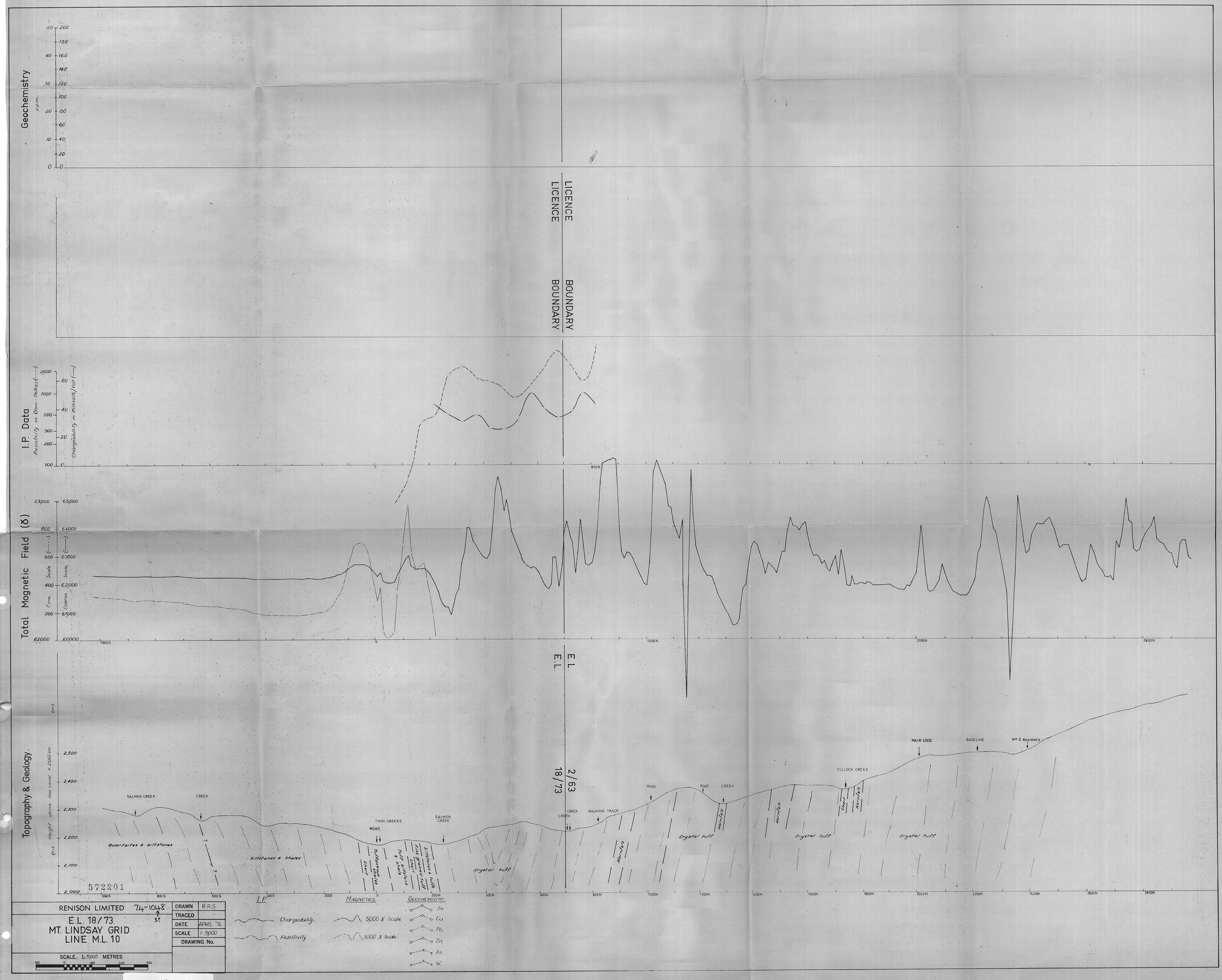
Topography & Geology.
Height above Sea Level + 2000 (m)
2300
2200
2100
E.L. 18/73
E.L. 2/63
Twin Creek
Road
Salmon Creek
Creek
Walking Track
Tullock Creek
No. 1 Anomaly
South East Creek
Baseline
grey siltstones with black cherty chert near top.
Brown siltstone
Chert
Siltstone
Chert
Tuffs & siltstone
Crystal tuff.
Crystal tuff.
Crystal tuff.
572200
00 200N 400N 600N 800N 1000N 1200N 1400N 1600N 1800N 2000N 2200N 2400N 2600N 2800N 3000N 3200N 3400N

IP
Chargeability
Resistivity
MAGNETICS.
5000 δ Scale.
1000 δ Scale.
GEOCHEMISTRY.
Sn
Cu
Pb
Zn
As
W.

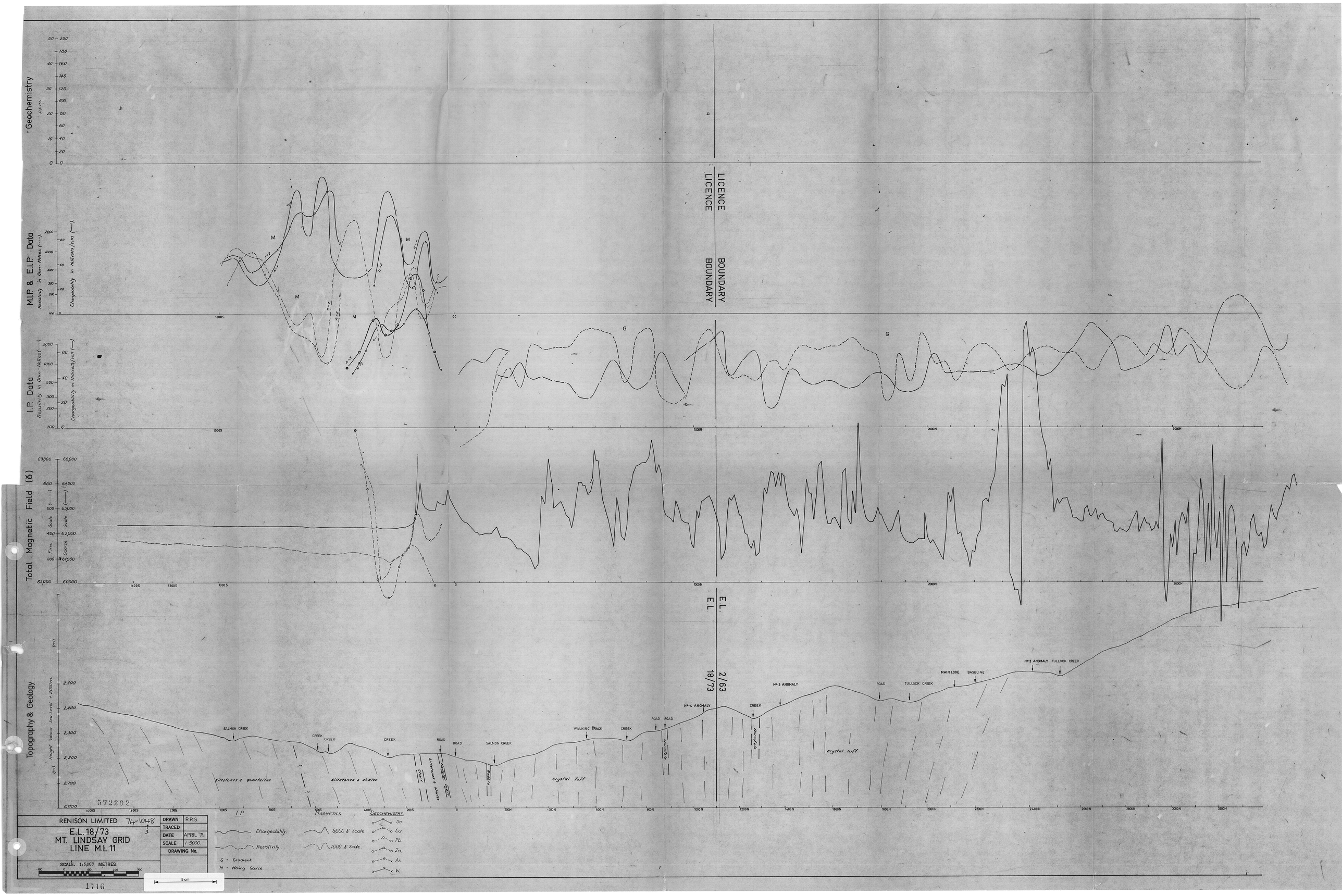
RENISON LIMITED 74-1038	DRAWN
E.L. 2/63	TRACED
MT. LINDSAY GRID	DATE
LINE M.L.9	SCALE 1:5000
	DRAWING No.

SCALE. 1:5000 METRES.
100 0 100 200 300

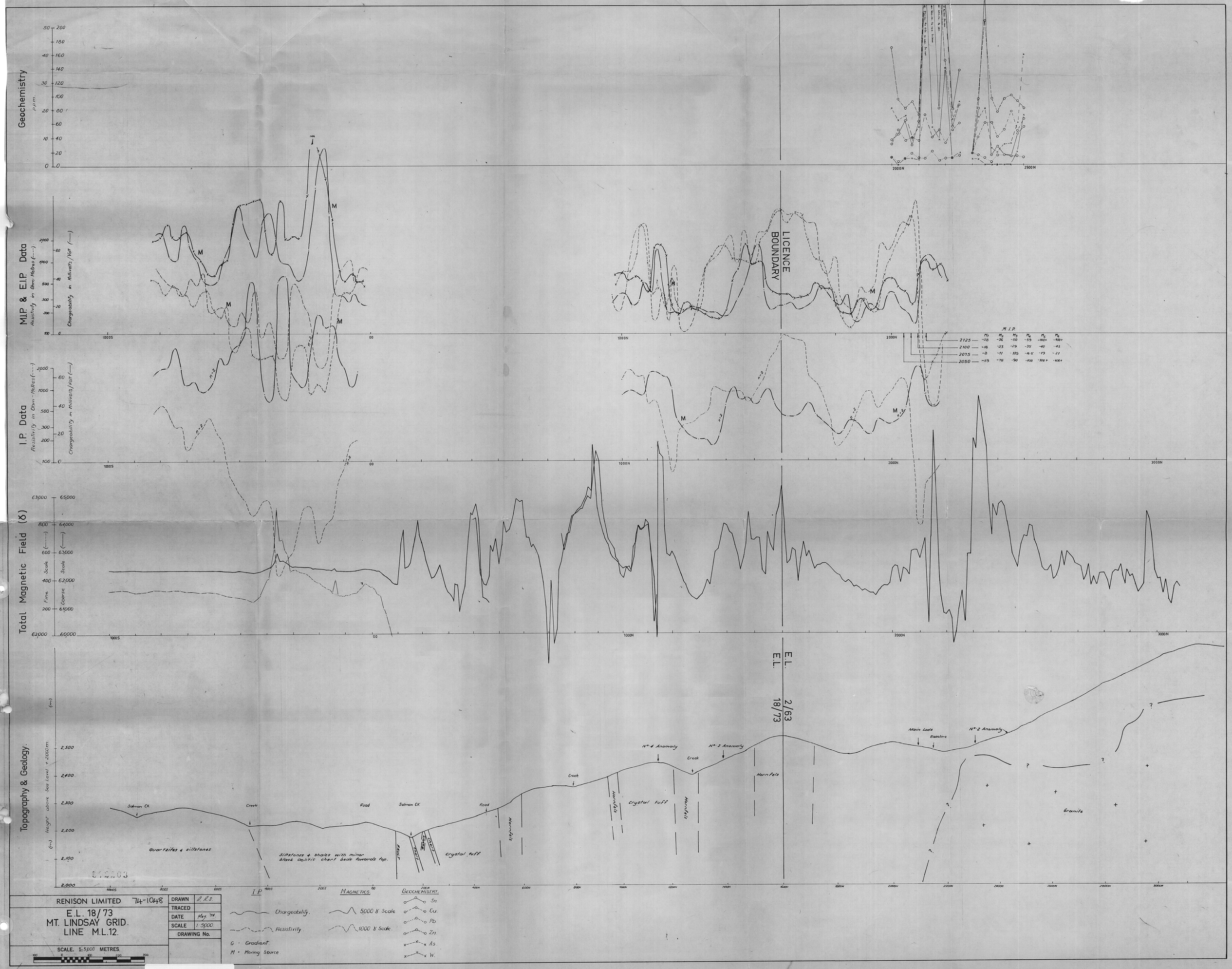
1714
5 cm



Geochemistry
ppm.
LICENCE BOUNDARY
LICENCE BOUNDARY
I.P. Data
Resistivity in Ohm-Metres (---)
Chargeability in Millivolts/Volt (—)
Total Magnetic Field (γ)
Fine Scale (----)
Coarse Scale (—)
E.L. 2/63
E.L. 18/73
Topography & Geology.
Height above Sea Level + 2000m.
SALMON CREEK
CREEK
TWIN CREEKS
ROAD
SALMON CREEK
CREEK
WALKING TRACK
ROAD
ROAD
CREEK
TULLOCK CREEK
MAIN LODE
BASELINE
No. 2 Anomaly
Quartzites & siltstones
Siltstones & shales
Tuffaceous shales
Chert
Tuff, siltstone & shale
Fine grained tuff
Siltstones & tuffs
Crystal tuff
Hornfels
Crystal tuff
Hornfels
Crystal tuff
Chert
Hornfels
Crystal tuff
572201
I.P.
Chargeability.
Resistivity.
Magnetics
5000 γ Scale
1000 γ Scale
Geochemistry
Sn
Cu
Pb
Zn
As
W.
RENISON LIMITED 74-1048
E.L. 18/73.
MT. LINDSAY GRID
LINE M.L. 10
SCALE. 1:5000 METRES.
DRAWN R.R.S.
TRACED
DATE APRIL '74
SCALE 1:5000
DRAWING No.
1715
5 cm



Geochemistry
ppm.
M.I.P. & E.I.P. Data
Resistivity in Ohm-Metres (----)
Chargeability in Millivolts/Volt (—)
I.P. Data
Resistivity in Ohm-Metres (----)
Chargeability in Millivolts/Volt (—)
Total Magnetic Field (γ)
Fine Scale (----)
Coarse Scale (—)
Topography & Geology.
Height above Sea Level + 2000m.
LICENCE BOUNDARY
LICENCE BOUNDARY
E.L. 2/63
E.L. 18/73
SALMON CREEK
CREEK
CREEK
CREEK
ROAD
ROAD
SALMON CREEK
WALKING TRACK
CREEK
ROAD
ROAD
Nº 4 ANOMALY
CREEK
Nº 3 ANOMALY
ROAD
TULLOCK CREEK
MAIN LODE
BASELINE
Nº 2 ANOMALY
TULLOCK CREEK
Siltstones & quartzites
Siltstones & shales
Chert
Siltstones & shales
Magnetic Chert
Gabbro
Crystal Tuff
Hornfels
Hornfels
Crystal tuff
572202
RENISON LIMITED 74-1048
E.L. 18/73
MT. LINDSAY GRID
LINE M.L.11
SCALE. 1:5000 METRES.
DRAWN R.R.S.
TRACED
DATE APRIL '74
SCALE 1:5000
DRAWING No.
I.P.
Chargeability.
Resistivity
G - Gradient
M - Moving Source.
MAGNETICS.
5000 γ Scale
1000 γ Scale
GEOCHEMISTRY.
Sn
Cu
Pb
Zn
As
W.
5 cm
1716



Geochemistry
ppm
M.I.P. & E.I.P. Data
Resistivity in Ohm-Metres (---)
Chargeability in Millivolts/Volt (—)
I.P. Data
Resistivity in Ohm-Metres (---)
Chargeability in Millivolts/Volt (—)
Total Magnetic Field (γ)
Fine Scale (----)
Coarse Scale (—)
Topography & Geology.
Height above Sea Level + 2000m.
LICENCE BOUNDARY
E.L. 2/63
E.L. 18/73
M.I.P.
M1 M2 M3 M4 M5 M6
2125 -28 -36 -50 -59 -100+ -100+
2100 -18 -23 -29 -35 -40 -43
2075 -8 -11 -185 -16.5 -19 -21
2050 -59 -76 -90 -100 -100+ -100+
Salmon CK.
Creek
Road
Salmon CK.
Road
Creek
Creek
Hornfels
Hornfels
Hornfels
Hornfels
Crystal tuff
Crystal tuff
Quartzites & siltstones
Siltstones & shales with minor black oolitic chert beds towards top.
Main Lode
Baseline
No. 2 Anomaly
Granite
I.P.
Chargeability.
Resistivity.
G - Gradient.
M - Moving Source.
MAGNETICS.
5000 γ Scale.
1000 γ Scale.
GEOCHEMISTRY.
Sn.
Cu.
Pb.
Zn.
As.
W.
RENISON LIMITED 74-1048
E.L. 18/73
MT. LINDSAY GRID.
LINE M.L.12.
SCALE. 1:5000 METRES.
DRAWN R.R.S.
TRACED
DATE May '74.
SCALE 1:5000
DRAWING No.
5 cm

1717

Geochemistry

p.p.m.

200 180 160 140 120 100 80 60 40 20 0

2000 N 2400 N

LICENCE BOUNDARY

LICENCE BOUNDARY

M.I.P. & E.I.P. Data

Resistivity in Ohm - Metres (----)

Chargeability in Millivolts / Volt (——)

2,000 1,000 500 300 200 100

60 40 20 0

n = 3 n = 2 n = 1 n = 1 n = 2 0.4

200S 0 200N 1000N 2000N 2400N

I.P. Data

Resistivity in Ohm - Metres (----)

Chargeability in Millivolts/Volt (——)

2000 1000 500 300 200 100

60 40 20 0

0 1000N 2000N 2400N

Total Magnetic Field (δ)

63,000 64,000 65,000

800 600 400 200

(----) Fine Scale

(——) Coarse Scale

62,000 61,000 60,000

400 S 0 1000N 2000N 2400N

E.L. 2/63

E.L. 18/73

Topography & Geology.

(m) Height above Sea Level + 2000 m. (m)

2,500 2,400 2,300 2,200 2,100 2,000

CREEK ROAD SALMON CREEK ROAD CREEK No. 4 ANOMALY CREEK No. 3 ANOMALY MAIN LODE BASELINE No. 2 ANOMALY

Siltstones & shales with minor black oolitic cherts near top.

572204

Siltstone Chert Siltstone Chert Siltstones & tuffs crystal tuffs Granite.

400S 200S 0 200N 400N 600N 800N 1000N 1200N 1400N 1600N 1800N 2000N 2200N 2400N

IP MAGNETICS GEOCHEMISTRY

Chargeability. 5,000 γ Scale Sn

Resistivity. 1,000 γ Scale Cu Pb Zn As W

RENISON LIMITED 74-1048

E.L.18/73

MT. LINDSAY GRID.

LINE M.L.13

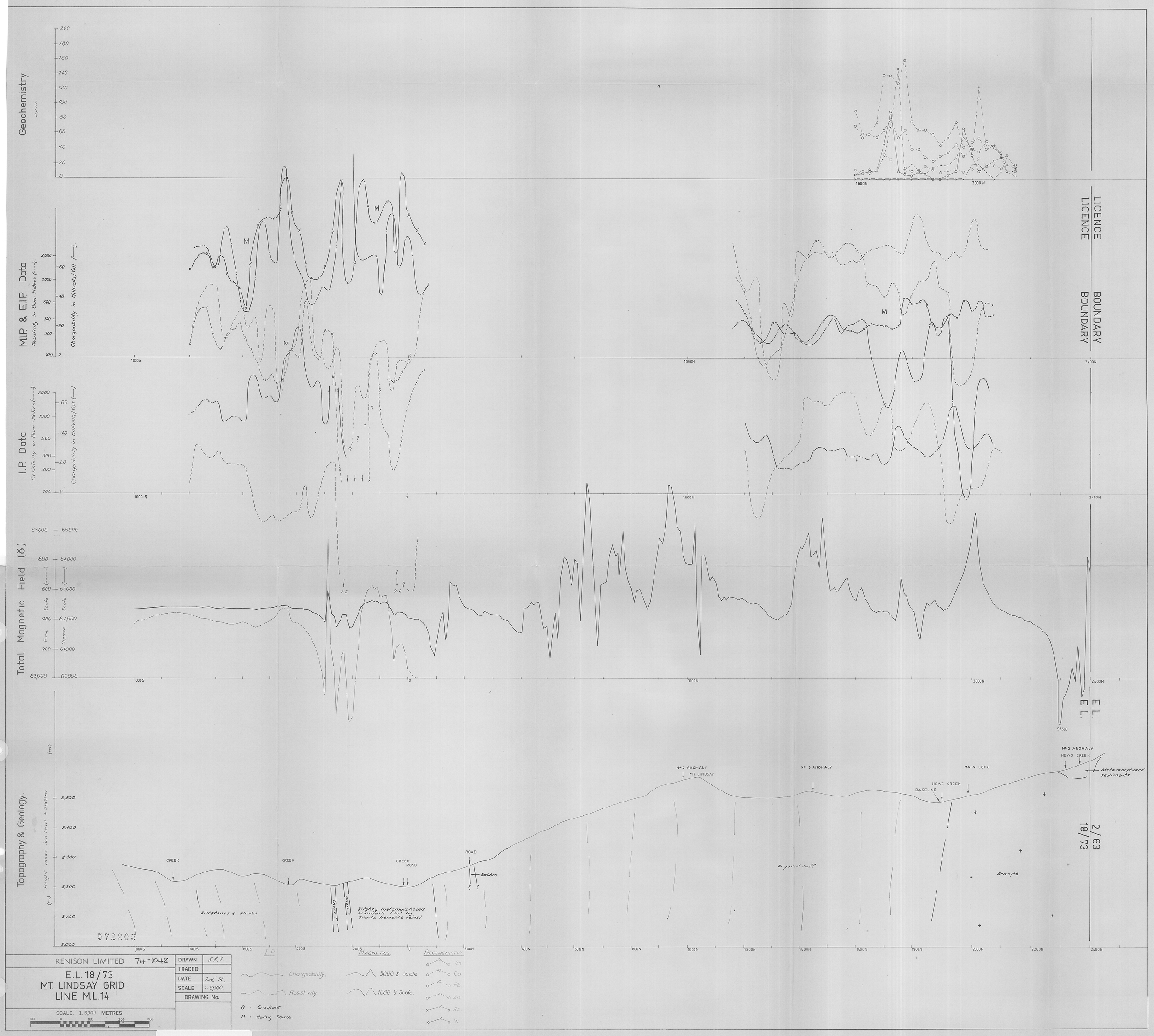
DRAWN	R.R.S.
TRACED	F.A.C.
DATE	MAY '74
SCALE	1:5000
DRAWING No.	

SCALE. 1:5,000 METRES.

100 0 100 200 300

1718

5 cm



Geochemistry
ppm.
M.I.P. & E.I.P. Data
Resistivity in Ohm-Metres (---)
Chargeability in Millivolts/Volt (—)
I.P. Data
Resistivity in Ohm-Metres (---)
Chargeability in Millivolts/Volt (—)
Total Magnetic Field (γ)
Fine Scale (----)
Coarse Scale (—)
Topography & Geology.
Height above Sea Level + 2000 m.
LICENCE BOUNDARY
LICENCE BOUNDARY
E.L.
E.L.
2/63
18/73
1600N
2000N
1000S
1000N
2400N
1000 S
0
2000N
57,600
CREEK
CREEK
CREEK
ROAD
ROAD
Gabbro
Siltstones & shales
Slighty metamorphosed sediments (cut by quartz tremolite veins)
Nº 4 ANOMALY
MT. LINDSAY
Nº 3 ANOMALY
BASELINE
NEWS CREEK
MAIN LODE
Nº 2 ANOMALY
NEWS CREEK
Metamorphosed sediments
Crystal tuff
Granite
572205
RENISON LIMITED 74-1048
E.L. 18/73
MT. LINDSAY GRID
LINE M.L.14
SCALE. 1:5000 METRES.
DRAWN R.R.S.
TRACED
DATE June '74
SCALE 1:5000
DRAWING No.
I.P.
Chargeability.
Resistivity
MAGNETICS
5000 γ Scale
1000 γ Scale.
G = Gradient
M = Moving Source.
GEOCHEMISTRY
Sn
Cu
Pb
Zn
As
W.
1719
5 cm

Geochemistry

ppm.

50 — 200
180
40 — 160
140
30 — 120
100
20 — 80
60
10 — 40
20
0 — 0

I.P. Data

Resistivity in Ohm-Metres (----)

Chargeability in Millivolts/Volt (——)

2000 — 60
1000 — 40
500
300 — 20
200
100 — 0

0 1000 N 2000N 2400N

Total Magnetic Field (δ)

Fine Scale (----)

Coarse Scale (——)

63,000 — 65,000
800 — 64,000
600 — 63,000
400 — 62,000
200 — 61,000
62,000 — 60,000

0 1000 N 2000N 2400 N

Topography & Geology.

Height above Sea Level + 2000 m. (m)

2,500
2,400
2,300
2,200
2,100
2,000

Nº 4 ANOMALY
MT. LINDSAY
CREEK. Nº 3 ANOMALY
MAIN LODE
NEWS CREEK
CREEK
CREEK
Sillstones & shales
Altered siltstones, shales & tuffs.
crystal tuff
Granite

200S 0 200N 400N 600N 800N 1000N 1200N 1400N 1600N 1800N 2000N 2200N 2400N

572206

IP
Chargeability.
Resistivity.

MAGNETICS.
5000 δ Scale.
1000 δ Scale.

GEOCHEMISTRY.
Sn
Cu.
Pb.
Zn.
As.
W.

RENISON LIMITED 74-1048	
E.L. 18/73 MT. LINDSAY GRID LINE M.L.15	
DRAWN	R.R.S.
TRACED	
DATE	MAY '74
SCALE	1:5000
DRAWING No.	

SCALE. 1:5000 METRES
100 0 100 200 300

5 cm

1720