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E.L. 9/66

HENTY PROJECT

ANNUAL REPORT 1988-89

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EL 9/66

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Distribution: Department of Mines (1)
Little River (Resources) Pty. Limited (1)
RGC Exploration Pty. Limited (2)

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SUMMARY

E.L. 9/66 is a Joint Venture between Mt. Lyell Mining and Railway Co. Ltd. (RGC) and Little River (Resources) Pty. Ltd.. Holdings are 64.7% and 35.3% respectively. The Henty Gold Prospect occurs totally within E.L. 9/66 and is covered by a Mining Lease, 16M/89, which expires on 1st January, 1991.

Portal facilities were completed in 1988 and an 850 metre decline was commenced. The decline is currently developed to 650 metres. At the completion of the decline, 200 metres of sill development will commence centring on the main Henty mineralised zone. The aim of the sill is to gain valuable geological information for resource estimation and mining evaluation. Bulk samples will be available for metallurgical testwork.

A regional geological map has been compiled. Mapping at 1:5,000 over the southern portion of E.L. 9/66 was completed concentrating on newly created HEC canals and roads. The current geological interpretation based on drill hole data has identified two zones of mineralisation (A & B) within a broad silica-sericite-pyrite alteration envelope. A-zone is the more consistent of the two with the best Au occurring within massive quartz shoots.

26 diamond drill holes were completed during the year totalling 6805 metres. Deep exploration drilling from the surface involved 8 holes, 4 of which were wedges. The 25 metre spaced grid drilling included 7 holes drilled from the surface and 6 holes from underground. Also, 5 holes were drilled as decline cover holes checking ground conditions as the decline advanced.

Metallurgical work has been completed on 15 samples taken from HP042. A further 19 samples have been submitted.

Preliminary geostatistical studies have only emphasised the need for detailed sampling and mapping/logging of the sill and pattern drilling to generate a detailed geological model to be used in future estimations.

Expenditure for the deep exploration drilling totals $836,210. This figure does not include any expenditure related to the development or 25 metre pattern drilling.

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1. INTRODUCTION

During the year the Henty Project has developed into a major advanced stage exploration programme. The decision to explore the Au mineralisation from underground has meant a large financial commitment to the success of the project. Necessary changes have been made to the land tenure status.

E.L. 9/66 is a 15 sq. km. Exploration Licence held by the Mt. Lyell Mining and Railway Co. Ltd. It has been retained to cover the Henty gold mineralisation which lies beside the Henty River in a valley between Mt. Read and the Gooseneck, some 30 kms north of Queenstown. Eleven (11) Mining Leases have been granted within the E.L. to cover the Henty Project. These have now been consolidated into one M.L., 16M/89. Applications for M.L.s over the remainder of the E.L. not covered by 16M/89 will be made in the near future following recent discussions with the Department of Mines. This will allow tenure to be maintained over these areas to accommodate possible mining and/or milling facilities.

The geology of the area is dominated by the Henty Fault Zone, striking NNE, which separates the Cambrian Central Sequence Volcanics in the west from the Tyndall Group Volcanics in the east. The Henty mineralisation is positioned at the footwall of the Henty Fault, hosted by the Upper Tyndall Group Volcanics. Gold mineralisation occurs in a broad silica-sericite-pyrite alteration zone, associated with variable quantities of base metals.

During 1988-89 deep exploration from the surface continued. 8 holes were completed, totalling 4259 metres. Access to explore underground was gained via a decline which is half-way to its proposed length.
Drilling of the upper portion of the deposit on 25 metre centres from underground commenced. The entire E.L. was also covered by an aeromagnetic survey which was part of a programme for all of our West Coast tenements.

Future work will concentrate on further deep infill exploration drilling from the surface and completing the 25 metre spaced infill drilling from underground. When the decline is completed, an exploration sill will be developed so that detailed geological investigations of the mineralisation can be undertaken and bulk samples obtained for metallurgical testwork. Following this work, the future commercial development of the deposit will be assessed.

2. EXPENDITURE

Expenditure on the deep exploration drilling, from surface, of the gold mineralisation during the period August 1988 to July 1989 is $836,210. This amount includes an estimate of $88,000 for the month of July, 1989, and $76,019 being for Overheads. Expenditure details are tabulated in Appendix 1.

No expenditure has been included for any work related to the underground development, infill spaced drilling or associated studies. These amounts will be reported separately in submissions covering the Mining Leases.

3. LAND TENURE

E.L. 9/66 was granted to the Mt. Lyell Mining and Railway Co. Ltd. in 1966. Three additional licences were obtained in the pursuing years and these were amalgamated into the one licence, E.L. 9/66, in 1978. In 1983 the licence area was reduced to 446 sq km. from 637 sq. km., & in 1984 further reduced to 124 sq. km.. This final reduction left the licence split into four(4) separate areas.

In 1976, a Joint Venture Agreement was entered into with Getty Oil Development Ltd. over E.L. 9/66. Getty ceased contributions to exploration in early 1985 and as a result their interest was progressively diluted. Later that year Little River Goldfields N.L. acquired the remaining Getty interest and in July 1986 recommenced contributing to the Joint Venture. The current equities in E.L. 9/66 are:

RGC 64.7%
LRG 35.3%

The licence was due for total relinquishment on 5th August, 1989. Prior to this, a submission to the Department of Mines requested an extension of E.L. 9/66 on 15 sq km covering the Henty Project so that further evaluation by surface drilling could be undertaken. Renewal was granted to August 1988.

In June, 1988, a 100 hectare Mining Lease (MLA 52M/88) was pegged. It followed a decision made to explore, from underground, an estimated resource of 500,000 tonnes at 10 g/t Au. Work costing $3.8M was proposed which involved:

(a) Developing a 900 metre decline with associated portal facilities.
(b) 4000 metres of underground core drilling.
(c) 3000 metres of surface exploration drilling.
(d) 200 metres of sill development to test the continuity of the mineralisation and to provide bulk metallurgical samples.
(e) Environmental monitoring.

So that the strike, depth and possible mineralisation repetitions could continue to be explored from the surface, a 10 sq km Retention Licence was requested in July, 1988, to cover M.L.A. 52M/88. It was considered necessary to secure this amount of ground as it represented the minimum required to accommodate any future surface mine/mill facilities. The request was rejected because the situation at the Henty Project was considered to be inconsistent with the criteria for an R.L.

In August, 1988, ten(10) M.L.s were pegged to cover the area of the rejected R.L., so that security of tenure could be maintained. It was suggested that after granting and amalgamation of these M.L.A.'s, E.L. 9/66 would be relinquished. But, to allow exploration to continue in the meantime, the licence was again renewed for a further 12 month period. Notice was given in February, 1989 that M.L.'s 52M/88 and 67M/88 to 76M/88 had been approved for a term of two(2) years from 1st January, 1989. These are currently being consolidated into M.L. 16M/89.

This report accompanies an application for renewal of E.L. 9/66. In recent talks with the Department of Mines it has been suggested we apply for M.L.'s over the E.L. area still outside M.L. 16M/89. They are necessary so as to maintain secure tenure over areas to be considered for possible mill and tailings sites. The M.L.'s will be pegged in the very near future.

4. WORK COMPLETED

4.1 Portal and Decline Development

A portal site with surface facilities was constructed in 1988 (Plan 5). A new road was constructed by the HEC, contracting to RGC, from the HEC batch plant to the portal site. A power line was connected through to the substation on the portal site. Farnsway were given the contract to develop the decline. Construction of the 4 metre high x 4 1/2 metre wide decline commenced on 28th November. 650 metres of the planned 850 metre decline have been developed to date. A 200 metre sill will be driven along the mineralised zone at the end of the decline.

4.2 Surface Mapping

A 1:25,000 regional map has been compiled over the Henty Prospect (Plan 2).

1:5,000 scale mapping was carried out by C. Yeats along newly created exposures on the HEC canals and roads in the southern part of E.L. 9/66. This was carried out as part of his 1989 Honours Project at the University of Tasmania. His interpretive geology map of the South Henty area is included as Plan 3. C. Yeats also completed a 1:200 scale map of the portal site (Plan 4).

4.3 Decline Mapping

Decline mapping has been carried out as the decline has advanced, and is presented at a scale of 1:500 in Plans 28 and 29.

A steeply west dipping sequence of epiclastic volcanics (Tyndall Group) and black shales (Newton Creek Sandstone) were intersected in the first eastern-trending leg of the decline. The shales and epiclastics are strongly cleaved at approx. 340° AMG/sub vertical, which caused some ground condition problems along the north-trending part of the decline.

A major rock-type change occurs between 350 and 380 metres down the decline, changing from bedded coarse-grained and shaley epiclastics to a sequence of volcaniclastics and lavas. The contact was marked by a prominent fault (CF2).

Several major faults (F) intersect the decline at various orientations. These faults are typically associated with bad ground conditions and moderate water flow. However, only minor movements appear to have occurred on the faults as they do not indicate major changes in rock type. Abundant thin (less than a few centimetres) faults (f) also cut across the decline.

Patchy moderate to strong silica-sericite-pyrite alteration occurs from 450 to 615 metres down the decline, with lenses of quartz-style mineralisation exposed at 500 metres (in cuddy 6) and 520 metres. Strong carbonate-chlorite alteration also occurs between 450 and 520 metres. Unmineralised intense silicification completely alters the rocks at the northern end of the decline.

4.4 Drilling

Drilling programmes were undertaken both from surface and underground during the year. Twenty six holes were completed up to 5/7/89, for a total of 6,805 metres. Details of the holes are listed in Table 1, and assay results are summarised in Tables 2A & 2B. Selected intervals in the core are routinely assayed for Au (fire assay), Ag, Cu, Pb, Zn, As, Bi. A complete set of drill logs with all assay results are included as Appendix 2. All drill holes are plotted in plan view on Plan 5, and in cross section on Plans 7 to 28. Gold-bearing intersections are drawn in longtitudinal projection on Plan 6.

4.4.1 Deep Surface Drilling

A deep drilling programme was continued throughout the year to follow-up results of HP42 completed in June 1988. Eight holes including four wedges were completed in this period: HP47, 47A, 49, 49A, 49B, 57, 57A, 62. The holes except HP62 were drilled using the Longyear DHS 44 rig. HP62 was drilled with a Longyear HD44 rig after completing the shallow surface holes.

4.4.2 Shallow Surface Drilling

A series of seven relatively short (less than 200 metres) holes were drilled on a 25 metre-spaced pattern to delineate the mineralisation in the northern part of the proposed underground development: HP51, 52, 53, 55, 56, 58, 60. These holes were drilled with Longyear 38 and 44 rigs.

4.4.3 Decline Cover Holes

Five holes have been drilled ahead and sub-parallel to the advancing decline path to check ground and to allow for dewatering. These were HP48, 50, 54, 59, 64. Both engineering and geological logs were completed for these holes. Minor mineralisation was intersected in holes HP59 and 64 and consequently were cut and assayed.

4.4.4 Underground Exploration Holes

To date six underground exploration holes have been completed. Four of these were drilled out of cuddy 4: HP61, 63, 65, 66, and two out of cuddy 5: HP67, 68. As the decline advances, underground exploration drilling will continue to complete the 25 metre-spaced drilling pattern around the proposed sill drive development.

4.5 Geological Interpretation

Following detailed structure contouring of all major geological features, an on-section geological interpretation has been completed on all sections at 1:1,000 scale, as shown on Plans 7 to 27.

The Henty mineralisation lies on the immediate footwall of the Henty Fault. The Henty Fault in this area separates feldspar-phyric volcanics and mafic dykes of the Central Sequence (Ɛv) on the hanging wall from the footwall units comprising quartz-phyric volcaniclastics of the Tyndall Group and sediments within the Newton Creek Sandstone.

In the drilling at Henty the Tyndall Group volcanics have been sub-divided into the following units.

Tyndall Epiclastics (Ɛtc)

Epiclastic conglomerates, sandstones and shales.

Tyndall Volcaniclastics and Lavas (Ɛtt)

Mixed sequence consisting predominantly of quartz-feldspar phyric volcaniclastics and lavas with minor epiclastics.

Tyndall Quartz Porphyry (Ɛtl)

Quartz-feldspar phyric lavas and breccias. Typically with mega quartz grains.

Contacts between the major divisions are typically marked by faulting. Three major contacts, CF1, 2, 3 have been recognised. These are irregular contacts and may have been folded. Several major faults (F) associated with strongly broken ground and pug have also been identified in the core and decline which cut across the stratigraphy and are probably related to late movements on the Henty Fault.

Gold mineralisation at the Henty appears to occur in two zones defined by a 0.1g/t Au cut-off. Zone B occurs on the footwall of A and has a distinctive enhanced copper signature. Zone A is the main Au-bearing zone and contains several different styles of mineralisation as outlined below:

Massive Quartz	-	Massive quartz mineralisation with minor sericite stringers and minor base metals.
Quartz-Sericite	-	Lenses and nodules of quartz mineralisation within silica-sericite alteration.
Quartz-Base Metal	-	Lenses and nodules of quartz mineralisation with base metal sulphides in strong pyritic alteration.
Massive Pyrite	-	Massive pyrite with carbonate gangue.

Best gold grades occur in the massive quartz style, though high grades can also occur in the massive pyrite lenses.

The main mineralised zones are enveloped by a halo of varying degrees of silica-sericite-pyrite alteration with no associated quartz mineralisation.

A late intense silicification (AS) occurs within the footwall rocks, totally obliterating evidence of the original rock type.

4.6 Metallurgy

Metallurgical work was carried out on fifteen samples taken from HP42 in August 1988. A further nineteen samples from six holes drilled in the proposed sill area were sent for metallurgical testwork in July 1989. The work was carried out by Fox Anamet under instruction from J.E. Butler. Results of the tests are reported in Appendix 3.

4.7 Geostatistical Studies

A "Preliminary Geostatistical Estimate of the Henty Prospect" was carried out by Siromines in January, 1989. Based on geology and grade a body of mineralisation was outlined striking 015° AMG and dipping 80°W. Grade within the body is highly variable, but appears to have good continuity on a global basis with a "nugget effect" of about 45%, a range along strike of approximately 200 metres and a range down dip of about 50 metres.

A second study titled "New Preliminary Geostatistical Estimate" was carried out by Siromines in July 1989 following further deep drilling and commencement of the in-fill drilling. The more recent drilling revealed a high "nugget effect" which made an estimate of recoverable reserve impossible at that time. It confirmed that detailed mapping and sampling of the proposed sill and the 25 metre drill pattern was essential to the geostatistical modelling, recommending that no further geostatistical analysis be undertaken before completion of the in-fill drilling programme.

Both reports are included as Appendix 4.

4.8 Aeromagnetics

A low-level aeromagnetic survey was flown over the Henty Project in March, 1989, as part of a survey carried out over all RGC Exploration Western Tasmanian tenements. Results of the survey are not yet available.

4.9 General

An exploration office and associated core shed facilities were set up during the year to support the Henty Project.

5. WORK PROPOSED 1989-90

Work planned for underground during the next twelve(12) months includes:

(i) completion of the infill drilling programme. These holes surround the proposed sill development and will supply valuable data for the mining feasibility assessment.

(ii) the decline development will be completed to the sill location.

(iii) development of a 2 x 2 metre sill will be undertaken to expose the mineralisation. Its continuity and nature will be assessed. The sill will also be systematically channel sampled, with the broken rock from each firing being stockpiled separately and used for bulk metallurgical testwork.

When this work is completed, the information obtained will permit a study to be undertaken to determine the feasibility of mining the gold mineralisation. This study will include a geological interpretation of the mineralisation, a geological resource estimate being produced by geostatistical methods, and an ore reserve being generated incorporating mining and milling factors. The reserve estimate will form the basis of the decision whether or not the mining of the gold mineralisation is economically viable.

Exploration proposed includes 4500 metres of deep exploration drilling. The holes will be drilled to depths of 700-800 metres using a Longyear DHS44 rig. Also, the recently obtained aeromagnetic data will be processed. This information plus further detailed surface geological mapping will be used to define additional drill targets. The results from an isotope and fluid inclusion study being undertaken by Drs. G. Green and J. Taheri of the Department of Mines are expected during the coming year.

A programme of environmental monitoring will be ongoing.

The cost of the proposed surface and underground work together with the detailed feasibility study is expected to be $2.5M.

TABLE 1

DRILL HOLE DETAILS - 1988/89

Hole Number	Type	Length	Northing	Easting	Elevation	Azimuth	Dip	Completion Date
HP047	Deep Surface	500.60	63931.20	79799.10	2636.50	107.00	-66.00	15.10.88
HP047A	Deep Surface	78.60	63931.20	79799.10	2636.50	107.00	-66.00	28.10.88
HP048	Decline	118.50	63898.26	80181.09	2591.01	90.00	-8.00	26.10.88
HP049	Deep Surface	1125.20	63856.60	79439.70	2688.10	115.00	-71.00	10.2.89
HP049A	Deep Surface	654.50	63856.60	79439.70	2688.07	115.00	-71.00	31.3.89
HP049B	Deep Surface	143.50	63856.60	79439.70	2688.07	115.00	-71.00	14.4.89
HP050	Decline	162.00	63927.00	80272.00	2582.30	2.50	1.50	22.2.89
HP051	Shallow Surface	151.50	64408.40	80160.20	2607.00	96.00	-55.25	23.2.89
HP052	Shallow Surface	168.00	64471.70	80176.30	2608.90	87.50	-57.00	16.3.89
HP053	Shallow Surface	185.50	64405.20	80135.10	2603.20	93.50	-55.00	1.4.89
HP054	Decline	186.00	64053.00	80268.25	2567.30	356.00	1.50	7.4.89
HP055	Shallow Surface	183.00	64427.20	80143.10	2604.10	91.50	-55.00	14.4.89
HP056	Shallow Surface	186.20	64472.18	80157.62	2606.90	88.00	-57.00	26.4.89
HP057	Deep Surface	702.90	63748.80	79547.00	2654.30	102.00	-66.50	22.4.89
HP057A	Deep Surface	463.50	63749.16	79546.59	2654.54	102.00	-66.50	28.6.89
HP058	Shallow Surface	165.10	64449.80	80171.50	2608.00	89.75	-54.50	8.5.89
HP059	Decline	193.90	64173.00	80275.00	2552.50	357.00	1.50	26.5.89
HP060	Shallow Surface	156.70	64415.70	80159.40	2607.00	83.50	-52.50	26.5.89
HP061	Underground	93.00	64224.20	80260.90	2544.60	270.50	-17.00	5.6.89
HP062	Deep Surface	590.50	63880.80	79675.70	2656.40	103.50	-55.00	5.7.89
HP063	Underground	100.50	64224.00	80260.50	2545.75	270.50	-20.00	14.6.89
HP064	Decline	50.60	64317.50	80269.25	2534.00	0.00	-7.00	9.6.89
HP065	Underground	116.20	64224.10	80261.10	2544.30	270.50	-28.00	20.6.89
HP066	Underground	142.00	64224.10	80261.20	2544.10	270.50	-38.00	28.6.89
HP067	Underground	81.90	64267.90	80260.00	2539.70	276.00	-14.00	26.6.89
HP068	Underground	105.10	64267.90	80260.10	2539.10	276.00	-32.00	5.7.89

TABLE 2A

DRILLING RESULTS FROM HOLES HP047 TO HP068

CUTOFF 1.0g/t Au

HOLE NO.	INTERVAL FROM (m)	TO	HORIZONTAL WIDTH (m)	Au ASSAY (g/t)
HP047	425.0	441.0	16.0	1.6
HP047A	423.0	426.0	3.0	1.2
	430.0	432.0	2.0	36.8
HP048	Cover hole - no assays			
HP049			-	-
HP049A	937.0	942.0	5.0	5.1
	946.0	948.0	2.0	2.3
HP049B	902.0	904.0	2.0	2.3
	928.0	929.0	1.0	1.3
	932.0	933.0	1.0	1.8
	940.0	941.0	1.0	1.4
HP050	Cover hole - no assays			
HP051	128.0	131.0	3.0	72.3
HP052	134.9	136.2	1.3	7.6
	147.5	148.5	1.0	1.6
HP053	159.0	165.6	6.6	11.0
HP054	Cover hole - no assays			
HP055	161.5	162.5	1.0	1.3
	165.4	166.5	1.1	7.4
HP056	158.2	159.5	1.3	2.6
HP057	645.8	655.0	9.2	2.4
	667.4	669.4	2.0	1.6
HP057A	593.0	954.1	1.1	1.6
HP058	129.0	132.5	3.5	2.6
	135.0	136.0	1.0	2.0
HP059	Cover hole - no assays			
HP060	127.0	128.0	1.0	3.0
	132.0	133.3	1.3	4.3
HP061	78.4	80.4	2.0	1.8

TABLE 2A (cont.)

HOLE NO.	INTERVAL FROM (m)	TO	HORIZONTAL WIDTH (m)	Au ASSAY (g/t)
HP062			-	-
HP063	95.0	96.0	1.0	2.7
HP064	Cover hole - no assays			
HP065			-	-
HP066	136.0	137.0	1.0	1.3
HP067	66.3	68.3	2.0	4.1
	79.0	79.7	0.7	1.1
HP068	77.7	78.7	1.0	1.3
	89.8	91.1	1.3	44.7

TABLE 2B

DRILLING RESULTS FROM HOLES HP047 TO HP068

CUTOFF 4.0 g/t Au

HOLE NO.	INTERVAL FROM (m)	TO	HORIZONTAL WIDTH (m)	AU ASSAY (g/t)
HP047	429.0	430.0	1.0	5.5
	434.0	435.0	1.0	6.3
	440.0	441.0	1.0	4.7
HP047A	430.0	432.0	2.0	36.8
HP048	Cover hole - no assays			
HP049			-	-
HP049A	937.0	942.0	5.0	5.1
HP049B			-	-
HP050	Cover hole - no assays			
HP051	128.0	130.0	1.7	107.7
HP052	134.9	136.4	1.3	7.6
HP053	159.0	162.0	3.0	21.4
HP054	Cover hole - no assays			
HP055	165.7	166.5	0.8	9.1
HP056			-	-
HP057	654.0	655.0	1.0	12.5
HP057A			-	-
HP058	130.7	131.5	0.8	7.1
HP059	Cover hole - no assays			
HP060	132.0	133.3	1.3	4.3
HP061			-	-
HP062			-	-
HP063			-	-
HP064	Cover hole - no assays			
HP065			-	-
HP066			-	-

TABLE 2B (cont.)

HOLE NO.	INTERVAL FROM (m)	TO	HORIZONTAL WIDTH (m)	Au ASSAY (g/t)
HP067	66.3	67.3	1.0	5.5
HP068	89.8	91.1	1.3	44.7

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APPENDIX 1

Expenditure July 1988 to June 1989.

RGC EXPLORATION PTY. LIMITED

HENTY PROJECT

Expenditure for the Period August 1988 to July 1989

August 1988 to June 1989

		$
Salaries, Wages & Oncosts		71,574
Travel & Accommodation		7,232
Consultants & Contractors		41,977
Assaying		10,716
Drilling		496,479
Stores & Supplies		16,739
Vehicles/Plant Hire		17,247
Tenement Costs		575
Office Costs		9,652
	Sub-Total	672,191
Estimate for July 1989		88,000
	Sub-Total	760,191
Plus 10% Overheads		76,019
	TOTAL	836,210

APPENDIX 2

Drill Logs and Assays.

RGC Exploration PTY LTD
E.L. 965, MENTY PROJECT

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SURFACE DIAMOND DRILLHOLE : HP047

PROJECT IDEN : 5510 | START DATE : 31 AUG 88 | COMPLETION DATE : 15 OCT 88 | LOGGED BY:SMR
COLLAR NORTHING: 63931.20 | COLLAR EASTING : 79799.10 | COLLAR ELEVATION: 2636.50 | GRID AZIMUTH : 0.00
DRILLED BY :LONGYEAR BP | TOTAL LENGTH : 500.60 | CORE/HOLE SIZE : HQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		107.00	-66.00	63931.20	79799.10	2636.50
001	32.00		107.50	-66.50			
002	62.00		106.00	-66.25			
003	92.00		105.00	-66.25			
004	122.00		102.50	-64.75			
005	152.00		98.00	-63.00			
006	182.00		101.00	-61.50			
007	212.00		100.50	-60.00			
008	242.00		100.00	-59.00			
009	266.00		97.50	-57.25			
010	290.00		96.00	-55.00			
011	306.00		95.50	-54.75			
012	325.00		97.00	-54.50			
013	343.00		96.50	-54.50			
014	362.00		96.00	-53.00			
015	397.00		91.00	-45.00			
016	459.00		92.00	-43.00			
017	487.00		91.00	-41.00			

R HED HOLE PURPOSE:Test for gold mineralisation 150m above and to the
R HED north of HP042.
R HED HOLE SIZE:25-500.5 HQ.
R HED HOLE CONDITION:All rods removed. All casing removed. Hole lost
R HED water at 45m, 125m, 229m.

517025

RGC Exploration PTY LTD
E.L. 96[illegible]ENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP047 (CONTINUED)

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	25.20			NO CORE.	
	25.20	83.00			HANGING WALL:WEATHERED. 34.30 - 43.10: 100% HANGING WALL:WEATHERED: strongly broken core, with minor pug zones, quartz vein/s.	CENTRAL VOLCANICS
R	45.00	45.20			Hole making H2O probably in fault zone between 34.3m and 43.1m. 64.90 - 74.50: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: limonitic. 74.50 - 83.00: 100% PREDOMINANTLY MAFIC VOLCANICS: limonitic.	
	83.00	121.00			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
R	89.40	90.70			Quartz-CO3 veining on contacts. 89.40 - 90.70: 100% PREDOMINANTLY MAFIC VOLCANICS: upper contact: 34. 94.00 - 96.70: 100% PREDOMINANTLY MAFIC VOLCANICS. 103.00 - 103.10: 100% PREDOMINANTLY MAFIC VOLCANICS: dyke: 27. 117.10 - 117.20: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: quartz carbonate vein/s. 120.00 - 120.10: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: foliation: 30.	
	121.00	129.20			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	129.20	144.90			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
R	129.50	129.51			Lost water.	
	144.90	157.40			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	157.40	177.90			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
	177.90	205.40			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
R	177.90	205.40			Wide bands of mafics with felsic volcanics. 184.70 - 184.80: 100% PREDOMINANTLY MAFIC VOLCANICS: foliation: 45, contact: 45.	
	205.40	223.00			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
	223.00	245.90			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	245.90	293.30			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
	293.30	385.50			MIXED FELSIC AND MAFIC VOLCANICS. 295.60 - 303.10: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: foliation: 47.	CENTRAL VOLCANICS

514026

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
					310.20 - 313.00: 100% PREDOMINANTLY MAFIC VOLCANICS: moderate to strongly broken core, with minor pug zones. 318.50 - 385.50: 100% MIXED FELSIC AND MAFIC VOLCANICS: lower contact: 90. 322.70 - 325.00: 100% MIXED FELSIC AND MAFIC VOLCANICS: moderately broken core, with minor pug zones.	
R	327.70	327.71			Small pug zone at contact.	
R	327.70	327.71			pink-red.	
R	327.70	327.71			Mafic units are dark green and felsic units are a darker	
R	327.70	327.71			From this contact the chlorite/K-feldspar alteration increases.	
					327.70 - 362.10: 100% MIXED FELSIC AND MAFIC VOLCANICS: pink-green, moderate to strong k-feldspar-chlorite alteration. 335.90 - 338.20: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: moderately broken core, with minor pug zones, upper contact: 90, lower contact: 49. 335.90 - 338.20: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: quartz vein/s. 357.50 - 358.30: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: weak to moderately broken core, with minor pug zones. 363.90 - 368.70: 100% MIXED FELSIC AND MAFIC VOLCANICS: weak to moderately broken core. 380.80 - 385.50: 100% MIXED FELSIC AND MAFIC VOLCANICS: weak to moderately broken core, with minor pug zones.	
	385.50	398.80			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: moderate to strong silica alteration.	CENTRAL VOLCANICS
	398.80	400.50			HANGING WALL: STRONGLY BROKEN.	CENTRAL VOLCANICS
	400.50	412.30			MYLONITE AND PUG. 400.50 - 408.40: 100% MYLONITE AND PUG: pink. 408.40 - 412.30: 100% MYLONITE AND PUG: green.	HENTY FAULT ZONE
	412.30	417.40			CRUSH ZONE.	HENTY FAULT ZONE
	417.40	443.60			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, patches of moderate to strong quartz-sericite alteration, quartz-base metal mineralisation, 1% blebs of chalcopyrite, 2.5% blebs of sphalerite. 417.40 - 434.70: 100% QUARTZ-SULPHIDE MINERALISATION: weak to moderately broken core, with minor pug zones. 422.00 - 429.60: 100% QUARTZ-SULPHIDE MINERALISATION: patches of strong quartz-sericite alteration, 5% blebs of sphalerite. 432.70 - 435.50: 100% QUARTZ-SULPHIDE MINERALISATION: patches	

517027

RGC Exploration PTY LTD
E.L. 966 [illegible]ENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP047 (CONTINUED)

120

- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
				of strong quartz-sericite alteration. 434.00 - 435.40: 100% INTENSE QUARTZ MINERALISATION: silica veined, 1% blebs of chalcopyrite, 5% blebs of sphalerite. 434.70 - 443.60: 100% QUARTZ-SULPHIDE MINERALISATION: not broken core. 439.60 - 440.50: 100% QUARTZ-SULPHIDE MINERALISATION: lenses of pyrite mineralisation. 439.95 - 440.00: 100% QUARTZ-SULPHIDE MINERALISATION: massive sulphide. 441.70 - 441.90: 100% QUARTZ-SULPHIDE MINERALISATION: banded, massive sulphide, banding: 68.	
443.60	444.50			LAVAS AND VOLCANICLASTICS: patches of weak silica-sericite-pyrite alteration.	TYNDALL VOLCANICS
444.50	448.40			CARBONATE ZONE: very strong carbonate-hematite alteration, patches of moderate silica-sericite-pyrite alteration, 1% lenses of pyrite, 0.1% disseminations of chalcopyrite.	TYNDALL VOLCANICS
448.40	486.50			LAVAS AND VOLCANICLASTICS. 448.40 - 451.90: 100% LAVAS AND VOLCANICLASTICS: patches of moderate to strong silica-sericite alteration, patches of very weak carbonate alteration, 2.5% disseminations of pyrite. 451.90 - 456.30: 100% INTENSELY SILICIFIED ZONE: strong silica alteration. 456.30 - 459.60: 100% LAVAS AND VOLCANICLASTICS: moderate to strong silica alteration. 459.60 - 462.30: 100% LAVAS AND VOLCANICLASTICS: moderate silica-sericite-pyrite alt. with co3. 462.30 - 466.00: 100% LAVAS AND VOLCANICLASTICS: veinlets of weak carbonate alteration. 466.00 - 473.20: 100% LAVAS AND VOLCANICLASTICS: weak to moderate silica-sericite-pyrite alteration, veinlets of weak to moderate carbonate alteration, 5% disseminations of pyrite. 473.20 - 475.70: 100% INTENSELY SILICIFIED ZONE: very strong silica alteration, veinlets of quartz-pyrite mineralisation. 475.70 - 476.90: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderate to strong silica-sericite-pyrite alteration, quartz-pyrite mineralisation. 476.90 - 486.50: 100% LAVAS AND VOLCANICLASTICS: patches of weak silica-sericite-pyrite alteration.	TYNDALL VOLCANICS
486.50	496.80			INTENSELY SILICIFIED ZONE: crackled, very strong silica alteration.	

5170028

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP047 (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
417.40	418.00	12642	0.645	7.5	34	480	3300	765	8
418.00	419.00	12643	0.404	5.0	52	635	1950	2900	6
419.00	420.00	12644	0.239	6.0	34	340	2400	1600	11
420.00	421.00	12645	0.559	5.5	21	595	1900	1950	5
421.00	422.00	12646	0.178	4.5	28	60	1200	525	3
422.00	423.00	12647	0.310	5.0	14	600	585	150	4
423.00	424.00	12648	0.528	5.5	8	220	950	1025	7
424.00	425.00	12649	0.466	6.0	26	315	925	185	7
425.00	426.00	12650	1.940	6.5	21	300	2000	6800	5
426.00	427.00	12651	0.248	4.5	19	180	710	4300	6
427.00	428.00	12652	2.460	18.0	20	485	3950	5750	26
428.00	429.00	12653	0.512	5.5	16	45	305	75	8
429.00	430.00	12654	5.530	14.0	40	2150	2750	1400	18
430.00	431.00	12655	0.348	6.5	27	355	1010	525	7
431.00	432.00	12656	0.271	5.0	23	195	205	65	8
432.00	433.00	12657	0.388	4.0	18	25	65	50	5
433.00	434.00	12658	0.920	5.0	21	55	230	335	1
434.00	435.00	12659	6.070	16.0	40	3200	5650	15500	14
435.00	436.00	12661	0.274	8.5	5	860	5950	12500	2
436.00	437.00	12662	0.237	6.0	21	170	2250	2050	5
437.00	438.00	12663	0.281	7.5	33	325	2500	3550	5
438.00	439.00	12664	0.493	11.5	49	560	3700	9500	8
439.00	440.00	12665	1.520	12.0	80	715	5700	13500	7
440.00	441.00	12666	4.565	16.5	240	675	3650	2550	8
441.00	442.00	12667	0.723	24.0	190	2850	68000	75000	1
442.00	443.00	12668	0.298	10.5	52	790	8550	6600	10
443.00	443.60	12669	0.456	10.0	170	2700	1900	460	2
443.60	444.60	12670	0.013	1.5	15	265	200	305	-1
444.60	445.60	12671	0.013	3.5	41	845	165	165	-1
445.60	446.60	12672	0.025	3.5	33	245	200	130	-1
446.60	447.60	12673	-0.008	2.0	10	220	145	145	1
447.60	448.60	12674	0.027	3.5	43	215	290	130	2
458.80	460.80	12675	-0.008	-0.5	16	20	-5	80	1
460.80	462.30	12676	-0.008	-0.5	18	20	-5	145	-1
462.30	463.60	12677	0.010	-0.5	46	10	5	45	-1
463.60	465.00	12678	0.011	-0.5	14	10	-5	70	3
465.00	466.00	12679	0.009	-0.5	11	5	-5	45	-1
466.00	467.00	12681	0.028	-0.5	3	10	-5	125	4
467.00	468.00	12682	0.027	-0.5	17	5	-5	60	4
468.00	469.00	12683	0.157	2.5	11	10	-5	70	3
469.00	470.00	12684	0.017	-0.5	21	10	-5	120	4
470.00	471.00	12685	0.019	-0.5	30	10	5	150	7

028

517029

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP047 (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
471.00	472.00	12686	0.041	1.0	18	15	40	75	8
472.00	473.20	12687	0.103	1.0	24	125	20	165	9
473.20	475.70	12688	0.039	0.5	11	275	-5	35	8
475.70	476.90	12689	0.419	2.0	37	140	15	35	15
476.90	477.90	12690	0.043	-0.5	6	20	-5	35	4
477.90	478.90	12691	0.019	-0.5	16	25	-5	45	6

620

517030

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP047 (CONTINUED)

030

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
415.00	416.00			54.00		
416.00	417.00			55.00		
417.00	418.00			42.00		
418.00	419.00			66.00		
419.00	420.00			21.00		
420.00	421.00			0.00		
421.00	422.00			0.00		
422.00	423.00			50.00		
423.00	424.00			26.00		
424.00	425.00			52.00		
425.00	426.00			34.00		
426.00	427.00			77.00		
427.00	428.00			76.00		
428.00	429.00			60.00		
429.00	430.00			62.00		
430.00	431.00			65.00		
431.00	432.00			96.00		
432.00	433.00			78.00		
433.00	434.00			58.00		
434.00	435.00			89.00		
435.00	436.00			100.00		
436.00	437.00			89.00		
437.00	438.00			100.00		
438.00	439.00			100.00		
439.00	440.00			100.00		
440.00	441.00			100.00		
441.00	442.00			100.00		
442.00	443.00			100.00		
443.00	444.00			85.00		
444.00	445.00			90.00		
445.00	446.00			100.00		
446.00	447.00			100.00		
447.00	448.00			100.00		
448.00	449.00			100.00		
449.00	450.00			98.00		
450.00	451.00			94.00		
451.00	452.00			95.00		
452.00	453.00			95.00		
453.00	454.00			78.00		
454.00	455.00			76.00		
455.00	456.00			85.00		
456.00	457.00			96.00		

5170 31

RGC Explora[illegible] PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP047 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
457.00	458.00			94.00		
458.00	459.00			100.00		
459.00	460.00			100.00		
460.00	461.00			100.00		
461.00	462.00			100.00		
462.00	463.00			91.00		
463.00	464.00			100.00		
464.00	465.00			91.00		
465.00	466.00			65.00		
466.00	467.00			85.00		
467.00	468.00			95.00		
468.00	469.00			100.00		
469.00	470.00			100.00		
470.00	471.00			100.00		
471.00	472.00			100.00		
472.00	473.00			95.00		
473.00	474.00			92.00		
474.00	475.00			100.00		
475.00	476.00			96.00		
476.00	477.00			100.00		
477.00	478.00			100.00		
478.00	479.00			100.00		
479.00	480.00			91.00		
480.00	481.00			100.00		
481.00	482.00			94.00		

031

517032

PGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

SURFACE DIAMOND DRILLHOLE : HP047A

PROJECT IDEN : 5510 | START DATE : 22 OCT 88 | COMPLETION DATE : 28 OCT 88 | LOGGED BY:RHR
COLLAR NORTHING: 63931.20 | COLLAR EASTING : 79799.10 | COLLAR ELEVATION: 2636.50 | GRID AZIMUTH : 0.00
DRILLED BY :LONGYEAR - B.P. | TOTAL LENGTH : 451.00 | CORE/HOLE SIZE : HQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATIO
000	0.00		107.00	-66.00	63931.20	79799.10	2636.50
001	32.00		107.50	-66.50			
002	62.00		106.00	-66.25			
003	92.00		105.00	-66.25			
004	122.00		102.50	-64.75			
005	152.00		98.00	-63.00			
006	182.00		101.00	-61.50			
007	212.00		100.50	-60.00			
008	242.00		100.00	-59.00			
009	266.00		97.50	-57.25			
010	290.00		96.00	-55.00			
011	306.00		95.50	-54.75			
012	325.00		97.00	-54.50			
013	343.00		96.50	-54.50			
014	362.00		96.00	-53.00			
015	383.00		95.50	-50.75			
016	423.00		92.50	-46.50			
017	450.00		93.00	-45.00			

R HED
R HED
R HED
R HED

HOLE PURPOSE:Wedge off HP047 for second intersection of mineralisation.
HOLE SIZE:373-EOH HQ.
HOLE CONDITION:

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	373.00			(REFER TO PRIMARY HOLE LOG).	
	373.00	398.60			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANI
R	373.00	375.80			Began new lipped hole from HP047. New hole (HP047A).	
	398.60	401.70			HANGING WALL: STRONGLY BROKEN.	CENTRAL VOLCANI
	401.70	409.50			HANGING WALL: SHEARED: intensely foliated, kink fold/s, foliation: 43.	CENTRAL VOLCANI
	409.50	412.00			MYLONITE AND PUG.	HENTY FAULT ZO

032

517033

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP047A (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
	412.00	417.40			CRUSH ZONE.	HENTY FAULT ZONE
	417.40	418.50			LAVAS AND VOLCANICLASTICS: moderate silica-sericite alteration.	TYNDALL VOLCANICS
	418.50	445.85			QUARTZ-SULPHIDE MINERALISATION: pervasive strong silica-sericite-pyrite alteration, quartz-base metal mineralisation. 418.50 - 422.60: 100% QUARTZ-SULPHIDE MINERALISATION: moderate to strongly broken core, patches of quartz-sericite alteration, quartz-base metal mineralisation. 422.60 - 426.00: 100% QUARTZ-SULPHIDE MINERALISATION: patches of moderate to strong quartz-sericite alteration, quartz-base metal mineralisation.	
R	426.00	436.50			Weakly mineralised section. 426.00 - 436.50: 100% QUARTZ-SULPHIDE MINERALISATION: weakly broken core, with minor pug zones. 436.50 - 445.00: 100% QUARTZ-SULPHIDE MINERALISATION: quartz-base metal mineralisation, 1% of chalcopyrite, 2.5% of galena, 2.5% of sphalerite. 436.50 - 445.00: 100% QUARTZ-SULPHIDE MINERALISATION: quartz-base metal mineralisation, 1% of chalcopyrite, 2.5% of galena, 2.5% of sphalerite. 436.80 - 436.85: 100% QUARTZ-SULPHIDE MINERALISATION: banding: 42. 440.40 - 440.50: 100% QUARTZ-SULPHIDE MINERALISATION: lenses of pyrite mineralisation. 442.00 - 442.80: 100% QUARTZ-SULPHIDE MINERALISATION: patches of silica-sericite-pyrite alt. with co3. 443.00 - 443.60: 100% QUARTZ-SULPHIDE MINERALISATION: lenses of massive sulphide, 1% of chalcopyrite, 2.5% of galena, 2.5% of sphalerite. 445.00 - 445.20: 100% QUARTZ-SULPHIDE MINERALISATION: massive pyrite mineralisation, 30% coarse grained pyrite, 5% of chalcopyrite, 10% of galena. 445.00 - 445.85: 100% QUARTZ-SULPHIDE MINERALISATION: patches of strong silica-sericite-pyrite alteration.	
	445.85	448.80			CARBONATE ZONE. 445.85 - 446.50: 100% CARBONATE ZONE: moderate carbonate-chlorite alteration. 446.50 - 448.80: 100% CARBONATE ZONE: very strong carbonate-hematite alteration, lenses of strong	TYNDALL VOLCANICS

517034

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP047A (CONTINUED)

- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
				silica-sericite-pyrite alteration.	
448.30	459.50			LAVAS AND VOLCANICLASTICS: moderate to strong silica-sericite-pyrite alteration, patches of weak to moderate carbonate alteration.	TYNDALL VOLCANICS

034

517035

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP047A (CONTINUED)

035

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
0.00	417.50								
417.50	418.50	12692	0.010	-0.5	7	70	40	100	3
418.50	420.00	12693	0.420	5.0	105	340	6050	4850	6
420.00	421.00	12694	0.845	5.5	23	925	3400	4950	11
421.00	422.00	12695	0.360	2.5	32	450	1550	760	4
422.00	423.00	12696	0.770	4.5	20	270	2400	2350	5
423.00	424.00	12697	1.330	4.5	13	490	1400	2450	9
424.00	425.00	12698	0.790	4.0	17	475	460	310	6
425.00	426.00	12699	1.510	6.5	8	390	1450	65	7
426.00	427.00	12701	0.740	6.5	19	1050	2200	6300	8
427.00	428.00	12702	0.560	9.0	54	2350	2050	125	16
428.00	429.00	12703	0.255	7.0	33	330	2500	2500	16
429.00	430.00	12704	0.330	6.0	35	155	1600	135	14
430.00	431.00	12705	60.800	12.5	110	380	2050	690	95
431.00	432.00	12706	11.200	11.0	38	1020	6300	3600	28
432.00	433.00	12707	0.810	6.5	21	220	760	400	11
433.00	434.00	12708	0.280	2.5	26	60	175	25	9
434.00	435.00	12709	0.440	3.0	20	215	255	30	14
435.00	436.00	12710	0.210	-0.5	11	25	125	35	2
436.00	437.00	12711	0.260	6.0	20	670	5300	9700	8
437.00	438.00	12712	0.230	4.0	24	245	2100	3450	7
438.00	439.00	12713	0.160	5.5	38	405	2650	5000	8
439.00	440.00	12714	0.735	11.5	78	455	3600	3250	11
440.00	441.00	12715	1.620	23.0	140	1500	4350	6700	19
441.00	442.00	12716	0.740	9.5	87	860	3350	3150	13
442.00	443.00	12717	0.350	9.5	69	1200	7550	9300	14
443.00	444.00	12718	0.470	15.0	38	1850	26500	44000	7
444.00	445.00	12719	1.830	8.0	37	405	885	410	9
445.00	445.85	12721	0.220	3.0	97	2050	2100	990	10
445.85	446.50	12722	0.010	-0.5	13	595	25	160	2
446.50	447.50	12723	0.030	0.5	54	200	220	135	2
447.50	448.50	12724	0.015	0.5	93	120	530	135	8
448.50	449.50	12725	0.010	3.5	81	325	1300	225	3
449.50	450.50	12726	0.010	1.0	41	145	305	135	5

517036

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP047A (CONTINUED)

036

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
373.60	374.00			100.00		
374.00	375.00			60.00		
375.00	376.00			70.00		
376.00	377.00			65.00		
377.00	378.00			100.00		
378.00	379.00			50.00		
379.00	380.00			66.00		
380.00	381.00			70.00		
381.00	382.00			50.00		
382.00	383.00			40.00		
383.00	384.00			50.00		
384.00	385.00			63.00		
385.00	386.00			60.00		
386.00	387.00			36.00		
387.00	388.00			60.00		
388.00	389.00			40.00		
389.00	390.00			44.00		
390.00	391.00			40.00		
391.00	392.00			30.00		
392.00	393.00			36.00		
393.00	394.00			49.00		
394.00	395.00			50.00		
395.00	396.00			56.00		
396.00	397.00			75.00		
397.00	398.00			54.00		
398.00	399.00			80.00		
399.00	401.00			26.00		
401.00	402.00			10.00		
402.00	403.00			13.00		
403.00	404.00			50.00		
404.00	405.00			60.00		
405.00	406.00			46.00		
406.00	407.00			40.00		
407.00	408.00			20.00		
408.00	409.00			15.00		
409.00	410.00			0.00		
410.00	411.00			0.00		
411.00	412.00			0.00		
412.00	413.00			0.00		
413.00	414.00			0.00		
414.00	415.00			0.00		
415.00	416.00			0.00		

517037

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP047A (CONTINUED)

037

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
416.00	417.00			0.00		
417.00	418.00			0.00		
418.00	419.00			25.00		
419.00	420.00			11.00		
420.00	421.00			13.00		
421.00	422.00			14.00		
422.00	423.00			55.00		
423.00	424.00			63.00		
424.00	425.00			66.00		
425.00	426.00			50.00		
426.00	427.00			53.00		
427.00	428.00			60.00		
428.00	429.00			50.00		
429.00	430.00			71.00		
430.00	431.00			51.00		
431.00	432.00			50.00		
432.00	433.00			73.00		
433.00	434.00			62.00		
434.00	435.00			55.00		
435.00	436.00			45.00		
436.00	437.00			84.00		
437.00	438.00			56.00		
438.00	439.00			81.00		
439.00	440.00			96.00		
440.00	441.00			81.00		
441.00	442.00			97.00		
442.00	443.00			91.00		
443.00	444.00			95.00		
444.00	445.00			94.00		
445.00	446.00			84.00		
446.00	447.00			89.00		
447.00	448.00			92.00		
448.00	449.00			96.00		
449.00	450.00			92.00		
450.00	450.50			100.00		

517038

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

SURFACE DIAMOND DRILLHOLE : HP048

PROJECT IDEN : 5510 START DATE : 3 OCT 88 COMPLETION DATE : 26 OCT 88 LOGGED BY:RHR
COLLAR NORTHING: 63898.26 COLLAR EASTING : 30181.09 COLLAR ELEVATION: 2591.01 GRID AZIMUTH : 0.00
DRILLED BY : TOTAL LENGTH : 118.50 CORE/HOLE SIZE : NQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		90.00	-8.00	63898.26	30181.09	2591.01

R HED HOLE PURPOSE:Cover hole from portal site to cover first 100m of decline.
R HED HOLE SIZE:0-3 NQ, 3-118.5 NQ.
R HED HOLE CONDITION:Hole making water at 20 litres/minute. Water flow stopped when fault intersected in decline at 174m (21/3/89). Stem pipe in hole.

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	10.30			MEDIUM GRAINED(SANDY) EPICLASTIC: weathered.	TYNDALL VOLCANICS
	10.30	31.50			COARSE-GRAINED(PEBBLY) EPICLASTIC: hematitic fragments, quartz phyric, weathered.	TYNDALL VOLCANICS
R	17.20	17.21			Hole making water.	
	31.50	34.50			SHALE: completely broken core.	
	34.50	37.30			CONGLOMERATE: weathered.	
	37.30	39.90			FAULT: BROKEN GROUND WITH PUG.	
R	37.30	37.31			Base of oxidation.	
	39.90	52.20			COARSE-GRAINED(PEBBLY) EPICLASTIC: quartz phyric, sedimentary fragments, foliation: 63.	TYNDALL VOLCANICS
R	39.90	52.20			High sandstone content.	
	52.20	54.50			SANDSTONE & SHALE: lower contact: 80.	
R	52.20	54.50			Mixed with epiclastics-transitional contact.	
					54.00 - 54.50: 80% COARSE-GRAINED(PEBBLY) EPICLASTIC: upper contact: 83.	
	54.50	59.30			CONGLOMERATE: lower contact: 73.	
	59.30	68.90			SHALE: moderate to strongly broken core, along foliation. 59.50 - 59.51: 100% SHALE: bedding/cleavage: 73.	

038
5170039

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP048 (CONTINUED)

039

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
					60.80 - 60.81: 100% SHALE: bedding/cleavage: 72.	
	68.90	74.75			SANDSTONE & SHALE: moderate to strongly broken core, along foliation, bedding/cleavage: 70, lower contact: 59. 70.90 - 71.10: 100% CONGLOMERATE.	
	74.75	118.50			UNDIFFERENTIATED EPICLASTICS.	TYNDALL VOLCANICS
R	74.75	75.30			Transitional contact.	
R	74.75	118.50			Predominantly a mixture of coarse and fine epiclastics with	
R	74.75	118.50			minor sandstone. Coarse epiclastics with hematitic quartz	
R	74.75	118.50			porphyry fragments. 76.50 - 87.00: 100% UNDIFFERENTIATED EPICLASTICS: .03% disseminations of pyrite. 87.00 - 90.60: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: patches of very weak silica-pyrite alteration. 95.50 - 95.60: 100% UNDIFFERENTIATED EPICLASTICS: lower contact: 87.	
R	98.00	98.10			Limonite on fracture.	
R	111.50	114.30			Band of buff coloured sandstone and shale. 111.50 - 114.30: 100% UNDIFFERENTIATED EPICLASTICS: moderate to strongly broken core, upper contact: 70.	
R	114.50	115.00			Water bearing fracture. Hole designed to intersect and dewater	
R	114.50	115.00			this fracture. 114.50 - 115.00: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: limonitic, weak to moderately broken core, and limonitic. 115.00 - 115.70: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: weak to moderately broken core.	

517040

INTERNATIONAL GEOSYSTEMS CORPORATION

RGC Exploration PTY LTD
E.L. 956, HENTY PROJECT

SURFACE DIAMOND DRILLHOLE : HP049

PROJECT IDEN : 5510
COLLAR NORTHING: 63856.60
DRILLED BY :LY-BP

START DATE : 10 JAN 89
COLLAR EASTING : 79439.70
TOTAL LENGTH : 1125.20

COMPLETION DATE :
COLLAR ELEVATION: 2638.10
CORE/HOLE SIZE :

LOGGED BY:CJY
GRID AZIMUTH : 0.00

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		115.00	-71.00	63856.60	79439.70	2638.10
001	15.00		115.00	-71.75			
002	40.00		117.50	-71.75			
003	60.00		116.50	-71.50			
004	84.00		117.50	-72.00			
005	100.00		115.00	-72.00			
006	120.00		117.00	-71.50			
007	138.00		117.00	-72.00			
008	155.00		118.00	-71.50			
009	166.00		117.00	-72.00			
009	182.00		119.00	-72.00			
010	210.00		118.00	-72.00			
011	240.00		117.00	-72.00			
012	260.00		114.50	-71.75			
013	280.00		117.00	-71.75			
014	300.00		118.00	-72.00			
015	320.00		119.00	-72.00			
016	340.00		117.50	-71.00			
017	355.00		116.00	-70.75			
018	374.00		116.00	-70.75			
019	400.00		116.50	-70.00			
020	425.00		117.00	-70.00			
021	438.00		117.00	-69.75			
022	458.00		116.00	-69.00			
023	478.00		115.00	-68.50			
024	482.00		114.00	-68.00			
025	502.00		112.50	-67.75			
026	517.00		112.50	-66.50			
027	537.00		111.50	-63.50			
028	540.00		111.00	-63.00			
029	549.00		110.00	-61.00			
030	569.00		110.00	-58.50			
031	589.00		110.50	-56.50			
032	609.00		109.00	-55.00			
033	629.00		110.00	-54.00			
034	644.00		109.00	-53.00			
035	661.00		107.00	-51.00			
036	681.00		106.50	-49.50			

5170441

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049 (CONTINUED)

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
037	701.00		106.50	-47.00			
038	722.00		106.00	-46.00			
039	741.00		107.00	-45.00			
040	763.00		107.00	-43.00			
041	786.00		109.00	-41.50			
042	808.00		111.00	-39.50			
043	828.00		107.50	-38.00			
044	856.00		109.00	-37.50			
045	876.00		108.00	-37.00			
046	896.00		106.50	-36.00			
047	919.00		106.00	-34.00			
048	943.00		106.00	-32.50			
049	973.00		105.00	-30.50			
050	1003.00		106.00	-28.50			
051	1036.00		107.50	-27.00			
052	1070.00		109.00	-25.25			
053	1125.00		109.50	-22.00			

R HED HOLE PURPOSE:To test for a southern plunge to gold
R HED mineralisation from HP042. Aimed at an RL of 2000m.
R HED HOLE SIZE:0-1010 HQ, 1010-EOH NQ.
R HED HOLE CONDITION:All rods removed.

- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
0.00	12.00			NO CORE.	
12.00	64.00			HANGING WALL:WEATHERED: limonitic.	CENTRAL VOLCANICS
64.00	75.60			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: weak to moderately broken core.	CENTRAL VOLCANICS
75.60	93.90			PREDOMINANTLY MAFIC VOLCANICS. 84.00 - 85.70: 100% PREDOMINANTLY MAFIC VOLCANICS: limonitic, strongly foliated, very strongly broken core. 91.60 - 91.70: 100% PREDOMINANTLY MAFIC VOLCANICS: limonitic, very strongly broken core.	CENTRAL VOLCANICS
93.90	178.40			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS. 93.90 - 95.70: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: quartz chlorite vein/s. 98.80 - 99.90: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: calcite vein/s.	CENTRAL VOLCANICS

041

5170042

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
	178.40	386.20			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
R	178.40	286.20			HWM Predominates for much of the interval. 263.00 - 263.30: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: very strongly broken core, with minor pug zones. 282.90 - 283.10: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: very strongly broken core, with minor pug zones, 0.1% disseminations of pyrite.	
	286.20	467.70			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS. 413.50 - 421.70: 100% PREDOMINANTLY MAFIC VOLCANICS: weak to moderately broken core, quartz carbonate vein/s.	CENTRAL VOLCANICS
	467.70	484.40			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	484.40	584.40			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
	584.40	643.60			PREDOMINANTLY MAFIC VOLCANICS: calcareous, hematite vein/s: calcite vein/s. 634.30 - 643.60: 100% PREDOMINANTLY MAFIC VOLCANICS: veinlets of moderate to strong carbonate-hematite alteration.	CENTRAL VOLCANICS
R	634.80	636.90			Extensive calcite-hematite veining.	
	643.60	658.30			MIXED FELSIC AND MAFIC VOLCANICS: strongly foliated, strongly broken core, with minor pug zones, foliation: 55.	CENTRAL VOLCANICS
	658.30	692.00			PREDOMINANTLY MAFIC VOLCANICS: veinlets of moderate to strong carbonate-hematite alteration. 670.10 - 670.90: 100% PREDOMINANTLY MAFIC VOLCANICS: layers/bands of hematite alteration, banding: 43.	CENTRAL VOLCANICS
	692.00	724.20			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
	724.20	736.20			PREDOMINANTLY MAFIC VOLCANICS: calcite vein/s.	CENTRAL VOLCANICS
	736.20	786.90			MIXED FELSIC AND MAFIC VOLCANICS: veinlets of moderate to strong carbonate-hematite alteration. 747.20 - 748.80: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: strongly foliated, strongly broken core, with minor pug zones, foliation: 52. 751.10 - 751.50: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: moderate to strongly foliated, moderate to strongly broken core, with minor pug zones, foliation: 50. 754.70 - 756.70: 100% HANGING WALL: STRONGLY BROKEN: strongly	CENTRAL VOLCANICS

042 5170043

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
					foliated, very strongly broken core, with minor pug zones, foliation: 50.	
R	758.40	769.40			Cleavage shows distinct kinking. 758.40 - 769.40: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: strongly foliated, moderate to strongly broken core, with minor pug zones, foliation: 50. 772.50 - 786.00: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: strongly foliated, weak to moderately broken core, along foliation, foliation: 47.	
	786.90	851.90			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink-green, lower contact: 60.	CENTRAL VOLCANICS
	851.90	859.70			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
	859.70	870.80			PREDOMINANTLY MAFIC VOLCANICS: dark green, lower contact: 60, foliation: 60.	CENTRAL VOLCANICS
	870.80	874.90			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
	874.90	899.40			HANGING WALL: STRONGLY BROKEN: moderate to strongly broken core, foliation: 60, lower contact: 70.	CENTRAL VOLCANICS
	899.40	920.20			MYLONITE AND PUG: green-white, foliation: 61, lower contact: 21.	HENTY FAULT ZONE
R	899.40	899.41			Sharp contact to mylonite with minor pug.	
R	899.40	920.20			Fault zone all mylonite-strongly kinked dominant foliation as	
R	899.40	920.20			above.	
	920.20	943.70			LAVAS AND VOLCANICLASTICS: quartz phyric, very strongly foliated, strong sericite alteration, foliation: 60.	TYNDALL VOLCANICS
R	920.20	920.21			Very sharp lower contact different angle to foliation. 928.00 - 930.50: 100% LAVAS AND VOLCANICLASTICS: strong silica alteration, lower contact: 35.	
	943.70	947.20			LAVAS AND VOLCANICLASTICS: very strongly foliated, strongly broken core, with minor pug zones, weak silica-sericite-pyrite alteration.	TYNDALL VOLCANICS
R	943.70	947.20			Puggy fault contacts top and bottom.	
	947.20	951.10			QUARTZ-SULPHIDE MINERALISATION: strongly broken core, with minor pug zones, strong quartz-sericite alteration, patches of quartz mineralisation, lower contact: 58.	

043

5170044

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
	951.10	957.20			LAVAS AND VOLCANICLASTICS: quartz phyric, strong silica-sericite alteration, patches of moderate silica-sericite-pyrite alteration.	TYNDALL VOLCANICS
	957.20	988.60			MAFIC /INTERMEDIATE VOLCANIC: strong carbonate-chlorite alteration, foliation: 54, lower contact: 43.	TYNDALL VOLCANICS
R	962.50	966.00			Siliceous fragments with quartz phenocrysts in	
R	962.50	966.00			chlorite-carbonate rock.	
R	988.10	988.60			Increasing % of siliceous fragments.	
	988.60	1025.40			FINE-GRAINED VOLCANICLASTICS: foliation: 55.	TYNDALL VOLCANICS
R	988.60	1025.40			Mixture of fine-grained volcaniclastics with minor coarse	
R	988.60	1025.40			volcaniclastics and possible fine-grained epiclastics.	
					988.60 - 990.20: 100% FINE-GRAINED VOLCANICLASTICS: moderate silica alteration.	
					999.50 - 1000.20: 100% FINE-GRAINED VOLCANICLASTICS: moderate sericite-chlorite alteration, patches of moderate carbonate alteration.	
					1006.50 - 1008.20: 100% FINE-GRAINED VOLCANICLASTICS: strong silica alteration, quartz vein/s.	
					1012.80 - 1016.00: 100% FINE-GRAINED VOLCANICLASTICS: moderately broken core, with minor pug zones, patches of weak fuschite-sericite alteration +/-cc3.	
					1017.90 - 1021.70: 100% FINE-GRAINED VOLCANICLASTICS: weakly broken core, with minor pug zones, strong fuschite-sericite alteration +/-cc3.	
					1021.10 - 1021.40: PUG ZONE: lower contact: 42, upper contact: 42.	
	1025.40	1025.50			FAULT: BROKEN GROUND WITH PUG: fault: 45.	
	1025.50	1082.50			COARSE-GRAINED VOLCANICLASTICS.	TYNDALL VOLCANICS
R	1025.50	1082.50			Mixture of coarse-grained volcaniclastics and finer-grained	
R	1025.50	1082.50			units.	
					1025.50 - 1027.40: 100% COARSE-GRAINED VOLCANICLASTICS: moderate silica alteration.	
					1049.60 - 1060.60: 100% COARSE-GRAINED VOLCANICLASTICS: patches of moderate carbonate alteration.	
					1069.50 - 1078.60: 100% COARSE-GRAINED VOLCANICLASTICS: patches of strong silica alteration.	
	1082.50	1094.50			QUARTZ PORPHYRY BRECCIA: quartz porphyry fragments, hematitic fragments.	TYNDALL VOLCANICS
R	1082.50	1094.50			Gradual increase in amount and size of pink quartz-porphyry	

0454

517045

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
R	1082.50	1094.50			fragments.	
	1094.50	1105.80			QUARTZ PORPHYRY BRECCIA.	TYNDALL VOLCANICS
	1105.80	1125.20			QUARTZ PORPHYRY: mega quartz grains.	
R	1105.80	1125.20			Patches of finer-grained rock in the porphyry- possible	
R	1105.80	1125.20			included blocks, or rock consists of very large block-size	
R	1105.80	1125.20			fragments.	
					1105.80 - 1113.60: 100% QUARTZ PORPHYRY: very strong silica alteration.	

GSQ
517046

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049 (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
918.00	919.00	T12727	-0.010	-0.5	2	35	5	75	-1
919.00	920.10	T12728	-0.010	-0.5	2	20	-5	135	-1
920.10	921.00	T12729	-0.010	-0.5	13	15	-5	25	6
921.00	922.00	T12730	-0.010	-0.5	14	5	-5	20	4
922.00	923.00	T12731	-0.010	-0.5	9	45	-5	55	1
923.00	924.00	T12732	-0.010	-0.5	2	100	5	100	-1
924.00	925.00	T12733	-0.010	-0.5	1	25	-5	90	-1
925.00	926.00	T12734	-0.010	-0.5	2	5	-5	30	-1
926.00	927.00	T12735	-0.010	-0.5	5	5	-5	30	-1
927.00	928.00	T12736	-0.010	-0.5	3	5	-5	25	1
928.00	929.00	T12737	-0.010	-0.5	5	10	5	20	2
929.00	930.00	T12738	-0.010	-0.5	3	5	5	20	-1
930.00	931.00	T12739	-0.010	-0.5	6	20	5	40	2
931.00	932.00	T12740	-0.010	-0.5	8	100	-5	45	2
932.00	933.00	T12741	-0.010	-0.5	6	315	5	35	2
933.00	934.00	T12742	-0.010	-0.5	6	375	-5	40	-1
934.00	936.00	T12743	-0.010	-0.5	7	75	5	40	-1
936.00	937.00	T12744	-0.010	-0.5	2	50	5	40	-1
937.00	938.00	T12745	-0.010	-0.5	1	-5	5	35	10
938.00	939.00	T12746	-0.010	-0.5	6	25	5	40	5
939.00	940.00	T12747	-0.010	-0.5	1	-5	5	50	-1
940.00	941.00	T12748	-0.010	-0.5	5	10	10	50	-1
941.00	942.00	T12749	-0.010	-0.5	7	50	5	45	2
942.00	943.70	T12750	-0.010	-0.5	5	35	10	40	2
943.70	945.00	T12751	-0.010	-0.5	22	25	10	30	-1
945.00	946.00	T12752	0.010	-0.5	21	35	75	160	1
946.00	947.00	T12753	0.010	-0.5	11	30	10	65	1
947.00	948.00	T12754	0.040	-0.5	36	115	20	45	9
948.00	949.00	T12755	0.030	-0.5	32	35	25	45	9
949.00	950.00	T12756	0.030	-0.5	33	150	20	30	2
950.00	951.10	T12757	0.070	-0.5	19	80	15	30	11
951.10	952.00	T12758	0.020	-0.5	12	45	5	35	4
952.00	953.00	T12759	0.020	-0.5	16	40	5	20	3
953.00	954.00	T12760	0.030	-0.5	16	25	5	25	2
954.00	955.00	T12761	0.050	3.0	21	15	-5	30	6
955.00	956.00	T12763	-0.010	-0.5	6	55	5	25	3
956.00	957.00	T12764	0.010	-0.5	10	70	5	30	-1
957.00	958.00	T12765	0.010	-0.5	6	65	-5	140	1
958.00	959.00	T12766	0.010	-0.5	16	160	10	85	1
959.00	960.00	T12767	-0.010	-0.5	8	230	10	85	-1
960.00	961.00	T12768	0.010	-0.5	5	25	5	115	-1
961.00	962.00	T12769	0.150	-0.5	3	45	5	150	-1

049

5170447

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049 (CONTINUED)

047

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
962.00	963.00	T12770	-0.010	-0.5	2	5	5	180	-1
963.00	964.00	T12771	-0.010	-0.5	4	75	10	160	-1
964.00	965.00	T12772	-0.010	-0.5	1	35	5	160	-1
965.00	966.00	T12773	-0.010	-0.5	-1	25	5	165	-1
966.00	967.00	T12774	-0.010	0.5	-1	70	10	205	-1
967.00	968.00	T12775	0.310	-0.5	-1	50	10	220	-1

517048

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049 (CONTINUED)

048

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
866.00	867.00			92.00		
867.00	868.00			100.00		
868.00	869.00			95.00		
869.00	870.00			95.00		
870.00	871.00			35.00		
871.00	872.00			40.00		
872.00	873.00			70.00		
873.00	874.00			83.00		
874.00	875.00			46.00		
875.00	876.00			10.00		
876.00	877.00			13.00		
877.00	878.00			0.00		
878.00	879.00			10.00		
879.00	880.00			55.00		
880.00	881.00			38.00		
881.00	882.00			35.00		
882.00	883.00			41.00		
883.00	884.00			17.00		
884.00	885.00			66.00		
885.00	886.00			88.00		
886.00	887.00			66.00		
887.00	888.00			8.00		
888.00	889.00			14.00		
889.00	890.00			22.00		
890.00	891.00			43.00		
891.00	892.00			49.00		
892.00	893.00			10.00		
893.00	894.00			26.00		
894.00	895.00			31.00		
895.00	896.00			59.00		
896.00	897.00			23.00		
897.00	898.00			48.00		
898.00	899.00			23.00		
899.00	900.00			68.00		
900.00	901.00			66.00		
901.00	902.00			71.00		
902.00	903.00			81.00		
903.00	904.00			67.00		
904.00	905.00			70.00		
905.00	906.00			84.00		
906.00	907.00			53.00		
907.00	908.00			54.00		

5170049

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049 (CONTINUED)

049

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
908.00	909.00			83.00		
909.00	910.00			62.00		
910.00	911.00			65.00		
911.00	912.00			81.00		
912.00	913.00			95.00		
913.00	914.00			40.00		
914.00	915.00			92.00		
915.00	916.00			88.00		
916.00	917.00			71.00		
917.00	918.00			85.00		
918.00	919.00			68.00		
919.00	920.00			14.00		
920.00	921.00			67.00		
921.00	922.00			90.00		
922.00	923.00			66.00		
923.00	924.00			20.00		
924.00	925.00			77.00		
925.00	926.00			31.00		
926.00	927.00			51.00		
927.00	928.00			53.00		
928.00	929.00			61.00		
929.00	930.00			95.00		
930.00	931.00			73.00		
931.00	932.00			80.00		
932.00	933.00			97.00		
933.00	934.00			72.00		
934.00	935.00			64.00		
935.00	936.00			98.00		
936.00	937.00			89.00		
937.00	938.00			74.00		
938.00	939.00			75.00		
939.00	940.00			56.00		
940.00	941.00			73.00		
941.00	942.00			36.00		
942.00	943.00			53.00		
943.00	944.00			14.00		
944.00	945.00			0.00		
945.00	946.00			20.00		
946.00	947.00			0.00		
947.00	948.00			12.00		
948.00	949.00			31.00		
949.00	950.00			20.00		

517050

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049 (CONTINUED)

950

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
950.00	951.00			0.00		
951.00	952.00			14.00		
952.00	953.00			23.00		
953.00	954.00			46.00		
954.00	955.00			65.00		
955.00	956.00			75.00		
956.00	957.00			48.00		
957.00	958.00			66.00		
958.00	959.00			13.00		
959.00	960.00			77.00		
960.00	961.00			50.00		
961.00	962.00			61.00		
962.00	963.00			36.00		
963.00	964.00			69.00		
964.00	965.00			30.00		
965.00	966.00			81.00		
966.00	967.00			93.00		
967.00	968.00			71.00		
968.00	969.00			100.00		
969.00	970.00			77.00		
970.00	971.00			95.00		
971.00	972.00			100.00		
972.00	973.00			89.00		
973.00	974.00			100.00		
974.00	975.00			80.00		
975.00	976.00			100.00		
976.00	977.00			83.00		
977.00	978.00			91.00		
978.00	979.00			79.00		
979.00	980.00			100.00		
980.00	981.00			77.00		
981.00	982.00			90.00		
982.00	983.00			100.00		
983.00	984.00			87.00		
984.00	985.00			54.00		
985.00	986.00			81.00		
986.00	987.00			83.00		
987.00	988.00			77.00		
988.00	989.00			89.00		
989.00	990.00			94.00		
990.00	991.00			70.00		
991.00	992.00			67.00		

5170551

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049 (CONTINUED)

051

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
992.00	993.00			93.00		
993.00	994.00			90.00		
994.00	995.00			80.00		
995.00	996.00			100.00		
996.00	997.00			100.00		
997.00	998.00			80.00		
998.00	999.00			91.00		
999.00	1000.00			100.00		

517052

RGC Exploration PTY LTD
E.L. 266, HENTY PROJECT

052

SURFACE DIAMOND DRILLHOLE : HP049A

PROJECT IDEN : 5510
COLLAR NORTHING: 63856.60
DRILLED BY :L/Y

START DATE : 14 FEB 89
COLLAR EASTING : 79439.70
TOTAL LENGTH : 972.30

COMPLETION DATE :
COLLAR ELEVATION: 2688.07
CORE/HOLE SIZE : HQ

LOGGED BY:RHR
GRID AZIMUTH : 0.00

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		115.00	-71.00	63856.60	79439.70	2688.07
001	16.00		115.00	-71.75			
002	40.00		117.50	-71.75			
003	60.00		116.50	-71.50			
004	84.00		117.50	-72.00			
005	100.00		115.00	-72.00			
006	120.00		117.00	-71.50			
007	138.00		117.00	-72.00			
008	155.00		118.00	-71.50			
009	166.00		117.00	-72.00			
010	182.00		119.00	-72.00			
011	210.00		118.00	-72.00			
012	240.00		117.00	-72.00			
013	260.00		114.50	-71.75			
014	280.00		117.00	-71.75			
015	300.00		118.00	-72.00			
017	330.00		117.00	-69.00			
018	348.00		116.50	-67.50			
019	370.00		116.50	-66.00			
020	390.00		116.50	-65.00			
021	412.00		115.50	-63.00			
022	433.00		114.50	-62.50			
023	454.00		116.00	-61.00			
024	475.00		115.50	-59.00			
025	496.00		114.50	-57.00			
026	517.00		113.50	-56.00			
027	538.00		111.00	-52.00			
028	559.00		109.50	-49.00			
029	580.00		108.50	-47.25			
030	601.00		108.00	-46.75			
031	622.00		107.00	-44.75			
032	643.00		106.50	-42.25			
033	664.00		105.50	-40.00			
034	685.00		107.00	-39.00			
035	705.00		102.50	-35.50			
036	726.00		103.50	-33.75			
037	745.00		104.50	-30.50			
038	766.00		103.50	-28.00			

517053

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049A (CONTINUED)

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
039	787.00		103.00	-26.50			
040	807.00		101.00	-25.00			
041	844.50		99.50	-22.25			
042	912.00		99.00	-20.00			
043	959.50		98.00	-17.25			

R HED HOLE PURPOSE:Wedge off HP049 to intersect 100m above HP049. At
R HED the original target for HP049.
R HED HOLE SIZE:316-EOH HQ.
R HED HOLE CONDITION:All rods removed.

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	317.80	411.70			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pinkish grey, patches of moderate k-feldspar alteration. 348.00 - 366.00: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: weakly foliated, cleavage: 40.	CENTRAL VOLCANICS
	411.70	422.30			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	422.30	428.00			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
	428.00	442.40			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
R	441.00	441.20			Layering line bedding? ash-fall, bedding at 45 deg to c.a..	
	442.40	472.40			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: strong carbonate-chlorite alteration, patches of moderate to strong hematite alteration, foliation: 32.	CENTRAL VOLCANICS
	472.40	482.30			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	482.30	488.00			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
	488.00	530.90			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	530.90	541.60			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: moderate carbonate-chlorite alteration, foliation: 34.	CENTRAL VOLCANICS
R	530.90	541.60			Chlorite-co3 alteration appears to be a regional style of	
R	530.90	541.60			alteration especially in mafics and also in felsics, -in felsic	
R	530.90	541.60			also get silica-k-feldspar alteration.	
	541.60	550.80			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS

053
517054

RGC Exploration PTY LTD
E.L. 956, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049A (CONTINUED)

0154

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
	550.80	561.80			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
	561.80	612.50			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
R	568.90	574.50			Pink k-feldspar alteration is picking out the more felsic
R	568.90	574.50			units.
					568.90 - 574.50: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink, moderate k-feldspar alteration.	
	612.50	634.00			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: patches of carbonate-chlorite alteration, foliation: 37.	CENTRAL VOLCANICS
	634.00	662.50			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
					634.00 - 641.00: 100% MIXED FELSIC AND MAFIC VOLCANICS: strongly broken core, with minor pug zones, upper contact: 54.	
	662.50	676.00			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	676.00	817.40			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
					704.40 - 710.30: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: carbonate-chlorite alteration, foliation: 45.	
					723.00 - 731.50: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: foliation: 45.	
					737.30 - 738.30: 100% FAULT: BROKEN GROUND WITH PUG: mylonitic.	
					781.50 - 783.30: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: strong silica alteration.	
					789.80 - 817.40: 100% MIXED FELSIC AND MAFIC VOLCANICS: bleached, moderate to strongly broken core, with minor pug zones.	
	817.40	833.95			HANGING WALL: STRONGLY BROKEN: strongly broken core, with prominent pug zones, foliation: 66, lower contact: 70.	CENTRAL VOLCANICS
R	817.40	833.95			Common pug zones parellel to lower contact of mylonitic fault
R	817.40	833.95			zone.
	833.95	879.50			MYLONITE AND PUG: kink fold/s.	HENTY FAULT ZONE
					848.00 - 849.00: 100% MYLONITE AND PUG: foliation: 87.	
					850.70 - 855.20: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: weak to moderate silica-sericite-pyrite alteration.	
					875.10 - 879.50: 100% MYLONITE AND PUG: moderate to strong silica alteration.	
	879.50	881.30			CRUSH ZONE.	HENTY FAULT ZONE

517055

NGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049A (CONTINUED)

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	881.30	893.90			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: sheared, 45° fold/s, moderate to strongly broken core, with minor gug zones, strong lower contact: 70.	
R	881.30	886.50			Lower contact is faulted. 881.30 - 886.50: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strong silica-sericite-pyrite alteration, veinlets of carbonate alteration. 882.60 - 883.00: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: shear: 50. 886.50 - 891.00: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderate silica-sericite-pyrite alteration. 891.00 - 893.90: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strong silica alteration.	
	893.90	897.40			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 30% quartz mineralisation.	
	897.40	901.80			QUARTZ-SULPHIDE MINERALISATION: moderate to strong quartz-sericite alteration, disseminations of weak pyrite alteration, 10% lenses of quartz mineralisation. 897.40 - 898.30: 100% INTENSE QUARTZ MINERALISATION: 80% massive quartz mineralisation, 2.5% blebs of fluorite.	
	901.80	909.90			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, veinlets of carbonate alteration, 30% quartz-base metal mineralisation, 2.5% coarse grained pyrite, 1% veinlets of chalcopyrite, 0.1% blebs of galena, 1% veinlets of sphalerite.	
	909.90	916.30			MAFIC /INTERMEDIATE VOLCANIC: strong carbonate-chlorite alteration.	TYNDALL VOLCANICS
	916.30	918.40			QUARTZ-SULPHIDE MINERALISATION: moderate silica-sericite-pyrite alteration, 20% quartz-base metal mineralisation, layers/bands of pyrite mineralisation.	
	918.40	920.80			INTENSE QUARTZ MINERALISATION: strong quartz-sericite alteration with co3, 60% massive quartz mineralisation.	
	920.80	933.00			QUARTZ-SULPHIDE MINERALISATION: patches of quartz-sericite alteration, patches of silica-sericite-pyrite alt. with co3, 20% quartz-base metal mineralisation.	

053

517056

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049A (CONTINUED)

Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
933.00	935.60			CARBONATE ZONE: carbonate alteration.	TYNDALL VOLCANICS
935.60	949.50			QUARTZ-SULPHIDE MINERALISATION. 935.60 - 937.20: 100% QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 5% quartz-base metal mineralisation. 937.20 - 941.60: 100% QUARTZ-SULPHIDE MINERALISATION: patches of strong silica-sericite-pyrite alteration, patches of strong quartz-sericite alteration, 60% quartz-base metal mineralisation, 5% coarse grained pyrite, 2.5% veinlets of chalcopyrite, 2.5% patches of galena. 941.60 - 949.50: 100% QUARTZ-SULPHIDE MINERALISATION: strong quartz-sericite alteration, 40% quartz-base metal mineralisation, 2.5% coarse grained pyrite, 1% veinlets of chalcopyrite, 0.3% patches of galena.	
949.50	972.30			LAVAS AND VOLCANICLASTICS: patches of very strong silica alteration, patches of very weak silica-sericite-pyrite alteration.	TYNDALL VOLCANICS

050

517057

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : H[illegible]9A (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
0.00	882.00								
882.00	883.00	T12896	0.140	3.0	19	250	35	240	5
883.00	884.00	T12897	0.050	1.5	17	40	40	170	-1
884.00	885.00	T12898	0.050	1.0	24	45	30	85	-1
892.00	893.00	T12899	0.030	0.5	9	15	5	45	-1
893.00	893.90	T12901	-0.010	0.5	5	30	20	75	1
893.90	895.00	T12902	0.050	1.0	14	110	15	50	5
895.00	896.00	T12903	0.060	1.0	19	90	45	65	6
896.00	897.40	T12904	0.070	1.0	18	55	30	50	-1
897.40	898.40	T12905	0.010	-0.5	5	10	15	30	-1
898.40	899.40	T12906	0.040	1.0	18	75	20	40	3
899.40	900.40	T12907	0.030	1.5	17	20	10	35	2
900.40	901.80	T12908	0.110	14.5	13	85	25	40	-1
901.80	903.00	T12909	0.210	4.0	22	170	310	40	2
903.00	904.00	T12910	1.550	8.5	24	385	2000	1200	7
904.00	905.00	T12911	0.370	5.0	27	415	1100	1550	2
905.00	906.00	T12912	0.090	3.5	31	195	570	1350	3
906.00	907.00	T12913	0.100	3.5	35	100	580	80	2
907.00	908.00	T12914	0.070	3.0	24	425	300	90	2
908.00	909.00	T12915	0.050	1.0	5	60	50	80	1
909.00	910.00	T12916	0.050	0.5	6	25	35	100	-1
910.00	911.00	T12917	-0.010	0.5	8	90	10	205	-1
911.00	912.00	T12918	-0.010	-0.5	6	70	-5	330	1
912.00	913.00	T12919	-0.010	-0.5	29	30	40	265	-1
913.00	914.00	T12921	-0.010	-0.5	4	30	-5	300	-1
914.00	915.00	T12922	0.020	-0.5	6	35	10	190	-1
915.00	916.40	T12923	0.010	1.5	7	245	5	170	-1
916.40	917.40	T12924	0.110	1.5	7	650	20	80	3
917.40	918.40	T12925	0.170	3.0	78	1150	30	50	3
918.40	919.60	T12926	0.460	3.5	7	445	110	35	2
919.60	920.80	T12927	0.270	1.5	6	80	55	30	2
920.80	921.80	T12928	1.030	4.0	49	3600	225	80	6
921.80	923.00	T12929	0.570	6.5	35	5800	400	270	9
923.00	924.00	T12930	0.250	2.5	25	1400	310	100	3
924.00	925.00	T12931	0.170	2.0	10	780	140	75	2
925.00	926.00	T12932	0.310	1.0	5	1100	95	65	2
926.00	927.00	T12933	0.110	1.0	5	430	105	45	3
927.00	928.00	T12934	0.090	1.0	13	620	125	50	4
928.00	929.00	T12935	0.240	1.0	11	335	175	75	1
929.00	930.00	T12936	0.330	1.5	37	1300	325	95	4
930.00	931.00	T12937	0.240	1.5	30	870	400	135	4
931.00	932.00	T12938	0.100	3.0	20	1100	945	600	7

057
517058

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049A (CONTINUED)

058

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
932.00	933.00	T12939	0.900	3.0	34	2000	570	90	12
933.00	934.00	T12941	0.070	-0.5	16	325	60	55	2
934.00	935.60	T12942	0.030	1.0	6	70	20	45	1
935.60	937.00	T12943	0.260	2.0	73	325	90	50	5
937.00	938.00	T12944	7.040	5.5	52	540	210	45	12
938.00	939.00	T12945	2.740	5.0	51	1650	400	70	10
939.00	940.00	T12946	4.350	5.0	31	3400	530	250	10
940.00	941.00	T12947	4.520	5.5	38	2700	710	220	20
941.00	942.00	T12948	6.830	7.5	36	3650	750	110	28
942.00	943.00	T12949	0.550	1.0	16	1700	105	25	6
943.00	944.00	T12950	0.250	-0.5	9	85	55	25	1
944.00	945.00	T12951	0.280	0.5	7	2500	105	45	-1
945.00	946.00	T12952	0.230	-0.5	19	590	55	40	8
946.00	947.00	T12953	1.150	0.5	12	270	40	35	6
947.00	948.00	T12954	3.410	1.5	13	3050	175	45	5
948.00	949.50	T12955	0.330	1.0	14	1000	150	50	1
949.50	950.50	T12956	0.040	-0.5	7	35	20	40	-1
950.50	951.50	T12957	0.030	-0.5	8	20	10	40	-1

517059

RGC Exploration P LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049A (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	808.00			0.00		
808.00	809.00			20.00		
809.00	810.00			55.00		
810.00	811.00			80.00		
811.00	812.00			52.00		
812.00	813.00			66.00		
813.00	814.00			70.00		
814.00	815.00			96.00		
815.00	816.00			62.00		
816.00	817.00			66.00		
817.00	818.00			20.00		
818.00	819.00			0.00		
819.00	820.00			13.00		
820.00	821.00			52.00		
821.00	822.00			30.00		
822.00	823.00			42.00		
823.00	824.00			40.00		
824.00	825.00			40.00		
825.00	826.00			70.00		
826.00	827.00			43.00		
827.00	828.00			30.00		
828.00	829.00			12.00		
829.00	830.00			80.00		
830.00	831.00			60.00		
831.00	832.00			80.00		
832.00	833.00			70.00		
833.00	834.00			70.00		
834.00	835.00			90.00		
835.00	836.00			90.00		
836.00	837.00			50.00		
837.00	838.00			67.00		
838.00	839.00			96.00		
839.00	840.00			90.00		
840.00	841.00			100.00		
841.00	842.00			90.00		
842.00	843.00			95.00		
843.00	844.00			100.00		
844.00	845.00			80.00		
845.00	846.00			64.00		
846.00	847.00			50.00		
847.00	848.00			75.00		
848.00	849.00			87.00		

039

517060

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP04[illegible] (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
849.00	850.00			70.00		
850.00	851.00			50.00		
851.00	852.00			50.00		
852.00	853.00			70.00		
853.00	854.00			92.00		
854.00	855.00			80.00		
855.00	856.00			90.00		
856.00	857.00			80.00		
857.00	858.00			70.00		
858.00	859.00			40.00		
859.00	860.00			50.00		
860.00	861.00			50.00		
861.00	862.00			44.00		
862.00	863.00			30.00		
863.00	864.00			70.00		
864.00	865.00			40.00		
865.00	866.00			100.00		
866.00	867.00			66.00		
867.00	868.00			80.00		
868.00	869.00			70.00		
869.00	870.00			70.00		
870.00	871.00			74.00		
871.00	872.00			32.00		
872.00	873.00			60.00		
873.00	874.00			24.00		
874.00	875.00			30.00		
875.00	876.00			50.00		
876.00	877.00			60.00		
877.00	878.00			32.00		
878.00	879.00			10.00		
879.00	880.00			0.00		
880.00	881.00			0.00		
881.00	882.00			0.00		
882.00	883.00			30.00		
883.00	884.00			60.00		
884.00	885.00			50.00		
885.00	886.00			20.00		
886.00	887.00			12.00		
887.00	888.00			37.00		
888.00	889.00			30.00		
889.00	890.00			30.00		
890.00	891.00			23.00		

090

5170611

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049A (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
891.00	892.00			16.00		
892.00	893.00			25.00		
893.00	894.00			10.00		
894.00	895.00			20.00		
895.00	896.00			80.00		
896.00	897.00			54.00		
897.00	898.00			46.00		
898.00	899.00			80.00		
899.00	900.00			64.00		
900.00	901.00			12.00		
901.00	902.00			23.00		
902.00	903.00			80.00		
903.00	904.00			90.00		
904.00	905.00			66.00		
905.00	906.00			90.00		
906.00	907.00			96.00		
907.00	908.00			60.00		
908.00	909.00			78.00		
909.00	910.00			80.00		
910.00	911.00			90.00		
911.00	912.00			100.00		
912.00	913.00			100.00		
913.00	914.00			85.00		
914.00	915.00			84.00		
915.00	916.00			80.00		
916.00	917.00			80.00		
917.00	918.00			94.00		
918.00	919.00			60.00		
919.00	920.00			90.00		
920.00	921.00			93.00		
921.00	922.00			100.00		
922.00	923.00			86.00		
923.00	924.00			100.00		
924.00	925.00			100.00		
925.00	926.00			100.00		
926.00	927.00			97.00		
927.00	928.00			100.00		
928.00	929.00			94.00		
929.00	930.00			95.00		
930.00	931.00			100.00		
931.00	932.00			90.00		
932.00	933.00			100.00		

061

517062

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049A (CONTINUED)

062

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
933.00	934.00			96.00		
934.00	935.00			78.00		
935.00	936.00			90.00		
936.00	937.00			90.00		
937.00	938.00			92.00		
938.00	939.00			100.00		
939.00	940.00			100.00		
940.00	941.00			90.00		
941.00	942.00			84.00		
942.00	943.00			96.00		
943.00	944.00			80.00		
944.00	945.00			90.00		
945.00	946.00			98.00		
946.00	947.00			86.00		
947.00	948.00			95.00		
948.00	949.00			70.00		
949.00	950.00			100.00		
950.00	951.00			85.00		
951.00	952.00			100.00		
952.00	953.00			90.00		
953.00	954.00			100.00		
954.00	955.00			84.00		
955.00	956.00			76.00		
956.00	957.00			87.00		
957.00	958.00			85.00		
958.00	959.00			54.00		
959.00	960.00			100.00		
960.00	961.00			100.00		
961.00	962.00			100.00		
962.00	963.00			100.00		
963.00	964.00			78.00		
964.00	965.00			91.00		
965.00	966.00			90.00		
966.00	967.00			75.00		
967.00	968.00			100.00		
968.00	969.00			100.00		
969.00	970.00			81.00		
970.00	971.00			90.00		
971.00	972.00			72.00		

517063

INTERNATIONAL GEOSYSTEMS CORPORATION

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

SURFACE DIAMOND DRILLHOLE : HP049B

PROJECT IDEN : 5510
COLLAR NORTHING: 63856.60
DRILLED BY :LY
START DATE : 3 APR 89
COLLAR EASTING : 79439.70
TOTAL LENGTH : 963.80
COMPLETION DATE : 14 APR 89
COLLAR ELEVATION: 2688.07
CORE/HOLE SIZE : NQ
LOGGED BY:RHR
GRID AZIMUTH : 0.00

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		115.00	-71.00	63856.60	79439.70	2688.07
001	16.00		115.00	-71.75			
002	40.00		117.50	-71.75			
003	60.00		116.50	-71.50			
004	84.00		117.50	-72.00			
005	100.00		115.00	-72.00			
006	120.00		117.00	-71.50			
007	138.00		117.00	-72.00			
008	155.00		118.00	-71.50			
009	166.00		117.00	-72.00			
010	182.00		119.00	-72.00			
011	210.00		118.00	-72.00			
012	240.00		117.00	-72.00			
013	260.00		114.50	-71.75			
014	280.00		117.00	-71.75			
015	300.00		118.00	-72.00			
016	330.00		117.00	-69.00			
017	348.00		116.50	-67.50			
018	370.00		115.50	-66.00			
019	390.00		116.50	-65.00			
020	412.00		115.50	-63.00			
021	433.00		114.50	-62.50			
022	454.00		116.00	-61.00			
023	475.00		115.50	-59.00			
024	496.00		114.50	-57.00			
025	517.00		113.50	-55.00			
026	538.00		111.00	-52.00			
027	559.00		109.50	-49.00			
028	580.00		108.50	-47.25			
029	601.00		108.00	-46.75			
030	622.00		107.00	-44.75			
031	643.00		106.50	-42.25			
032	664.00		105.50	-40.00			
033	685.00		107.00	-39.00			
034	705.00		102.50	-35.50			
035	726.00		103.50	-33.75			
036	745.00		104.50	-30.50			
037	766.00		103.50	-28.00			

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049B (CONTINUED)

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
038	787.00		103.00	-26.50			
039	807.00		101.00	-25.00			
040	834.00		102.00	-23.00			
041	892.00		103.00	-20.00			
042	922.00		103.50	-18.50			
043	955.00		103.50	-16.50			

R HED HOLE PURPOSE:To obtain a second intersection of mineralisation
R HED from HP049A.
R HED HOLE SIZE:820-EOH NQ.
R HED HOLE CONDITION:All rods removed. Pulled out casing and wedge.

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	820.30			HANGING WALL:UNDIFFERENTIATED.	CENTRAL VOLCANICS
R	0.00	820.30			ABOVE WEDGE - SEE HP49A	
	820.30	834.00			HANGING WALL: STRONGLY BROKEN: pink, very strongly broken core, with prominent pug zones, moderate silica alteration.	CENTRAL VOLCANICS
	834.00	881.05			MYLONITE AND PUG: upper contact: 63, lower contact: 67. 834.00 - 851.00: 100% MYLONITE AND PUG: dark green, mylonitic. 851.00 - 853.60: 100% LAVAS AND VOLCANICLASTICS: very weak silica-sericite-pyrite alteration. 853.60 - 874.80: 100% MYLONITE AND PUG: green, mylonitic, lower contact: 42. 874.80 - 881.05: 100% MYLONITE AND PUG: moderate to strongly broken core, with prominent pug zones, strong silica alteration.	HENTY FAULT ZONE
	881.05	893.30			UNDIFFERENTIATED ALTERED VOLCANICLASTICS. 881.05 - 886.35: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: sheared, kink fold/s, weakly broken core, with minor pug zones, strong silica-sericite-pyrite alteration. 886.35 - 893.30: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: sheared, kink fold/s, weakly broken core, with minor pug zones, moderate silica-sericite-pyrite alteration.	
	893.30	909.15			QUARTZ-SULPHIDE MINERALISATION. 893.30 - 896.70: 100% QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 20% nodules of quartz	

517065

RGC Exploration PTY LTD
E.L. 965, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049B (CONTINUED)

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
					mineralisation. 896.70 - 901.00: 100% QUARTZ-SULPHIDE MINERALISATION: moderate to strong quartz-sericite alteration, patches of weak silica-sericite-pyrite alteration, 10% patches of quartz mineralisation. 897.10 - 897.55: 100% QUARTZ-SULPHIDE MINERALISATION: 2.5% blebs of fluorite.	
R	901.00	909.15			Carbonate occurs as lenses and also as networks of	
R	901.00	909.15			MICROVEINLETS WITHIN quartz. Carbonate is possibly late stage. 901.00 - 909.15: 100% QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, pervasive moderate carbonate alteration, 10% quartz-base metal mineralisation, 0.3% layers/bands of pyrite, 0.1% veinlets of chalcopyrite, 0.1% veinlets of galena, 0.1% veinlets of sphalerite.	
	909.15	916.00			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: very strong carbonate-chlorite alteration.	
	916.00	934.15			QUARTZ-SULPHIDE MINERALISATION. 916.00 - 921.00: 100% QUARTZ-SULPHIDE MINERALISATION: moderate quartz-sericite alteration with co3, patches of weak to moderate silica-sericite-pyrite alteration, 10% quartz mineralisation. 921.00 - 925.00: 100% QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alt. with co3, 5% quartz-copper mineralisation, 0.1% blebs of chalcopyrite. 925.00 - 934.15: 100% QUARTZ-SULPHIDE MINERALISATION: strong quartz-sericite alteration with co3, patches of strong silica-sericite-pyrite alteration, 30% quartz-copper mineralisation.	
	934.15	938.70			CARBONATE ZONE: weak sericite-pyrite alteration.	TYNDALL VOLCANICS
	938.70	949.20			QUARTZ-SULPHIDE MINERALISATION: weak to moderate quartz-sericite alteration with co3, patches of moderate silica-sericite-pyrite alteration, 10% quartz-copper mineralisation, 1% blebs of chalcopyrite.	
	949.20	956.80			LAVAS AND VOLCANICLASTICS: pink, patches of very strong silica alteration.	TYNDALL VOLCANICS
	956.80	963.50			INTENSELY SILICIFIED ZONE: extreme silica alteration. 959.70 - 959.90: 90% INTENSELY SILICIFIED ZONE: patches of weak silica-sericite-pyrite alteration.	

517066

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049B (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
0.00	893.40								
893.40	894.40	T12977	0.161	1.0	20	85	-5	35	5
894.40	895.40	T12978	0.158	1.0	18	65	5	35	7
895.40	896.70	T12979	0.178	2.0	20	70	30	70	6
896.70	897.70	T12981	0.067	-0.5	6	30	-5	20	1
897.70	898.70	T12982	0.101	1.0	13	70	-5	25	4
898.70	900.00	T12983	0.085	17.0	11	40	-5	35	-1
900.00	901.00	T12984	0.124	405.0	9	60	-5	40	1
901.00	902.00	T12985	0.169	3.0	13	195	325	120	5
902.00	903.00	T12986	2.122	10.0	15	700	2875	1800	9
903.00	904.00	T12987	2.489	6.0	20	1050	1300	2200	6
904.00	905.00	T12988	0.552	2.5	9	155	300	1750	2
905.00	906.00	T12989	0.171	3.0	17	90	300	860	4
906.00	907.00	T12990	0.182	4.0	18	205	380	50	4
907.00	908.00	T12991	0.201	1.5	17	545	70	70	3
908.00	909.15	T12992	0.104	1.0	13	15	-5	35	2
909.15	910.00	T12993	0.042	-0.5	8	240	-5	180	2
910.00	911.00	T12994	0.035	-0.5	3	80	-5	240	-1
911.00	912.00	T12995	0.037	-0.5	5	25	-5	330	-1
912.00	913.00	T12996	0.028	-0.5	2	70	-5	300	-1
913.00	914.00	T12997	0.048	-0.5	1	30	-5	200	3
914.00	915.00	T12998	0.031	-0.5	2	10	-5	295	1
915.00	916.00	T12999	0.031	-0.5	2	100	-5	225	1
916.00	917.00	T13001	0.151	1.0	17	300	10	70	4
917.00	918.00	T13002	0.384	4.5	10	135	15	30	12
918.00	919.00	T13003	0.582	4.0	15	1025	1050	200	29
919.00	920.00	T13004	0.126	1.0	6	215	105	30	2
920.00	921.00	T13005	0.144	1.0	19	265	55	30	6
921.00	922.00	T13006	0.370	4.0	21	3300	240	95	6
922.00	923.00	T13007	0.348	3.0	24	2800	340	200	8
923.00	924.00	T13008	0.557	3.0	38	745	380	80	8
924.00	925.00	T13009	0.840	4.5	32	2800	540	80	13
925.00	926.00	T13010	0.082	-0.5	10	555	85	55	3
926.00	927.00	T13011	0.135	1.0	5	360	135	25	2
927.00	928.00	T13012	0.867	2.5	17	1400	130	890	8
928.00	929.00	T13013	1.261	4.0	18	1450	2200	150	13
929.00	930.00	T13014	0.399	3.0	20	1000	4650	9550	5
930.00	931.00	T13015	0.274	-2.0	21	1700	9000	1600	4
931.00	932.00	T13016	0.283	-2.0	19	1475	14400	875	3
932.00	933.00	T13017	1.810	6.0	25	2550	9900	1375	32
933.00	934.15	T13018	0.828	4.5	24	1550	1500	125	9
934.15	935.00	T13019	0.071	-0.5	14	40	50	40	1

066

517067

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049B (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
935.00	936.00	T13021	0.091	-0.5	3	25	10	35	-1
936.00	937.00	T13022	0.083	-0.5	8	40	10	50	-1
937.00	938.00	T13023	0.099	-0.5	15	10	5	40	3
938.00	938.70	T13024	0.061	-0.5	15	25	20	30	-1
938.70	940.00	T13025	0.381	5.0	15	440	200	45	5
940.00	941.00	T13026	1.398	1.5	16	2550	345	105	6
941.00	942.00	T13027	0.829	2.0	20	2450	325	55	11
942.00	943.00	T13028	0.674	-0.5	7	4650	130	60	5
943.00	944.00	T13029	0.133	-0.5	8	100	10	30	5
944.00	945.00	T13030	0.630	-0.5	22	1550	55	30	6
945.00	946.00	T13031	0.320	-0.5	21	1700	40	30	6
946.00	947.00	T13032	0.296	-0.5	14	500	10	20	3
947.00	948.00	T13033	0.191	-0.5	4	1750	90	40	2
948.00	949.20	T13034	0.145	-0.5	19	145	25	30	3
949.20	950.60	T13035	0.067	-0.5	8	40	-5	35	1

097

517068

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP049B (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	820.00					
820.00	821.00			27.00		
821.00	822.00			0.00		
822.00	823.00			0.00		
823.00	824.00			24.00		
824.00	825.00			0.00		
825.00	826.00			13.00		
826.00	827.00			0.00		
827.00	828.00			0.00		
828.00	829.00			20.00		
829.00	830.00			10.00		
830.00	831.00			38.00		
831.00	832.00			61.00		
832.00	833.00			26.00		
833.00	834.00			0.00		
834.00	835.00			20.00		
835.00	836.00			13.00		
836.00	837.00			23.00		
837.00	838.00			31.00		
838.00	839.00			32.00		
839.00	840.00			64.00		
840.00	841.00			11.00		
841.00	842.00			11.00		
842.00	843.00			15.00		
843.00	844.00			53.00		
844.00	845.00			39.00		
845.00	846.00			54.00		
846.00	847.00			60.00		
847.00	848.00			40.00		
848.00	849.00			28.00		
849.00	850.00			65.00		
850.00	851.00			65.00		
851.00	852.00			31.00		
852.00	853.00			49.00		
853.00	854.00			75.00		
854.00	855.00			72.00		
855.00	856.00			67.00		
856.00	857.00			46.00		
857.00	858.00			29.00		
858.00	859.00			34.00		
859.00	860.00			54.00		
860.00	861.00			29.00		

051069

RGC Exploration PTY LTD
E.L. 966, HEN[redacted]ROJECT
SURFACE DIAMOND DRILLHOLE : [redacted]049B (CONTINUED)

069

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
861.00	862.00			40.00		
862.00	863.00			46.00		
863.00	864.00			60.00		
864.00	865.00			46.00		
865.00	866.00			34.00		
866.00	867.00			53.00		
867.00	868.00			67.00		
868.00	869.00			29.00		
869.00	870.00			43.00		
870.00	871.00			50.00		
871.00	872.00			8.00		
872.00	873.00			12.00		
873.00	874.00			13.00		
874.00	875.00			0.00		
875.00	876.00			34.00		
876.00	877.00			55.00		
877.00	878.00			23.00		
878.00	879.00			56.00		
879.00	880.00			0.00		
880.00	881.00			0.00		
881.00	882.00			0.00		
882.00	883.00			0.00		
883.00	884.00			46.00		
884.00	885.00			25.00		
885.00	886.00			17.00		
886.00	887.00			0.00		
887.00	888.00			26.00		
888.00	889.00			44.00		
889.00	890.00			0.00		
890.00	891.00			0.00		
891.00	892.00			25.00		
892.00	893.00			0.00		
893.00	894.00			0.00		
894.00	895.00			52.00		
895.00	896.00			12.00		
896.00	897.00			16.00		
897.00	898.00			18.00		
898.00	899.00			80.00		
899.00	900.00			27.00		
900.00	901.00			11.00		
901.00	902.00			52.00		
902.00	903.00			80.00		

517070

RGC Exploration PTY LTD
E.L. 966, HENT[illegible] PROJECT
SURFACE DIAMOND DRILLHOLE : HP049B (CONTINUED)

070

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
903.00	904.00			80.00		
904.00	905.00			100.00		
905.00	906.00			100.00		
906.00	907.00			72.00		
907.00	908.00			100.00		
908.00	909.00			82.00		
909.00	910.00			35.00		
910.00	911.00			80.00		
911.00	912.00			80.00		
912.00	913.00			68.00		
913.00	914.00			90.00		
914.00	915.00			100.00		
915.00	916.00			72.00		
916.00	917.00			74.00		
917.00	918.00			62.00		
918.00	919.00			69.00		
919.00	920.00			75.00		
920.00	921.00			90.00		
921.00	922.00			95.00		
922.00	923.00			48.00		
923.00	924.00			100.00		
924.00	925.00			95.00		
925.00	926.00			82.00		
926.00	927.00			80.00		
927.00	928.00			89.00		
928.00	929.00			85.00		
929.00	930.00			95.00		
930.00	931.00			100.00		
931.00	932.00			84.00		
932.00	933.00			86.00		
933.00	934.00			90.00		
934.00	935.00			77.00		
935.00	936.00			55.00		
936.00	937.00			100.00		
937.00	938.00			88.00		
938.00	939.00			78.00		
939.00	940.00			62.00		
940.00	941.00			84.00		
941.00	942.00			81.00		
942.00	943.00			92.00		
943.00	944.00			76.00		
944.00	945.00			100.00		

517071

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : H[illegible]9B (CONTINUED)

071

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
945.00	946.00			82.00		
946.00	947.00			81.00		
947.00	948.00			100.00		
948.00	949.00			100.00		
949.00	950.00			75.00		
950.00	951.00			100.00		
951.00	952.00			100.00		
952.00	953.00			97.00		
953.00	954.00			100.00		
954.00	955.00			100.00		
955.00	956.00			100.00		
956.00	957.00			100.00		
957.00	958.00			97.00		
958.00	959.00			80.00		
959.00	960.00			100.00		
960.00	961.00			87.00		
961.00	962.00			68.00		
962.00	963.00			90.00		

517072

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

UNDERGROUND DIAMOND DRILLHOLE : HP050

PROJECT IDEN : 5510 START DATE : 8 FEB 89 COMPLETION DATE : 22 FEB 89 LOGGED BY:RHP
COLLAR NORTHING: 63927.00 COLLAR EASTING : 80272.00 COLLAR ELEVATION: 2582.30 GRID AZIMUTH : 0.00
DRILLED BY :JP TOTAL LENGTH : 162.00 CORE/HOLE SIZE : HQNQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		2.50	1.50	63927.00	80272.00	2582.30
001	12.00		0.00	2.25			
002	86.00		6.00	1.00			
003	160.00		13.50	0.00			

R HED HOLE PURPOSE:Decline cover hole 2. To drill ahead of decline
R HED path from cuddy #1 at 100m down the decline.
R HED HOLE SIZE:0-1.5 HQ, 1.5-EOH TT56.
R HED HOLE CONDITION:All rods removed. Stem pipe (1.5m) and gate
R HED valve.

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	16.20			VERY FINE GRAINED(SHALEY) EPICLASTIC: grey. 13.90 - 14.00: 100% FUG ZONE: fault: 10. 14.10 - 15.30: 100% VERY FINE GRAINED(SHALEY) EPICLASTIC: bedding: 11. 15.30 - 16.20: 60% VERY FINE GRAINED(SHALEY) EPICLASTIC: bedding: 30.	TYNDALL VOLCANICS
	16.20	32.10			COARSE-GRAINED(PEBBLY) EPICLASTIC: grey-pink, quartz porphyry fragments, upper contact: 30, lower contact: 37.	TYNDALL VOLCANICS
R	16.20	32.10			Joints at one/metre. 22.60 - 22.70: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: joint set: 15. 24.20 - 24.30: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: joint set: 15. 26.20 - 26.30: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: joint set: 13.	
	32.10	45.50			VERY FINE GRAINED(SHALEY) EPICLASTIC: calcite vein/s.	TYNDALL VOLCANICS
R	32.10	45.50			Mixture of silt and shale. 34.80 - 34.90: 100% VERY FINE GRAINED(SHALEY) EPICLASTIC: bedding: 13.	
R	35.70	43.80			Joints 1 per metre. 35.70 - 43.80: 100% VERY FINE GRAINED(SHALEY) EPICLASTIC: joint set: 43, joint set: 40.	

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51703

RGC Exploration PTY LTD
S.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP050 (CONTINUED)

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	45.50	61.80			MEDIUM GRAINED(SANDY) EPICLASTIC.	TYNDALL VOLCANICS
R	45.50	53.20			Vuggy quartz joints at 3 per metre. 45.50 - 46.10: 100% MEDIUM GRAINED(SANDY) EPICLASTIC: joint set: 10. 45.50 - 53.20: 100% MEDIUM GRAINED(SANDY) EPICLASTIC: vuggy quartz vein/s: 85. 48.20 - 48.25: PUG ZONE: seam: 60. 51.80 - 54.00: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC.	
	61.80	72.20			COARSE-GRAINED(PEBBLY) EPICLASTIC: patches of weak silica-pyrite alteration, joint set: 34, joint set: 40.	TYNDALL VOLCANICS
R	61.80	72.20			Minor joining and breaking along bedding. 63.70 - 63.80: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: bedding: 25. 65.10 - 66.30: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: moderately broken core, lower contact: 69, minor batchelorite.	
R	66.20	66.30			Minor fault.	
	72.20	72.30			FAULT: BROKEN GROUND WITH PUG: fault: 26.	
R	72.20	72.30			Slicken sides on fault surface. 15 deg dip on fault surface.	
	72.30	89.20			BLOCKY EPICLASTIC: quartz porphyry fragments.	TYNDALL VOLCANICS
R	72.30	79.50			Limonite on lower angle joint (j1) -j1- spacing 1 metre. 72.30 - 79.50: 100% BLOCKY EPICLASTIC: joint set: 23. 78.20 - 78.50: 100% BLOCKY EPICLASTIC: joint 1: 30, joint 2: 49.	
R	79.50	82.30			Joints j1,j3 and j4 limonitic, j2 clean. 79.50 - 82.30: 100% BLOCKY EPICLASTIC: strongly broken core, and limonitic, joint 1: 36, joint 2: 48. 79.50 - 82.30: 100% BLOCKY EPICLASTIC: strongly broken core, and limonitic, joint 3: 0, joint 4: 90.	
	89.20	100.00			COARSE-GRAINED(PEBBLY) EPICLASTIC: quartz porphyry fragments, weak silica alteration, minor disseminations of pyrite.	TYNDALL VOLCANICS
R	89.20	100.00			Clean joints at 20,55,70,90 degrees - spaced 5 metres. 89.20 - 89.40: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: strongly broken core, with minor pug zones, fault: 35. 90.90 - 91.10: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: very strongly broken core, with minor pug zones, fault: 30. 92.30 - 92.60: 60% VERY FINE GRAINED(SHALEY) EPICLASTIC: bedding: 35.	
	100.00	101.60			FINE GRAINED(SILTY) EPICLASTIC: upper contact: 25.	TYNDALL VOLCANICS

5170474

RGC Exploration PTY LTD
E.L. 866, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP050 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	101.60	138.10			BLOCKY EPICLASTIC: quartz porphyry fragments, hematitic fragments.	TYNDALL VOLCANICS
R	104.80	108.70			Must be at least 4 joints [all with limonite] :if j1 is	
R	104.80	108.70			shallow ie 10 deg dip along decline then must also be a 50 deg	
R	104.80	108.70			dipping joint [j3] and two steep joints :j2 at 35 deg to	
R	104.80	108.70			decline and j4 90 deg to decline.	
					104.80 - 108.70: 100% BLOCKY EPICLASTIC: very strongly broken core, and limonitic, joint 1: 10, joint 2: 5.	
					104.80 - 108.70: 100% BLOCKY EPICLASTIC: very strongly broken core, and limonitic, joint 2: 35, joint 4: 84.	
					104.80 - 108.70: 100% BLOCKY EPICLASTIC: very strongly broken core, and limonitic, joint 3: 55, joint 3: 50.	
					104.80 - 108.70: 100% BLOCKY EPICLASTIC: very strongly broken core, and limonitic, joint 4: 90.	
					108.40 - 108.60: 100% MAJOR QUARTZ VEIN: vuggy quartz vein/s.	
R	108.70	112.80			Possibly drilling parallel to shallow dipping joint.	
					108.70 - 112.80: 100% BLOCKY EPICLASTIC: weakly broken core, and limonitic, joint: 35, joint: 55.	
					108.70 - 112.80: 100% BLOCKY EPICLASTIC: weakly broken core, and limonitic, joint: 80.	
R	112.80	127.00			Same joint sets @ 55,40,73 as above - minor limonite staining.	
R	127.00	134.10			No limonite on joints.	
					127.00 - 134.10: 100% BLOCKY EPICLASTIC: joint: 40, joint: 80.	
					128.50 - 129.00: 100% VERY FINE GRAINED(SHALEY) EPICLASTIC: bedding: 21.	
R	134.10	138.10			Rough new joint with very minor limonite and some quartz -	
R	134.10	138.10			spaced 30cm.	
					134.10 - 138.10: 100% BLOCKY EPICLASTIC: very weakly broken core, and limonitic, weak silica alteration, joint set: 76.	
	138.10	162.00			COARSE-GRAINED(PEBBLY) EPICLASTIC.	TYNDALL VOLCANICS
					142.80 - 142.90: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: bedding: 28.	
					150.30 - 151.10: 100% FINE GRAINED(SILTY) EPICLASTIC: foliation: 28, 2.5% disseminations of pyrite.	
					153.50 - 162.00: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: patches of moderate to strong silica alteration, joint set: 60, 1% disseminations of pyrite.	

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP050 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	1.00			82.00		
1.00	2.00			80.00		
2.00	3.00			100.00		
3.00	4.00			100.00		
4.00	5.00			92.00		
5.00	6.00			76.00		
6.00	7.00			88.00		
7.00	8.00			88.00		
8.00	9.00			92.00		
9.00	10.00			79.00		
10.00	11.00			86.00		
11.00	12.00			50.00		
12.00	13.00			89.00		
13.00	14.00			63.00		
14.00	15.00			55.00		
15.00	16.00			80.00		
16.00	17.00			85.00		
17.00	18.00			90.00		
18.00	19.00			100.00		
19.00	20.00			90.00		
20.00	21.00			82.00		
21.00	22.00			87.00		
22.00	23.00			88.00		
23.00	24.00			88.00		
24.00	25.00			92.00		
25.00	26.00			73.00		
26.00	27.00			62.00		
27.00	28.00			70.00		
28.00	29.00			84.00		
29.00	30.00			100.00		
30.00	31.00			95.00		
31.00	32.00			100.00		
32.00	33.00			21.00		
33.00	34.00			55.00		
34.00	35.00			59.00		
35.00	36.00			34.00		
36.00	37.00			70.00		
37.00	38.00			80.00		
38.00	39.00			83.00		
39.00	40.00			80.00		
40.00	41.00			92.00		
41.00	42.00			92.00		

075
51276

RGC Exploration PTY LTD
E.L. 966, [redacted]TY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP050 (CONTINUED)

076

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
42.00	43.00			84.00		
43.00	44.00			80.00		
44.00	45.00			79.00		
45.00	46.00			56.00		
46.00	47.00			69.00		
47.00	48.00			82.00		
48.00	49.00			63.00		
49.00	50.00			93.00		
50.00	51.00			72.00		
51.00	52.00			81.00		
52.00	53.00			96.00		
53.00	54.00			100.00		
54.00	55.00			100.00		
55.00	56.00			88.00		
56.00	57.00			100.00		
57.00	58.00			100.00		
58.00	59.00			94.00		
59.00	60.00			100.00		
60.00	61.00			90.00		
61.00	62.00			100.00		
62.00	63.00			96.00		
63.00	64.00			91.00		
64.00	65.00			90.00		
65.00	66.00			22.00		
66.00	67.00			49.00		
67.00	68.00			92.00		
68.00	69.00			71.00		
69.00	70.00			58.00		
70.00	71.00			93.00		
71.00	72.00			45.00		
72.00	73.00			25.00		
73.00	74.00			70.00		
74.00	75.00			84.00		
75.00	76.00			70.00		
76.00	77.00			85.00		
77.00	78.00			92.00		
78.00	79.00			61.00		
79.00	80.00			63.00		
80.00	81.00			58.00		
81.00	82.00			52.00		
82.00	83.00			68.00		
83.00	84.00			78.00		

517077

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP050 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
84.00	85.00			90.00		
85.00	86.00			74.00		
86.00	87.00			97.00		
87.00	88.00			100.00		
88.00	89.00			73.00		
89.00	90.00			57.00		
90.00	91.00			58.00		
91.00	92.00			51.00		
92.00	93.00			85.00		
93.00	94.00			80.00		
94.00	95.00			63.00		
95.00	96.00			95.00		
96.00	97.00			88.00		
97.00	98.00			61.00		
98.00	99.00			100.00		
99.00	100.00			91.00		
100.00	101.00			82.00		
101.00	102.00			61.00		
102.00	103.00			72.00		
103.00	104.00			90.00		
104.00	105.00			68.00		
105.00	106.00			30.00		
106.00	107.00			40.00		
107.00	108.00			64.00		
108.00	109.00			60.00		
109.00	110.00			57.00		
110.00	111.00			77.00		
111.00	112.00			80.00		
112.00	113.00			80.00		
113.00	114.00			90.00		
114.00	115.00			59.00		
115.00	116.00			52.00		
116.00	117.00			60.00		
117.00	118.00			93.00		
118.00	119.00			100.00		
119.00	120.00			87.00		
120.00	121.00			84.00		
121.00	122.00			58.00		
122.00	123.00			90.00		
123.00	124.00			94.00		
124.00	125.00			73.00		
125.00	126.00			53.00		

077

517078

RGC Exploration PTY LTD
E.L. 966, [illegible]TY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP050 (CONTINUED)

070

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
126.00	127.00			90.00		
127.00	128.00			76.00		
128.00	129.00			98.00		
129.00	130.00			100.00		
130.00	131.00			84.00		
131.00	132.00			95.00		
132.00	133.00			100.00		
133.00	134.00			95.00		
134.00	135.00			70.00		
135.00	136.00			64.00		
136.00	137.00			100.00		
137.00	138.00			64.00		
138.00	139.00			64.00		
139.00	140.00			62.00		
140.00	141.00			100.00		
141.00	142.00			100.00		
142.00	143.00			89.00		
143.00	144.00			80.00		
144.00	145.00			80.00		
145.00	146.00			100.00		
146.00	147.00			75.00		
147.00	148.00			97.00		
148.00	149.00			100.00		
149.00	150.00			75.00		
150.00	151.00			67.00		
151.00	152.00			100.00		
152.00	153.00			78.00		
153.00	154.00			83.00		
154.00	155.00			100.00		
155.00	156.00			89.00		
156.00	157.00			90.00		
157.00	158.00			81.00		
158.00	159.00			100.00		
159.00	160.00			95.00		
160.00	161.00			84.00		
161.00	162.00			80.00		

517079

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

SURFACE DIAMOND DRILLHOLE : HP051

PROJECT IDEN : 5510 | START DATE : 10 FEB 89 | COMPLETION DATE : 23 FEB 89 | LOGGED BY:RHR
COLLAR NORTHING: 64408.40 | COLLAR EASTING : 80160.20 | COLLAR ELEVATION: 2607.00 | GRID AZIMUTH : 0.00
DRILLED BY :LY | TOTAL LENGTH : 151.50 | CORE/HOLE SIZE : PQHQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		96.00	-55.25	64408.40	80160.20	2607.00
001	26.00		93.50	-55.75			
002	42.00		96.50	-54.50			
003	48.00		96.50	-54.75			
004	69.00		96.50	-53.25			
005	84.00		95.50	-53.50			
006	99.00		95.50	-54.00			
007	114.00		97.50	-54.00			
008	129.00		96.00	-53.75			
009	150.00		94.50	-53.00			

R HED HOLE PURPOSE:Test for gold mineralisation in close-spaced drill
R HED pattern on section 64400N at 2500RL.
R HED HOLE SIZE:0-35.8 PQ, 35.8-EOH HQ.
R HED HOLE CONDITION:All rods removed. 25/2/89: Hole making
R HED water,strong flow. 20/7/89: Water flow has stopped.

From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
0.00	31.10			HANGING WALL:WEATHERED: moderate to strongly broken core, and limonitic.	CENTRAL VOLCANICS
31.10	68.80			MIXED FELSIC AND MAFIC VOLCANICS: strongly foliated, foliation: 65, quartz carbonate vein/s.	CENTRAL VOLCANICS
68.80	72.50			HANGING WALL: STRONGLY BROKEN: moderate to strongly broken core, with minor pug zones. 68.80 - 70.30: 100% HANGING WALL: STRONGLY BROKEN: patches of moderate silica-sericite-pyrite alteration.	CENTRAL VOLCANICS
72.50	87.30			HANGING WALL: SHEARED: bleached, very strongly broken core, with prominent pug zones, foliation: 62. 83.00 - 87.30: 100% HANGING WALL: SHEARED: kink fold/s.	CENTRAL VOLCANICS
87.30	99.00			MYLONITE AND PUG. 90.30 - 91.00: BLACK SHALE: kink fold/s, upper contact: 31. 97.80 - 98.40: 100% MYLONITE AND PUG: mineralised,	HENTY FAULT ZONE

517080

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP051 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
					quartz-pyrite mineralisation, 5% of pyrite.	
	99.00	126.20			LAVAS AND VOLCANICLASTICS: pinkish grey, quartz phyric. 99.00 - 109.80: 100% LAVAS AND VOLCANICLASTICS: grey, moderate to strong silica alteration.	TYNDALL VOLCANICS
R	109.80	117.50			Strong shearing - sinistral shear features. 109.80 - 117.50: 100% LAVAS AND VOLCANICLASTICS: pink-green, very strongly foliated, kink fold/s, strong silica-sericite alteration, foliation: 22.	
R	117.50	117.70			Small fold in which folds both pyrite and CO3 alteration. 117.50 - 126.20: 100% LAVAS AND VOLCANICLASTICS: moderate to strongly foliated, weak to moderate silica-sericite-pyrite alt. with co3, foliation: 26.	
	126.20	128.20			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strong silica alteration with co3, foliation: 45, upper contact: 43.	
	128.20	130.20			INTENSE QUARTZ MINERALISATION: white, silica veined, massive quartz mineralisation, minor visible gold, 2.5% veinlets of pyrite, 1% veinlets of chalcopyrite, 1% veinlets of galena.	
R	128.20	130.20			Patches of massive white quartz with coarse - grained	
R	128.20	130.20			sulphides and occassional gold grains.	
	130.20	131.50			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: pink-green, strong quartz-sericite alteration, foliation: 32.	
	131.50	134.00			QUARTZ-SULPHIDE MINERALISATION: grey, very strong silica-sericite-pyrite alteration, quartz-base metal mineralisation, 2.5% lenses of pyrite mineralisation.	
	134.00	151.50			QUARTZ-PHYRIC RICH VOLCANICLASTICS: pink. 134.00 - 141.30: 100% QUARTZ-PHYRIC RICH VOLCANICLASTICS: moderate to strong silica-sericite alteration, foliation: 45. 141.30 - 148.50: 100% QUARTZ-PHYRIC RICH VOLCANICLASTICS: patches of weak to moderate silica-sericite-pyrite alteration, foliation: 56. 148.50 - 151.50: 100% QUARTZ-PHYRIC RICH VOLCANICLASTICS: silica veined, strong silica alteration.	TYNDALL VOLCANICS

080

5170081

RGC Exploration PTY LTD
E.L. 966, HAMILTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP051 (CONTINUED)

081

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
107.00	108.00	T12825	-0.010	-0.5	11	5	15	260	3
108.00	109.00	T12826	-0.010	-0.5	9	5	15	230	3
109.00	110.00	T12827	-0.010	-0.5	6	5	15	55	5
110.00	111.00	T12828	-0.010	-0.5	20	240	10	40	9
111.00	112.00	T12829	0.220	9.0	14	145	10	40	10
112.00	113.00	T12830	0.010	0.5	20	70	5	45	5
113.00	114.00	T12831	-0.010	-0.5	15	35	-5	70	4
114.00	115.00	T12832	-0.010	-0.5	11	25	-5	55	4
115.00	116.00	T12833	-0.010	-0.5	17	15	-5	45	3
116.00	117.00	T12834	-0.010	1.0	17	25	5	55	2
117.00	118.00	T12835	-0.010	1.0	24	40	-5	50	2
118.00	119.00	T12836	-0.010	1.0	22	20	5	40	3
119.00	120.00	T12837	0.010	2.0	22	10	25	110	2
120.00	121.00	T12838	-0.010	-0.5	16	5	20	100	2
121.00	122.00	T12839	-0.010	-0.5	14	5	5	50	-1
122.00	123.00	T12840	-0.010	-0.5	13	5	5	55	-1
123.00	124.00	T12841	-0.010	-0.5	9	10	-5	60	-1
124.00	125.00	T12842	-0.010	-0.5	13	5	-5	45	-1
125.00	126.00	T12843	-0.010	-0.5	12	-5	10	40	4
126.00	127.00	T12844	-0.010	-0.5	14	-5	5	35	-1
127.00	128.00	T12846	0.130	-0.5	7	45	-5	65	1
128.00	129.00	T12847	175.460	140.0	17	3000	3900	195	150
129.00	130.00	T12848	40.000	36.0	29	3925	1725	365	44
130.00	131.00	T12849	1.370	4.5	10	140	500	30	3
131.00	132.00	T12850	0.300	8.0	32	1925	2400	70	10
132.00	133.00	T12851	0.420	9.0	87	480	625	115	18
133.00	134.00	T12852	0.120	3.0	75	250	130	165	17
134.00	135.00	T12853	0.010	-0.5	26	50	15	55	3
135.00	136.00	T12854	-0.010	-0.5	11	10	30	110	5
136.00	137.00	T12855	-0.010	-0.5	11	15	60	385	3
137.00	138.00	T12856	-0.010	-0.5	13	5	45	100	1
138.00	139.00	T12857	-0.010	-0.5	7	-5	15	55	-1

517082

RGC Exploration PTY LTD
E.L. 966, HEN[redacted] PROJECT
SURFACE DIAMOND DRILLHOLE : [redacted]P051 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	69.00			0.00		
69.00	70.00			74.00		
70.00	71.00			26.00		
71.00	72.00			28.00		
72.00	73.00			14.00		
73.00	74.00			0.00		
74.00	75.00			0.00		
75.00	76.00			29.00		
76.00	77.00			30.00		
77.00	78.00			0.00		
78.00	79.00			50.00		
79.00	80.00			19.00		
80.00	81.00			23.00		
81.00	82.00			28.00		
82.00	83.00			0.00		
83.00	84.00			27.00		
84.00	85.00			26.00		
85.00	86.00			0.00		
86.00	87.00			32.00		
87.00	88.00			21.00		
88.00	89.00			0.00		
89.00	90.00			10.00		
90.00	91.00			13.00		
91.00	92.00			0.00		
92.00	93.00			11.00		
93.00	94.00			0.00		
94.00	95.00			0.00		
95.00	96.00			0.00		
96.00	97.00			0.00		
97.00	98.00			0.00		
98.00	99.00			13.00		
99.00	100.00			92.00		
100.00	101.00			87.00		
101.00	102.00			90.00		
102.00	103.00			84.00		
103.00	104.00			70.00		
104.00	105.00			93.00		
105.00	106.00			100.00		
106.00	107.00			69.00		
107.00	108.00			80.00		
108.00	109.00			76.00		
109.00	110.00			100.00		

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5170083

RGC Exploration PTY LTD
E.L. 966, HE[illegible] PROJECT
SURFACE DIAMOND DRILLHOLE : HP051 (CONTINUED)

033

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
110.00	111.00			100.00		
111.00	112.00			89.00		
112.00	113.00			63.00		
113.00	114.00			52.00		
114.00	115.00			100.00		
115.00	116.00			98.00		
116.00	117.00			92.00		
117.00	118.00			86.00		
118.00	119.00			62.00		
119.00	120.00			55.00		
120.00	121.00			85.00		
121.00	122.00			59.00		
122.00	123.00			94.00		
123.00	124.00			92.00		
124.00	125.00			88.00		
125.00	126.00			43.00		
126.00	127.00			84.00		
127.00	128.00			90.00		
128.00	129.00			100.00		
129.00	130.00			95.00		
130.00	131.00			100.00		
131.00	132.00			20.00		
132.00	133.00			70.00		
133.00	134.00			72.00		
134.00	135.00			100.00		
135.00	136.00			79.00		
136.00	137.00			67.00		
137.00	138.00			93.00		
138.00	139.00			97.00		
139.00	140.00			84.00		
140.00	141.00			70.00		
141.00	142.00			80.00		
142.00	143.00			82.00		
143.00	144.00			96.00		
144.00	145.00			87.00		
145.00	146.00			72.00		
146.00	147.00			100.00		
147.00	148.00			96.00		
148.00	149.00			93.00		
149.00	150.00			89.00		
150.00	151.00			89.00		

517084

INTERNATIONAL GEOSYSTEMS CORPORATION

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

SURFACE DIAMOND DRILLHOLE : HP052

PROJECT IDEN : 5510 | START DATE : 9 MAR 89 | COMPLETION DATE : 16 MAR 89 | LOGGED BY:RHR
COLLAR NORTHING: 64471.70 | COLLAR EASTING : 80176.30 | COLLAR ELEVATION: 2608.90 | GRID AZIMUTH : 0.00
DRILLED BY :LY | TOTAL LENGTH : 168.00 | CORE/HOLE SIZE : PQHQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		87.50	-57.00	64471.70	80176.30	2608.90
001	8.00		89.50	-57.00			
002	17.00		87.00	-57.00			
003	36.00		86.50	-55.50			
004	54.00		87.00	-55.50			
005	75.00		86.50	-55.50			
006	102.00		85.50	-56.00			
007	111.00		86.00	-55.75			
008	132.00		85.50	-55.00			
009	156.00		85.50	-54.50			
010	168.00		85.75	-54.50			

R HED HOLE PURPOSE:Test for gold mineralisation in close-spaced drill
R HED pattern on section 64475N at 2500RL.
R HED HOLE SIZE:0-29.9 PQ, 29.9-EOH HQ.
R HED HOLE CONDITION:PVC collar pipe. All rods removed. 11/3/89: Hole
R HED making substantial water. 20/7/89: Hole not making water.

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	9.40			HANGING WALL:WEATHERED.	CENTRAL VOLCANICS
	9.40	63.60			MIXED FELSIC AND MAFIC VOLCANICS: strongly foliated, weak to moderately broken core, cleavage: 45.	CENTRAL VOLCANICS
	63.60	97.60			MYLONITE AND PUG: bleached, kink fold/s, quartz vein/s: minor batchelorite.	HENTY FAULT ZONE
R	63.60	97.60			Mylonitic foliation appears to get dragged sub - parallel to	
R	63.60	97.60			core axis as go into fault zone. 63.60 - 78.50: 100% MYLONITE AND PUG: completely foliated, foliation: 40. 78.50 - 97.60: 100% MYLONITE AND PUG: sheared, kink fold/s, intensely broken core, with prominent pug zones, shear: 30, shear: 15.	
	97.60	103.10			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: very strongly broken core, with prominent pug zones, strong quartz-sericite	

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP052 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
					alteration, upper contact: 25, lower contact: 45, minor batchelorite, 1% veinlets of pyrite. 102.30 - 102.30: 100% PUG ZONE: contact: 41.	
	103.10	124.60			LAVAS AND VOLCANICLASTICS: sheared, kink fold/s, moderate silica-sericite alteration, shear: 25, 0.1% disseminations of pyrite. 113.10 - 113.50: 100% LAVAS AND VOLCANICLASTICS: mineralised, lenses of quartz-pyrite mineralisation.	TUNDALL VOLCANICS
	124.60	125.80			QUARTZ-SULPHIDE MINERALISATION: moderate silica-sericite-pyrite alteration, nodules of quartz-pyrite mineralisation.	
	125.80	132.50			UNDIFFERENTIATED ALTERED VOLCANICLASTICS.	
R	125.80	128.70			Sinistral shear fabric. 125.80 - 128.70: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: sheared, weak silica-sericite-pyrite alteration, shear: 25. 128.70 - 130.20: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strong fuschite-sericite alteration +/-co3. 130.20 - 132.50: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderate to strong silica alteration with co3. 132.10 - 132.20: 100% PUG ZONE.	
	132.50	143.50			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, patches of quartz-base metal mineralisation, 1% coarse grained pyrite, 1% veinlets of chalcopyrite, 0.3% veinlets of galena.	
R	134.90	136.20			50% of core is quartz - base metal mineralisation - tending	
R	134.90	136.20			toward intense quartz - style of mineralisation. 134.90 - 136.20: 100% QUARTZ-SULPHIDE MINERALISATION: strong quartz-sericite alteration, 50% quartz-base metal mineralisation. 138.30 - 139.50: 100% QUARTZ-SULPHIDE MINERALISATION: moderate quartz-sericite alteration. 141.60 - 141.61: 100% QUARTZ-SULPHIDE MINERALISATION: single lens of massive pyrite mineralisation.	
	143.50	154.20			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: patches of weak to moderate silica-sericite-pyrite alteration, nodules of quartz-pyrite mineralisation, foliation: 37.	

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP050 (CONTINUED)

Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
154.30	168.30			LAVAS AND VOLCANICLASTICS: quartz phyric, patches of strong silica alteration. 163.80 - 168.30: 100% LAVAS AND VOLCANICLASTICS: moderate to strong silica-sericite alteration.	TYNDALL VOLCANICS

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP052 (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
0.00	97.60								
97.60	99.60	T12858	0.010	0.5	9	10	50	50	2
99.60	101.60	T12859	-0.010	-0.5	6	5	-5	35	-1
101.60	103.10	T12861	0.010	0.5	13	15	45	85	3
103.10	104.00	T12862	-0.010	-0.5	14	20	35	330	-1
104.00	105.00	T12863	-0.010	0.5	14	20	430	145	4
122.60	123.60	T12864	-0.010	0.5	9	10	-5	85	-1
123.60	124.60	T12865	0.010	-0.5	13	20	5	75	1
124.60	125.60	T12866	0.050	2.5	20	235	30	80	3
125.60	126.60	T12867	0.330	5.0	19	10	15	60	4
126.60	127.60	T12868	-0.010	0.5	10	10	5	115	3
127.60	128.60	T12869	-0.010	0.5	16	15	20	85	3
128.60	130.10	T12870	-0.010	1.5	23	820	30	230	-1
130.10	131.60	T12871	0.010	0.5	16	65	35	115	-1
131.60	132.60	T12872	-0.010	0.5	6	35	10	40	-1
132.60	133.90	T12873	0.250	2.5	21	135	75	100	1
133.90	134.90	T12874	0.330	5.0	15	115	445	50	15
134.90	136.20	T12875	7.550	16.0	13	1900	2200	515	13
136.20	137.20	T12876	0.380	7.0	29	75	565	40	14
137.20	138.20	T12877	0.150	3.0	23	220	410	125	6
138.20	139.50	T12878	0.160	3.0	17	1400	350	55	3
139.50	140.50	T12879	0.110	2.5	21	130	230	85	1
140.50	141.50	T12881	0.080	2.0	25	115	110	55	1
141.50	142.50	T12882	0.280	2.5	80	235	90	45	12
142.50	143.50	T12883	0.300	1.5	44	515	120	65	15
143.50	144.50	T12884	0.030	-0.5	12	20	-5	25	-1
144.50	145.50	T12885	-0.010	-0.5	5	35	-5	25	2
145.50	146.50	T12886	-0.010	-0.5	8	30	-5	40	-1
146.50	147.50	T12887	0.170	1.0	41	765	50	85	13
147.50	148.50	T12888	1.610	5.5	33	65	40	30	13
148.50	149.50	T12889	0.100	0.5	18	25	20	35	4
149.50	150.50	T12890	0.220	4.0	31	40	30	45	9
150.50	151.50	T12891	0.010	-0.5	13	210	90	135	5
151.50	152.50	T12892	0.010	-0.5	16	210	100	265	6
152.50	154.50	T12893	0.010	-0.5	16	160	45	145	10
154.50	155.20	T12894	-0.010	-0.5	6	15	5	20	4
155.20	156.20	T12895	-0.010	-0.5	9	5	-5	30	3

087

517088

RGC Exploration [illegible] LTD
E.L. 966, HENTY [illegible]OJECT
SURFACE DIAMOND DRILLHOLE : HP052 (CONTINUED)

080

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	57.00			0.00		
57.00	58.00			90.00		
58.00	59.00			53.00		
59.00	60.00			90.00		
60.00	61.00			66.00		
61.00	62.00			80.00		
62.00	63.00			41.00		
63.00	64.00			74.00		
64.00	65.00			57.00		
65.00	66.00			60.00		
66.00	67.00			56.00		
67.00	68.00			73.00		
68.00	69.00			88.00		
69.00	70.00			68.00		
70.00	71.00			89.00		
71.00	72.00			32.00		
72.00	73.00			35.00		
73.00	74.00			80.00		
74.00	75.00			51.00		
75.00	76.00			46.00		
76.00	77.00			60.00		
77.00	78.00			84.00		
78.00	79.00			56.00		
79.00	80.00			67.00		
80.00	81.00			40.00		
81.00	82.00			93.00		
82.00	83.00			74.00		
83.00	84.00			28.00		
84.00	85.00			30.00		
85.00	86.00			96.00		
86.00	87.00			50.00		
87.00	88.00			56.00		
88.00	89.00			48.00		
89.00	90.00			0.00		
90.00	91.00			16.00		
91.00	92.00			15.00		
92.00	93.00			93.00		
93.00	94.00			95.00		
94.00	95.00			83.00		
95.00	96.00			73.00		
96.00	97.00			31.00		
97.00	98.00			25.00		

5170089

RGC Exploration [redacted] LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP052 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
98.00	99.00			10.00		
99.00	100.00			8.00		
100.00	101.00			19.00		
101.00	102.00			48.00		
102.00	103.00			82.00		
103.00	104.00			81.00		
104.00	105.00			98.00		
105.00	106.00			74.00		
106.00	107.00			76.00		
107.00	108.00			89.00		
108.00	109.00			87.00		
109.00	110.00			97.00		
110.00	111.00			63.00		
111.00	112.00			80.00		
112.00	113.00			98.00		
113.00	114.00			83.00		
114.00	115.00			100.00		
115.00	116.00			87.00		
116.00	117.00			100.00		
117.00	118.00			70.00		
118.00	119.00			96.00		
119.00	120.00			90.00		
120.00	121.00			37.00		
121.00	122.00			70.00		
122.00	123.00			98.00		
123.00	124.00			98.00		
124.00	125.00			100.00		
125.00	126.00			49.00		
126.00	127.00			73.00		
127.00	128.00			100.00		
128.00	129.00			98.00		
129.00	130.00			75.00		
130.00	131.00			86.00		
131.00	132.00			58.00		
132.00	133.00			72.00		
133.00	134.00			53.00		
134.00	135.00			100.00		
135.00	136.00			100.00		
136.00	137.00			100.00		
137.00	138.00			100.00		
138.00	139.00			100.00		
139.00	140.00			100.00		

089

517090

RGC Exploration P[illegible] LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP052 (CONTINUED)

090

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
140.00	141.00			98.00		
141.00	142.00			80.00		
142.00	143.00			100.00		
143.00	144.00			70.00		
144.00	145.00			100.00		
145.00	146.00			72.00		
146.00	147.00			96.00		
147.00	148.00			88.00		
148.00	149.00			68.00		
149.00	150.00			80.00		
150.00	151.00			85.00		
151.00	152.00			51.00		
152.00	153.00			88.00		
153.00	154.00			90.00		
154.00	155.00			100.00		
155.00	156.00			90.00		
156.00	157.00			86.00		
157.00	158.00			61.00		
158.00	159.00			90.00		
159.00	160.00			91.00		
160.00	161.00			82.00		
161.00	162.00			82.00		
162.00	163.00			79.00		
163.00	164.00			76.00		
164.00	165.00			86.00		
165.00	166.00			91.00		
166.00	167.00			70.00		
167.00	168.00			51.00		

517091

RGC Exploration PTY LTD
E.L. 956, HENTY PROJECT

SURFACE DIAMOND DRILLHOLE : HP053

PROJECT IDEN : 5510 START DATE : 12 MAR 89 COMPLETION DATE : 1 APR 89 LOGGED BY:MW
COLLAR NORTHING: 64405.20 COLLAR EASTING : 80135.10 COLLAR ELEVATION: 2603.20 GRID AZIMUTH : 0.00
DRILLED BY :L/Y TOTAL LENGTH : 185.50 CORE/HOLE SIZE : PQHQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		93.50	-55.00	64405.20	80135.10	2603.20
001	6.00		96.00	-55.50			
002	34.00		94.50	-56.25			
003	41.00		95.00	-56.50			
004	47.00		95.50	-56.00			
005	65.00		94.50	-56.00			
006	92.00		93.50	-55.00			
007	107.00		92.50	-55.00			
008	130.00		93.50	-55.00			
009	145.00		94.00	-53.50			
010	181.00		93.50	-51.25			

R HED HOLE PURPOSE:Test for gold mineralisation in close-spaced drill
R HED pattern on section 64400N at 2475RL.
R HED HOLE SIZE:0-41.9 PQ, 41.9-EOH HQ.
R HED HOLE CONDITION:All rods removed. 1/4/89: Hole not making water.

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	51.30			HANGING WALL:WEATHERED: limonitic.	CENTRAL VOLCANICS
	51.30	93.30			MIXED FELSIC AND MAFIC VOLCANICS: patches of hematite alteration, foliation: 45, quartz carbonate vein/s.	CENTRAL VOLCANICS
	93.30	109.10			HANGING WALL: SHEARED: very strongly broken core, with prominent pug zones, quartz carbonate vein/s.	CENTRAL VOLCANICS
	109.10	118.60			MYLONITE AND PUG. 117.20 - 118.60: 100% BLACK SHALE.	HENTY FAULT ZONE
	118.60	129.80			CRUSH ZONE: lower contact: 45.	HENTY FAULT ZONE
R	129.40	129.80			Lower contact of fault zone marked by intense black graphite.	
	129.80	159.00			LAVAS AND VOLCANICLASTICS. 129.80 - 137.70: 100% LAVAS AND VOLCANICLASTICS: pink, moderate silica alteration, moderate to strong k-feldspar alteration.	TYNDALL VOLCANICS

051
51709

092

RGC Exploration PTY LTD
E.L. 906, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP053 (CONTINUED)

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
					137.70 - 152.80: 100% LAVAS AND VOLCANICLASTICS: pink-green, very strong quartz-sericite alteration, shear: 44, 0.3% disseminations of pyrite. 152.80 - 159.00: 100% LAVAS AND VOLCANICLASTICS: strong silica alteration with co3, 1% patches of pyrite. 159.00 - 159.10: 100% LAVAS AND VOLCANICLASTICS: fuschite-sericite alteration +/-co3.	
	159.00	167.60			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 40% quartz-base metal mineralisation. 159.50 - 160.60: 100% INTENSE QUARTZ MINERALISATION: silica veined, strong quartz-sericite alteration, massive quartz mineralisation, 0.1% blebs of chalcopyrite, 0.1% blebs of galena. 162.90 - 163.90: 100% INTENSE QUARTZ MINERALISATION: silica veined, strong quartz-sericite alteration, massive quartz mineralisation, 0.3% blebs of chalcopyrite. 165.10 - 165.60: 100% QUARTZ-SULPHIDE MINERALISATION: 10% patches of pyrite, 2.5% blebs of chalcopyrite, 2.5% blebs of galena, 2.5% blebs of sphalerite.	
R	165.40	165.50			Intense sulphide zone showing grey silver unknown mineral.	
	167.60	185.50			LAVAS AND VOLCANICLASTICS: patches of moderate to strong silica alteration, patches of weak silica-sericite-pyrite alteration. 172.80 - 175.80: 100% LAVAS AND VOLCANICLASTICS: moderate to strong silica-sericite-pyrite alteration.	TYNDALL VOLCANICS

517093

RGC Explor[illegible]ón PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP053 (CONTINUED)

093

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
0.00	154.00								
154.00	155.00	T12958	0.020	-0.5	4	5	20	50	-1
155.00	156.00	T12959	0.025	-0.5	5	5	25	60	-1
156.00	157.00	T12961	-0.008	-0.5	3	10	-5	50	-1
157.00	158.00	T12962	-0.008	-0.5	6	20	50	60	-1
158.00	159.00	T12963	0.090	-0.5	15	30	-5	60	2
159.00	159.50	T12964	11.130	5.0	22	120	105	105	30
159.50	160.50	T12965	0.445	-0.5	4	80	380	35	1
160.50	161.00	T12966	48.670	25.0	29	460	1700	165	66
161.00	162.00	T12967	33.830	57.0	27	250	930	270	37
162.00	163.00	T12968	0.270	3.0	29	125	105	35	7
163.00	164.00	T12969	5.170	11.0	29	770	1500	85	15
164.00	165.00	T12970	0.605	25.0	27	80	100	40	7
165.00	165.60	T12971	3.730	21.0	71	4500	12500	2550	30
165.60	166.60	T12972	0.210	1.0	55	935	385	155	10
166.60	167.60	T12973	1.285	8.0	55	445	295	80	37
167.60	168.60	T12974	0.010	-0.5	10	15	-5	60	-1
168.60	169.60	T12975	0.080	-0.5	8	15	-5	70	3
169.60	170.60	T12976	-0.008	-0.5	7	5	-5	70	-1

5170094

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP053 (CONTINUED)

094

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	90.00			0.00		
90.00	91.00			24.00		
91.00	92.00			100.00		
92.00	93.00			100.00		
93.00	94.00			11.00		
94.00	95.00			54.00		
95.00	96.00			0.00		
96.00	97.00			0.00		
97.00	98.00			0.00		
98.00	99.00			13.00		
99.00	100.00			14.00		
100.00	101.00			11.00		
101.00	102.00			23.00		
102.00	103.00			98.00		
103.00	104.00			0.00		
104.00	105.00			29.00		
105.00	106.00			61.00		
106.00	107.00			44.00		
107.00	108.00			52.00		
108.00	109.00			41.00		
109.00	110.00			37.00		
110.00	111.00			61.00		
111.00	112.00			61.00		
112.00	113.00			62.00		
113.00	114.00			39.00		
114.00	115.00			78.00		
115.00	116.00			55.00		
116.00	117.00			71.00		
117.00	118.00			0.00		
118.00	119.00			0.00		
119.00	120.00			0.00		
120.00	121.00			15.00		
121.00	122.00			12.00		
122.00	123.00			0.00		
123.00	124.00			0.00		
124.00	125.00			0.00		
125.00	126.00			26.00		
126.00	127.00			0.00		
127.00	128.00			11.00		
128.00	129.00			0.00		
129.00	130.00			40.00		
130.00	131.00			60.00		

517095

RGC Explora[illegible]m PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP053 (CONTINUED)

093

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
131.00	132.00			85.00		
132.00	133.00			65.00		
133.00	134.00			92.00		
134.00	135.00			80.00		
135.00	136.00			92.00		
136.00	137.00			81.00		
137.00	138.00			90.00		
138.00	139.00			89.00		
139.00	140.00			87.00		
140.00	141.00			20.00		
141.00	142.00			85.00		
142.00	143.00			84.00		
143.00	144.00			91.00		
144.00	145.00			93.00		
145.00	146.00			79.00		
146.00	147.00			90.00		
147.00	148.00			87.00		
148.00	149.00			100.00		
149.00	150.00			100.00		
150.00	151.00			100.00		
151.00	152.00			93.00		
152.00	153.00			80.00		
153.00	154.00			86.00		
154.00	155.00			100.00		
155.00	156.00			100.00		
156.00	157.00			100.00		
157.00	158.00			100.00		
158.00	159.00			90.00		
159.00	160.00			90.00		
160.00	161.00			90.00		
161.00	162.00			89.00		
162.00	163.00			74.00		
163.00	164.00			68.00		
164.00	165.00			59.00		
165.00	166.00			80.00		
166.00	167.00			74.00		
167.00	168.00			90.00		
168.00	169.00			90.00		
169.00	170.00			97.00		
170.00	171.00			100.00		
171.00	172.00			70.00		
172.00	173.00			89.00		

517096

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP053 (CONTINUED)

096

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
173.00	174.00			92.00		
174.00	175.00			90.00		
175.00	176.00			91.00		
176.00	177.00			79.00		
177.00	178.00			100.00		
178.00	179.00			82.00		
179.00	180.00			65.00		
180.00	181.00			96.00		
181.00	182.00			94.00		
182.00	183.00			50.00		
183.00	184.00			96.00		
184.00	185.00			100.00		

517097

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

097

UNDERGROUND DIAMOND DRILLHOLE : HP054

PROJECT IDEN : 5510 START DATE : 29 MAR 89 COMPLETION DATE : 7 APR 89 LOGGED BY:PHR
COLLAR NORTHING: 64053.00 COLLAR EASTING : 80268.25 COLLAR ELEVATION: 2567.30 GRID AZIMUTH : 0.00
DRILLED BY :JP TOTAL LENGTH : 186.00 CORE/HOLE SIZE : HQNQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		356.00	1.50	64053.00	80268.25	2567.30
001	21.00		356.00	3.00			
002	42.00		356.00	2.25			
003	63.00		356.00	2.00			
004	84.00		356.00	2.00			
005	106.00		356.50	1.75			
006	126.00		357.00	1.50			
007	180.00		0.00	1.50			

R HED HOLE PURPOSE:Decline cover hole 3. Drilled from cuddy #2 (228m)
R HED ahead of the decline to approx 400m down the decline.
R HED HOLE SIZE:0-1.5 HQ, 1.5-EOH TT56.
R HED HOLE CONDITION:Stem pipe (1.5m) and gate valve.

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	6.30			COARSE-GRAINED(PEBBLY) EPICLASTIC.	TYNDALL VOLCANICS
R	0.00	6.30			Quartz crystals on joints.	
	6.30	11.20			VERY FINE GRAINED(SHALEY) EPICLASTIC: bedding: 10, quartz chlorite vein/s.	TYNDALL VOLCANICS
	11.20	36.20			UNDIFFERENTIATED EPICLASTICS: quartz carbonate vein/s.	TYNDALL VOLCANICS
R	11.20	36.20			Predominantly coarse-grained epiclastics with minor	
R	11.30	36.20			medium-grained epiclastics.	
R	19.00	19.10			Circ. angle J1/cv=40, circ. angle J2/cv=130, circ. angle	
R	19.00	19.10			J3/cv=80.	
					19.00 - 19.10: 100% UNDIFFERENTIATED EPICLASTICS: joint 1: 25, joint 2: 40.	
					30.30 - 31.40: 100% MEDIUM GRAINED(SANDY) EPICLASTIC: bedding/cleavage: 10, joint 3: 70.	
	36.20	49.00			COARSE-GRAINED(PEBBLY) EPICLASTIC: joint 1: 20, joint 2: 25.	TYNDALL VOLCANICS
	49.00	52.30			MEDIUM GRAINED(SANDY) EPICLASTIC: joint 1: 15, joint 2: 67.	TYNDALL VOLCANICS
R	49.00	52.30			Quartz crystal growth on J2.	
R	51.60	51.70			Hole making water.	

517098

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP054 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
	52.30	98.60			BLOCKY EPICLASTIC: red. 52.30 - 58.20: 30% FINE GRAINED(SILTY) EPICLASTIC: moderately broken core, along foliation. 71.30 - 72.40: 100% MEDIUM GRAINED(SANDY) EPICLASTIC: moderate to strongly broken core.	TYNDALL VOLCANICS
R	71.70	71.71			Minor pug on small fault. 77.00 - 77.70: 100% BLOCKY EPICLASTIC: joint 1: 23, joint 2: 86. 77.70 - 80.20: 100% MEDIUM GRAINED(SANDY) EPICLASTIC. 87.30 - 92.20: 100% MEDIUM GRAINED(SANDY) EPICLASTIC: bedding: 26. 89.60 - 90.00: 100% MEDIUM GRAINED(SANDY) EPICLASTIC: joint 1: 10, joint 2: 76.	
	98.60	112.80			COARSE-GRAINED(PEBBLY) EPICLASTIC: greenish grey, upper contact: 44.	TYNDALL VOLCANICS
R	98.60	98.80			Circ. angle between fol. to joint = 80 deg. orientated strike	
R	98.60	98.80			limonitic joint=072 amg dip=34 to north possible fault contact.	
R	98.60	104.00			Two dominant joints with limonitic surfaces. 98.60 - 98.80: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: joint 1: 28, foliation: 7.	
R	100.30	100.31			Calculated approx strike =090 amg dip =80 deg. to south of	
R	100.30	100.31			joint. 103.50 - 104.00: COARSE-GRAINED(PEBBLY) EPICLASTIC: joint 1: 57, joint 2: 51.	
R	104.80	105.00			J1 above calculated strike =105 amg dip =42 deg. to north, J2	
R	104.80	105.00			above calculated strike =303 amg dip =75 deg. to north. 104.80 - 105.00: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: joint 1: 28, joint 2: 52.	
	112.80	118.30			UNDIFFERENTIATED EPICLASTICS: upper contact: 20.	TYNDALL VOLCANICS
R	113.50	114.70			Four (4) different joints, (1) subparallel to bedding cleavage	
R	113.50	114.70			at 25 deg. to core axis, (2) is at 90 deg. to core axis	
R	113.50	114.70			sub-vertical, (3) =30-40 deg. to north and strike is 090 amg,	
R	113.50	114.70			(4) = dips approx 080 amg north strike =310 deg..	
R	118.00	118.30			Bed/CLEAVAGE STRIKE 336 amg sub-vertical upper contact is fault	
R	118.00	118.30			with 1-2cm of pug, strike = approx 016 amg and dips 72 deg. to	
R	118.00	118.30			the west.	
	118.30	174.80			COARSE-GRAINED(PEBBLY) EPICLASTIC.	TYNDALL VOLCANICS
R	118.30	137.00			Two joints= one steep, one shallow. Limonitic joint at 132.8M 132.80 - 135.20: 100% MEDIUM GRAINED(SANDY) EPICLASTIC: upper contact: 22, 5% disseminations of pyrite.	

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP054 (CONTINUED)

099

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
R	137.00	137.01			Calc. contact 312 amg sub-vertical - joint with pug.	
R	137.00	163.20			Predominantly jointing along bedding - cleavage direction. 137.00 - 137.01: 100% PUG ZONE: contact: 45, foliation: 35.	
R	163.20	163.21			Pug zone (c.a. 37) amg:323 dip:sub-vertical.	
R	163.20	174.80			Two joints (? three), J1) amg:315 dip:sub-vertical, J2)	
R	163.20	174.80			amg:065 dip:80 south.	
R	163.40	163.40			Pug on joint amg:305,dip:65 with steeply plunging slickensides.	
	174.80	183.30			QUARTZ-PHYRIC RICH VOLCANICLASTICS.	TYNDALL VOLCANICS
R	174.80	183.30			Jointing sub-parallel to cleavage only.	

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RGC Explorati[illegible]TY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP054 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	1.00			48.00		
1.00	2.00			81.00		
2.00	3.00			88.00		
3.00	4.00			53.00		
4.00	5.00			81.00		
5.00	6.00			70.00		
6.00	7.00			30.00		
7.00	8.00			35.00		
8.00	9.00			65.00		
9.00	10.00			100.00		
10.00	11.00			50.00		
11.00	12.00			27.00		
12.00	13.00			100.00		
13.00	14.00			40.00		
14.00	15.00			20.00		
15.00	16.00			40.00		
16.00	17.00			20.00		
17.00	18.00			60.00		
18.00	19.00			76.00		
19.00	20.00			87.00		
20.00	21.00			30.00		
21.00	22.00			58.00		
22.00	23.00			88.00		
23.00	24.00			100.00		
24.00	25.00			69.00		
25.00	26.00			76.00		
26.00	27.00			62.00		
27.00	28.00			30.00		
28.00	29.00			100.00		
29.00	30.00			100.00		
30.00	31.00			53.00		
31.00	32.00			56.00		
32.00	33.00			100.00		
33.00	34.00			90.00		
34.00	35.00			100.00		
35.00	36.00			100.00		
36.00	37.00			100.00		
37.00	38.00			95.00		
38.00	39.00			100.00		
39.00	40.00			59.00		
40.00	41.00			95.00		
41.00	42.00			90.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP054 (CONTINUED)

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ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
42.00	43.00			100.00		
43.00	44.00			100.00		
44.00	45.00			100.00		
45.00	46.00			95.00		
46.00	47.00			65.00		
47.00	48.00			100.00		
48.00	49.00			100.00		
49.00	50.00			93.00		
50.00	51.00			82.00		
51.00	52.00			59.00		
52.00	53.00			43.00		
53.00	54.00			82.00		
54.00	55.00			55.00		
55.00	56.00			64.00		
56.00	57.00			80.00		
57.00	58.00			60.00		
58.00	59.00			37.00		
59.00	60.00			88.00		
60.00	61.00			54.00		
61.00	62.00			30.00		
62.00	63.00			92.00		
63.00	64.00			71.00		
64.00	65.00			100.00		
65.00	66.00			90.00		
66.00	67.00			92.00		
67.00	68.00			98.00		
68.00	69.00			90.00		
69.00	70.00			73.00		
70.00	71.00			100.00		
71.00	72.00			30.00		
72.00	73.00			70.00		
73.00	74.00			100.00		
74.00	75.00			100.00		
75.00	76.00			72.00		
76.00	77.00			70.00		
77.00	78.00			83.00		
78.00	79.00			98.00		
79.00	80.00			100.00		
80.00	81.00			48.00		
81.00	82.00			80.00		
82.00	83.00			100.00		
83.00	84.00			60.00		

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RGC Exploration LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP054 (CONTINUED)

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ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
84.00	85.00			49.00		
85.00	86.00			100.00		
86.00	87.00			100.00		
87.00	88.00			80.00		
88.00	89.00			78.00		
89.00	90.00			55.00		
90.00	91.00			58.00		
91.00	92.00			100.00		
92.00	93.00			88.00		
93.00	94.00			95.00		
94.00	95.00			98.00		
95.00	96.00			79.00		
96.00	97.00			100.00		
97.00	98.00			97.00		
98.00	99.00			93.00		
99.00	100.00			100.00		
100.00	101.00			95.00		
101.00	102.00			84.00		
102.00	103.00			65.00		
103.00	104.00			64.00		
104.00	105.00			25.00		
105.00	106.00			66.00		
106.00	107.00			100.00		
108.00	109.00			100.00		
109.00	110.00			72.00		
110.00	111.00			44.00		
112.00	113.00			50.00		
113.00	114.00			54.00		
114.00	115.00			43.00		
115.00	116.00			55.00		
116.00	117.00			81.00		
117.00	118.00			15.00		
118.00	119.00			30.00		
119.00	120.00			53.00		
120.00	121.00			94.00		
121.00	122.00			91.00		
122.00	123.00			72.00		
123.00	124.00			100.00		
124.00	125.00			100.00		
125.00	126.00			82.00		
126.00	127.00			80.00		
127.00	128.00			90.00		

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RGC Exploration LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP054 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
128.00	129.00			94.00		
129.00	130.00			94.00		
130.00	131.00			85.00		
131.00	132.00			95.00		
132.00	133.00			83.00		
133.00	134.00			74.00		
134.00	135.00			80.00		
135.00	136.00			46.00		
136.00	137.00			100.00		
137.00	138.00			95.00		
138.00	139.00			84.00		
139.00	140.00			95.00		
140.00	141.00			50.00		
141.00	142.00			38.00		
142.00	143.00			100.00		
143.00	144.00			100.00		
144.00	145.00			90.00		
145.00	146.00			82.00		
146.00	147.00			94.00		
147.00	148.00			90.00		
148.00	149.00			84.00		
149.00	150.00			100.00		
150.00	151.00			70.00		
151.00	152.00			64.00		
152.00	153.00			100.00		
153.00	154.00			48.00		
154.00	155.00			49.00		
155.00	156.00			100.00		
156.00	157.00			64.00		
157.00	158.00			90.00		
158.00	159.00			100.00		
159.00	160.00			86.00		
160.00	161.00			100.00		
161.00	162.00			100.00		
162.00	163.00			70.00		
163.00	164.00			77.00		
164.00	165.00			90.00		
165.00	166.00			74.00		
166.00	167.00			96.00		
167.00	168.00			100.00		
168.00	169.00			90.00		
169.00	170.00			95.00		

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E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP054 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
170.00	171.00			95.00		
171.00	172.00			62.00		
172.00	173.00			90.00		
173.00	174.00			100.00		
174.00	175.00			80.00		
175.00	176.00			95.00		
176.00	177.00			78.00		
177.00	178.00			94.00		
178.00	179.00			86.00		
179.00	180.00			94.00		
180.00	181.00			80.00		
181.00	182.00			100.00		
182.00	183.00			93.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

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SURFACE DIAMOND DRILLHOLE : HP055

PROJECT IDEN : 5510 START DATE : 3 APR 89 COMPLETION DATE : 14 APR 89 LOGGED BY:RHR
COLLAR NORTHING: 64427.20 COLLAR EASTING : 80143.10 COLLAR ELEVATION: 2604.10 GRID AZIMUTH : 0.00
DRILLED BY :LY TOTAL LENGTH : 193.00 CORE/HOLE SIZE : PQHQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		91.50	-55.00	64427.20	80143.10	2604.10
001	15.00		92.00	-56.66			
002	30.00		92.00	-57.50			
003	48.00		91.50	-56.33			
004	68.00		91.00	-54.75			
005	88.00		90.00	-53.00			
006	117.00		89.00	-53.50			
007	137.00		90.00	-53.33			
008	158.00		88.50	-51.50			
009	178.00		88.00	-50.50			

R HED HOLE PURPOSE:Test for gold mineralisation in close-spaced drill
R HED pattern on section 64425N at 2475RL.
R HED HOLE SIZE:0-39.3 PQ, 39.3-EOH HQ.
R HED HOLE CONDITION:PVC (2m) collar pipe. All casing and rods
R HED removed. 14/4/89: Hole making water. 20/7/89: Hole still making
R HED water.

From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
0.00	35.80			HANGING WALL:WEATHERED: very strongly broken core, and limonitic, foliation: 30.	CENTRAL VOLCANICS
35.80	94.90			MIXED FELSIC AND MAFIC VOLCANICS: moderately broken core, with minor pug zones, weak carbonate alteration, quartz vein/s. 35.80 - 39.40: 100% HANGING WALL:UNDIFFERENTIATED: strongly broken core, with prominent pug zones. 39.40 - 49.60: 100% PREDOMINANTLY MAFIC VOLCANICS: moderate carbonate-chlorite alteration. 54.40 - 56.70: 100% PREDOMINANTLY MAFIC VOLCANICS: moderate carbonate-chlorite alteration. 66.10 - 70.50: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS. 71.40 - 74.10: 100% PREDOMINANTLY MAFIC VOLCANICS: moderate carbonate-chlorite alteration. 85.90 - 94.90: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
94.90	98.20			HANGING WALL: STRONGLY BROKEN: very strongly broken core, with	CENTRAL VOLCANICS

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HE035 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
					prominent pug zones.	
	98.20	101.70			HANGING WALL: SHEARED: mylonitic, strongly broken core, with prominent pug zones.	CENTRAL VOLCANICS
	101.70	117.70			MYLONITE AND PUG: mylonitic, kink fold/s, very strongly broken core, with prominent pug zones, strong quartz-sericite alteration, foliation: 37.	HENTY FAULT ZONE
R	109.40	109.41			Fuchsite on joint running 45 deg. to core axis is sub-parallel
R	109.40	109.41			to the regional foliation.
					113.80 - 117.70: 100% BLACK SHALE: strongly broken core, along foliation.	
	117.70	127.20			CRUSH ZONE: intensely broken core, with prominent pug zones, lower contact: 47.	HENTY FAULT ZONE
R	127.10	127.20			End of major fault zone marked by grey puggy clay zone.	
	127.20	129.90			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strongly broken core, with prominent pug zones, moderate quartz-sericite alteration, .03% disseminations of pyrite.	
	129.90	133.50			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: weak silica-sericite-pyrite alteration, 0.3% disseminations of pyrite.	
	133.50	138.40			QUARTZ-SULPHIDE MINERALISATION: weak silica-sericite-pyrite alteration, 5% veinlets of quartz-pyrite mineralisation.	
	138.40	158.60			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: sheared, kink fold/s, weak to moderate silica-sericite-pyrite alteration, 0.3% disseminations of pyrite.	
					151.40 - 158.60: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: veinlets of carbonate alteration, 5% nodules of quartz mineralisation.	
	158.60	162.50			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderate to strong silica alteration with co3, patches of weak silica-sericite-pyrite alteration.	
					158.85 - 162.50: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: 20% fuchsite.	
	162.50	164.40			QUARTZ-SULPHIDE MINERALISATION: strong quartz-sericite alteration, 20% quartz-base metal mineralisation, 2.5% veinlets of pyrite, 0.1% blebs of chalcopyrite, 1% blebs of	

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HD055 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
					galena.	
	164.40	166.50			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 10% quartz-pyrite mineralisation, foliation: 50.	
R	165.40	165.70			Upper and lower contacts of massive pyrite band is parallel to	
R	165.40	165.70			the regional cleavage. 165.40 - 165.70: 100% MASSIVE PYRITE: lower contact: 50, upper contact: 50.	
	166.50	168.30			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: weak to moderate silica-sericite-pyrite alteration.	
	168.30	176.30			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strong silica-sericite-pyrite alteration, very weak carbonate alteration, 5% quartz mineralisation.	
	176.30	183.00			LAVAS AND VOLCANICLASTICS: very strong silica alteration, .03% disseminations of pyrite.	TYNDALL VOLCANICS

RGC Exploration PTY LTD
E.L. 966, [illegible]TY PROJECT
SURFACE DIAMOND DRILLHOLE : HP055 (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
0.00	132.50								
132.50	133.50	T13036	0.068	-0.5	9	10	10	45	1
133.50	134.50	T13037	0.078	-0.5	64	25	-5	45	7
134.50	135.50	T13038	0.150	-0.5	19	20	-5	45	2
135.50	136.50	T13039	0.052	-0.5	22	20	-5	30	3
136.50	137.50	T13041	0.078	0.5	21	15	-5	40	-1
137.50	138.50	T13042	0.082	-0.5	19	20	-5	70	1
138.50	139.50	T13043	0.060	0.5	14	15	-5	60	3
139.50	157.20								
157.20	158.20	T13044	0.026	-0.5	4	150	-5	55	1
158.20	159.20	T13045	0.034	-0.5	4	10	-5	45	1
159.20	160.50	T13046	0.025	-0.5	1	20	-5	30	1
160.50	161.50	T13047	0.027	-0.5	2	15	-5	35	3
161.50	162.50	T13048	1.280	2.0	15	360	340	125	6
162.50	163.50	T13049	0.832	4.0	7	475	4625	1875	5
163.50	164.50	T13050	0.556	2.0	20	700	1475	775	6
164.50	165.40	T13051	0.632	5.0	44	875	225	300	6
165.40	165.70	T13052	2.874	120.0	1800	3975	4575	275	29
165.70	166.50	T13053	9.091	6.5	70	620	170	130	37
166.50	167.50	T13054	0.050	0.5	7	20	-5	60	1
167.50	168.50	T13055	0.040	-0.5	6	10	-5	70	2
168.50	169.50	T13056	0.061	-0.5	15	15	-5	40	3
169.50	170.50	T13057	0.080	2.0	20	110	10	50	6
170.50	171.50	T13058	0.075	0.5	21	155	-5	40	2
171.50	172.50	T13059	0.037	-0.5	9	50	-5	90	-1
172.50	173.50	T13061	0.054	-0.5	19	760	5	105	7
173.50	174.50	T13062	0.083	1.0	19	250	-5	75	5
174.50	175.50	T13063	0.046	-0.5	11	340	5	70	3
175.50	176.50	T13064	0.037	-0.5	9	390	-5	110	3
176.50	177.50	T13065	0.032	-0.5	8	130	-5	35	1

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP055 (CONTINUED)

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ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	77.00					
77.00	78.00			20.00		
78.00	79.00			10.00		
79.00	80.00			42.00		
80.00	81.00			45.00		
81.00	82.00			18.00		
82.00	83.00			16.00		
83.00	84.00			0.00		
84.00	85.00			0.00		
85.00	86.00			60.00		
86.00	87.00			17.00		
87.00	88.00			24.00		
88.00	89.00			13.00		
89.00	90.00			0.00		
90.00	91.00			0.00		
91.00	92.00			68.00		
92.00	93.00			25.00		
93.00	94.00			32.00		
94.00	95.00			0.00		
95.00	96.00			0.00		
96.00	97.00			0.00		
97.00	98.00			0.00		
98.00	99.00			0.00		
99.00	100.00			0.00		
100.00	101.00			0.00		
101.00	102.00			13.00		
102.00	103.00			18.00		
103.00	104.00			15.00		
104.00	105.00			22.00		
105.00	106.00			29.00		
106.00	107.00			0.00		
107.00	108.00			12.00		
108.00	109.00			0.00		
109.00	110.00			16.00		
110.00	111.00			0.00		
111.00	112.00			0.00		
112.00	113.00			0.00		
113.00	114.00			14.00		
114.00	115.00			10.00		
115.00	116.00			0.00		
116.00	117.00			0.00		
117.00	118.00			0.00		

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RGC Exploration PTY LTD
E.L. 966, HEAVY PROJECT
SURFACE DIAMOND DRILLHOLE : HP055 (CONTINUED)

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ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
118.00	119.00			0.00		
119.00	120.00			0.00		
120.00	121.00			0.00		
121.00	122.00			0.00		
122.00	123.00			0.00		
123.00	124.00			0.00		
124.00	125.00			0.00		
125.00	126.00			0.00		
126.00	127.00			0.00		
127.00	128.00			0.00		
128.00	129.00			0.00		
129.00	130.00			49.00		
130.00	131.00			49.00		
131.00	132.00			16.00		
132.00	133.00			31.00		
133.00	134.00			38.00		
134.00	135.00			12.00		
135.00	136.00			58.00		
136.00	137.00			0.00		
137.00	138.00			24.00		
138.00	139.00			54.00		
139.00	140.00			14.00		
140.00	141.00			65.00		
141.00	142.00			75.00		
142.00	143.00			67.00		
143.00	144.00			56.00		
144.00	145.00			63.00		
145.00	146.00			66.00		
146.00	147.00			79.00		
147.00	148.00			34.00		
148.00	149.00			72.00		
149.00	150.00			83.00		
150.00	151.00			29.00		
151.00	152.00			38.00		
152.00	153.00			90.00		
153.00	154.00			74.00		
154.00	155.00			64.00		
155.00	156.00			52.00		
156.00	157.00			43.00		
157.00	158.00			10.00		
158.00	159.00			60.00		
159.00	160.00			79.00		

517111

RGC Explorat[illegible] PTY LTD
E.L. 966, HENRY PROJECT
SURFACE DIAMOND DRILLHOLE : HP055 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
160.00	161.00			98.00		
161.00	162.00			36.00		
162.00	163.00			25.00		
163.00	164.00			50.00		
164.00	165.00			48.00		
165.00	166.00			49.00		
166.00	167.00			62.00		
167.00	168.00			48.00		
168.00	169.00			78.00		
169.00	170.00			84.00		
170.00	171.00			82.00		
171.00	172.00			83.00		
172.00	173.00			39.00		
173.00	174.00			43.00		
174.00	175.00			97.00		
175.00	176.00			81.00		
176.00	177.00			53.00		
177.00	178.00			52.00		
178.00	179.00			78.00		
179.00	180.00			61.00		
180.00	181.00			85.00		
181.00	182.00			87.00		
182.00	183.00			100.00		

51/112

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

SURFACE DIAMOND DRILLHOLE : HP056

112

PROJECT IDEN : 5510 START DATE : 15 APR 89 COMPLETION DATE : 25 APR 89 LOGGED BY:BHR
COLLAR NORTHING: 64472.18 COLLAR EASTING : 80157.80 COLLAR ELEVATION: 2606.90 GRID AZIMUTH : 0.00
DRILLED BY :LY TOTAL LENGTH : 136.20 CORE/HOLE SIZE : PQHQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		88.00	-57.00	64472.18	80157.80	2606.90
001	30.00		89.00	-58.00			
002	51.00		88.00	-57.50			
003	72.00		88.00	-56.00			
004	93.00		87.50	-55.00			
005	114.00		87.50	-55.00			
006	135.00		88.50	-55.00			
007	156.00		88.50	-54.25			
008	177.00		88.50	-54.00			

R HED HOLE PURPOSE:Shallow pattern drilling into proposed sill
R HED development. Target; 64475N, 2475RL.
R HED HOLE SIZE:0-21.6 PQ, 21.6-EOH HQ.
R HED HOLE CONDITION:All rods removed. 20/7/89: Hole still making
R HED water.

-	Interval From (m)	- To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	11.60			HANGING WALL:WEATHERED.	CENTRAL VOLCANICS
	11.60	34.40			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: foliation: 30. 25.10 - 34.40: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: strongly broken core, with minor pug zones.	CENTRAL VOLCANICS
	34.40	89.80			MIXED FELSIC AND MAFIC VOLCANICS. 34.40 - 36.90: 100% MIXED FELSIC AND MAFIC VOLCANICS: strongly broken core, with minor pug zones.	CENTRAL VOLCANICS
R	36.90	38.10			Fault contact at 36.9 metres 36.90 - 38.10: 100% MAJOR QUARTZ VEIN. 72.00 - 80.00: 100% MIXED FELSIC AND MAFIC VOLCANICS: moderately foliated, foliation: 45.	
	89.80	101.40			HANGING WALL: SHEARED: bleached, shear: 40.	CENTRAL VOLCANICS
	101.40	129.70			MYLONITE AND PUG.	HENTY FAULT ZONE
	129.70	148.50			LAVAS AND VOLCANICLASTICS.	TYNDALL VOLCANICS

517113

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP056 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
					139.70 - 139.00: 100% LAVAS AND VOLCANICLASTICS: patches of strong silica alteration. 139.00 - 148.50: 100% LAVAS AND VOLCANICLASTICS: patches of weak to moderate silica-sericite-pyrite alteration, veinlets of weak carbonate alteration, foliation: 30.	
	148.50	152.20			QUARTZ-SULPHIDE MINERALISATION: patches of moderate quartz-sericite alteration, patches of moderate silica-sericite-pyrite alteration, 30% quartz-copper mineralisation.	
	152.20	158.20			UNDIFFERENTIATED ALTERED VOLCANICLASTICS. 152.20 - 155.00: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: patches of moderate silica alteration with co3. 155.00 - 158.20: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strong silica alteration with co3, foliation: 30.	
	158.20	161.70			QUARTZ-SULPHIDE MINERALISATION: patches of strong silica-sericite-pyrite alteration, 50% quartz-base metal mineralisation. 158.20 - 159.50: 100% INTENSE QUARTZ MINERALISATION: pervasive strong quartz-sericite alteration, 50% quartz-base metal mineralisation.	
R	160.50	160.51			Nodule of Silica-Hematite	
	161.70	172.80			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: patches of moderate to strong silica-sericite-pyrite alteration, lenses of carbonate alteration.	
R	161.70	172.80			Possible Blocky Volcaniclastic shows through	
R	163.80	165.20			Nodules of Silica-Hematite 163.80 - 165.20: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strong silica-sericite-pyrite alt. with co3, 1% lenses of massive pyrite mineralisation. 172.00 - 172.80: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: patches of carbonate-chlorite alteration.	
	172.80	186.20			LAVAS AND VOLCANICLASTICS: patches of strong silica alteration.	TYNDALL VOLCANICS

51714

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP056 (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
0.00	147.20								
147.20	148.20	T13066	-0.008	-0.5	7	10	-5	55	-1
148.20	149.20	T13067	0.442	14.0	7	80	50	40	10
149.20	150.20	T13068	0.106	1.5	7	450	20	45	9
150.20	151.20	T13069	0.315	6.5	19	2050	95	100	12
151.20	152.20	T13070	0.084	1.5	18	535	25	45	1
152.20	153.20	T13071	-0.008	1.0	8	30	5	50	1
153.20	154.20	T13072	-0.008	0.5	5	20	10	45	-1
154.20	155.20	T13073	-0.008	-0.5	2	15	10	45	-1
155.20	156.20	T13074	-0.008	0.5	3	15	35	60	-1
156.20	157.20	T13075	-0.008	0.5	4	40	45	55	-1
157.20	158.20	T13076	0.111	0.5	13	165	30	60	1
158.20	159.50	T13077	2.632	10.0	13	480	3875	3500	7
159.50	160.50	T13078	0.117	1.5	15	655	260	40	3
160.50	161.70	T13079	0.207	1.5	35	2150	195	50	10
161.70	162.70	T13081	0.129	1.0	26	295	65	35	7
162.70	163.70	T13082	0.117	1.0	15	265	55	40	6
163.70	164.70	T13083	0.172	1.5	47	110	125	55	4
164.70	165.70	T13084	0.079	0.5	19	30	45	55	-1
165.70	166.70	T13085	-0.008	-0.5	10	15	15	35	-1
166.70	167.70	T13086	0.011	-0.5	12	135	20	40	-1
167.70	168.70	T13087	0.059	1.0	18	240	90	60	4
168.70	169.70	T13088	-0.008	0.5	9	130	100	140	-1
169.70	170.70	T13089	0.024	0.5	16	135	50	135	2
170.70	171.70	T13090	-0.008	-0.5	14	55	50	105	2
171.70	172.80	T13091	-0.008	1.0	14	125	175	105	5
172.80	173.80	T13092	-0.008	-0.5	8	360	55	60	1

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517115

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP056 (CONTINUED)

11C

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	88.00					
88.00	89.00			13.00		
89.00	90.00			12.00		
90.00	91.00			0.00		
91.00	92.00			0.00		
92.00	93.00			0.00		
93.00	94.00			14.00		
94.00	95.00			0.00		
95.00	96.00			38.00		
96.00	97.00			0.00		
97.00	98.00			0.00		
98.00	99.00			0.00		
99.00	100.00			10.00		
100.00	101.00			0.00		
101.00	102.00			0.00		
102.00	103.00			0.00		
103.00	104.00			26.00		
104.00	105.00			13.00		
105.00	106.00			27.00		
106.00	107.00			30.00		
107.00	108.00			38.00		
108.00	109.00			31.00		
109.00	110.00			40.00		
110.00	111.00			19.00		
111.00	112.00			0.00		
112.00	113.00			10.00		
113.00	114.00			44.00		
114.00	115.00			0.00		
115.00	116.00			0.00		
116.00	117.00			0.00		
117.00	118.00			0.00		
118.00	119.00			0.00		
119.00	120.00			0.00		
120.00	121.00			17.00		
121.00	122.00			10.00		
122.00	123.00			0.00		
123.00	124.00			20.00		
124.00	125.00			0.00		
125.00	126.00			0.00		
126.00	127.00			0.00		
127.00	128.00			0.00		
128.00	129.00			0.00		

517116

RGC Exploration [illegible]TY LTD
E.L. 966, HENTY [illegible]ROJECT
SURFACE DIAMOND DRILLHOLE : HP056 (CONTINUED)

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, ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
129.00	130.00			0.00		
130.00	131.00			0.00		
131.00	132.00			42.00		
132.00	133.00			43.00		
133.00	134.00			10.00		
134.00	135.00			50.00		
135.00	136.00			55.00		
136.00	137.00			45.00		
137.00	138.00			48.00		
138.00	139.00			53.00		
139.00	140.00			60.00		
140.00	141.00			73.00		
141.00	142.00			40.00		
142.00	143.00			50.00		
143.00	144.00			0.00		
144.00	145.00			30.00		
145.00	146.00			42.00		
146.00	147.00			27.00		
147.00	148.00			65.00		
148.00	149.00			52.00		
149.00	150.00			80.00		
150.00	151.00			78.00		
151.00	152.00			36.00		
152.00	153.00			54.00		
153.00	154.00			100.00		
154.00	155.00			60.00		
155.00	156.00			90.00		
156.00	157.00			100.00		
157.00	158.00			72.00		
158.00	159.00			50.00		
159.00	160.00			80.00		
160.00	161.00			100.00		
161.00	162.00			92.00		
162.00	163.00			60.00		
163.00	164.00			70.00		
164.00	165.00			0.00		
165.00	166.00			15.00		
166.00	167.00			68.00		
167.00	168.00			30.00		
168.00	169.00			42.00		
169.00	170.00			34.00		
170.00	171.00			34.00		

511711

RGC Exploration [illegible] LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP056 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
171.00	172.00			71.00		
172.00	173.00			80.00		
173.00	174.00			90.00		
174.00	175.00			30.00		
175.00	176.00			100.00		
176.00	177.00			100.00		
177.00	178.00			100.00		
178.00	179.00			100.00		
179.00	180.00			75.00		
180.00	181.00			100.00		
181.00	182.00			60.00		
182.00	183.00			70.00		
183.00	184.00			62.00		
184.00	185.00			38.00		
185.00	186.00			18.00		

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517118

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

SURFACE DIAMOND DRILLHOLE : HP057

PROJECT IDEN : 5510
COLLAR NORTHING: 63748.80
DRILLED BY :LY

START DATE : 17 APR 89
COLLAR EASTING : 79547.00
TOTAL LENGTH : 702.90

COMPLETION DATE : 22 APR 89
COLLAR ELEVATION: 2654.30
CORE/HOLE SIZE : HQ

LOGGED BY:PHR
GRID AZIMUTH : 0.00

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		102.00	-66.50	63748.80	79547.00	2654.30
001	21.00		101.00	-66.50			
002	42.00		101.50	-66.00			
003	69.00		98.50	-65.00			
004	90.00		100.00	-65.00			
005	111.00		100.00	-64.50			
006	141.00		103.00	-63.50			
007	162.00		101.00	-62.75			
008	192.00		102.50	-61.00			
009	222.00		102.50	-59.00			
010	243.00		102.50	-58.00			
011	273.00		104.50	-56.00			
012	305.00		106.00	-53.50			
013	338.00		106.00	-51.50			
014	344.00		104.50	-51.50			
015	359.00		106.00	-51.00			
016	377.00		108.00	-50.50			
017	387.00		104.25	-51.00			
018	395.00		106.50	-51.00			
019	411.00		105.00	-50.50			
020	428.00		106.00	-50.00			
021	444.00		107.00	-50.00			
022	462.00		107.00	-49.75			
023	487.00		106.00	-49.75			
024	507.00		106.00	-50.00			
025	527.00		105.00	-49.00			
026	548.00		104.00	-48.25			
027	576.00		105.50	-47.00			
028	600.00		100.00	-44.50			
029	690.00		103.00	-41.00			

R HED
R HED
R HED
R HED
R HED
R HED

HOLE PURPOSE:To test for gold mineralisation on a southern plunge on section 63700N and 2100RL.
HOLE SIZE:0-EOH HQ.
HOLE CONDITION:Hole cored to 704.9m. Rods bogged only recovered 702.9m. Cut rods at 618m. Rods in hole from 618m to bottom, plus barrel and tube.

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5117119

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP067 (CONTINUED)

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	13.10			NO CORE.	
	13.10	27.20			HANGING WALL:WEATHERED.	CENTRAL VOLCANICS
	27.20	212.30			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
R	27.20	75.30			Patches of limonite. 138.30 - 159.00: 100% MIXED FELSIC AND MAFIC VOLCANICS: patches of strong carbonate-hematite alteration.	
	212.30	229.20			PREDOMINANTLY MAFIC VOLCANICS: upper contact: c.a. / 45.	CENTRAL VOLCANICS
	229.20	305.00			MIXED FELSIC AND MAFIC VOLCANICS. 254.00 - 280.00: 100% MIXED FELSIC AND MAFIC VOLCANICS: patches of moderate carbonate-hematite alteration, foliation: c.a. / 35.	CENTRAL VOLCANICS
	305.00	344.60			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: dark green, feldspar phyric, pervasive strong chlorite alteration. 338.60 - 342.80: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: hematite alteration.	CENTRAL VOLCANICS
	344.60	358.80			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	358.80	377.50			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
	377.50	398.70			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
R	377.50	398.70			Fine jagged contacts between minor felsic bands and mafics.	
	398.70	462.10			MIXED FELSIC AND MAFIC VOLCANICS: moderate to strong hematite alteration.	CENTRAL VOLCANICS
R	398.70	462.10			Hematitic alteration primarily hits felsic units.	
	462.10	494.00			PREDOMINANTLY MAFIC VOLCANICS: lower contact: c.a. / 40.	CENTRAL VOLCANICS
	494.00	535.20			MIXED FELSIC AND MAFIC VOLCANICS: moderately broken core, with prominent pug zones.	CENTRAL VOLCANICS
R	522.90	523.10			Pug zones vary from 40-60 deg. to c.a.. 522.90 - 523.10: PUG ZONE: fault: c.a. / 52.	
	535.20	549.60			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	549.60	604.00			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: moderate to strongly broken core, with prominent pug zones.	CENTRAL VOLCANICS
R	549.60	604.00			Puggy zones and foliation typically 60 deg. to c.a..	

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP057 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
	604.00	611.70			HANGING WALL: SHEARED: sheared c.a. / 60.	CENTRAL VOLCANICS
	611.70	641.50			MYLONITE AND PUG.	HENTY FAULT ZONE
R	611.70	641.50			Mylonitic fabric typically 60-70 deg. to c.a. 637.10 - 641.50: 100% MYLONITE AND PUG: coatings of batchelorite.	
	641.50	653.00			CRUSH ZONE. 645.50 - 653.00: 100% CRUSH ZONE: strong mineralised, strong quartz-sericite alteration, 30% quartz mineralisation, 2.5% coarse grained pyrite, 1% blebs of galena.	HENTY FAULT ZONE
	653.00	654.90			INTENSE QUARTZ MINERALISATION: strong quartz-sericite alteration, patches of strong silica-sericite-pyrite alteration, 50% quartz mineralisation, 2.5% coarse grained pyrite, 0.3% blebs of chalcopyrite, 1% disseminations of galena.	
	654.90	661.70			UNDIFFERENTIATED ALTERED VOLCANICLASTICS. 654.90 - 655.40: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strong carbonate-hematite alteration. 655.40 - 661.70: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: very strong chlorite alteration, patches of strong silica alteration.	
	661.70	664.00			QUARTZ-SULPHIDE MINERALISATION: lenses of strong carbonate alteration, pervasive strong silica-sericite-pyrite alteration, 2.5% nodules of quartz-base metal mineralisation.	
	664.00	665.40			QUARTZ-SULPHIDE MINERALISATION: strong quartz-sericite alteration, 40% quartz-base metal mineralisation, foliation: c.a. / 54, 2.5% coarse grained pyrite, 0.1% blebs of chalcopyrite, 0.3% blebs of galena, 0.1% blebs of sphalerite.	
	665.40	666.40			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: lenses of strong carbonate-hematite alteration, patches of strong silica-sericite-pyrite alteration, 1% coarse grained pyrite.	
	666.40	670.40			QUARTZ-SULPHIDE MINERALISATION: strong quartz-sericite alteration, 50% quartz-base metal mineralisation, 5% coarse grained pyrite, 2.5% lenses of chalcopyrite, 5% lenses of galena, 2.5% lenses of sphalerite.	

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5171121

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP057 (CONTINUED)

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Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
670.40	672.00			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 10% quartz-copper mineralisation, 5% coarse grained pyrite, 1% blebs of chalcopyrite.	
672.00	673.70			QUARTZ-SULPHIDE MINERALISATION: lenses of strong carbonate-hematite alteration, strong silica-sericite-pyrite alteration, 2.5% quartz-copper mineralisation, 1% coarse grained pyrite, 0.3% blebs of chalcopyrite.	
673.70	678.70			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, veinlets of carbonate alteration, 5% quartz-base metal mineralisation, 10% lenses of massive pyrite mineralisation, foliation: c.a. / 45, 5% coarse grained pyrite, 1% blebs of chalcopyrite, 0.3% blebs of galena.	
678.70	699.40			MIXED VOLCANICLASTICS & EPICLASTICS: lenses of very strong carbonate alteration, patches of carbonate-hematite alteration. 678.70 - 699.40: 100% MIXED VOLCANICLASTICS & EPICLASTICS: weak chlorite alteration, 1% disseminations of pyrite.	TYNDALL VOLCANICS
699.40	702.90			QUARTZ-PHYRIC RICH VOLCANICLASTICS.	TYNDALL VOLCANICS

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP057 (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
0.00	645.80								
645.80	647.00	T13119	2.802	11.0	10	1600	1950	850	16
647.00	648.00	T13121	1.615	6.0	6	1200	990	1050	12
648.00	649.00	T13122	0.518	11.5	9	1700	2050	490	20
649.00	650.00	T13123	0.243	3.5	6	600	480	560	6
650.00	651.00	T13124	0.311	5.5	11	480	1200	1200	11
651.00	652.00	T13125	1.621	6.0	9	1250	1700	6275	9
652.00	653.00	T13126	1.728	12.0	15	890	1650	1150	18
653.00	654.00	T13127	0.227	3.0	13	460	585	130	9
654.00	655.00	T13128	12.530	7.5	4	2800	5700	340	13
655.00	656.00	T13129	0.135	2.5	12	315	55	200	7
656.00	657.00	T13130	0.025	2.0	8	15	20	260	-1
657.00	658.00	T13131	-0.008	1.0	1	10	10	160	-1
658.00	659.00	T13132	-0.008	1.5	6	10	10	110	-1
659.00	660.00	T13133	-0.008	1.5	5	10	10	140	-1
660.00	661.00	T13134	-0.008	1.0	1	10	15	145	-1
661.00	662.00	T13135	0.035	1.5	8	30	35	170	-1
662.00	663.00	T13136	0.126	4.5	17	135	295	70	8
663.00	664.00	T13137	0.134	5.0	15	345	1350	130	3
664.00	665.40	T13138	0.174	7.5	10	600	4650	2250	4
665.40	666.40	T13139	0.162	4.0	15	410	1600	650	-1
666.40	667.40	T13141	0.548	11.5	9	7300	6000	1030	13
667.40	668.40	T13142	1.301	13.0	29	7400	13500	7300	9
668.40	669.40	T13143	1.972	11.5	16	720	9200	145	12
669.40	670.40	T13144	0.627	13.0	28	6300	30000	935	5
670.40	671.40	T13145	0.304	3.5	59	1300	810	85	4
671.40	672.40	T13146	0.379	3.5	44	400	445	150	10
672.40	673.40	T13147	0.397	5.0	26	2250	945	105	12
673.40	674.40	T13148	0.226	10.5	120	1600	32500	2800	9
674.40	675.40	T13149	0.741	21.5	120	1600	12000	260	24
675.40	676.40	T13150	0.198	3.5	90	550	1900	110	11
676.40	677.40	T13151	0.333	6.5	63	1750	2850	300	15
677.40	678.40	T13152	0.206	5.5	61	800	2050	145	12
678.40	679.40	T13153	0.146	5.0	34	235	855	285	12
679.40	680.40	T13154	0.098	2.5		175	240	90	3
680.40	681.40	T13155	0.067	2.0		200	150	85	1
681.40	682.40	T13156	0.043	1.5		225	95	100	2
682.40	683.40	T13157	0.060	1.5		50	30	85	-1
683.40	684.20	T13158	0.042	1.0		135	40	85	2
684.20	685.10	T13159	0.192	3.5		220	295	115	11
685.10	686.00	T13160	0.041	1.0		10	30	135	3
686.00	687.00	T13161	0.047	1.0		350	25	135	-1

RGC Explorat[illegible] PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP057 (CONTINUED)

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ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
687.00	688.00	T13162	0.032	1.0		15	20	110	2
688.00	689.00	T13163	0.046	1.0		15	45	105	1
689.00	690.00	T13164	0.029	0.5		45	20	115	3
690.00	691.00	T13165	0.044	0.5		10	35	70	3
691.00	692.00	T13167	0.022	1.0		-5	30	35	2
692.00	693.00	T13168	0.054	1.0		10	30	60	3
693.00	694.00	T13169	0.036	1.5		5	30	60	4
694.00	695.00	T13170	0.028	1.0		5	25	50	3
695.00	696.00	T13171	0.019	1.5		5	35	85	2
696.00	697.00	T13172	0.009	1.0		-5	25	40	2
697.00	698.00	T13173	0.023	1.0		70	105	205	3

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP057 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	586.00					
586.00	587.00			0.00		
587.00	588.00			20.00		
588.00	589.00			20.00		
589.00	590.00			60.00		
590.00	591.00			70.00		
591.00	592.00			66.00		
592.00	593.00			10.00		
593.00	594.00			30.00		
594.00	595.00			10.00		
595.00	596.00			44.00		
596.00	597.00			34.00		
597.00	598.00			90.00		
598.00	599.00			77.00		
599.00	600.00			80.00		
600.00	601.00			35.00		
601.00	602.00			12.00		
602.00	603.00			0.00		
603.00	604.00			0.00		
604.00	605.00			0.00		
605.00	606.00			0.00		
606.00	607.00			18.00		
607.00	608.00			0.00		
608.00	609.00			0.00		
609.00	610.00			20.00		
610.00	611.00			16.00		
611.00	612.00			0.00		
612.00	613.00			0.00		
613.00	614.00			57.00		
614.00	615.00			36.00		
615.00	616.00			20.00		
616.00	617.00			20.00		
617.00	618.00			0.00		
618.00	619.00			20.00		
619.00	620.00			20.00		
620.00	621.00			40.00		
621.00	622.00			80.00		
622.00	623.00			28.00		
623.00	624.00			17.00		
624.00	625.00			50.00		
625.00	626.00			30.00		
626.00	627.00			27.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP057 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
627.00	628.00			10.00		
628.00	629.00			10.00		
629.00	630.00			80.00		
630.00	631.00			70.00		
631.00	632.00			20.00		
632.00	633.00			0.00		
633.00	634.00			10.00		
634.00	635.00			0.00		
635.00	636.00			0.00		
636.00	637.00			0.00		
637.00	638.00			0.00		
638.00	639.00			0.00		
639.00	640.00			0.00		
640.00	641.00			0.00		
641.00	642.00			0.00		
642.00	643.00			0.00		
643.00	644.00			0.00		
644.00	645.00			0.00		
645.00	646.00			0.00		
646.00	647.00			0.00		
647.00	648.00			0.00		
648.00	649.00			0.00		
649.00	650.00			0.00		
650.00	651.00			0.00		
651.00	652.00			0.00		
652.00	653.00			0.00		
653.00	654.00			45.00		
654.00	655.00			50.00		
655.00	656.00			95.00		
656.00	657.00			75.00		
657.00	658.00			50.00		
658.00	659.00			90.00		
659.00	660.00			75.00		
660.00	661.00			46.00		
661.00	662.00			58.00		
662.00	663.00			68.00		
663.00	664.00			60.00		
664.00	665.00			80.00		
665.00	666.00			100.00		
666.00	667.00			64.00		
667.00	668.00			90.00		
668.00	669.00			60.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP057 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
669.00	670.00			60.00		
670.00	671.00			100.00		
671.00	672.00			95.00		
672.00	673.00			95.00		
673.00	674.00			100.00		
674.00	675.00			85.00		
675.00	676.00			90.00		
676.00	677.00			100.00		
677.00	678.00			90.00		
678.00	679.00			90.00		
679.00	680.00			50.00		
680.00	681.00			75.00		
681.00	682.00			100.00		
682.00	683.00			90.00		
683.00	684.00			70.00		
684.00	685.00			75.00		
685.00	686.00			70.00		
686.00	687.00			85.00		
687.00	688.00			60.00		
688.00	689.00			100.00		
689.00	690.00			60.00		
690.00	691.00			60.00		
691.00	692.00			90.00		
692.00	693.00			60.00		
693.00	694.00			60.00		
694.00	695.00			45.00		
695.00	696.00			70.00		
696.00	697.00			80.00		
697.00	698.00			70.00		
698.00	699.00			90.00		
699.00	700.00			80.00		
700.00	701.00			60.00		
701.00	702.00			100.00		
702.00	702.90			50.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

SURFACE DIAMOND DRILLHOLE : HP057A

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PROJECT IDEN : 5510 START DATE : 16 JUN 89 COMPLETION DATE : 28 JUN 89 LOGGED BY:RHR
COLLAR NORTHING: 63749.16 COLLAR EASTING : 79546.59 COLLAR ELEVATION: 2654.54 GRID AZIMUTH : 0.00
DRILLED BY :LY TOTAL LENGTH : 700.00 CORE/HOLE SIZE : HQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		102.00	-66.50	63749.16	79546.59	2654.51
001	21.00		101.00	-66.50			
002	42.00		101.50	-66.00			
003	69.00		98.50	-65.00			
004	90.00		100.00	-65.00			
005	111.00		100.00	-64.50			
006	141.00		103.00	-63.50			
007	162.00		101.00	-62.75			
008	192.00		102.50	-61.00			
009	222.00		102.50	-59.00			
010	245.00		102.50	-54.00			
011	278.00		101.00	-45.50			
012	298.00		101.00	-45.50			
013	318.00		101.00	-45.50			
014	339.00		100.00	-45.00			
015	359.00		98.50	-43.50			
016	380.00		98.00	-41.00			
017	401.00		97.00	-38.25			
018	434.00		99.00	-35.50			
019	455.00		99.00	-33.30			
020	479.00		97.00	-27.50			
021	510.00		98.00	-25.75			
022	537.00		99.00	-24.00			
023	570.00		102.00	-21.50			
024	600.00		102.00	-20.00			
025	640.00		102.00	-18.75			
026	695.00		102.00	-16.50			

R HED HOLE PURPOSE:Wedge off HP057. Targetted at 63700N, 2200RL.
R HED HOLE SIZE:0-EOH HQ.
R HED HOLE CONDITION:All rods removed. PVC pipe in collar HP057.

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP057A (CONTINUED)

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	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	236.50			PH.	
R	0.00	236.51			Wedge from hp057.	
	236.50	248.70			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
	248.70	285.80			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink.	CENTRAL VOLCANICS
	285.80	291.80			PREDOMINANTLY MAFIC VOLCANICS: green.	CENTRAL VOLCANICS
	291.80	325.10			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: green.	CENTRAL VOLCANICS
	325.10	331.80			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink, strong hematite alteration.	CENTRAL VOLCANICS
	331.80	350.00			PREDOMINANTLY MAFIC VOLCANICS: green, with hornblende phenocrysts. 337.50 - 340.60: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink.	CENTRAL VOLCANICS
	350.00	374.50			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
	374.50	388.80			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink-green.	CENTRAL VOLCANICS
	388.80	400.05			PREDOMINANTLY MAFIC VOLCANICS: green.	CENTRAL VOLCANICS
	400.05	430.20			MIXED FELSIC AND MAFIC VOLCANICS: quartz carbonate vein/s. 400.30 - 400.50: 100% MIXED FELSIC AND MAFIC VOLCANICS: weakly broken core, with minor pug zones.	CENTRAL VOLCANICS
	430.20	449.40			PREDOMINANTLY MAFIC VOLCANICS: quartz carbonate vein/s: chlorite vein/s: veinlets of sericite.	CENTRAL VOLCANICS
	449.40	475.30			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS. 449.40 - 457.80: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: grey, weak sericite-chlorite alteration, patches of very weak carbonate alteration, foliation: c.a. / 53. 457.80 - 464.50: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink-green, weak sericite-chlorite alteration, patches of weak to moderate k-feldspar alteration. 464.50 - 475.30: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink, moderate k-feldspar alteration, patches of very weak carbonate alteration, foliation: c.a. / 55.	CENTRAL VOLCANICS
	475.30	479.00			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS

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PGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP067A (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
R	476.55	476.57			Thin zone of intense pug development.	
	479.00	491.20			PREDOMINANTLY MAFIC VOLCANICS: weak carbonate alteration, hematite vein/s: quartz vein/s. 480.40 - 482.00: 100% PREDOMINANTLY MAFIC VOLCANICS: strongly broken core, with prominent pug zones.	CENTRAL VOLCANICS
	491.20	553.90			MIXED FELSIC AND MAFIC VOLCANICS. 506.80 - 511.50: 100% MIXED FELSIC AND MAFIC VOLCANICS: moderate to strongly broken core. 506.90 - 507.10: 100% MIXED FELSIC AND MAFIC VOLCANICS: 10% coatings of chlorite, 1% coatings of pyrite. 508.80 - 509.40: 100% MIXED FELSIC AND MAFIC VOLCANICS: quartz vein/s: 2.5% coarse grained pyrite.	CENTRAL VOLCANICS
R	513.60	513.65			Major pug zone.	
R	515.70	515.73			Major pug zone.	
R	516.40	516.41			Pug zone. 516.50 - 525.10: 100% MIXED FELSIC AND MAFIC VOLCANICS: hematite vein/s: quartz carbonate vein/s.	
R	531.90	532.00			Major pug zone. 539.10 - 546.00: 100% MIXED FELSIC AND MAFIC VOLCANICS: moderately broken core, with minor pug zones. 546.00 - 552.60: 100% MIXED FELSIC AND MAFIC VOLCANICS: strongly broken core, with prominent pug zones.	
	553.90	592.05			MYLONITE AND PUG: kink fold/s.	HENTY FAULT ZONE
	592.05	594.10			QUARTZ-SULPHIDE MINERALISATION: moderately broken core, with minor pug zones, patches of strong silica-sericite-pyrite alteration, patches of strong quartz-sericite alteration, 20% quartz-pyrite mineralisation.	
	594.10	597.00			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strongly broken core, with minor pug zones, moderate to strong silica alteration with co3.	
	597.00	607.00			QUARTZ-SULPHIDE MINERALISATION: moderate to strongly broken core, with prominent pug zones, strong silica-sericite-pyrite alteration, 5% patches of quartz-pyrite mineralisation.	
R	597.00	597.05			Major pug zone. 597.20 - 597.30: 100% QUARTZ-SULPHIDE MINERALISATION: quartz-copper mineralisation, 10% veinlets of chalcopyrite.	
	607.00	609.60			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: patches of moderate	

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NGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP057A (CONTINUED)

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
					silica-sericite-pyrite alteration.	
	609.60	612.00			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strong silica alteration with cb3.	
	612.00	617.20			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: patches of moderate to strong silica-sericite-pyrite alteration, lenses of weak to moderate carbonate alteration.	
	617.20	626.80			LAVAS AND VOLCANICLASTICS: pink, patches of strong silica alteration.	TYNDALL VOLCANICS
	626.80	637.70			QUARTZ-PHYRIC RICH VOLCANICLASTICS: light grey, weak to moderate silica-sericite-pyrite alteration, 2.5% veinlets of pyrite.	TYNDALL VOLCANICS
R	626.80	626.85			Major pug zone at contact.	
	637.70	649.40			FELDSPAR-PHYRIC RICH VOLCANICLASTICS.	TYNDALL VOLCANICS
R	637.70	649.40			Mixture of feldspar rich and minor quartz phyric fine-grained	
R	637.70	649.40			volcaniclastics and sediments.	
	649.40	658.70			FINE-GRAINED VOLCANICLASTICS: very weak silica-sericite-pyrite alteration, 2.5% veinlets of carbonate.	TYNDALL VOLCANICS
R	649.40	700.00			Mixture of fine and coarse-grained volcaniclastics. Possibly a	
R	649.40	700.00			near source volcanic sequence with sedimentary characteristics.	
	658.70	665.90			LAVAS AND VOLCANICLASTICS: weak to moderate silica-sericite-pyrite alteration, 2.5% veinlets of carbonate.	TYNDALL VOLCANICS
	665.90	667.60			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 20% quartz-copper mineralisation, 10% lenses of carbonate, 10% coarse grained pyrite, 1% blebs of chalcopyrite.	
	667.60	675.40			LAVAS AND VOLCANICLASTICS. 667.60 - 668.80: 100% LAVAS AND VOLCANICLASTICS: pink, moderate to strong silica alteration. 668.80 - 675.40: 100% LAVAS AND VOLCANICLASTICS: white, very strong silica alteration.	TYNDALL VOLCANICS
R	672.50	675.40			Fine-grained dark grey silicified material within white intense	
R	672.50	675.40			silicified rock.	
	675.40	684.90			VERY FINE GRAINED(SHALEY) EPICLASTIC. 675.40 - 684.90: 100% VERY FINE GRAINED(SHALEY) EPICLASTIC:	TYNDALL VOLCANICS

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP057A (CONTINUED)

Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
				dark green. 678.30 - 678.80: 100% VERY FINE GRAINED(SHALEY) EPICLASTIC: strong silica alteration. 679.00 - 684.90: 100% VERY FINE GRAINED(SHALEY) EPICLASTIC: grey-green.	
684.90	690.10			COARSE-GRAINED(PEBBLY) EPICLASTIC 686.40 - 687.00: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: very strong silica-hematite alteration. 687.00 - 690.10: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: pink-green, patches of very strong hematite alteration.	TYNDALL VOLCANICS
690.10	692.10			VERY FINE GRAINED(SHALEY) EPICLASTIC: light green, banding: c.a. / 40, lower contact: c.a. / 30.	TYNDALL VOLCANICS
692.10	700.00			COARSE-GRAINED(PEBBLY) EPICLASTIC: pink-green. 698.90 - 699.10: 100% MAJOR QUARTZ VEIN: 30% veinlets of chlorite, 0.3% slugs of chalcopyrite. 699.10 - 700.00: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: strong silica alteration.	TYNDALL VOLCANICS

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RGC Explora n PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP057A (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
592.05	593.00	T13272	0.273	3.0	19	335	1700	845	7
593.00	594.13	T13273	1.625	6.5	13	600	2100	3900	5
594.13	595.00	T13274	0.029	1.0	9	130	420	605	4
595.00	596.00	T13275	-0.008	-0.5	8	460	160	185	2
596.00	597.00	T13276	-0.008	-0.5	5	140	60	90	3
597.00	598.00	T13277	0.251	3.5	39	1000	1050	150	7
598.00	599.00	T13278	0.186	3.5	28	700	725	40	8
599.00	600.00	T13279	0.199	2.5	25	65	270	35	7
600.00	601.00	T13281	0.114	2.0	17	75	195	25	5
601.00	602.00	T13282	0.117	2.5	20	190	345	30	10
602.00	603.00	T13283	0.154	4.0	24	80	615	45	8
603.00	604.00	T13284	0.180	3.5	38	295	885	50	8
604.00	605.00	T13285	0.172	5.0	54	440	800	75	6
605.00	606.00	T13286	0.101	1.0	24	55	230	25	2
606.00	607.00	T13287	0.273	4.5	110	450	225	30	19
607.00	608.00	T13288	0.103	1.5	46	200	45	65	10
608.00	609.00	T13289	0.095	0.5	30	50	25	40	12
609.00	610.00	T13290	0.010	-0.5	7	170	25	55	2
610.00	611.00	T13291	-0.008	0.5	6	190	30	95	3
611.00	612.00	T13292	-0.008	-0.5	8	420	45	120	3
612.00	613.00	T13293	0.050	2.5	17	25	20	50	-1
613.00	614.00	T13294	0.082	5.5	17	25	20	35	3
614.00	615.00	T13295	0.068	2.5	22	35	20	35	1
615.00	616.00	T13296	0.053	1.5	25	30	30	40	5
616.00	617.00	T13297	0.028	0.5	14	20	35	100	5
617.00	618.00	T13298	0.010	-0.5	10	15	25	60	1
632.00	633.00	T13318	0.015	-0.5	50	15	30	30	2
633.00	634.00	T13319	0.051	-0.5	48	20	45	35	-1
634.00	635.00	T13321	-0.008	-0.5	21	15	25	45	-1
635.00	636.00	T13322	0.010	-0.5	31	15	30	25	-1
662.00	663.00	T13323	0.020	-0.5	26	15	40	65	-1
663.00	664.00	T13324	0.011	-0.5	19	20	35	80	4
664.00	665.00	T13325	0.024	-0.5	14	20	35	65	5
665.00	666.00	T13326	0.024	-0.5	13	25	45	75	2
666.00	667.00	T13327	0.363	3.0	37	2700	850	415	12
667.00	667.60	T13328	0.455	2.0	69	860	295	330	20
667.60	668.60	T13329	0.023	-0.5	4	375	20	50	-1

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP057A (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	590.00					
590.00	591.00			0.00		
591.00	592.00			0.00		
592.00	593.00			0.00		
593.00	594.00			10.00		
594.00	595.00			0.00		
595.00	596.00			0.00		
596.00	597.00			0.00		
597.00	598.00			40.00		
598.00	599.00			40.00		
599.00	600.00			40.00		
600.00	601.00			70.00		
601.00	602.00			60.00		
602.00	603.00			50.00		
603.00	604.00			0.00		
604.00	605.00			0.00		
605.00	606.00			0.00		
606.00	607.00			30.00		
607.00	608.00			30.00		
608.00	609.00			20.00		
609.00	610.00			30.00		
610.00	611.00			20.00		
611.00	612.00			40.00		
612.00	613.00			55.00		
613.00	614.00			0.00		
614.00	615.00			40.00		
615.00	616.00			90.00		
616.00	617.00			20.00		
617.00	618.00			80.00		
618.00	619.00			80.00		
619.00	620.00			55.00		
620.00	621.00			45.00		
621.00	622.00			20.00		
622.00	623.00			45.00		
623.00	624.00			80.00		
624.00	625.00			60.00		
625.00	626.00			50.00		
626.00	627.00			30.00		
627.00	628.00			35.00		
628.00	629.00			90.00		
629.00	630.00			75.00		
630.00	631.00			80.00		

51134

RGC Exploration PTY LTD
E.L. 965, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP057A (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
631.00	632.00			85.00		
632.00	633.00			80.00		
633.00	634.00			85.00		
634.00	635.00			85.00		
635.00	636.00			100.00		
636.00	637.00			70.00		
637.00	638.00			40.00		
638.00	639.00			70.00		
639.00	640.00			30.00		
640.00	641.00			50.00		
641.00	642.00			60.00		
642.00	643.00			60.00		
643.00	644.00			70.00		
644.00	645.00			90.00		
645.00	646.00			100.00		
646.00	647.00			80.00		
647.00	648.00			80.00		
648.00	649.00			70.00		
649.00	650.00			20.00		
650.00	651.00			75.00		
651.00	652.00			60.00		
652.00	653.00			95.00		
653.00	654.00			100.00		
654.00	655.00			90.00		
655.00	656.00			90.00		
656.00	657.00			55.00		
657.00	658.00			55.00		
658.00	659.00			64.00		
659.00	660.00			80.00		
660.00	661.00			85.00		
661.00	662.00			100.00		
662.00	663.00			80.00		
663.00	664.00			80.00		
664.00	665.00			80.00		
665.00	666.00			25.00		
666.00	667.00			65.00		
667.00	668.00			85.00		
668.00	669.00			70.00		
669.00	670.00			95.00		
670.00	671.00			65.00		
671.00	672.00			40.00		
672.00	673.00			15.00		

517135

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP057A (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
673.00	674.00			22.00		
674.00	675.00			22.00		
675.00	676.00			30.00		
676.00	677.00			100.00		
677.00	678.00			80.00		
678.00	679.00			75.00		
679.00	680.00			55.00		
680.00	681.00			14.00		
681.00	682.00			44.00		
682.00	683.00			65.00		
683.00	684.00			85.00		
684.00	685.00			60.00		
685.00	686.00			60.00		
686.00	687.00			60.00		
687.00	688.00			55.00		
688.00	689.00			85.00		
689.00	690.00			60.00		
690.00	691.00			75.00		
691.00	692.00			70.00		
692.00	693.00			80.00		
693.00	694.00			90.00		
694.00	695.00			100.00		
695.00	696.00			100.00		
696.00	697.00			100.00		
697.00	698.00			100.00		
698.00	699.00			100.00		
699.00	700.00			100.00		

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

SURFACE DIAMOND DRILLHOLE : HD053

136

PROJECT IDEN : 5510 START DATE : 23 APR 89 COMPLETION DATE : 8 MAY 89 LOGGED BY:RHR
COLLAR NORTHING: 64449.60 COLLAR EASTING : 89170.80 COLLAR ELEVATION: 2608.40 GRID AZIMUTH : 0.00
DRILLED BY :LY TOTAL LENGTH : 165.10 CORE/HOLE SIZE : PQHQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		89.75	-54.50	64449.60	89170.80	2608.40
001	27.00		87.50	-55.00			
002	48.00		87.00	-53.75			
003	69.00		87.00	-53.00			
004	90.00		86.00	-53.50			
005	111.00		87.00	-53.25			
006	132.00		86.50	-52.75			
007	153.00		87.00	-52.50			

R HED HOLE PURPOSE:Shallow pattern drilling into proposed sill
R HED development area. Target; 64450N, 2500RL.
R HED HOLE SIZE:0-21.2 PQ, 21.2-EOH HQ.
R HED HOLE CONDITION:PVC collar. All rods removed. 8/5/89: Hole
R HED making water. 20/7/89: Hole still making strong water.

From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
0.00	9.30			HANGING WALL:WEATHERED.	CENTRAL VOLCANICS
9.30	68.10			MIXED FELSIC AND MAFIC VOLCANICS: foliation: c.a. / 44. 9.30 - 37.10: 100% MIXED FELSIC AND MAFIC VOLCANICS: limonitic.	CENTRAL VOLCANICS
68.10	96.10			MYLONITE AND PUG. 86.00 - 87.00: 100% MYLONITE AND PUG: foliation: c.a. / 38. 89.00 - 90.50: 100% BLACK SHALE. 90.50 - 96.10: 100% MYLONITE AND PUG: moderate quartz-sericite alteration.	HENTY FAULT ZONE
96.10	125.10			LAVAS AND VOLCANICLASTICS. 96.10 - 112.10: 100% LAVAS AND VOLCANICLASTICS: moderate silica-sericite alteration. 112.10 - 125.10: 100% LAVAS AND VOLCANICLASTICS: very weak silica-sericite-pyrite alteration, foliation: c.a. / 32, 0.3% disseminations of pyrite.	TYNDALL VOLCANICS
125.10	128.95			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderate to strong	

517137

IGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP058 (CONTINUED)

From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
				silica alteration with co3, foliation: c.a. / 36.	
128.95	131.50			INTENSE QUARTZ MINERALISATION: silica veined, strong quartz-sericite alteration, 70% massive quartz mineralisation, 2.5% coarse grained pyrite, 1% blebs of chalcopyrite, 0.5% blebs of galena.	
131.50	138.30			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 10% quartz-base metal mineralisation. 137.70 - 137.72: 100% QUARTZ-SULPHIDE MINERALISATION: lenses of massive pyrite mineralisation.	
138.30	145.80			LAVAS AND VOLCANICLASTICS: patches of very weak silica-sericite-pyrite alteration.	TYNDALL VOLCANICS
145.80	149.20			LAVAS AND VOLCANICLASTICS: patches of weak to moderate silica-sericite-pyrite alteration.	TYNDALL VOLCANICS
149.20	165.10			LAVAS AND VOLCANICLASTICS: strong silica alteration. 149.20 - 158.70: 100% LAVAS AND VOLCANICLASTICS: moderate to strongly broken core, with minor pug zones.	TYNDALL VOLCANICS

517138

RGC Exploration LTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP058 (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
0.00	124.10								
124.10	125.10	T13093	-0.008	0.5	3	55	10	60	-1
125.10	126.00	T13094	-0.008	1.0	2	5	15	135	-1
126.00	127.00	T13095	-0.008	1.0	2	-5	10	40	-1
127.00	128.00	T13096	-0.008	1.5	5	130	40	105	-1
128.00	129.00	T13097	0.042	1.5	9	85	15	100	-1
129.00	130.00	T13098	1.872	2.5	5	685	55	115	2
130.00	130.70	T13099	0.566	4.5	5	285	960	35	2
130.70	131.50	T13101	7.120	18.0	12	1900	2125	120	36
131.50	132.50	T13102	1.014	13.0	17	95	875	70	4
132.50	134.00	T13103	0.148	3.5	23	470	115	45	2
134.00	135.00	T13104	0.202	3.0	18	450	70	45	4
135.00	136.00	T13105	1.952	1.0	12	55	20	30	1
136.00	137.00	T13106	0.138	1.5	17	415	80	75	-1
137.00	138.30	T13107	0.784	4.0	42	565	120	45	20
138.30	139.00	T13108	0.008	-0.5	7	15	-5	20	1
139.00	140.00	T13109	-0.008	-0.5	3	-5	10	60	-1
140.00	141.00	T13110	-0.008	-0.5	7	-5	15	75	-1
141.00	142.00	T13111	-0.008	-0.5	5	-5	10	60	1
142.00	143.00	T13112	-0.008	-0.5	4	-5	-5	30	-1
143.00	144.00	T13113	-0.008	-0.5	3	-5	20	40	-1
144.00	145.00	T13114	0.014	-0.5	7	-5	10	30	1
145.00	145.80	T13115	0.048	-0.5	12	10	15	15	3
145.80	147.00	T13116	0.100	1.0	18	25	35	25	6
147.00	149.20	T13117	0.010	1.0	11	445	25	85	5
149.20	150.20	T13118	-0.008	-0.5	5	465	10	40	1

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP058 (CONTINUED)

139

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	64.00					
64.00	65.00			40.00		
65.00	66.00			30.00		
66.00	67.00			60.00		
67.00	68.00			60.00		
68.00	69.00			0.00		
69.00	70.00			0.00		
70.00	71.00			0.00		
71.00	72.00			60.00		
72.00	73.00			50.00		
73.00	74.00			70.00		
74.00	75.00			50.00		
75.00	76.00			67.00		
76.00	77.00			50.00		
77.00	78.00			20.00		
78.00	79.00			20.00		
79.00	80.00			0.00		
80.00	81.00			0.00		
81.00	82.00			0.00		
82.00	83.00			0.00		
83.00	84.00			0.00		
84.00	85.00			0.00		
85.00	86.00			20.00		
86.00	87.00			50.00		
87.00	88.00			10.00		
88.00	89.00			0.00		
89.00	90.00			0.00		
90.00	91.00			0.00		
91.00	92.00			0.00		
92.00	93.00			0.00		
93.00	94.00			0.00		
94.00	95.00			0.00		
95.00	96.00			0.00		
96.00	97.00			34.00		
97.00	98.00			64.00		
98.00	99.00			50.00		
99.00	100.00			66.00		
100.00	101.00			74.00		
101.00	102.00			37.00		
102.00	103.00			14.00		
103.00	104.00			0.00		
104.00	105.00			44.00		

517140

RGC Exploration LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP058 (CONTINUED)

140

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
105.00	106.00			50.00		
106.00	107.00			54.00		
107.00	108.00			20.00		
108.00	109.00			50.00		
109.00	110.00			15.00		
110.00	111.00			35.00		
111.00	112.00			40.00		
112.00	113.00			50.00		
113.00	114.00			36.00		
114.00	115.00			20.00		
115.00	116.00			56.00		
116.00	117.00			70.00		
117.00	118.00			40.00		
118.00	119.00			100.00		
119.00	120.00			59.00		
120.00	121.00			54.00		
121.00	122.00			30.00		
122.00	123.00			90.00		
123.00	124.00			50.00		
124.00	125.00			26.00		
125.00	126.00			65.00		
126.00	127.00			46.00		
127.00	128.00			57.00		
128.00	129.00			60.00		
129.00	130.00			57.00		
130.00	131.00			50.00		
131.00	132.00			50.00		
132.00	133.00			50.00		
133.00	134.00			80.00		
134.00	135.00			70.00		
135.00	136.00			60.00		
136.00	137.00			70.00		
137.00	138.00			60.00		
138.00	139.00			30.00		
139.00	140.00			80.00		
140.00	141.00			60.00		
141.00	142.00			60.00		
142.00	143.00			60.00		
143.00	144.00			60.00		
144.00	145.00			90.00		
145.00	146.00			90.00		
146.00	147.00			90.00		

5171141

RGC Exploration LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP058 (CONTINUED)

141

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
147.00	148.00			70.00		
148.00	149.00			40.00		
149.00	150.00			20.00		
150.00	151.00			20.00		
151.00	152.00			10.00		
152.00	153.00			10.00		
153.00	154.00			10.00		
154.00	155.00			10.00		
155.00	156.00			0.00		
156.00	157.00			0.00		
157.00	158.00			50.00		
158.00	159.00			30.00		
159.00	160.00			40.00		
160.00	161.00			80.00		
161.00	162.00			60.00		
162.00	163.00			80.00		
163.00	164.00			60.00		
164.00	165.00			70.00		

517142

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

142

UNDERGROUND DIAMOND DRILLHOLE : HP059

PROJECT IDEN : 5610 | START DATE : 15 MAY 89 | COMPLETION DATE : 26 MAY 89 | LOGGED BY:RHR
COLLAR NORTHING: 64173.00 | COLLAR EASTING : 80275.00 | COLLAR ELEVATION: 2552.50 | GRID AZIMUTH : 0.00
DRILLED BY :JP | TOTAL LENGTH : 193.90 | CORE/HOLE SIZE : HQNQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		357.00	1.50	64173.00	80275.00	2552.50
001	12.00		358.00	2.00			
002	42.00		359.00	2.00			
003	72.00		360.00	1.50			
004	102.00		2.00	0.75			
005	132.00		3.00	0.00			
006	162.00		2.00	-0.50			
007	192.00		2.00	-1.00			

R HED HOLE CONDITION:Stem pipe (3.5m) and gate valve.
R HED HOLE SIZE:0-3.5 HQ, 3.5-EOH TT56.
R HED HOLE PURPOSE:Cover hole from cuddy #3 ahead of decline.

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	40.70			LAVAS AND VOLCANICLASTICS.	TYNDALL VOLCANICS
R	0.00	11.20			J1: 105/30 N. Rough joint also sub-parallel to fol. 0.00 - 11.20: 100% LAVAS AND VOLCANICLASTICS: pink-green, quartz phyric, lower contact: c.a. / 15, joint 1: c.a. / 50.	
R	11.20	25.00			Jointing sub-parallel to foliation and J1 above. 11.20 - 25.00: 100% LAVAS AND VOLCANICLASTICS: pink, quartz phyric, mega quartz grains, foliation: c.a. / 17. 25.00 - 26.00: 70% MAJOR QUARTZ VEIN. 26.00 - 33.00: 100% LAVAS AND VOLCANICLASTICS: pink-green.	
R	26.45	26.50			Coarse pyrite cubes.	
					27.40 - 27.41: 100% LAVAS AND VOLCANICLASTICS: foliation: c.a. / 30, joint 1: c.a. / 45. 33.00 - 34.40: 100% LAVAS AND VOLCANICLASTICS: pink, mega quartz grains, foliation; c.a. / 20.	
R	34.40	40.70			Fol.? varies from 15 deg to c.a. to 40 deg to c.a. with pug	
R	34.40	40.70			typically on joint faces sub-parallel to foliation. 34.40 - 40.70: 100% LAVAS AND VOLCANICLASTICS: grey.	
	40.70	44.00			COARSE-GRAINED(PEBBLY) EPICLASTIC: lower contact: c.a. / 40, foliation: c.a. / 30.	TYNDALL VOLCANICS
	44.00	106.60			MIXED VOLCANICLASTICS & EPICLASTICS.	TYNDALL VOLCANICS

517143

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP039 (CONTINUED)

143

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
R	44.00	44.01			Minor pug on contact.	
R	44.00	106.60			Bedding and cleavage at an angle weak jointing along the core	
R	44.00	106.60			sub-parallel to cleavage and a second jointing along bedding.	
					45.60 - 48.80: QUARTZ PORPHYRY: pink, mega quartz grains.	
R	49.00	49.50			Cleavage:340, bedding:320/vertical.	
					49.80 - 50.80: QUARTZ PORPHYRY: pink.	
R	53.00	53.10			Cleavage:340, bedding:320/vertical.	
					59.20 - 61.50: QUARTZ PORPHYRY: pink.	
R	61.50	90.15			High shale/ashy mud content, with parts similar to a poorly	
R	61.50	90.15			sorted ash(i.e. LA). Patchy disseminated pyrite.	
R	66.50	66.51			Pug on joint/fault 30 deg to c.a..	
R	74.60	106.60			Third joint direction cleavage:340,bedding:325/steep,Jt060/80N.	
R	90.15	90.16			Upper contact of broken zone is a minor fault with pug:045/65N.	
					90.15 - 90.60: 100% MIXED VOLCANICLASTICS & EPICLASTICS: strongly broken core, with minor pug zones, upper contact: c.a. / 45.	
	106.60	126.00			MAFIC /INTERMEDIATE VOLCANIC.	TYNDALL VOLCANICS
R	106.60	126.00			Fine grained dark green rock with CO3 veins. Minor disseminated	
R	106.60	126.00			pyrite -broken and bleached -related to faulting on lower	
R	106.60	126.00			contact.	
R	113.00	126.00			Puggy joints along core sub-parallel to cleavage:15 deg to c.a.	
R	113.00	126.00			(340 amg), 2nd joint 30-40 deg to c.a.:shallow dipping compared	
R	113.00	126.00			to cleavage i.e. J2:090/40N and 268/070N. Two joint	
R	113.00	126.00			directions possible J3:050/steep, also joints at 320/68N.	
					113.00 - 126.00: 100% MAFIC /INTERMEDIATE VOLCANIC: strongly broken core, with minor pug zones.	
					113.90 - 113.95: PUG ZONE: fault: c.a. / 23.	
	126.00	128.50			FAULT: BROKEN GROUND WITH PUG.	
R	126.00	128.50			Broken Tyndall volcanics with black puggy material on contacts.	
R	126.00	128.50			Upper contact 43 deg to c.a., lower contact 50 deg to c.a.,	
R	126.00	128.50			upper contact marks rock change -probable actual fault.	
	128.50	133.65			LAVAS AND VOLCANICLASTICS: grey, very strongly broken core, with minor pug zones, foliation: c.a. / 10.	TYNDALL VOLCANICS
R	128.50	133.65			Core broken roughly along foliation plus possible two other	
R	128.50	133.65			poorly defined joint directions.	
	133.65	148.70			QUARTZ PORPHYRY: pink.	
R	133.65	148.70			Masive core with weak joint on foliation -slickensides on joint	
R	133.65	148.70			faces.	
					141.20 - 142.40: 100% QUARTZ PORPHYRY: moderately broken core,	

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP059 (CONTINUED)

144

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
	148.70	158.40			MIXED VOLCANICLASTICS & EPICLASTICS: grey, very strongly broken core, with minor pug zones, upper contact: c.a. / 20.	TYNDALL VOLCANICS
R	148.70	158.40			Strongly broken roughly along foliation -random rough joint?	
R	148.70	158.40			:020-040/steep ? possible shallow random joint. Upper contact	
R	148.70	158.40			broken and puggy.	
					149.80 - 149.81: 100% MIXED VOLCANICLASTICS & EPICLASTICS: weak mineralised, quartz-pyrite mineralisation.	
					153.50 - 156.80: 100% MIXED VOLCANICLASTICS & EPICLASTICS: patches of moderate to strong silica-sericite-pyrite alteration, patches of strong silica alteration.	
R	156.80	158.40			Well jointed unit J1:123/50 N. J2:070/35 S. Two JOINTS PLUS	
R	156.80	158.40			FOLIATION.	
					156.80 - 158.40: 100% POORLY-SORTED ASHY VOLCANICLASTIC: pervasive moderate silica-sericite-pyrite alteration.	
	158.40	162.00			MIXED VOLCANICLASTICS & EPICLASTICS: pink, strong silica alteration, quartz carbonate vein/s: 2.5% coarse grained pyrite, 0.3% blebs of chalcopyrite.	TYNDALL VOLCANICS
R	158.40	162.00			Pyrite-chalcopyrite mineralisation associated with quartz-CO3	
R	158.40	162.00			veining.	
	162.00	163.80			MIXED VOLCANICLASTICS & EPICLASTICS: mineralised, 20% quartz-copper mineralisation, 5% coarse grained pyrite, 1% blebs of chalcopyrite.	TYNDALL VOLCANICS
	163.80	166.80			MIXED VOLCANICLASTICS & EPICLASTICS: moderate to strongly broken core, along foliation, joint: 341 / 74.	TYNDALL VOLCANICS
	166.80	173.60			MAJOR QUARTZ VEIN: contact: c.a. / 62.	
R	166.80	169.15			Intensely broken ground with pug and rubble 50% CO3-rich vein.	
R	169.15	171.30			CO3-rich vein.	
R	171.30	173.60			Quartz-CO3 vein, puggy faulted lower contact.	
	173.60	176.30			MIXED VOLCANICLASTICS & EPICLASTICS.	TYNDALL VOLCANICS
R	173.60	176.30			Possibly brecciated and healed volcaniclastics associated with	
R	173.60	176.30			previous faulting.	
	176.30	180.50			MEDIUM GRAINED(SANDY) EPICLASTIC: dark green, joint 1: 230 / 90.	TYNDALL VOLCANICS
					179.20 - 180.50: 100% MEDIUM GRAINED(SANDY) EPICLASTIC: very strongly broken core.	
	180.50	183.90			CONGLOMERATE: upper contact: c.a. / 47.	
R	180.50	183.90			Mixture of rounded siliclastic pebbles and volcanic fragments	

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP059 (CONTINUED)

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	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
R	180.50	183.90			one,two puggy joints. Puggy upper contact;?fault.	
	183.90	188.50			MIXED VOLCANICLASTICS & EPICLASTICS.	TYNDALL VOLCANICS
R	186.00	188.50			Broken on anastomosing jointing sub-parallel to foliation plus	
R	186.00	188.50			JT :150/80 S. 186.00 - 188.50: 100% MIXED VOLCANICLASTICS & EPICLASTICS: strongly broken core.	
	188.50	189.40			MAGOR QUARTZ VEIN.	
	189.40	193.90			LAVAS AND VOLCANICLASTICS: pink, mega quartz grains.	TYNDALL VOLCANICS

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RGC Exploration PTY
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP059 (CONTINUED)

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ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
0.00	154.00								
154.00	155.00	T13201	0.085	2.0	57	260	125	490	6
155.00	156.00	T13202	0.131	3.5	29	255	260	350	6
156.00	157.00	T13203	0.160	1.0	43	55	30	80	7
157.00	158.00	T13204	0.146	0.5	29	75	45	85	17
158.00	159.00	T13205	0.105	-0.5	25	145	55	485	8
159.00	160.00	T13206	0.100	-0.5	34	135	40	310	3
160.00	161.00	T13207	0.105	-0.5	20	570	70	190	5
161.00	162.00	T13208	0.100	-0.5	16	85	40	70	3
162.00	163.00	T13209	0.222	0.5	33	815	55	75	10
163.00	164.30	T13210	0.161	-0.5	38	730	30	70	5

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RGC Explora[illegible]n PTY LTD
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UNDERGROUND DIAMOND DRILLHOLE : HP059 (CONTINUED)

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ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	1.00			0.00		
1.00	2.00			0.00		
2.00	3.00			0.00		
3.00	4.00			90.00		
4.00	5.00			80.00		
5.00	6.00			0.00		
6.00	7.00			10.00		
7.00	8.00			80.00		
8.00	9.00			60.00		
9.00	10.00			60.00		
10.00	11.00			90.00		
11.00	12.00			60.00		
12.00	13.00			50.00		
13.00	14.00			80.00		
14.00	15.00			100.00		
15.00	16.00			100.00		
16.00	17.00			90.00		
17.00	18.00			90.00		
18.00	19.00			100.00		
19.00	20.00			80.00		
20.00	21.00			50.00		
21.00	22.00			50.00		
22.00	23.00			40.00		
23.00	24.00			40.00		
24.00	25.00			60.00		
25.00	26.00			100.00		
26.00	27.00			70.00		
27.00	28.00			70.00		
28.00	29.00			100.00		
29.00	30.00			70.00		
30.00	31.00			20.00		
31.00	32.00			100.00		
32.00	33.00			60.00		
33.00	34.00			50.00		
34.00	35.00			90.00		
35.00	36.00			30.00		
36.00	37.00			70.00		
37.00	38.00			40.00		
38.00	39.00			40.00		
39.00	40.00			70.00		
40.00	41.00			70.00		
41.00	42.00			60.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP059 (CONTINUED)

Tab

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
42.00	43.00			50.00		
43.00	44.00			70.00		
44.00	45.00			30.00		
45.00	46.00			100.00		
46.00	47.00			90.00		
47.00	48.00			90.00		
48.00	49.00			80.00		
49.00	50.00			50.00		
50.00	51.00			60.00		
51.00	52.00			100.00		
52.00	53.00			100.00		
53.00	54.00			90.00		
54.00	55.00			90.00		
55.00	56.00			90.00		
56.00	57.00			70.00		
57.00	58.00			100.00		
58.00	59.00			80.00		
59.00	60.00			50.00		
60.00	61.00			60.00		
61.00	62.00			50.00		
62.00	63.00			80.00		
63.00	64.00			70.00		
64.00	65.00			90.00		
65.00	66.00			60.00		
66.00	67.00			60.00		
67.00	68.00			60.00		
68.00	69.00			50.00		
69.00	70.00			100.00		
70.00	71.00			90.00		
71.00	72.00			70.00		
72.00	73.00			90.00		
73.00	74.00			40.00		
74.00	75.00			10.00		
75.00	76.00			50.00		
76.00	77.00			90.00		
77.00	78.00			80.00		
78.00	79.00			100.00		
79.00	80.00			90.00		
80.00	81.00			70.00		
81.00	82.00			100.00		
82.00	83.00			100.00		
83.00	84.00			100.00		

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RGC Exploration PTY LTD
E.L. 966, HAMILTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP059 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
84.00	85.00			100.00		
85.00	86.00			100.00		
86.00	87.00			20.00		
87.00	88.00			50.00		
88.00	89.00			100.00		
89.00	90.00			40.00		
90.00	91.00			20.00		
91.00	92.00			50.00		
92.00	93.00			40.00		
93.00	94.00			90.00		
94.00	95.00			60.00		
95.00	96.00			70.00		
96.00	97.00			80.00		
97.00	98.00			90.00		
98.00	99.00			90.00		
99.00	100.00			40.00		
100.00	101.00			50.00		
101.00	102.00			80.00		
102.00	103.00			60.00		
103.00	104.00			80.00		
104.00	105.00			50.00		
105.00	106.00			70.00		
106.00	107.00			70.00		
107.00	108.00			60.00		
108.00	109.00			80.00		
109.00	110.00			55.00		
110.00	111.00			80.00		
111.00	112.00			85.00		
112.00	113.00			45.00		
113.00	114.00			0.00		
114.00	115.00			0.00		
115.00	116.00			20.00		
116.00	117.00			10.00		
117.00	118.00			58.00		
118.00	119.00			40.00		
119.00	120.00			74.00		
120.00	121.00			30.00		
121.00	122.00			20.00		
122.00	123.00			10.00		
123.00	124.00			20.00		
124.00	125.00			0.00		
125.00	126.00			20.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP059 (CONTINUED)

1510

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
126.00	127.00			30.00		
127.00	128.00			0.00		
128.00	129.00			0.00		
129.00	130.00			20.00		
130.00	131.00			60.00		
131.00	132.00			10.00		
132.00	133.00			0.00		
133.00	134.00			20.00		
134.00	135.00			30.00		
135.00	136.00			40.00		
136.00	137.00			90.00		
137.00	138.00			100.00		
138.00	139.00			40.00		
139.00	140.00			40.00		
140.00	141.00			60.00		
141.00	142.00			20.00		
142.00	143.00			40.00		
143.00	144.00			70.00		
144.00	145.00			50.00		
145.00	146.00			50.00		
146.00	147.00			80.00		
147.00	148.00			50.00		
148.00	149.00			30.00		
149.00	150.00			20.00		
150.00	151.00			30.00		
151.00	152.00			10.00		
152.00	153.00			0.00		
153.00	154.00			0.00		
154.00	155.00			30.00		
155.00	156.00			50.00		
156.00	157.00			60.00		
157.00	158.00			50.00		
158.00	159.00			40.00		
159.00	160.00			83.00		
160.00	161.00			100.00		
161.00	162.00			70.00		
162.00	163.00			40.00		
163.00	164.00			50.00		
164.00	165.00			30.00		
165.00	166.00			10.00		
166.00	167.00			0.00		
167.00	168.00			30.00		

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E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP059 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
168.00	169.00			0.00		
169.00	170.00			60.00		
170.00	171.00			40.00		
171.00	172.00			20.00		
172.00	173.00			20.00		
173.00	174.00			20.00		
174.00	175.00			40.00		
175.00	176.00			90.00		
176.00	177.00			30.00		
177.00	178.00			40.00		
178.00	179.00			70.00		
179.00	180.00			10.00		
180.00	181.00			25.00		
181.00	182.00			50.00		
182.00	183.00			90.00		
183.00	184.00			80.00		
184.00	185.00			90.00		
185.00	186.00			50.00		
186.00	187.00			30.00		
187.00	188.00			50.00		
188.00	189.00			50.00		
189.00	190.00			25.00		
190.00	191.00			80.00		
191.00	192.00			66.00		

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PGC Exploration PTY LTD
E.L. 956, HENTY PROJECT

SURFACE DIAMOND DRILLHOLE : HP060

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PROJECT IDEN : 5510 START DATE : 9 MAY 89 COMPLETION DATE : 26 MAY 89 LOGGED BY:RHR
COLLAR NORTHING: 64415.70 COLLAR EASTING : 80159.40 COLLAR ELEVATION: 2607.00 GRID AZIMUTH : 0.00
DRILLED BY :LY TOTAL LENGTH : 156.70 CORE/HOLE SIZE : PQHQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		83.50	-52.50	64415.70	80159.40	2607.00
001	35.00		85.00	-54.00			
002	56.00		84.50	-51.75			
003	75.00		84.00	-51.25			
004	96.00		84.00	-51.50			
005	117.00		84.50	-51.00			
006	138.00		84.00	-50.75			

R HED HOLE PURPOSE:Shallow pattern drilling into sill development
R HED area. Target; 64425N, 2500RL.
R HED HOLE SIZE:0-30.2 PQ, 30.2-EOH HQ.
R HED HOLE CONDITION:PVC collar pipe in place and all rods removed.
R HED 20/7/89: Hole not making water.

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	28.10			HANGING WALL:WEATHERED: very strongly broken core, with minor pug zones.	CENTRAL VOLCANICS
	28.10	73.30			MIXED FELSIC AND MAFIC VOLCANICS: foliation: c.a. / 47.	CENTRAL VOLCANICS
	73.30	101.10			MYLONITE AND PUG. 94.00 - 94.60: 100% BLACK SHALE.	HENTY FAULT ZONE
	101.10	121.60			LAVAS AND VOLCANICLASTICS: patches of weak silica-sericite-pyrite alteration. 101.10 - 104.50: 100% LAVAS AND VOLCANICLASTICS: moderate silica alteration.	TYNDALL VOLCANICS
R	104.50	121.60			Pug on joints sub-parallel to foliation. 104.50 - 121.60: 100% LAVAS AND VOLCANICLASTICS: strongly foliated, weak to moderately broken core, with minor pug zones, strong silica-sericite alteration, foliation: c.a. / 30, foliation: c.a. / 40.	
	121.60	132.00			UNDIFFERENTIATED ALTERED VOLCANICLASTICS. 121.60 - 125.60: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderate silica-sericite-pyrite alt. with	

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP060 (CONTINUED)

- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
				co3. 125.60 - 131.90: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderate to strong silica alteration with co3, foliation: c.a. / 36.	
132.00	133.30			INTENSE QUARTZ MINERALISATION: strong quartz-sericite alteration, massive quartz mineralisation, 0.3% coarse grained pyrite.	
133.30	141.20			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, patches of weak carbonate alteration, 2.5% patches of quartz-base metal mineralisation, 2.5% lenses of massive pyrite mineralisation, 2.5% coarse grained pyrite, 0.3% blebs of chalcopyrite, 0.3% blebs of galena.	
141.20	147.00			LAVAS AND VOLCANICLASTICS: strong silica alteration.	TYNDALL VOLCANICS
147.00	156.70			LAVAS AND VOLCANICLASTICS: patches of weak to moderate silica-sericite-pyrite alteration, veinlets of weak carbonate alteration.	TYNDALL VOLCANICS

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP060 (CONTINUED)

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ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
0.00	121.60								
121.60	123.00	T13179	0.016	1.0	11	10	15	90	-1
123.00	124.00	T13181	0.015	1.0	7	5	10	45	-1
124.00	125.00	T13182	-0.008	1.0	4	-5	10	40	-1
125.00	126.00	T13183	-0.008	0.5	3	-5	10	35	-1
126.00	127.00	T13184	-0.008	1.0	3	-5	40	60	-1
127.00	128.00	T13185	3.024	5.0	17	375	300	100	131
128.00	129.00	T13186	-0.008	1.5	8	100	120	215	4
129.00	130.00	T13187	-0.008	1.0	6	10	50	165	1
130.00	131.00	T13188	-0.008	1.0	7	10	15	70	-1
131.00	132.00	T13189	0.126	3.0	11	15	20	65	1
132.00	133.30	T13190	4.336	47.0	8	345	95	55	11
133.30	134.30	T13191	0.240	6.5	28	1020	2300	130	7
134.30	135.30	T13192	0.391	8.0	62	645	570	155	11
135.30	136.30	T13193	0.292	5.0	30	475	200	165	9
136.30	137.30	T13194	0.176	2.5	25	580	90	130	8
137.30	138.30	T13195	0.172	2.5	53	450	110	175	11
138.30	139.30	T13196	0.271	4.0	110	570	235	315	19
139.30	140.30	T13197	0.098	2.0	32	430	105	250	5
140.30	141.30	T13198	0.117	2.5	32	285	125	325	7
141.30	142.30	T13199	-0.008	-0.5	8	15	15	100	-1

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP060 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	72.00					
72.00	73.00			50.00		
73.00	74.00			55.00		
74.00	75.00			75.00		
75.00	76.00			45.00		
76.00	77.00			80.00		
77.00	78.00			35.00		
78.00	79.00			10.00		
79.00	80.00			10.00		
80.00	81.00			0.00		
81.00	82.00			0.00		
82.00	83.00			10.00		
83.00	84.00			60.00		
84.00	85.00			30.00		
85.00	86.00			15.00		
86.00	87.00			30.00		
87.00	88.00			45.00		
88.00	89.00			0.00		
89.00	90.00			0.00		
90.00	91.00			15.00		
91.00	92.00			10.00		
92.00	93.00			10.00		
93.00	94.00			0.00		
94.00	95.00			0.00		
95.00	96.00			0.00		
96.00	97.00			15.00		
97.00	98.00			10.00		
98.00	99.00			0.00		
99.00	100.00			0.00		
100.00	101.00			0.00		
101.00	102.00			20.00		
102.00	103.00			30.00		
103.00	104.00			45.00		
104.00	105.00			50.00		
105.00	106.00			20.00		
106.00	107.00			40.00		
107.00	108.00			65.00		
108.00	109.00			40.00		
109.00	110.00			70.00		
110.00	111.00			35.00		
111.00	112.00			60.00		
112.00	113.00			45.00		

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RGC Exploration TY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP060 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
113.00	114.00			85.00		
114.00	115.00			55.00		
115.00	116.00			65.00		
116.00	117.00			55.00		
117.00	118.00			35.00		
118.00	119.00			65.00		
119.00	120.00			45.00		
120.00	121.00			60.00		
121.00	122.00			50.00		
122.00	123.00			80.00		
123.00	124.00			70.00		
124.00	125.00			60.00		
125.00	126.00			50.00		
126.00	127.00			20.00		
127.00	128.00			60.00		
128.00	129.00			60.00		
129.00	130.00			80.00		
130.00	131.00			50.00		
131.00	132.00			20.00		
132.00	133.00			70.00		
133.00	134.00			30.00		
134.00	135.00			50.00		
135.00	136.00			30.00		
136.00	137.00			40.00		
137.00	138.00			90.00		
138.00	139.00			40.00		
139.00	140.00			90.00		
140.00	141.00			90.00		
141.00	142.00			50.00		
142.00	143.00			70.00		
143.00	144.00			70.00		
144.00	145.00			80.00		
145.00	146.00			100.00		
146.00	147.00			70.00		
147.00	148.00			80.00		
148.00	149.00			70.00		
149.00	150.00			80.00		
150.00	151.00			50.00		
151.00	152.00			80.00		
152.00	153.00			85.00		
153.00	154.00			90.00		
154.00	155.00			50.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP060 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
155.00	156.00			100.00		
156.00	156.70			4.00		

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511158

RGC Exploration PTY LTD
E.L. 966, [illegible]NTY PROJECT

UNDERGROUND DIAMOND DRILLHOLE : HP061

PROJECT IDEN : 5510 START DATE : 30 MAY 89 COMPLETION DATE : 5 JUN 89 LOGGED BY:RHR
COLLAR NORTHING: 64224.20 COLLAR EASTING : 80260.90 COLLAR ELEVATION: 2544.60 GRID AZIMUTH : 0.00
DRILLED BY :LY TOTAL LENGTH : 93.00 CORE/HOLE SIZE : HQNQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		270.50	-17.00	64224.20	80260.90	2544.60
001	45.00		267.50	-16.00			
002	90.00		268.00	-16.50			

R HED HOLE PURPOSE:Fan hole from cuddy #4. Target: 64225N, 2525RL.
R HED HOLE SIZE:0-1.3 HQ, 1.3-EOH TT56.
R HED HOLE CONDITION:Stem pipe (1.3m) and gate valve.

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	20.90			MIXED VOLCANICLASTICS & EPICLASTICS. 0.00 - 2.20: 100% MIXED VOLCANICLASTICS & EPICLASTICS: grey, weak silica-pyrite alteration. 1.50 - 1.70: 100% MIXED VOLCANICLASTICS & EPICLASTICS: strong silica-hematite alteration. 2.20 - 5.00: 100% LAVAS AND VOLCANICLASTICS: pink, quartz phyric. 5.00 - 7.95: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC. 7.95 - 11.20: 100% LAVAS AND VOLCANICLASTICS: pink-green. 11.20 - 16.00: 70% VERY FINE GRAINED(SHALEY) EPICLASTIC: grey, bedding: c.a. / 40, joint set: c.a. / 55. 16.00 - 20.90: 30% COARSE-GRAINED(PEBBLY) EPICLASTIC. 16.00 - 20.90: 70% LAVAS AND VOLCANICLASTICS: pink-green. 18.10 - 18.80: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: veinlets of strong sericite-chlorite alteration, 0.3% blebs of fluorite, 0.3% euhedral crystals of pyrite, 0.3% blebs of chalcopyrite.	TYNDALL VOLCANICS
	20.90	29.70			VOLCANICLASTIC BRECCIA WITH SHALE CLA.	TYNDALL VOLCANICS
R	20.90	29.70			Feldspar phyric-rich fragments with feathery edges plus shale
R	20.90	29.70			fragments with bedding. 25.10 - 25.40: 100% VOLCANICLASTIC BRECCIA WITH SHALE CLA: strongly broken core.	
	29.70	38.00			COARSE-GRAINED(PEBBLY) EPICLASTIC.	TYNDALL VOLCANICS
R	29.70	38.00			Classic example of course epiclastic with quartz pophyry,
R	29.70	38.00			shale and hematitic fragments.	

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP061 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	38.00	51.50			MIXED VOLCANICLASTICS & EPICLASTICS: lower contact: c.a. / 72.	TYNDALL VOLCANICS
	51.50	59.50			SHALE: black, bedding/cleavage: c.a. / 90, j/: c.a. / 60.	TYNDALL VOLCANICS
R	51.50	59.50			Black and brown silt to shale, well bedded and cleaved.	
R	51.50	59.50			Possibly Newton Creek shales? Bedding/cleavage can vary from 90	
R	51.50	59.50			to 65 deg to c.a.. Facing appears to be up the hole.	
R	53.10	53.70			Large volumE of sand below core blocks. Must have fallen down	
R	53.10	53.70			the hole above 53.1M? Washed out from fault at 51.5M?	
	59.50	72.35			UNDIFFERENTIATED EPICLASTICS.	TYNDALL VOLCANICS
R	59.50	72.35			Mixed coarse and shaley epiclastics.	
					69.10 - 71.00: 100% MAJOR QUARTZ VEIN.	
	72.35	72.50			FAULT: BROKEN GROUND WITH PUG: fault: c.a. / 30.	
R	72.35	72.50			Silicified and brecciated -minor pyrite/chalcopyrite infilling	
R	72.35	72.50			in breccia.	
	72.50	75.00			QUARTZ-SULPHIDE MINERALISATION: grey, moderate to strongly broken core, strong silica-sericite-pyrite alteration, 30% quartz-copper mineralisation, 1% coarse grained pyrite, 0.3% blebs of chalcopyrite.	
	75.00	77.30			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: pink, moderate to strongly broken core, moderate to strong silica-sericite alteration.	
	77.30	80.15			QUARTZ-SULPHIDE MINERALISATION: moderate to strongly broken core, strong silica-sericite-pyrite alteration, patches of strong quartz-sericite alteration, 20% quartz-copper mineralisation, 2.5% coarse grained pyrite, 1% blebs of chalcopyrite.	
R	77.30	80.15			Epiclastic textures in less altered sections of core.	
	80.15	91.90			UNDIFFERENTIATED ALTERED VOLCANICLASTICS.	
					80.15 - 82.80: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderate to strongly broken core, moderate to strong silica-sericite-pyrite alteration.	
					82.80 - 91.90: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderate to strongly broken core, with minor pug zones, moderate to strong silica-sericite alteration, patches of extreme silica alteration.	
	91.90	93.00			MYLONITE AND PUG.	HENTY FAULT ZONE

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RGC Exploration PT LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP061 (CONTINUED)

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ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
0.00	72.40								
72.40	73.40	T13219	0.054	0.5	11	670	20	190	12
73.40	74.40	T13221	0.729	1.5	18	1850	-5	80	2
74.40	75.40	T13222	0.774	0.5	12	1450	-5	85	52
75.40	76.40	T13223	0.013	-0.5	5	15	-5	85	-1
76.40	77.40	T13224	0.011	-0.5	5	10	-5	85	-1
77.40	78.40	T13225	0.132	0.5	24	430	50	70	5
78.40	79.40	T13226	2.180	0.5	9	950	10	35	1
79.40	80.40	T13227	1.480	0.5	10	1400	-5	45	2
80.40	81.40	T13228	0.044	0.5	18	25	-5	160	1
81.40	82.40	T13229	0.064	0.5	16	20	-5	150	-1
82.40	83.40	T13230	0.035	-0.5	10	10	-5	55	2

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RGC Exploration PTY [illegible]D
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP061 (CONTINUED)

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ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	1.00			15.00		
1.00	2.00			20.00		
2.00	3.00			35.00		
3.00	4.00			76.00		
4.00	5.00			43.00		
5.00	6.00			80.00		
6.00	7.00			100.00		
7.00	8.00			90.00		
8.00	9.00			90.00		
9.00	10.00			90.00		
10.00	11.00			40.00		
11.00	12.00			60.00		
12.00	13.00			46.00		
13.00	14.00			36.00		
14.00	15.00			26.00		
15.00	16.00			43.00		
16.00	17.00			70.00		
17.00	18.00			46.00		
18.00	19.00			60.00		
19.00	20.00			84.00		
20.00	21.00			80.00		
21.00	22.00			100.00		
22.00	23.00			52.00		
23.00	24.00			90.00		
24.00	25.00			23.00		
25.00	26.00			0.00		
26.00	27.00			12.00		
27.00	28.00			90.00		
28.00	29.00			90.00		
29.00	30.00			66.00		
30.00	31.00			60.00		
31.00	32.00			60.00		
32.00	33.00			85.00		
33.00	34.00			100.00		
34.00	35.00			92.00		
35.00	36.00			90.00		
36.00	37.00			96.00		
37.00	38.00			96.00		
38.00	39.00			0.00		
39.00	40.00			56.00		
40.00	41.00			68.00		
41.00	42.00			55.00		

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RGC Exploration PTY
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP061 (CONTINUED)

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ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
42.00	43.00			60.00		
43.00	44.00			90.00		
44.00	45.00			90.00		
45.00	46.00			80.00		
46.00	47.00			70.00		
47.00	48.00			12.00		
48.00	49.00			50.00		
49.00	50.00			70.00		
50.00	51.00			29.00		
51.00	52.00			30.00		
52.00	53.00			15.00		
53.00	54.00			0.00		
54.00	55.00			10.00		
55.00	56.00			60.00		
56.00	57.00			20.00		
57.00	58.00			0.00		
58.00	59.00			0.00		
59.00	60.00			26.00		
60.00	61.00			32.00		
61.00	62.00			80.00		
62.00	63.00			85.00		
63.00	64.00			80.00		
64.00	65.00			20.00		
65.00	66.00			0.00		
66.00	67.00			0.00		
67.00	68.00			0.00		
68.00	69.00			0.00		
69.00	70.00			30.00		
70.00	71.00			55.00		
71.00	72.00			70.00		
72.00	73.00			20.00		
73.00	74.00			50.00		
74.00	75.00			15.00		
75.00	76.00			20.00		
76.00	77.00			10.00		
77.00	78.00			0.00		
78.00	79.00			0.00		
79.00	80.00			15.00		
80.00	81.00			35.00		
81.00	82.00			12.00		
82.00	83.00			30.00		
83.00	84.00			10.00		

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RGC Exploration PTY L
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP061 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
84.00	85.00			20.00		
85.00	86.00			50.00		
86.00	87.00			27.00		
87.00	88.00			17.00		
88.00	89.00			11.00		
89.00	90.00			20.00		
90.00	91.00			0.00		
91.00	92.00			0.00		
92.00	93.00			0.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

SURFACE DIAMOND DRILLHOLE : HP062

PROJECT IDEN : 5510 | START DATE : 31 MAY 89 | COMPLETION DATE : 5 JUL 89 | LOGGED BY:RHR
COLLAR NORTHING: 63890.80 | COLLAR EASTING : 79675.70 | COLLAR ELEVATION: 2656.40 | GRID AZIMUTH : 0.00
DRILLED BY :LY | TOTAL LENGTH : 590.50 | CORE/HOLE SIZE : HQNQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		103.50	-55.00	63880.80	79675.70	2656.40
001	37.00		101.00	-56.00			
002	58.00		102.00	-55.00			
003	79.00		102.00	-54.00			
004	136.00		102.00	-54.00			
005	157.00		101.50	-53.50			
006	178.00		101.50	-53.00			
007	199.00		100.50	-52.75			
008	220.00		101.00	-52.75			
009	241.00		101.00	-52.25			
010	262.00		101.00	-52.00			
011	286.00		99.50	-51.00			
012	307.00		98.00	-51.00			
013	328.00		100.00	-50.00			
014	349.00		97.00	-48.25			
015	370.00		98.00	-47.00			
016	391.00		99.00	-45.00			
017	412.00		100.00	-43.50			
018	433.00		99.00	-42.50			
019	454.00		99.50	-41.00			
020	475.00		99.00	-40.50			
021	499.00		99.30	-40.30			
022	518.00		99.00	-40.00			
023	544.00		102.00	-39.00			
024	571.00		103.00	-38.00			

R HED HOLE PURPOSE:Deep intersection of gold mineralisation.
R HED Target;63800N, 2250RL.
R HED HOLE SIZE:0-30.1 PQ, 30.1-519 HQ, 519-EOH TT56.
R HED HOLE CONDITION:PVC collar pipe. Cut casing at 480
R HED metres, 480-518.9m HQ rods stuck in hole.

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP062 (CONTINUED)

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	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	21.50			HANGING WALL:WEATHERED.	CENTRAL VOLCANICS
	21.50	50.80			PREDOMINANTLY MAFIC VOLCANICS: green, with hornblende phenocrysts.	CENTRAL VOLCANICS
	50.80	87.20			MIXED FELSIC AND MAFIC VOLCANICS: pink-green.	CENTRAL VOLCANICS
	87.20	136.70			PREDOMINANTLY MAFIC VOLCANICS: green.	CENTRAL VOLCANICS
	136.70	153.20			MIXED FELSIC AND MAFIC VOLCANICS: upper contact: c.a. / 45.	CENTRAL VOLCANICS
	153.20	190.30			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink-green.	CENTRAL VOLCANICS
	190.30	197.00			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
	197.00	220.30			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: orange, moderate to strong k-feldspar alteration.	CENTRAL VOLCANICS
	220.30	223.70			PREDOMINANTLY MAFIC VOLCANICS: dark green.	CENTRAL VOLCANICS
R	223.00	223.60			Hematitic coatings on joints.	
	223.70	238.80			MIXED FELSIC AND MAFIC VOLCANICS: dark green, moderate k-feldspar alteration, hematite vein/s: quartz carbonate vein/s.	CENTRAL VOLCANICS
	238.80	257.50			PREDOMINANTLY MAFIC VOLCANICS: dark green. 250.20 - 251.70: 100% PREDOMINANTLY MAFIC VOLCANICS: light green, strongly broken core, with prominent pug zones.	CENTRAL VOLCANICS
	257.50	286.50			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
R	264.45	264.50			Pug zone.	
	286.50	293.70			PREDOMINANTLY MAFIC VOLCANICS: dark green.	CENTRAL VOLCANICS
	293.70	294.70			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink-green.	CENTRAL VOLCANICS
	294.70	297.00			PREDOMINANTLY MAFIC VOLCANICS: dark green.	CENTRAL VOLCANICS
	297.00	299.10			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: yellow-green. 298.70 - 299.10: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: strongly broken core, with prominent pug zones.	CENTRAL VOLCANICS
	299.10	311.30			PREDOMINANTLY MAFIC VOLCANICS: dark green.	CENTRAL VOLCANICS

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP062 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
	311.30	422.50			MIXED FELSIC AND MAFIC VOLCANICS. 311.30 - 320.00: 100% MIXED FELSIC AND MAFIC VOLCANICS: foliation: c.a. / 50. 321.80 - 322.80: 100% MIXED FELSIC AND MAFIC VOLCANICS: strongly broken core, with prominent pug zones. 380.70 - 381.00: 100% MIXED FELSIC AND MAFIC VOLCANICS: strongly broken core, with minor pug zones. 400.00 - 400.50: 100% MIXED FELSIC AND MAFIC VOLCANICS: moderately broken core. 414.50 - 416.90: 100% MIXED FELSIC AND MAFIC VOLCANICS: very strongly broken core, with prominent pug zones. 416.90 - 421.70: 100% MIXED FELSIC AND MAFIC VOLCANICS: strongly broken core, with minor pug zones.	CENTRAL VOLCANICS
	422.50	453.40			PREDOMINANTLY MAFIC VOLCANICS: hematite vein/s: quartz carbonate vein/s. 423.20 - 431.00: 100% PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
R	423.50	423.60			Major pug zone.	
	453.40	456.20			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink.	CENTRAL VOLCANICS
	456.20	480.70			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	480.70	484.40			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink-green, foliation: c.a. / 60.	CENTRAL VOLCANICS
	484.40	494.40			MYLONITE AND PUG: foliation: c.a. / 60, upper contact: c.a. / 75.	HENTY FAULT ZONE
	494.40	500.20			CRUSH ZONE. 495.40 - 500.20: 100% CRUSH ZONE: mineralised.	HENTY FAULT ZONE
	500.20	510.00			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 20% quartz-base metal mineralisation, 2.5% coarse grained pyrite, 1% blebs of chalcopyrite, 0.3% blebs of galena, 0.3% blebs of sphalerite. 503.00 - 505.60: 100% QUARTZ-SULPHIDE MINERALISATION: moderate to strong quartz-sericite alteration, 50% quartz-base metal mineralisation, 1% blebs of galena, 1% blebs of sphalerite.	
	510.00	545.10			LAVAS AND VOLCANICLASTICS. 510.00 - 511.70: 100% MIXED VOLCANICLASTICS & EPICLASTICS: grey, upper contact: c.a. / 55. 511.70 - 512.90: 100% LAVAS AND VOLCANICLASTICS: pink.	TYNDALL VOLCANICS

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP062 (CONTINUED)

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
					512.90 - 515.40: 100% QUARTZ-PHYRIC RICH VOLCANICLASTICS: buff. 515.40 - 520.00: 100% INTENSELY SILICIFIED ZONE: very strong silica alteration. 524.80 - 538.00: 100% LAVAS AND VOLCANICLASTICS: pervasive extremely weak silica-sericite-pyrite alteration, 1% lenses of carbonate.	
R	538.00	545.00			Fragmental texture appears to be evident, may result from	
R	538.00	545.00			increased alteration. 538.00 - 545.00: 100% LAVAS AND VOLCANICLASTICS: patches of moderate silica-sericite-pyrite alteration, 1% lenses of carbonate.	
	545.10	549.30			INTENSELY SILICIFIED ZONE: quartz vein/s.	
R	545.10	548.80			Appears to be silicified volcanic.	
R	545.10	549.30			Silicification and quartz veining marks an original contact ?	
R	545.10	549.30			fault.	
R	548.80	549.30			Appears to be silicified fine-grained gray sediment.	
	549.30	559.50			VERY FINE GRAINED(SHALEY) EPICLASTIC: grey-green, patches of weak to moderate silica alteration.	TYNDALL VOLCANICS
R	549.30	559.50			Patchy sedimentary layering in places. Layering appears to be	
R	549.30	559.50			broken up.	
	559.50	569.40			UNDIFFERENTIATED EPICLASTICS: patches of very strong silica alteration. 561.40 - 565.60: 100% INTENSELY SILICIFIED ZONE.	TYNDALL VOLCANICS
	569.40	581.10			COARSE-GRAINED(PEBBLY) EPICLASTIC.	TYNDALL VOLCANICS
R	569.40	581.10			Well sorted grain-supported mixture of pink quartz-phyric	
R	569.40	581.10			volcanic fragments and quartz phenocrysts. Typical grain size	
R	569.40	581.10			1-3mm with larger fragments up to 2cm. Contains irregular	
R	569.40	581.10			patches of fine-grained sediment.	
	581.10	590.50			UNDIFFERENTIATED EPICLASTICS: upper contact: c.a. / 45.	TYNDALL VOLCANICS
R	581.10	590.50			Mixture of medium to fine-grained epiclastics ranging to medium	
R	581.10	590.50			to coarse grained. Sandy epiclastics occur as pink fragmented	
R	581.10	590.50			layers in the finer grained green epiclastics. The original	
R	581.10	590.50			sandy layers appear to have been boudined and dislocated during	
R	581.10	590.50			deformation. 583.70 - 585.95: 100% UNDIFFERENTIATED EPICLASTICS: strong silica-hematite alteration, 2.5% veinlets of carbonate, 0.3% coarse grained pyrite, 0.1% blebs of chalcopyrite.	

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP062 (CONTINUED)

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ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
494.50	495.60	T13299	0.425	4.5	13	290	450	115	12
495.60	497.00	T13301	0.245	3.5	15	350	1300	875	7
497.00	498.00	T13302	0.308	5.0	13	305	540	230	7
498.00	499.00	T13303	0.289	3.0	13	200	390	455	6
499.00	500.00	T13304	0.288	5.5	16	625	2500	1250	8
500.00	501.00	T13305	0.280	3.5	14	440	1600	415	15
501.00	502.00	T13306	0.322	3.0	18	105	495	510	9
502.00	503.00	T13307	0.427	7.0	18	385	1950	680	13
503.00	504.00	T13308	0.326	5.5	12	365	1450	45	18
504.00	505.00	T13309	0.315	3.5	11	100	540	410	10
505.00	506.00	T13310	0.342	5.5	16	250	2100	2800	14
506.00	507.00	T13311	0.248	7.0	29	395	2250	590	13
507.00	508.00	T13312	0.201	7.5	38	600	2950	2950	5
508.00	509.00	T13313	0.156	3.5	28	235	725	250	5
509.00	510.00	T13314	0.105	3.0	56	1030	300	170	10
510.00	511.00	T13315	0.060	1.0	28	85	65	105	3
511.00	512.00	T13316	0.015	0.5	6	40	25	75	1
512.00	513.00	T13317	-0.008	0.5	5	15	5	50	3
539.00	540.00	T13330	0.020	-0.5	26	15	30	95	-1
540.00	541.00	T13331	0.022	-0.5	31	20	30	60	5
541.00	542.00	T13332	0.026	-0.5	15	20	35	80	-1
542.00	543.00	T13333	0.046	-0.5	16	20	65	145	1
543.00	544.00	T13334	0.048	-0.5	12	25	70	100	-1
544.00	545.00	T13335	0.160	-0.5	16	40	35	115	3
545.00	546.00	T13336	0.026	-0.5	4	20	15	30	5
546.00	547.00	T13337	-0.008	-0.5	1	85	10	40	-1
547.00	548.00	T13338	-0.008	-0.5	-1	10	15	15	-1
548.00	549.30	T13339	0.008	-0.5	1	15	15	20	-1

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP062 (CONTINUED)

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ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	487.00					
487.00	488.00			0.00		
488.00	489.00			0.00		
489.00	490.00			0.00		
490.00	491.00			0.00		
491.00	492.00			0.00		
492.00	493.00			0.00		
493.00	494.00			0.00		
494.00	495.00			0.00		
495.00	496.00			0.00		
496.00	497.00			10.00		
497.00	498.00			0.00		
498.00	499.00			30.00		
499.00	500.00			20.00		
500.00	501.00			60.00		
501.00	502.00			20.00		
502.00	503.00			50.00		
503.00	504.00			40.00		
504.00	505.00			40.00		
505.00	506.00			55.00		
506.00	507.00			20.00		
507.00	508.00			65.00		
508.00	509.00			20.00		
509.00	510.00			0.00		
510.00	511.00			15.00		
511.00	512.00			60.00		
512.00	513.00			55.00		
513.00	514.00			20.00		
514.00	515.00			90.00		
515.00	516.00			95.00		
516.00	517.00			60.00		
517.00	518.00			35.00		
518.00	519.00			52.00		
519.00	520.00			80.00		
520.00	521.00			0.00		
521.00	522.00			25.00		
522.00	523.00			100.00		
523.00	524.00			55.00		
524.00	525.00			90.00		
525.00	526.00			93.00		
526.00	527.00			90.00		
527.00	528.00			80.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP062 (CONTINUED)

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ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
528.00	529.00			30.00		
529.00	530.00			100.00		
530.00	531.00			90.00		
531.00	532.00			63.00		
532.00	533.00			60.00		
533.00	534.00			55.00		
534.00	535.00			30.00		
535.00	536.00			0.00		
536.00	537.00			45.00		
537.00	538.00			60.00		
538.00	539.00			50.00		
539.00	540.00			100.00		
540.00	541.00			100.00		
541.00	542.00			70.00		
542.00	543.00			80.00		
543.00	544.00			60.00		
544.00	545.00			50.00		
545.00	546.00			18.00		
546.00	547.00			45.00		
547.00	548.00			85.00		
548.00	549.00			30.00		
549.00	550.00			20.00		
550.00	551.00			55.00		
551.00	552.00			65.00		
552.00	553.00			90.00		
553.00	554.00			70.00		
554.00	555.00			47.00		
555.00	556.00			60.00		
556.00	557.00			55.00		
557.00	558.00			90.00		
558.00	559.00			75.00		
559.00	560.00			85.00		
560.00	561.00			25.00		
561.00	562.00			80.00		
562.00	563.00			60.00		
563.00	564.00			40.00		
564.00	565.00			20.00		
565.00	566.00			20.00		
566.00	567.00			30.00		
567.00	568.00			75.00		
568.00	569.00			0.00		
569.00	570.00			100.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
SURFACE DIAMOND DRILLHOLE : HP062 (CONTINUED)

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ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
570.00	571.00			80.00		
571.00	572.00			75.00		
572.00	573.00			80.00		
573.00	574.00			85.00		
574.00	575.00			60.00		
575.00	576.00			85.00		
576.00	577.00			60.00		
577.00	578.00			86.00		
578.00	579.00			90.00		
579.00	580.00			90.00		
580.00	581.00			100.00		
581.00	582.00			100.00		
582.00	583.00			80.00		
583.00	584.00			90.00		
584.00	585.00			100.00		
585.00	586.00			100.00		
586.00	587.00			100.00		
587.00	588.00			70.00		
588.00	589.00			70.00		
589.00	590.00			15.00		
590.00	591.00			20.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

UNDERGROUND DIAMOND DRILLHOLE : HP063

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PROJECT IDEN : 5510 START DATE : 5 JUN 89 COMPLETION DATE : 14 JUN 89 LOGGED BY:RHR
COLLAR NORTHING: 64224.20 COLLAR EASTING : 80260.90 COLLAR ELEVATION: 2544.40 GRID AZIMUTH : 0.00
DRILLED BY :JP TOTAL LENGTH : 100.50 CORE/HOLE SIZE : HQNQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		270.30	-20.00	64224.20	80260.90	2544.40
001	45.00		267.00	-20.25			
002	90.00		266.00	-20.00			

R HED HOLE PURPOSE:Fan hole from cuddy #4. Target; 64225N, 2520RL.
R HED HOLE SIZE 0-1.5 HQ, 1.5-EOH TT56.
R HED HOLE CONDITION:Stem pipe (1.5m) and gate valve.

- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
0.00	0.01			NO CORE.	
0.01	8.95			COARSE-GRAINED(PEBBLY) EPICLASTIC. 0.01 - 2.50: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: grey, very weak silica-sericite-pyrite alteration. 2.50 - 8.95: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: pink.	TYNDALL VOLCANICS
8.95	53.75			MIXED VOLCANICLASTICS & EPICLASTICS.	TYNDALL VOLCANICS
R 8.95	53.75			Identical mixture of rocks as seen in HP065. 8.95 - 11.60: 100% LAVAS AND VOLCANICLASTICS: pink-green. 16.40 - 19.20: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC. 20.90 - 29.70: 60% VOLCANICLASTIC BRECCIA WITH SHALE CLA.	
53.75	58.90			SHALE: black, bedding/cleavage: c.a. / 68.	
R 53.75	58.90			Sharp but irregular upper contact. The black shales grade down	
R 53.75	58.90			into the greenish grey volcaniclastic shales.	
58.90	71.95			VERY FINE GRAINED(SHALEY) EPICLASTIC: grey-green, kink fold/s, foliation: c.a. / 68.	TYNDALL VOLCANICS
R 58.90	71.95			Shear fractures throughout which are kinked and folded. Sharp	
R 58.90	71.95			lower contact but cannot measure.	
71.95	79.10			COARSE-GRAINED(PEBBLY) EPICLASTIC.	TYNDALL VOLCANICS
79.10	83.90			UNDIFFERENTIATED ALTERED VOLCANICLASTICS. 79.10 - 82.05: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: very strongly broken core, with prominent pug zones, weak to	

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP063 (CONTINUED)

Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
				moderate quartz-sericite alteration. 79.20 - 79.30: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: mineralised, 0.3% veinlets of quartz-copper mineralisation. 82.05 - 83.90: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderate to strongly broken core, strong silica alteration, patches of weak silica-sericite-pyrite alteration.	
83.90	86.10			QUARTZ-SULPHIDE MINERALISATION: moderate to strongly broken core, patches of strong silica-sericite-pyrite alteration, patches of strong silica alteration, 30% patches of quartz-pyrite mineralisation, 5% lenses of massive pyrite mineralisation, 20% coarse grained pyrite, 0.3% blebs of chalcopyrite.	
86.10	93.60			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderate to strongly broken core, pervasive weak to moderate silica-sericite-pyrite alteration.	
93.60	95.50			QUARTZ-SULPHIDE MINERALISATION: strongly broken core, with minor pug zones, weak to moderate silica-sericite-pyrite alteration, 20% patches of quartz-copper mineralisation, 0.3% blebs of chalcopyrite.	
95.50	100.00			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: intensely broken core, with prominent pug zones, strong silica alteration, 0.3% veinlets of pyrite.	
100.00	100.50			CRUSH ZONE.	HENTY FAULT ZONE

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RGC Exploration PTY LTD
E.L. 966, HE[illegible]Y PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP063 (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
0.00	78.00								
78.00	79.00	T13249	0.013	-0.5	3	5	10	80	-1
79.00	80.00	T13250	-0.008	-0.5	2	10	10	75	1
80.00	81.00	T13251	-0.008	-0.5	3	5	5	80	-1
81.00	82.00	T13252	0.099	-0.5	7	50	10	65	-1
82.00	83.00	T13253	-0.008	-0.5	5	10	5	70	-1
83.00	84.00	T13254	0.028	-0.5	13	40	10	70	1
84.00	85.00	T13255	0.076	-0.5	17	365	15	110	4
85.00	86.00	T13256	0.974	2.5	69	10500	325	245	22
86.00	87.00	T13257	0.512	1.0	19	450	55	130	-1
87.00	88.00	T13258	0.047	-0.5	12	30	10	80	-1
88.00	89.00	T13259	0.059	-0.5	23	15	15	75	3
89.00	90.00	T13261	0.062	-0.5	26	20	10	100	-1
90.00	91.00	T13262	0.043	-0.5	21	25	10	115	-1
91.00	92.00	T13263	0.029	-0.5	19	10	20	135	1
92.00	93.00	T13264	0.010	-0.5	13	10	-5	25	1
93.00	94.00	T13265	0.018	-0.5	16	15	-5	50	-1
94.00	95.00	T13266	0.446	2.0	19	300	-5	25	-1
95.00	96.00	T13267	2.665	1.5	30	755	25	45	4
96.00	97.00	T13268	0.020	-0.5	14	15	-5	35	-1
97.00	98.00	T13269	0.009	-0.5	5	30	5	215	-1
98.00	99.00	T13270	0.010	-0.5	8	20	5	25	1
99.00	100.00	T13271	0.055	-0.5	17	75	-5	55	-1

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RGC Exploration PTY LTD
E.L. 966, HP[illegible]Y PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP063 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	1.00			11.00		
1.00	2.00			32.00		
2.00	3.00			80.00		
3.00	4.00			65.00		
4.00	5.00			50.00		
5.00	6.00			90.00		
6.00	7.00			100.00		
7.00	8.00			100.00		
8.00	9.00			85.00		
9.00	10.00			50.00		
10.00	11.00			20.00		
11.00	12.00			100.00		
12.00	13.00			80.00		
13.00	14.00			60.00		
14.00	15.00			60.00		
15.00	16.00			40.00		
16.00	17.00			80.00		
17.00	18.00			74.00		
18.00	19.00			100.00		
19.00	20.00			75.00		
20.00	21.00			65.00		
21.00	22.00			35.00		
22.00	23.00			50.00		
23.00	24.00			70.00		
24.00	25.00			100.00		
25.00	26.00			20.00		
26.00	27.00			0.00		
27.00	28.00			10.00		
28.00	29.00			45.00		
29.00	30.00			80.00		
30.00	31.00			100.00		
31.00	32.00			90.00		
32.00	33.00			80.00		
33.00	34.00			70.00		
34.00	35.00			100.00		
35.00	36.00			80.00		
36.00	37.00			60.00		
37.00	38.00			70.00		
38.00	39.00			65.00		
39.00	40.00			87.00		
40.00	41.00			60.00		
41.00	42.00			75.00		

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RGC Exploration PTY LTD
E.L. 966, HE[illegible] PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP063 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
42.00	43.00			70.00		
43.00	44.00			70.00		
44.00	45.00			80.00		
45.00	46.00			100.00		
46.00	47.00			40.00		
47.00	48.00			40.00		
48.00	49.00			50.00		
49.00	50.00			80.00		
50.00	51.00			50.00		
51.00	52.00			70.00		
52.00	53.00			50.00		
53.00	54.00			30.00		
54.00	55.00			0.00		
55.00	56.00			13.00		
56.00	57.00			0.00		
57.00	58.00			20.00		
58.00	59.00			40.00		
59.00	60.00			35.00		
60.00	61.00			0.00		
61.00	62.00			30.00		
62.00	63.00			20.00		
63.00	64.00			16.00		
64.00	65.00			23.00		
65.00	66.00			30.00		
66.00	67.00			12.00		
67.00	68.00			0.00		
68.00	69.00			30.00		
69.00	70.00			16.00		
70.00	71.00			10.00		
71.00	72.00			0.00		
72.00	73.00			76.00		
73.00	74.00			53.00		
74.00	75.00			51.00		
75.00	76.00			12.00		
76.00	77.00			20.00		
77.00	78.00			20.00		
78.00	79.00			0.00		
79.00	80.00			0.00		
80.00	81.00			0.00		
81.00	82.00			0.00		
82.00	83.00			40.00		
83.00	84.00			35.00		

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RGC Explorat[illegible] PTY LTD
E.L. 966, HE[illegible] PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP063 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
84.00	85.00			20.00		
85.00	86.00			50.00		
86.00	87.00			23.00		
87.00	88.00			23.00		
88.00	89.00			10.00		
89.00	90.00			0.00		
90.00	91.00			0.00		
91.00	92.00			0.00		
92.00	93.00			15.00		
93.00	94.00			0.00		
94.00	95.00			0.00		
95.00	96.00			0.00		
96.00	97.00			14.00		
97.00	98.00			22.00		
98.00	99.00			0.00		
99.00	100.00			0.00		
100.00	100.50			0.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

UNDERGROUND DIAMOND DRILLHOLE : HP064

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PROJECT IDEN : 5510 START DATE : 3 JUN 89 COMPLETION DATE : 9 JUN 89 LOGGED BY:RHR
COLLAR NORTHING: 64317.50 COLLAR EASTING : 30269.25 COLLAR ELEVATION: 2534.00 GRID AZIMUTH : 0.00
DRILLED BY :JP TOTAL LENGTH : 50.60 CORE/HOLE SIZE : NQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		0.00	-7.00	64317.50	30269.25	2534.00

R HED HOLE PURPOSE:Collared at decline face at 502m. Drilled along
R HED proposed path of decline to test ground conditions.
R HED HOLE SIZE:0-EOH TT56.
R HED HOLE CONDITION:Hole lost in development. Hole made water at
R HED 44.8m to 47.8m.

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	13.40			LAVAS AND VOLCANICLASTICS. 0.00 - 1.40: 100% LAVAS AND VOLCANICLASTICS: moderate to strong silica-sericite-pyrite alteration, 1% quartz-pyrite mineralisation.	TYNDALL VOLCANICS
R	4.50	4.60			Foliation:340,J1:145/73 S.,J2287/30 N. 4.60 - 5.70: 100% LAVAS AND VOLCANICLASTICS: pink, mega quartz grains.	
	13.40	21.00			INTENSE QUARTZ MINERALISATION: strong quartz-sericite alteration, 50% quartz-base metal mineralisation, 2.5% veinlets of carbonate, 5% coarse grained pyrite, 2.5% blebs of chalcopyrite, 2.5% veinlets of galena.	
	21.00	38.30			LAVAS AND VOLCANICLASTICS: pink-green.	TYNDALL VOLCANICS
R	21.00	38.30			Two joints plus cleavage present: J1;330/80 N,J2;084/85 S. J1	
R	21.00	38.30			is a steep joint striking approx. 150-330 amg.	
	38.30	45.60			VOLCANICLASTIC BRECCIA WITH SHALE CLA. 38.30 - 39.10: 100% VOLCANICLASTIC BRECCIA WITH SHALE CLA: calcite vein/s. 39.10 - 41.50: 100% VOLCANICLASTIC BRECCIA WITH SHALE CLA: lenses of moderate carbonate alteration. 42.20 - 42.25: 100% VOLCANICLASTIC BRECCIA WITH SHALE CLA: patches of silica-hematite alteration. 43.60 - 45.60: 100% VOLCANICLASTIC BRECCIA WITH SHALE CLA: moderate to strongly broken core.	TYNDALL VOLCANICS
R	44.80	45.60			Hole making water.	

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP064 (CONTINUED)

Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
45.60	50.60			COARSE-GRAINED(PEBBLY) EPICLASTIC.	TYNDALL VOLCANICS

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP064 (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
0.00	13.40								
13.40	14.40	T13211	4.700	15.0	64	3975	2850	3050	40
14.40	15.40	T13212	3.360	19.5	36	5000	6750	6800	28
15.40	16.00	T13213	2.170	3.5	20	2300	595	115	12
16.00	17.00	T13214	3.000	4.0	10	815	450	420	16
17.00	18.00	T13215	0.292	1.0	4	575	80	60	-1
18.00	19.00	T13216	1.280	6.5	36	2700	975	1600	110
19.00	20.00	T13217	2.410	5.5	30	1050	625	250	25
20.00	21.00	T13218	0.110	1.0	16	225	195	80	-1

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5171181

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP064 (CONTINUED)

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ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	1.00			20.00		
1.00	2.00			70.00		
2.00	3.00			60.00		
3.00	4.00			60.00		
4.00	5.00			65.00		
5.00	6.00			85.00		
6.00	7.00			45.00		
7.00	8.00			75.00		
8.00	9.00			87.00		
9.00	10.00			81.00		
10.00	11.00			81.00		
11.00	12.00			81.00		
12.00	13.00			55.00		
13.00	14.00			74.00		
14.00	15.00			66.00		
15.00	16.00			66.00		
16.00	17.00			43.00		
17.00	18.00			78.00		
18.00	19.00			95.00		
19.00	20.00			79.00		
20.00	21.00			85.00		
21.00	22.00			67.00		
22.00	23.00			50.00		
23.00	24.00			90.00		
24.00	25.00			70.00		
25.00	26.00			66.00		
26.00	27.00			82.00		
27.00	28.00			92.00		
28.00	29.00			80.00		
29.00	30.00			66.00		
30.00	31.00			72.00		
31.00	32.00			79.00		
32.00	33.00			88.00		
33.00	34.00			44.00		
34.00	35.00			92.00		
35.00	36.00			78.00		
36.00	37.00			95.00		
37.00	38.00			81.00		
38.00	39.00			69.00		
39.00	40.00			73.00		
40.00	41.00			87.00		
41.00	42.00			88.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HPU64 (CONTINUED)

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ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
42.00	43.00			74.00		
43.00	44.00			70.00		
44.00	45.00			35.00		
45.00	46.00			55.00		
46.00	47.00			85.00		
47.00	48.00			80.00		
48.00	49.00			81.00		
49.00	50.00			74.00		

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PGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

UNDERGROUND DIAMOND DRILLHOLE : HP065

PROJECT IDEN : 5510 START DATE : 15 JUN 89 COMPLETION DATE : 20 JUN 89 LOGGED BY:RHR
COLLAR NORTHING: 64224.10 COLLAR EASTING : 80261.10 COLLAR ELEVATION: 2544.30 GRID AZIMUTH : 0.00
DRILLED BY :JP TOTAL LENGTH : 116.20 CORE/HOLE SIZE : HQNQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		270.30	-28.00	64224.10	80261.10	2544.30
001	55.00		266.00	-26.30			
002	111.00		264.00	-26.30			

R HED HOLE PURPOSE:Fan hole from cuddy #4. Target; 64225N, 2500RL.
R HED HOLE SIZE:0-1.2 HQ, 1.2-EOH TT56.
R HED HOLE CONDITION:Stem pipe (1.2M) and gate valve.

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	3.30			COARSE-GRAINED VOLCANICLASTICS: grey, hematitic fragments, extremely weak silica-sericite-pyrite alteration.	TYNDALL VOLCANICS
R	0.00	7.70			Coarse fragmental texture could be epiclastic.	
	3.30	7.70			COARSE-GRAINED VOLCANICLASTICS: pink. 6.30 - 6.50: 100% COARSE-GRAINED VOLCANICLASTICS: veinlets of chlorite, 1% veinlets of chalcopyrite.	TYNDALL VOLCANICS
	7.70	11.40			LAVAS AND VOLCANICLASTICS: pink.	TYNDALL VOLCANICS
	11.40	56.85			MIXED VOLCANICLASTICS & EPICLASTICS.	TYNDALL VOLCANICS
R	11.40	56.85			Variable mixture of coarse and fine epiclastics and	
R	11.40	56.85			volcaniclastics. 11.40 - 19.30: 100% LAVAS AND VOLCANICLASTICS: grey, veinlets of chlorite, 0.3% blebs of chalcopyrite. 19.30 - 22.20: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: hematitic fragments, quartz porphyry fragments. 22.20 - 24.80: VOLCANICLASTIC BRECCIA WITH SHALE CLA.	
R	24.80	56.85			Very diverse mixture of feldspar-phyric volcaniclastics (LF),	
R	24.80	56.85			fine-grained epiclastics (UV), poorly sorted volcaniclastics	
R	24.80	56.85			(LA), and quartz phyric volcanioclastics (L/).	
	56.85	66.00			SHALE: black, weak to moderately broken core, with minor pug zones, upper contact: c.a. / 90, bedding/cleavage: c.a. / 80.	
R	56.85	66.00			Laminated shale/siltstone. Upper contact very sharp.	
	66.00	73.20			VERY FINE GRAINED(SHALEY) EPICLASTIC: grey-green, foliation:	TYNDALL VOLCANICS

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP065 (CONTINUED)

- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
				c.a. / 80. 66.10 - 66.20: 100% VERY FINE GRAINED(SHALEY) EPICLASTIC: kink fold/s.	
73.20	98.90			COARSE-GRAINED(PEBBLY) EPICLASTIC: upper contact: c.a. / 80. 73.70 - 75.80: 100% MAJOR QUARTZ VEIN. 93.60 - 98.90: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: moderately broken core, with minor pug zones. 97.00 - 98.90: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: weak silica-sericite-pyrite alteration.	TYNDALL VOLCANICS
98.90	103.90			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderately broken core, with prominent pug zones, patches of weak to moderate silica-sericite-pyrite alteration, patches of weak to moderate quartz-sericite alteration, shear: c.a. / 45.	
103.90	105.00			QUARTZ-SULPHIDE MINERALISATION: weak to moderately broken core, with minor pug zones, moderate to strong quartz-sericite alteration, patches of quartz-copper mineralisation.	
105.00	112.30			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderately broken core, with prominent pug zones, very weak silica-sericite-pyrite alteration, patches of weak quartz-sericite alteration.	
112.30	113.50			INTENSELY SILICIFIED ZONE: very strongly broken core, very strong silica alteration.	
113.50	116.20			CRUSH ZONE: moderate to strong mineralised, 20% pyrite mineralisation.	HENTY FAULT ZONE
R 113.50	115.00			Strongly altered and mineralised material in fault, including	
113.50	115.00			massive pyrite,quartz-pyrite and CO3 hematite fragments.	

RGC Exploration P LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP065 (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
98.00	99.00	T13231	-0.008	-0.5	3	10	10	100	2
99.00	100.00	T13232	-0.008	-0.5	6	85	-5	110	4
100.00	101.00	T13233	-0.008	-0.5	3	80	10	115	4
101.00	102.00	T13234	0.122	1.0	3	45	10	80	4
102.00	103.00	T13235	0.013	-0.5	3	15	-5	80	1
103.00	103.90	T13236	0.203	0.5	19	260	10	60	7
103.90	105.00	T13237	0.200	2.0	12	290	15	50	6
105.00	106.00	T13238	0.055	-0.5	15	10	5	55	2
106.00	107.00	T13239	0.141	2.5	13	10	-5	35	2
107.00	108.00	T13241	0.020	-0.5	9	10	-5	80	3
108.00	109.00	T13242	0.012	-0.5	6	5	10	115	2
109.00	110.00	T13243	0.012	-0.5	9	5	-5	85	-1
110.00	111.00	T13244	0.011	-0.5	12	20	-5	80	4
111.00	112.30	T13245	-0.008	-0.5	14	10	-5	25	1
112.30	113.50	T13246	-0.008	-0.5	5	5	10	35	2
113.50	115.00	T13247	0.179	4.5	46	50	50	75	6
115.00	116.20	T13248	0.037	-0.5	13	15	85	160	4

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RGC Exploration PT[illegible]TD
E.L. 966, HENTY PR[illegible]CT
UNDERGROUND DIAMOND DRILLHOLE : HP065 (CONTINUED)

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ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	1.00			30.00		
1.00	2.00			70.00		
2.00	3.00			45.00		
3.00	4.00			45.00		
4.00	5.00			60.00		
5.00	6.00			75.00		
6.00	7.00			85.00		
7.00	8.00			85.00		
8.00	9.00			60.00		
9.00	10.00			80.00		
10.00	11.00			70.00		
11.00	12.00			55.00		
12.00	13.00			50.00		
13.00	14.00			40.00		
14.00	15.00			70.00		
15.00	16.00			65.00		
16.00	17.00			55.00		
17.00	18.00			90.00		
18.00	19.00			60.00		
19.00	20.00			55.00		
20.00	21.00			70.00		
21.00	22.00			95.00		
22.00	23.00			50.00		
23.00	24.00			60.00		
24.00	25.00			25.00		
25.00	26.00			10.00		
26.00	27.00			85.00		
27.00	28.00			80.00		
28.00	29.00			65.00		
29.00	30.00			55.00		
30.00	31.00			90.00		
31.00	32.00			20.00		
32.00	33.00			40.00		
33.00	34.00			65.00		
34.00	35.00			80.00		
35.00	36.00			75.00		
36.00	37.00			70.00		
37.00	38.00			12.00		
38.00	39.00			10.00		
39.00	40.00			75.00		
40.00	41.00			25.00		
41.00	42.00			70.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP065 (CONTINUED)

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ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
42.00	43.00			52.00		
43.00	44.00			50.00		
44.00	45.00			15.00		
45.00	46.00			0.00		
46.00	47.00			25.00		
47.00	48.00			30.00		
48.00	49.00			55.00		
49.00	50.00			50.00		
50.00	51.00			55.00		
51.00	52.00			53.00		
52.00	53.00			55.00		
53.00	54.00			100.00		
54.00	55.00			90.00		
55.00	56.00			60.00		
56.00	57.00			37.00		
57.00	58.00			0.00		
58.00	59.00			0.00		
59.00	60.00			40.00		
60.00	61.00			40.00		
61.00	62.00			0.00		
62.00	63.00			55.00		
63.00	64.00			17.00		
64.00	65.00			15.00		
65.00	66.00			29.00		
66.00	67.00			11.00		
67.00	68.00			40.00		
68.00	69.00			65.00		
69.00	70.00			90.00		
70.00	71.00			60.00		
71.00	72.00			20.00		
72.00	73.00			0.00		
73.00	74.00			30.00		
74.00	75.00			40.00		
75.00	76.00			20.00		
76.00	77.00			30.00		
77.00	78.00			60.00		
78.00	79.00			100.00		
79.00	80.00			40.00		
80.00	81.00			50.00		
81.00	82.00			85.00		
82.00	83.00			65.00		
83.00	84.00			30.00		

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RGC Exploration PTY
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP065 (CONTINUED)

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ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
84.00	85.00			85.00		
85.00	86.00			45.00		
86.00	87.00			40.00		
87.00	88.00			50.00		
88.00	89.00			60.00		
89.00	90.00			30.00		
90.00	91.00			60.00		
91.00	92.00			90.00		
92.00	93.00			40.00		
93.00	94.00			60.00		
94.00	95.00			30.00		
95.00	96.00			10.00		
96.00	97.00			20.00		
97.00	98.00			50.00		
98.00	99.00			40.00		
99.00	100.00			12.00		
100.00	101.00			15.00		
101.00	102.00			12.00		
102.00	103.00			0.00		
103.00	104.00			0.00		
104.00	105.00			10.00		
105.00	106.00			0.00		
106.00	107.00			0.00		
107.00	108.00			10.00		
108.00	109.00			0.00		
109.00	110.00			0.00		
110.00	111.00			0.00		
111.00	112.00			0.00		
112.00	113.00			0.00		
113.00	114.00			15.00		
114.00	115.00			0.00		
115.00	116.00			0.00		
116.00	116.20			0.00		

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

UNDERGROUND DIAMOND DRILLHOLE : HP066

PROJECT IDEN : 5510 START DATE : 21 JUN 89 COMPLETION DATE : 28 JUN 89 LOGGED BY:RHR
COLLAR NORTHING: 64224.10 COLLAR EASTING : 80261.20 COLLAR ELEVATION: 2544.10 GRID AZIMUTH : 0.00
DRILLED BY :JP TOTAL LENGTH : 142.00 CORE/HOLE SIZE : HQNQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		270.50	-38.00	64224.10	80261.20	2544.10
001	66.00		263.50	-37.00			
002	132.00		266.00	-35.00			

HED HOLE PURPOSE:Fan hole from cuddy #4. Target; 64225N, 2475RL.
R HED HOLE SIZE:0-1.5 HQ, 1.5-EOH TT56.
R HED HOLE CONDITION:Stem pipe (1.5m) and gate valve.

From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
0.00	8.80			COARSE-GRAINED(PEBBLY) EPICLASTIC.	TYNDALL VOLCANICS
0.01	8.00			0.00 - 3.50: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: grey. Minor volcaniclastics amongst epiclastics. 3.50 - 8.80: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: pink.	
8.20	14.30			LAVAS AND VOLCANICLASTICS: pink-green.	TYNDALL VOLCANICS
14.30	23.10			VERY FINE GRAINED(SHALEY) EPICLASTIC.	TYNDALL VOLCANICS
23.10	42.30			MIXED VOLCANICLASTICS & EPICLASTICS: grey-pink. 29.50 - 30.50: 100% MIXED VOLCANICLASTICS & EPICLASTICS: bedding/cleavage: c.a. / 35, bedding/cleavage: c.a. / 40. 32.10 - 32.30: 100% VOLCANICLASTIC BRECCIA WITH SHALE CLA. 42.00 - 42.20: 100% MIXED VOLCANICLASTICS & EPICLASTICS: bedding/cleavage: c.a. / 55.	TYNDALL VOLCANICS
42.30	46.00			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: patches of moderate to strong silica-sericite-pyrite alteration, patches of strong quartz-sericite alteration.	
46.00	49.80			QUARTZ-SULPHIDE MINERALISATION: strong quartz-sericite alteration, 1% quartz-copper mineralisation.	
49.80	62.70			MIXED VOLCANICLASTICS & EPICLASTICS. 49.80 - 50.20: 100% MIXED VOLCANICLASTICS & EPICLASTICS: moderate silica-sericite-pyrite alteration. 51.80 - 53.30: 100% MIXED VOLCANICLASTICS & EPICLASTICS:	TYNDALL VOLCANICS

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RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP066 (CONTINUED)

From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
				moderate carbonate-chlorite alteration. 56.10 - 56.12: 100% MIXED VOLCANICLASTICS & EPICLASTICS: single lens of silica-hematite alteration. 58.30 - 59.20: 100% CARBONATE ZONE: massive carbonate-hematite alteration.	
62.70	72.30			SHALE: upper contact: c.a. / 67, bedding/cleavage: c.a. / 40. 62.70 - 72.30 Very sharp upper contact.	
72.30	103.50			COARSE-GRAINED(PEBBLY) EPICLASTIC: pink.	TYNDALL VOLCANICS
103.50	110.80			COARSE-GRAINED(PEBBLY) EPICLASTIC: grey, moderately broken core, with minor pug zones, very weak silica-sericite-pyrite alteration.	
110.30	129.10			MEDIUM GRAINED(SANDY) EPICLASTIC. 110.80 - 120.60: 100% MEDIUM GRAINED(SANDY) EPICLASTIC: grey-green. 120.60 - 122.50: 100% MEDIUM GRAINED(SANDY) EPICLASTIC: white, weak to moderately broken core, with minor pug zones, strong silica alteration. 122.50 - 129.10: 100% MEDIUM GRAINED(SANDY) EPICLASTIC: light green, moderate to strongly broken core, with minor pug zones, strong silica-sericite alteration.	TYNDALL VOLCANICS
129.10	133.70			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderate to strongly broken core, with minor pug zones, patches of moderate silica-sericite-pyrite alteration.	
133.70	138.50			QUARTZ-SULPHIDE MINERALISATION: strongly broken core, with prominent pug zones, strong silica-sericite-pyrite alteration, 30% patches of quartz-copper mineralisation, 2.5% coarse grained pyrite, 1% blebs of chalcopyrite.	
138.50	142.00			MYLONITE AND PUG: 5% batchelorite. 138.50 - 141.10: 100% MYLONITE AND PUG: weak mineralised.	HENTY FAULT ZONE

RGC Exploration PTY LT
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP066 (CONTINUED)

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ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
41.00	42.00	T13341	0.038						
42.00	43.00	T13342	0.092						
43.00	44.00	T13343	0.078						
44.00	45.00	T13344	0.118						
45.00	46.00	T13345	0.031						
46.00	47.00	T13346	0.098						
47.00	48.00	T13347	0.189						
48.00	49.00	T13348	0.083						
49.00	50.00	T13349	0.095						
50.00	51.00	T13350	0.049						
51.00	52.00	T13351	-0.008						
52.00	53.00	T13352	-0.008						
53.00	54.00	T13353	0.052						
103.50	104.50	T13354	-0.008						
104.50	105.50	T13355	-0.008						
105.50	106.50	T13356	-0.008						
106.50	107.50	T13357	-0.008						
107.50	108.50	T13358	-0.008						
128.00	129.00	T13359	0.012						
129.00	130.00	T13361	0.117						
130.00	131.00	T13362	0.507						
131.00	132.00	T13363	0.020						
132.00	133.00	T13364	0.034						
133.00	134.00	T13365	0.053						
134.00	135.00	T13366	0.809						
135.00	136.00	T13367	0.804						
136.00	137.00	T13368	1.260						
137.00	138.20	T13369	0.503						
138.50	140.00	T13370	0.062						
140.00	141.10	T13371	0.027						

517192

RGC Exploration PTY LTD
E.L. 966, HAMILTON PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP066 (CONTINUED)

192

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	1.00			0.00		
1.00	2.00			20.00		
2.00	3.00			80.00		
3.00	4.00			50.00		
4.00	5.00			70.00		
5.00	6.00			60.00		
6.00	7.00			70.00		
7.00	8.00			80.00		
8.00	9.00			75.00		
9.00	10.00			100.00		
10.00	11.00			90.00		
11.00	12.00			85.00		
12.00	13.00			95.00		
13.00	14.00			80.00		
14.00	15.00			30.00		
15.00	16.00			40.00		
16.00	17.00			70.00		
17.00	18.00			50.00		
18.00	19.00			65.00		
19.00	20.00			100.00		
20.00	21.00			65.00		
21.00	22.00			100.00		
22.00	23.00			30.00		
23.00	24.00			65.00		
24.00	25.00			90.00		
25.00	26.00			70.00		
26.00	27.00			50.00		
27.00	28.00			15.00		
28.00	29.00			60.00		
29.00	30.00			50.00		
30.00	31.00			50.00		
31.00	32.00			65.00		
32.00	33.00			70.00		
33.00	34.00			70.00		
34.00	35.00			60.00		
35.00	36.00			35.00		
36.00	37.00			85.00		
37.00	38.00			80.00		
38.00	39.00			65.00		
39.00	40.00			100.00		
40.00	41.00			85.00		
41.00	42.00			60.00		

517193

RGC Exploration PTY LTD
E.L. 966, HARRY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP066 (CONTINUED)

193

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
42.00	43.00			55.00		
43.00	44.00			75.00		
44.00	45.00			65.00		
45.00	46.00			70.00		
46.00	47.00			50.00		
47.00	48.00			65.00		
48.00	49.00			80.00		
49.00	50.00			90.00		
50.00	51.00			55.00		
51.00	52.00			76.00		
52.00	53.00			90.00		
53.00	54.00			60.00		
54.00	55.00			40.00		
55.00	56.00			30.00		
56.00	57.00			45.00		
57.00	58.00			35.00		
58.00	59.00			80.00		
59.00	60.00			70.00		
60.00	61.00			75.00		
61.00	62.00			100.00		
62.00	63.00			55.00		
63.00	64.00			0.00		
64.00	65.00			0.00		
65.00	66.00			25.00		
66.00	67.00			25.00		
67.00	68.00			30.00		
68.00	69.00			11.00		
69.00	70.00			40.00		
70.00	71.00			21.00		
71.00	72.00			0.00		
72.00	73.00			30.00		
73.00	74.00			55.00		
74.00	75.00			55.00		
75.00	76.00			65.00		
76.00	77.00			90.00		
77.00	78.00			100.00		
78.00	79.00			90.00		
79.00	80.00			80.00		
80.00	81.00			80.00		
81.00	82.00			30.00		
82.00	83.00			75.00		
83.00	84.00			100.00		

5171194

RGC Explorat PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP066 (CONTINUED)

164

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
84.00	85.00			45.00		
85.00	86.00			55.00		
86.00	87.00			100.00		
87.00	88.00			80.00		
88.00	89.00			75.00		
89.00	90.00			85.00		
90.00	91.00			75.00		
91.00	92.00			85.00		
92.00	93.00			50.00		
93.00	94.00			50.00		
94.00	95.00			0.00		
95.00	96.00			35.00		
96.00	97.00			35.00		
97.00	98.00			90.00		
98.00	99.00			75.00		
99.00	100.00			90.00		
100.00	101.00			80.00		
101.00	102.00			50.00		
102.00	103.00			75.00		
103.00	104.00			45.00		
104.00	105.00			80.00		
105.00	106.00			35.00		
106.00	107.00			70.00		
107.00	108.00			30.00		
108.00	109.00			0.00		
109.00	110.00			30.00		
110.00	111.00			0.00		
111.00	112.00			0.00		
112.00	113.00			15.00		
113.00	114.00			20.00		
114.00	115.00			0.00		
115.00	116.00			50.00		
116.00	117.00			25.00		
117.00	118.00			20.00		
118.00	119.00			0.00		
119.00	120.00			20.00		
120.00	121.00			50.00		
121.00	122.00			11.00		
122.00	123.00			12.00		
123.00	124.00			0.00		
124.00	125.00			35.00		
125.00	126.00			35.00		

517195

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP066 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
126.00	127.00			12.00		
127.00	128.00			0.00		
128.00	129.00			10.00		
129.00	130.00			0.00		
130.00	131.00			0.00		
131.00	132.00			0.00		
132.00	133.00			0.00		
133.00	134.00			0.00		
134.00	135.00			0.00		
135.00	136.00			0.00		
136.00	137.00			0.00		
137.00	138.00			0.00		
138.00	139.00			0.00		
139.00	140.00			0.00		
140.00	141.00			0.00		
141.00	142.00			0.00		

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517196

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

UNDERGROUND DIAMOND DRILLHOLE : HP067

ROJECT IDEN : 5510 START DATE : 21 JUN 89 COMPLETION DATE : 26 JUN 89 LOGGED BY:RHR
OLLAR NORTHING: 64267.90 COLLAR EASTING : 80260.00 COLLAR ELEVATION: 2539.70 GRID AZIMUTH : 0.00
RILLED BY :JP TOTAL LENGTH : 81.90 CORE/HOLE SIZE : HQNQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		276.00	-14.00	64267.90	80260.00	2539.70
001	35.00		275.00	-14.00			
002	72.00		275.50	-14.00			

HED HOLE PURPOSE:Fan hole from cuddy #5. Target; 64275N, 2525RL.
HED HOLE SIZE:0-1.25 HQ, 1.25-EOH TT56.
R HED HOLE CONDITION:Stem pipe (1.3m) and gate valve.

From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
0.00	2.05			COARSE-GRAINED(PEBBLY) EPICLASTIC: lower contact: c.a. / 53.	TYNDALL VOLCANICS
2.05	25.10			LAVAS AND VOLCANICLASTICS: foliation: c.a. / 60, 0.1% disseminations of pyrite. 17.00 - 22.30: 100% LAVAS AND VOLCANICLASTICS: dark green, strong carbonate-chlorite alteration, 0.1% blebs of chalcopyrite. 19.85 - 20.30: 100% CARBONATE ZONE.	TYNDALL VOLCANICS
25.10	25.40			FAULT: BROKEN GROUND WITH PUG: upper contact: c.a. / 44, lower contact: c.a. / 46.	
25.40	38.20			COARSE-GRAINED(PEBBLY) EPICLASTIC: pink-green.	TYNDALL VOLCANICS
38.20	47.50			MEDIUM GRAINED(SANDY) EPICLASTIC: pink-green. 46.40 - 47.50: 100% MEDIUM GRAINED(SANDY) EPICLASTIC: strong silica alteration.	TYNDALL VOLCANICS
47.50	58.00			COARSE-GRAINED(PEBBLY) EPICLASTIC: weak sericite alteration. 48.00 - 49.40: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: moderately broken core. 49.40 - 51.70: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: strong silica alteration.	TYNDALL VOLCANICS
58.00	66.40			UNDIFFERENTIATED ALTERED VOLCANICLASTICS. 58.00 - 62.30: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: grey-pink, patches of moderate silica-sericite-pyrite	

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517194

PGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP067 (CONTINUED)

Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
				alteration. 59.00 - 59.50: 100% QUARTZ-SULPHIDE MINERALISATION: moderate to strong silica-sericite-pyrite alteration, 10% nodules of quartz-copper mineralisation. 62.30 - 64.80: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: yellow-green, weak quartz-sericite alteration. 64.80 - 66.40: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: patches of moderate to strong silica-sericite-pyrite alteration.	
66.40	68.20			QUARTZ-SULPHIDE MINERALISATION: strong quartz-sericite alteration, 10% patches of quartz-copper mineralisation, 0.1% blebs of chalcopyrite.	
68.20	78.70			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: patches of weak silica-sericite-pyrite alteration. 77.30 - 77.50: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: patches of moderate to strong carbonate-hematite alteration.	
78.70	79.70			QUARTZ-SULPHIDE MINERALISATION: strongly broken core, with minor pug zones, strong silica-sericite-pyrite alteration, 20% nodules of quartz-base metal mineralisation.	
79.70	81.90			CRUSH ZONE. 79.70 - 80.00: 100% CRUSH ZONE: strong silica-sericite-pyrite alteration.	HENTY FAULT ZONE

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP067 (CONTINUED)

198

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
58.00	59.00	T13372	0.191						
59.00	60.00	T13373	0.329						
60.00	61.00	T13374	0.034						
61.00	62.00	T13375	0.043						
62.00	63.00	T13376	0.011						
63.00	64.00	T13377	-0.008						
64.00	65.00	T13378	-0.008						
65.00	66.30	T13379	0.078						
66.30	67.30	T13381	5.490						
67.30	68.30	T13382	2.770						
68.30	69.00	T13383	0.033						
69.00	70.00	T13384	0.024						
77.00	78.00	T13385	0.052						
78.00	79.00	T13386	0.125						
79.00	79.70	T13387	1.112						

517199

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP067 (CONTINUED)

193

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	1.00			15.00		
1.00	2.00			80.00		
2.00	3.00			35.00		
3.00	4.00			70.00		
4.00	5.00			15.00		
5.00	6.00			35.00		
6.00	7.00			20.00		
7.00	8.00			40.00		
8.00	9.00			30.00		
9.00	10.00			90.00		
10.00	11.00			80.00		
11.00	12.00			80.00		
12.00	13.00			90.00		
13.00	14.00			60.00		
14.00	15.00			30.00		
15.00	16.00			65.00		
16.00	17.00			40.00		
17.00	18.00			70.00		
18.00	19.00			65.00		
19.00	20.00			90.00		
20.00	21.00			70.00		
21.00	22.00			15.00		
22.00	23.00			45.00		
23.00	24.00			20.00		
24.00	25.00			50.00		
25.00	26.00			20.00		
26.00	27.00			70.00		
27.00	28.00			40.00		
28.00	29.00			10.00		
29.00	30.00			50.00		
30.00	31.00			30.00		
31.00	32.00			45.00		
32.00	33.00			40.00		
33.00	34.00			70.00		
34.00	35.00			60.00		
35.00	36.00			57.00		
36.00	37.00			80.00		
37.00	38.00			20.00		
38.00	39.00			70.00		
39.00	40.00			60.00		
40.00	41.00			60.00		
41.00	42.00			55.00		

517200

RGC Exploration [illegible] LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP067 (CONTINUED)

200

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
42.00	43.00			55.00		
43.00	44.00			50.00		
44.00	45.00			95.00		
45.00	46.00			80.00		
46.00	47.00			54.00		
47.00	48.00			10.00		
48.00	49.00			0.00		
49.00	50.00			25.00		
50.00	51.00			40.00		
51.00	52.00			30.00		
52.00	53.00			35.00		
53.00	54.00			50.00		
54.00	55.00			90.00		
55.00	56.00			60.00		
56.00	57.00			40.00		
57.00	58.00			20.00		
58.00	59.00			20.00		
59.00	60.00			55.00		
60.00	61.00			70.00		
61.00	62.00			15.00		
62.00	63.00			45.00		
63.00	64.00			50.00		
64.00	65.00			90.00		
65.00	66.00			50.00		
66.00	67.00			20.00		
67.00	68.00			35.00		
68.00	69.00			10.00		
69.00	70.00			35.00		
70.00	71.00			10.00		
71.00	72.00			50.00		
72.00	73.00			30.00		
73.00	74.00			10.00		
74.00	75.00			15.00		
75.00	76.00			12.00		
76.00	77.00			30.00		
77.00	78.00			0.00		
78.00	79.00			0.00		
79.00	80.00			0.00		
80.00	81.00			0.00		
81.00	81.90			0.00		

517201

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

102

UNDERGROUND DIAMOND DRILLHOLE : HP068

PROJECT IDEN : 5510	START DATE : 27 JUN 89	COMPLETION DATE : 5 JUL 89	LOGGED BY:RHR
COLLAR NORTHING: 64267.90	COLLAR EASTING : 80260.10	COLLAR ELEVATION: 2539.10	GRID AZIMUTH : 0.00
DRILLED BY :JP	TOTAL LENGTH : 105.10	CORE/HOLE SIZE : HQNQ	

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		276.00	-32.00	64267.90	80260.10	2539.10
001	54.00		275.00	-30.50			
002	102.00		276.50	-28.00			

R HED HOLE PURPOSE:Fan hole from cuddy #5. Target; 64276N, 2500RL.
R HED HOLE SIZE:0-1.5 HQ, 1.5-EOH TT56.
R HED HOLE CONDITION:Stem pipe (1.5m) and gate valve. Water made at
R HED 31.25m and 70.2m.

From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
0.00	7.80			UNDIFFERENTIATED EPICLASTICS. 0.00 - 2.40: 100% COARSE-GRAINED(PEBBLY) EPICLASTIC: pink. 2.40 - 7.80: 80% VERY FINE GRAINED(SHALEY) EPICLASTIC: grey, 0.3% euhedral crystals of pyrite.	TYNDALL VOLCANICS
7.80	34.80			LAVAS AND VOLCANICLASTICS: pink-green, foliation: c.a. / 60. 16.90 - 25.50: 70% LAVAS AND VOLCANICLASTICS: patches of strong chlorite alteration, 10% veinlets of massive sulphides. 26.95 - 27.05: 100% CARBONATE ZONE: strong carbonate-hematite alteration. 30.40 - 34.80: 100% LAVAS AND VOLCANICLASTICS: light grey, patches of moderate silica-sericite alteration. 33.20 - 34.80: 100% LAVAS AND VOLCANICLASTICS: weak to moderately broken core.	TYNDALL VOLCANICS
34.80	35.10			FAULT: BROKEN GROUND WITH PUG: very strongly broken core, with minor pug zones.	
35.10	44.60			UNDIFFERENTIATED EPICLASTICS: grey-pink, moderately broken core, patches of very weak silica alteration. 40.20 - 40.30: 100% PUG ZONE.	TYNDALL VOLCANICS
44.60	63.60			MEDIUM GRAINED(SANDY) EPICLASTIC: grey-white, moderately broken core, with minor pug zones, patches of moderate to strong silica alteration.	TYNDALL VOLCANICS

5117202

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP068 (CONTINUED)

202

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	63.60	76.70			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: grey, pervasive moderate silica-sericite-pyrite alteration.	
	76.70	78.40			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 30% quartz-copper mineralisation, 5% patches of pyrite, 1% blebs of chalcopyrite.	
	78.40	89.70			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: variable moderate silica-sericite-pyrite alteration.	
R	78.40	89.70			Variably orientated minor puggy joints.	
	89.70	91.40			INTENSE QUARTZ MINERALISATION: very strong silica alteration, massive quartz mineralisation, 1% veinlets of pyrite, 0.3% veinlets of chalcopyrite, 0.1% veinlets of galena.	
R	89.70	91.40			Possible intense silica alteration zone. 89.90 - 90.00: 100% PUG ZONE.	
	91.40	98.90			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: variable strong silica-sericite-pyrite alteration.	
	98.90	105.10			MYLONITE AND PUG: upper contact: c.a. / 55, 2.5% veinlets of batchelorite.	HENTY FAULT ZONE

517203

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP068 (CONTINUED)

ANALABS ANALYSES

From	To	Number	Accepted Au g/t	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Bi ppm
74.70	75.70	T13388	0.039						
75.70	76.70	T13389	0.154						
76.70	77.70	T13390	0.227						
77.70	78.70	T13391	1.258						
78.70	79.70	T13392	0.037						
79.70	80.70	T13393	0.025						
87.80	88.80	T13394	0.061						
88.80	89.80	T13395	0.180						
89.80	91.10	T13396	39.800						
91.10	92.00	T13397	0.145						
92.00	93.00	T13398	0.157						
93.00	94.00	T13399	0.045						
94.00	95.00	T13401	0.103						
95.00	96.00	T13402	0.794						
96.00	97.00	T13403	0.070						
97.00	98.00	T13404	0.154						
98.00	99.00	T13405	0.078						

RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP068 (CONTINUED)

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
0.00	1.00			0.00		
1.00	2.00			50.00		
2.00	3.00			25.00		
3.00	4.00			0.00		
4.00	5.00			0.00		
5.00	6.00			20.00		
6.00	7.00			30.00		
7.00	8.00			35.00		
8.00	9.00			90.00		
9.00	10.00			0.00		
10.00	11.00			70.00		
11.00	12.00			87.00		
12.00	13.00			80.00		
13.00	14.00			60.00		
14.00	15.00			90.00		
15.00	16.00			60.00		
16.00	17.00			75.00		
17.00	18.00			95.00		
18.00	19.00			95.00		
19.00	20.00			80.00		
20.00	21.00			55.00		
21.00	22.00			90.00		
22.00	23.00			100.00		
23.00	24.00			100.00		
24.00	25.00			100.00		
25.00	26.00			70.00		
26.00	27.00			90.00		
27.00	28.00			50.00		
28.00	29.00			20.00		
29.00	30.00			65.00		
30.00	31.00			60.00		
31.00	32.00			40.00		
32.00	33.00			40.00		
33.00	34.00			0.00		
34.00	35.00			40.00		
35.00	36.00			45.00		
36.00	37.00			10.00		
37.00	38.00			15.00		
38.00	39.00			30.00		
39.00	40.00			0.00		
40.00	41.00			0.00		
41.00	42.00			15.00		

204
517205

RGC Exploration PTY [illegible]D
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP068 (CONTINUED)

203

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
42.00	43.00			0.00		
43.00	44.00			11.00		
44.00	45.00			30.00		
45.00	46.00			0.00		
46.00	47.00			60.00		
47.00	48.00			30.00		
48.00	49.00			40.00		
49.00	50.00			0.00		
50.00	51.00			0.00		
51.00	52.00			40.00		
52.00	53.00			11.00		
53.00	54.00			0.00		
54.00	55.00			20.00		
55.00	56.00			0.00		
56.00	57.00			0.00		
57.00	58.00			30.00		
58.00	59.00			80.00		
59.00	60.00			35.00		
60.00	61.00			25.00		
61.00	62.00			10.00		
62.00	63.00			50.00		
63.00	64.00			30.00		
64.00	65.00			60.00		
65.00	66.00			40.00		
66.00	67.00			35.00		
67.00	68.00			15.00		
68.00	69.00			47.00		
69.00	70.00			30.00		
70.00	71.00			15.00		
71.00	72.00			65.00		
72.00	73.00			80.00		
73.00	74.00			45.00		
74.00	75.00			35.00		
75.00	76.00			20.00		
76.00	77.00			70.00		
77.00	78.00			30.00		
78.00	79.00			55.00		
79.00	80.00			55.00		
80.00	81.00			25.00		
81.00	82.00			40.00		
82.00	83.00			25.00		
83.00	84.00			50.00		

517206

RGC Exploration PTY
E.L. 966, HENTY PROJECT
UNDERGROUND DIAMOND DRILLHOLE : HP068 (CONTINUED)

209

ROCK QUALITY DESIGNATION (RQD)

From	To	Number	MEASURED RQD m	CALCULATED RQD %	MEAS. RECOVERY m	CALC. RECOVERY %
84.00	85.00			50.00		
85.00	86.00			0.00		
86.00	87.00			45.00		
87.00	88.00			60.00		
88.00	89.00			15.00		
89.00	90.00			10.00		
90.00	91.00			80.00		
91.00	92.00			20.00		
92.00	93.00			20.00		
93.00	94.00			70.00		
94.00	95.00			75.00		
95.00	96.00			30.00		
96.00	97.00			40.00		
97.00	98.00			20.00		
98.00	99.00			10.00		
99.00	100.00			0.00		
100.00	101.00			0.00		
101.00	102.00			40.00		
102.00	103.00			0.00		
103.00	104.00			0.00		
104.00	105.00			0.00		
105.00	105.10			0.00		

517207

APPENDIX 3

Metallurgical Testwork.

517209

FOX ANAMET

12 Clearview Place,
P.O. Box 677,
Brookvale
NSW 2100
Telephone: (02) 905 0618
Facsimile (02) 905 0556

SFR:sh
88/2933

Report 88/002923

Gold Extraction from Henty Ore

Drill Hole HP42

for

Renison Goldfields Consolidated Ltd

S.F. Rayner

August 30, 1988

SUMMARY

Thirteen mineralised intersections from depth in hole HP42 have been amalgamated to recover free gold and cyanide leached to determine gold extraction characteristics as summarised below.

interval (m)	grade g/t Au	tailing g/t Au	% amalgam gold	% cyanide * leach Au	reagents kg/t hyd lime	reagents kg/t NaCN
597-598	10.7	1.20	15	89	0.7	0.6
598-599	28.8	3.72	21	87	0.7	0.8
599-600	25.7	4.65	23	82	0.5	0.6
601-602	2.58	0.76	12	70	0.3	0.5
603-604	34.1	7.91	19	77	0.4	0.8
604-605	6.18	0.80	22	87	0.5	0.6
605-606	115.7	23.3	32	80	0.3	0.7
606-607	396.0	115	43	71	0.3	0.7
607-608	4.16	0.42	14	90	0.3	0.7
638-639	20.7	2.16	12	90	0.2	0.6
645.9-647	24.7	5.53	19	78	0.4	0.6
647-648	8.67	3.93	6	55	0.3	0.6
648-649	4.23	1.15	11	73	0.1	0.7

* includes amalgam gold component.

1. PRELIMINARY

Fifteen samples of drill core from recent drilling on the Henty Prospect as detailed in the RGC notes appendixed were received on August 10 for metallurgical evaluation. Two low grade samples were check assayed but subjected to no additional testwork. The remaining thirteen samples were riffle sampled to take 500 g for test with the remaining 1 kg despatched to Mt Lyell.

The two low grade samples produced the following results;

zone	sample no	interval (m)	RGC g/t Au	Fox Anamet g/t Au
1	T10472	600-601	0.37	0.14
1	T10474	602-603	0.26	0.77

As seen from the appendix the ore samples ranged between 4 and 380 g/t Au some of which was visible, thus making accurate assaying difficult. In response, only back calculated head assays were used for evaluation. Testing comprised amalgamation followed by cyanidation of each sample.

2. PROCEDURE

Each sample was presented as semi-pulverised minus 150 micron core material. It was amalgamated with mercury before being further dry pulverised and leached at 50% solids for 24 hours with lime adjusted pH and 1.0 kg/t NaCN.

3. RESULTS AND DISCUSSION

Results of all tests are presented in Table 1 showing uniform reagent consumsptions of less than 1 kg/t hydrated lime and sodium cyanide, despite the potentially cyanide soluble base metal components. This low reagent consumption pattern is similar to previous Henty ore samples.

Amalgamation typically recovered about 20% of the contained gold from the semi-pulverised ore and perhaps more significantly 170 g/t Au from the high grade sample T10478. Cyanide leaching gave mixed response though in the most part it was encouraging in terms of percentage extraction. When reviewed in conjunction with the free gold recovery the average gold extraction in 24 hours was 80%, ranging 55 to 90%. These numbers however do not expose the fact that often tailings still contained significant levels of gold, a reflection of the high head grades, i.e., T10477 at 23 g/t Au and T10478 at 115 g/t Au. The residual gold is almost certainly associated with base metal sulphides and could be worth extracting and stockpiling for future retreatment.

The leach liquors were evaluated at 6 and 24 hours and justify the longer retention times but it appears unlikely that significantly greater extraction would be obtained with more time. Sizings on the leach tails show a typical grind of 60% passing 75 µm was obtained so there was some scope for improving recovery over the 80% average reported.

Silver was assessed at about 20 g/t of which some 30-40% was extracted with cyanide.

HENTY PROJECT METALLURGICAL SAMPLES HOLE HP42
CYANIDE LEACH DATA

TABLE 1

ZONE	1	1	1	1	1	1	1	1	1	2	3	3	3
INTERVAL (m)	597-598	598-599	599-600	601-602	603-604	604-605	605-606	606-607	607-608	638-639	645.9-647	647-648	648-649
IDENTIFICATION NUMBER	T10469	T10470	T10471	T10473	T10475	T10476	T10477	T10478	T10479	T12113	T12122	T12123	T12124
ROC assay g/t Au	14.27	36.0	26.6	2.22	34.2	8.57	117.1	378.9	4.43	21.1	25.6	9.93	4.21
sample weight (kg)	0.497	0.502	0.498	0.497	0.503	0.501	0.497	0.498	0.497	0.500	0.500	0.498	0.502
amalgamation gold (mg)	0.772	2.971	2.904	0.158	3.299	0.687	18.242	85.712	0.288	1.271	2.335	0.245	0.225
LEACH CONDITIONS													
grind % pass 75µ	58.6	62.1	61.5	55.4	45.3	58.5	58.5	61.5	58.0	60.0	61.0	58.0	63.4
% solids	50	50	50	50	50	50	50	50	50	50	50	50	50
solution volume (l)	0.497	0.502	0.498	0.497	0.503	0.501	0.497	0.498	0.497	0.500	0.500	0.498	0.502
initial pH	7.9	8.0	7.9	8.0	8.2	8.2	8.0	8.2	8.2	8.4	8.5	8.4	8.5
hyd. lime (kg/t)	0.7	0.7	0.5	0.3	0.4	0.5	0.3	0.3	0.3	0.2	0.4	0.3	0.1
leach pH	11.0	10.3	10.6	10.3	10.7	10.4	10.3	10.6	10.4	10.3	10.9	10.7	10.5
NACN													
kg/t added	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
residual % @ 6hrs	0.060	0.037	0.050	0.060	0.060	0.060	0.050	0.055	0.050	0.050	0.050	0.052	0.052
residual % @ 24hrs	0.044	0.016	0.040	0.050	0.024	0.038	0.028	0.028	0.032	0.046	0.042	0.040	0.035
kg/t consumed	0.6	0.8	0.6	0.5	0.8	0.6	0.7	0.7	0.7	0.55	0.6	0.6	0.65
LIQUOR ASSAYS													
mg/l Au @ 6hrs	7.11	14.5	11.8	1.10	18.4	2.93	48.6	87.1	-	-	-	-	-
mg/l Au @ 24hrs	7.99	19.1	15.2	1.50	19.7	4.01	55.7	108.9	3.16	16.0	14.5	4.24	2.63
mg/l Ag @ 24hrs	3.73	7.68	5.63	0.90	5.50	4.95	13.4	19.1	3.45	7.35	16.0	11.2	7.45
RESIDUE ASSAYS													
g/t Au	1.20	3.72	4.65	0.76	7.91	0.80	23.3	115	0.42	2.16	5.53	3.93	1.15
g/t Ag	13	13	10	2	12	6	34	29	3	16	10	13	6
back calc. g/t Au	10.7	28.8	25.7	2.58	34.1	6.18	115.7	396.0	4.16	20.7	24.7	8.67	4.23
g/t Ag	16.7	20.7	15.6	2.9	17.5	10.9	47.4	48.1	6.4	23.3	26.0	24.2	15.4
EXTRACTION %													
amalgam. %	15	21	23	12	19	22	32	43	14	12	19	5	11
+Au @ 6hrs	81	50	69	55	54	70	74	65	-	-	-	-	-
+Au @ 24hrs	89	87	82	70	77	87	80	71	90	90	78	55	73
Ag @ 24hrs	22	37	36	31	31	45	28	40	53	31	61	46	48

TABLE 2

Material despatched to Mt Lyell

Sample	g
T10469	824
70	1126
71	751
72	1820
73	909
74	1430
75	1020
76	988
77	1026
78	1218
79	921
T12113	1168
T12122	1465
23	1029
24	1435

APPENDIX 1

RGC Sample Identification Notes

RGC EXPLORATION PTY. LIMITED

215

INCORPORATED IN N.S.W.
Exploration Division of Renison Goldfields Consolidated Limited

517216

BURNIE OFFICE

55 MAIN ROAD,
WIVENHOE, BURNIE,
TASMANIA, 7320.

P.O. BOX 839
BURNIE, TASMANIA, 7320

LAN, 5510/105.

TELEPHONE (004) 31 7211

FAX (004) 31 3613

8th August, 1988.

Mr Steve Rayner,
For Anamet,
12 Clearview Place,
BROOKVALE,
New South Wales 2100

Dear Steve,

HENTY PROJECT SAMPLES

Please find enclosed 15 samples for metallurgical testwork. These samples are from our latest deep drill hole at the Henty prospect - HP42. Because only an NQ intersection was achieved through the mineralisation it has been decided to use the crushed residue from assaying for metallurgical testing rather than quartered core. The residue samples consist of half the drill core intersection (after splitting) which has been crushed and reduced by disk grinding to approximately 100 mesh (150 micron). The samples are from 1m assay intervals and each weigh approximately 2.0kg.

HP42 intersected three high-grade zones of gold mineralisation. Assay numbers, sample intervals, and gold values are tabled below.

	Assay No.	Interval (m)	Au Assay (g/t)
Zone 1	T10469	597-598	14.27
	T10470	598-599	36.00
	T10471	599-600	26.60
	T10472	600-601	0.37
	T10473	601-602	2.22
	T10474	602-603	0.26
	T10475	603-604	34.20
	T10476	604-605	8.57
	T10477	605-606	117.10
	T10478	606-607	378.90
	T10479	607-608	4.43
Zone 2	T12113	638-639	21.10
Zone 3	T12122	645.9-647	25.60
	T12123	647-648	9.93
	T12124	648-649	4.21

All three zones are similar in mineralisation style, with quartz-base metal mineralisation associated with intense silica-sericite alteration and carbonate veining. This type of mineralisation is very similar to that in HP12 which has been previously metallurgically tested.

Gold is visible in sections of the core. Clusters of gold grains occur with sulphides in the intervals 605-605m and 606-607m. A gold grain was also detected in the interval 597-598m.

Relevant sections of the geological log of HP42 with Cu, Pb, Zn, Ag, As, Bi assay results are included.

Please contact John Butler for instructions of test work required.

Yours faithfully,

R.H. ROBERTS.
Geologist.

GOLD FIELDS EXPLORATION PTY. LIMITED

PROJECT: HENTY

DRILL CORE LOG AND ASSAY DATA

HOLE NUMBER: HP42

INTERVAL From	To	RECOVERY m	%	DESCRIPTION	Sample No	From	To	Rec %	ASSAY DATA (All ppm) Au	Ag	Cu	Pb	Zn	As	Bi		Au
341	344	2.9	97	Fold axis/CA = 48°													
344	347	2.95	98														
347	350	3.00	100	591.4-603.2 STRONGLY MINERALISED ZONE	T10463	591.4	592		4.48	<2	5000	2850	1950	11	33		
350	353	2.80	94	Quartz-base metal mineralisation occurs as blue-grey	64	592	593		0.71	2	925	975	2975	11	11		
353	356	3.00	100	siliceous lenses and veins within intense silica-sericite	65	593	594		0.18	<2	800	375	300	3	3		
356	359	2.90	97	-pyrite alteration. Coarse-grained base-metal sulphides	66	594	595		0.20	4	725	450	500	5	4		
359	362	2.95	98	occur within the siliceous lenses.	67	595	596		1.55	15	50	50	275	8	2		
362	365	3.20	106		68	596	597		0.44	<2	850	350	275	8	12		
365	368	2.80	94	591.4-592.8: Grey silica-sericite-pyrite alteration with lenses	69	597	598		8.37	30	2500	8300	17000	8	45		14.27
368	371	2.95	98	of blue-grey silica containing sulphides (2-3%). Mainly	70	598	599		28.30	22	4750	3675	850	10	66		36.00
371	374	2.75	91	pyrite with minor chalcopyrite and galena.	71	599	600		24.20	18	1525	2350	400	11	61		26.60
374	377	2.75	91	592.8-597.8: Intense silica-sericite alteration with lenses of pyrite	72	600	601		0.37	<2	250	525	450	15	10		
377	380	2.75	91	and quartz-base metal min.	73	601	602		2.22	2	650	375	250	13	7		
380	383	2.90	97	592.8-594.7: Pale-green sericitic alteration in	74	602	603		0.26	<2	1375	950	225	16	9		
383	386	2.8	94	silicified volcanic.	75	603	604		38.3	25	1850	9100	325	17	33		34.20
386	389	2.80	94	594.7-596.3: Silica-sericite-pyrite alteration.	76	604	605		7.50	5	1500	2350	225	11	15		8.57
389	392	3.00	100	Py:2-10% and minor chalcopyrite.	77	605	606		130.0	72	5700	11900	2150	26	119		117.10
392	395	2.90	97	596.3-597.8: Pale-green silica-sericite alteration with	78	606	607		370.0	65	6300	6100	800	9	109		378.90
395	398	2.90	97	lenses of quartz-base metal min. Sulphides (1-2%)	79	607	608		4.43	<2	1475	8900	9900	6	5		
398	401	2.85	95	consisting of pyrite, galena, sphalerite and chalcopyrite.	81	608	608.7		1.61	<2	1475	6900	1875	6	5		
401	404	2.80	94	597.8-600: Silica-sericite alteration with extensive quartz-base	82	608.7	609.2		0.22	<2	400	500	225	42	3		
404	407	2.90	97	metal min. (10-20% of rock). Sulphides (galena,	83	609.2	610		0.07	<2	300	<25	300	4	<1		
407	410	2.90	97	sphalerite, chalcopyrite): 1-3%	84	610	610.9		0.16	<2	250	125	300	11	<1		
410	413	2.60	88	597.8-597.9: Galena-sphalerite-minor chalcopyrite band.	85	610.4	611.4		0.99	<2	1450	3400	1400	33	7		
413	416	2.85	95	597.9: N.B. VISIBLE GRAIN OF GOLD.	86	611.9	612.9		0.81	18	2550	17200	15200	45	6		
416	419	3.00	100	600-600.2: Fault Pug.	87	612.9	613.9		0.24	<2	575	3625	3250	39	7		
419	422	2.8	94	600.2-603.2: Strong silica-sericite-pyrite alteration (10% fine-grained	88	613.9	615		0.10	<2	250	1225	5400	20	1		
422	425	2.9	97	pyrite) with quartz-base metal min. (5-10% of rock)	89	615	616		0.11	2	125	1525	1675	19	2		
425	428	2.7	90	containing minor pyrite, galena, chalcopyrite.	90	616	617		1.25	<2	1250	2725	550	16	5		
428	431	2.8	94	602.3: Fol/CA = 45°	91	617	618		1.17	4	7100	8400	1075	29	18		
431	434	2.6	88		92	618	619		3.71	25	3100	6100	4000	64	4		
434	437	2.8	94	603.2-608.7: MAJOR ZONE OF MINERALISATION	93	619	620		0.17	2	725	1175	175	62	7		
437	440	2.8	94	Intense pervasive silica-sericite-pyrite alteration with	94	620	621		0.05	<2	350	550	200	55	8		
440	443	2.5	83	quartz-base-metal min. (10-15%). Associated CO_3	95	621	622		0.04	<2	100	100	150	39	1		
443	446	2.8	94	alteration occurs in fractures and veinlets (CO_3 content	96	622	623		0.04	6	400	350	200	68	8		
446	449	2.9	97	5-10%). The CO_3 alteration appears to be later than	97	623	624		0.06	<2	375	400	175	65	10		

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION
449	452	2.9	97	the pervasive silica-sericite-pyrite alteration. Coarse-grained sulphides
52	455	2.9	97	(pyrite, galena, sphalerite, chalcopyrite) in the quartz-base metal min.
55	458	3.0	100	vary up to 5%. Sulphide-rich sections are 605.2-605.7, 606.4-606.6, 607.0-
58	461	2.95	98	607.1.
61	464	2.95	98	N.B. Clusters of visible gold grains occur with the sulphides at
64	467	2.95	98	605.6-605.7 and 606.4-606.6. A single gold grain occurs without
67	470	2.9	97	sulphide at 606.1.
70	473	2.8	94	
73	476	2.9	97	608.7-609.2 CARBONATE-RICH ZONE
76	479	2.85	95	
79	482	2.9	97	608.7-608.9: Silica-sericite-pyrite-carbonate alteration.
82	485	2.85	95	608.9-609.2: White carbonate with blood-red jasper from 609.1-609.2
85	488	2.9	97	
88	491	2.9	97	609.2-610.9: CHLORITE-SILICA ALTERATION ZONE
91	494	2.8	94	Green silicified unit with minor pyrite on fractures.
94	497	2.9	97	
497	500	2.8	94	610.9-613.9 STRONGLY MINERALISED ZONE
500	503	3.0	100	Silica-sericite-pyrite alteration with quartz-base metal mineralisation
503	506	3.0	100	(up to 30%). Coarse-grained sulphides (pyrite, galena, chalcopyrite,
506	509	2.8	94	sphalerite): 5-10% in quartz-base metal min. Overall pyrite content
509	512	2.85	95	in rock approx. 10%.
512	515	3.0	100	612.5: Fol/CA = 45°
515	518	2.95	98	613.0: Fol/CA = 38°
518	521	2.9	97	
521	524	2.8	94	613.9-619.5 WEAKLY MINERALISED ZONE
524	527	3.0	100	
527	530	2.9	97	613.9-615: 50% Silica-sericite-pyrite alteration and 50% unaltered
530	533	2.9	97	quartz phyric volcanic.
533	536	2.95	98	615-619.5: Patchy silica-sericite-pyrite alteration with quartz-
536	539	2.6	88	base metal min. (15%). Sulphides (pyrite, galena, sphalerite,
539	542	2.6	88	chalcopyrite): 2-3%.
542	545	2.75	91	616.7-616.8: Pug zone. Broken core either side of pug from
545	548	2.5	83	615-619.5.
548	551	2.8	94	Minor CO_2 in fractures.
551	554	2.9	97	
554	557	2.85	95	

ASSAY DATA

Sample No	From	To	Rec %

012

GOLD FIELDS EXPLORATION PTY. LIMITED

PROJECT: HENTY

DRILL CORE LOG AND ASSAY DATA

HOLE NUMBER: HP42

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION
557	560	2.8	94	619.5-624.1 STRONGLY ALTERED VOLCANICS
560	563	2.5	83	Strong pervasive silica-sericite-pyrite alteration. Minor CO_3 in
563	566	2.8	94	lenses. Py: 15-20%.
566	569	2.5	83	623.8: 1cm wide lens of massive pyrite with CO_3 gangue.
569	572	2.5	83	
572	575	2.8	94	624.1-627.1 VERY WEAKLY ALTERED QUARTZ-PHYRIC
575	578	2.7	90	VOLCANIC
578	581	1.6	55	Minor patchy sericitic-silica alteration.
581	584	3.0	100	Quartz-phyric volcanic with pink silicified patches (5%) and green
584	587	2.7	90	sericitic patches (10%).
587	590	2.5	83	
590	593	2.8	94	627.1-629 MODERATELY ALTERED VOLCANIC
593	596	3.0	100	Silica-sericite-pyrite alteration with minor CO_3 in fractures.
596	599	2.9	97	Pyrite-rich bands. Py: 1-2%.
599	602	2.85	95	
602	605	2.85	95	629-632.9 CARBONATE ZONE
605	608	3.0	100	70% carbonate with patchy silica-sericite-pyrite alteration.
608	611	2.9	97	Py: 1-2%.
611	614	2.6	88	
614	617	2.9	97	632.9-637.0 VOLCANICLASTIC SHALE
617	620	2.9	97	Light-grey volcaniclastic ash. Minor pyrite and CO_3
620	623	2.95	98	633: FOL/CA = 30°
623	626	2.85	95	
626	629	3.0	100	637.0-641.5 MINERALISED ZONE
629	632	3.0	100	Pervasive strong silica-sericite-pyrite alteration (Py: 5%)
632	635	2.95	98	Very minor CO_3. Quartz-base metal min. (5%).
635	638	3.0	100	Splashes of galena, chalcopyrite and sphalerite. Base-metal
638	641	2.95	98	sulphide-rich zone at 639.5-639.9.
641	644	2.9	97	637.2: ½cm wide lens of massive pyrite.
644	647	3.0	100	
647	650	2.9	97	641.5-645.9 WEAKLY ALTERED VOLCANICS
650	653	3.0	100	Silica-sericite-pyrite alteration, minor CO_3 in fractures.
653	656	3.0	100	
656	659	3.0	100	645.9-650.5 STRONGLY MINERALISED ZONE
659	662	2.9	97	
662	665	2.95	98	645.9-649.1 Strong silica-sericite-pyrite alteration with patchy

ASSAY DATA (All ppm)

Sample No	From	To	Rec %	Au	Ag	Cu	Pb	Zn	As	Bi		Au
T10498	624	625		0.01	<2	75	<25	125	13	3		
99	625	626		0.01	2	25	<25	150	14	3		
T12101	626	627		0.05	1.0	10	55	90	9	1		
102	627	628		0.01	2.0	33	75	145	17	<1		
103	628	629		0.06	1.0	10	50	90	20	2		
104	629	630		0.01	2.0	18	70	105	13	4		
105	630	631		0.01	1.0	15	75	145	11	4		
106	631	632		0.01	2.5	30	75	140	18	3		
107	632	633		0.01	2.0	10	80	130	15	4		
108	633	634		0.05	1.0	50	125	240	29	5		
109	634	635		0.03	2.0	115	315	405	71	6		
110	635	636		0.04	2.5	195	900	900	89	5		
111	636	637		0.03	4.0	350	1800	1850	39	<1		
112	637	638		0.64	17.5	1800	4650	3350	170	20		
113	638	639		18.10	32.0	1010	8050	6100	87	32		21.10
114	639	640		0.70	12.0	2050	7900	9250	37	9		
115	640	641		1.07	10.0	555	1660	115	56	13		
116	641	642		2.57	19.0	50	195	310	53	5		
117	642	643		0.07	2.0	20	70	90	15	7		
118	643	644		0.06	1.5	20	80	110	16	2		
119	644	645		0.02	0.5	20	60	130	9	<1		
121	645	645.9		0.46	8.5	25	75	85	32	4		
122	645.9	647		23.80	40.0	3650	190	210	29	30		25.60
123	647	648		8.40	36.0	2400	215	155	250	26		9.93
124	648	649		4.24	20.0	1800	135	170	70	10		
125	649	650		0.50	10.0	1450	210	195	110	12		
126	650	651		0.16	4.0	50	80	90	22	4		
127	651	652		0.04	1.5	20	65	90	15	<1		
128	652	653		0.05	1.0	30	45	90	20	9		

GOLD FIELDS EXPLORATION PTY. LIMITED

PROJECT: HENTY

DRILL CORE LOG AND ASSAY DATA

HOLE NUMBER: HP42

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION
665	668	2.95	98	quartz-base metal min. (above 5%) and CO_3 filled fractures.
668	671	2.95	98	649.1-650.5 Strong alteration, but only minor quartz-base metal min.
671	674	2.9	97	Massive pyrite lenses less 1cm wide (Py: 5-7%).
674	677	2.9	97	
677	680	2.95	98	650.5-669.9 WEAKLY ALTERED VOLCANICS
680	683	2.5	83	Weak sericitic alteration of quartz-phyric volcanics.
683	686	2.85	95	Minor chlorite-carbonate in fractures.
686	689	2.95	98	
689	692	2.9	97	669.9-671.1 MODERATE TO STRONGLY ALTERED VOLCANICS
692	692.5	.5	100	Sericite-pyrite alteration.
				669.9-670.1: Pyrite-rich zone (Py: 10%)
				671.1-682.5 INTENSE SILICA ALTERED VOLCANICS
				671.3: Quartz vein breccia
				681.1-681.2: Quartz vein.
				682.5-692.5 MODERATE TO STRONGLY ALTERED VOLCANICS
				Moderate to strong silica-sericite-pyrite alteration.
				Intense sericite-pyrite alteration in patches.
				Overall pyrite content up to 10%. Minor slugs of coarse pyrite and chalcopyrite.
				E.O.H.

ASSAY DATA (ALL PPM)

Sample No	From	To	Rec %	Au	Ag	Cu	Pb	Zn	As	Bi	Au		
T12129	669	669.9		0.01	1.5	10	55	75	12	3			
130	669.9	671.1		0.03	2.0	20	75	75	19	9			
131	671.1	672		0.01	0.5	10	35	60	8	<1			
132	672	673		0.03	1.5	5	15	40	6	<1			
133	681.5	682.5		0.03	1.5	55	330	500	12	1			
134	682.5	683.5		0.11	3.0	530	185	160	74	27			
135	683.5	684.5		0.08	2.0	70	115	95	50	21			
136	684.5	685.5		0.07	3.0	40	190	100	33	18			
137	685.5	686.5		0.09	2.0	60	175	90	41	18			
138	686.5	687.5		0.07	1.5	50	185	240	35	8			
139	687.5	688.5		0.03	1.5	20	90	220	14	<1			
141	688.5	689.5		0.09	1.5	140	145	155	25	32			
142	689.5	690.5		0.05	1.5	20	40	70	3	<1			
143	690.5	691.5		0.09	1.5	370	90	85	38	20			
144	691.5	692.5		0.09	3.5	480	110	105	31	17			
		ASSAY METHOD		FIRE ASSAY	AAS	AAS	AAS	AAS	VAPOUR HYDRIDE	AAS	FIRE ASSAY + GRAV.	ASSAY : MDS	
		DETECTION (PPM)		0.01	0.5	5	5	5	1	1	0.05	T12101 - T12144	
		DETECTION (PPM)		0.01	2	25	25	25	1	1	0.05	T10463 - T10499	

517222

221 FOX ANAMET

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CMcD:sh
88/3011

Report 88/002993

Gold Extraction from Henty Ore
Drill Hole 42

(Addendum to Report 88/002923)

for

Renison Goldfields Consolidated Ltd

C.J. McDowell

September 28, 1988

INTRODUCTION

Thirteen mineralised intersections described in the previous report 88/002923 were tested to determine the gold recovery by direct cyanidation giving extraction levels ranging 55 to 90%. Gold grades varied considerably with typical test grinds of around 58% passing 75 µm. With the poor response from some samples, the logical extension was what improvement could be achieved at finer but still practical grinds.

Sample availability was limited, the residual from the tests above being sent to Mt Lyell for flotation tests. They in turn prepared three composites from the sample nominated as zone B, C and D of about 500 g each and returned them to Fox Anamet for cyanide leaching at a finer grind.

Calculated gold extraction for each of the zone samples based on the initial extraction was 76, 82 and 78% respectively.

PROCEDURE

Each sample was further dry pulverised and leached in its entirety at 50% solids for 24 hours with 1.0 kg/t NaCN. Liquor was assayed for gold at 6 and 24 hours with the washed tails fire assayed.

RESULTS

The test data is presented in Table 1 overleaf at an average grind of 68% passing 75 µm, still a little coarser than targetted. Lime and cyanide consumption was less than 1 kg/t, consistent with previously, with the extraction for zones B, C and D of 93, 77 and 80% respectively. Compared to the values quoted in the Introduction only the high grade zone A material showed any improved extraction at the finer grind.

TABLE 1

HENTY ORE CYANIDE LEACH HP42

	B	C	D
sample weight g	578	569	566
pulverise time secs	30	30	30
grind % passing 75µ	64.2	72.3	67.8
solution volume mls	578	569	566
% solids	50	50	50
initial pH	8.3	8.6	8.5
hyd. lime kg/t	0.2	0.2	0.2
leach pH	10.4	10.4	10.4
NaCN			
kg/t added	1.0	1.0	1.0
residual % NaCN @6hr	0.060	0.062	0.066
@24 hr	0.024	0.034	0.036
kg/t consumption	0.9	0.8	0.8
LIQUOR ASSAYS			
mg/l Au @6hrs	22.8	6.62	2.88
@24hrs	28.2	9.49	3.01
mg/l Ag @ 24hrs	12.0	23.1	5.90
RESIDUE ASSAYS			
g/t Au	2.08	2.92	0.69
	2.00	2.75	0.76
ave.	2.04	2.83	0.73
back calc. g/t Au	30.2	12.3	3.74
DISSOLUTION %			
Au @ 6hrs	75	54	77
@ 24hrs	93	77	80

APPENDIX 4

Preliminary Geostatistical Reports

517226

PRELIMINARY GEOSTATISTICAL EVALUATION

OF THE HENTY GOLD PROSPECT

January, 1989.

517227

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Project No: SM/N88/REN/20

PRELIMINARY GEOSTATISTICAL EVALUATION OF THE HENTY GOLD PROSPECT

Client: RGC Exploration Pty Ltd
Consultant: Daniel Guibal
Date: January, 1989

Distribution:

RGC Ex - Canberra (1)
Barnie (1)
Queenstown (1)
RGC - Sydney (1)

517228

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PRELIMINARY GEOSTATISTICAL EVALUATION OF THE HENTY GOLD PROSPECT

by Daniel Guibal, SIROMINES

1. INTRODUCTION - CONCLUSION

The object of the study is the preliminary appraisal of the Henty Gold Prospect.

From the initial 1036 samples from 42 drill holes, a selection has been made of the ones belonging to the mineralized vein system. Two different approaches have been taken for evaluating this data:

- A 2D study, in the plane of the vein, (striking 15° north and dipping 77.4° west), concentrates in the variable thickness, true thickness and accumulation. These variables show a good continuity, especially the thickness, consistent with the geological section. A trend is apparent in most of the variograms (which are of a linear type). The results of this study can be used for a reasonable estimation of the tonnage of the "useful" part of the vein.

- A 3D study, in the same plane, is dedicated to an analysis of the gold grades of the 1m samples. Although the variability is high, by working on gaussian transformed data, it is possible to notice some clear features: low nugget effect and short range (5m) down the hole (i.e. more or less across the vein) ,larger range structures (220m) along strike, and an impressive "hole effect" down dip, which could be related to a lenticular structure. The results of this

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variography are used for producing a preliminary estimate of the global recoverable reserves taking into account a mining selectivity unit of 20m (along strike) x 10m (down dip) x 2 m (across the vein): these are given in the table at the end of the report.

Although the precision of the estimation is certainly not high, it gives a good indication of what has to be expected at this stage, in particular, it provides a basis for an economical analysis of the prospect, which should determine its future viability.

If the results of this analysis are positive, and development takes place, it will be necessary to add a few holes for closing some obvious gaps which contribute to the unreliability of the current evaluation.

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2. THE DATA

The initial data consisted in 42 drill holes, and 1036 assayed samples.

A significant number of these assays were obviously out of the mineralized vein, so for each drill hole, more limited (and significant) intersections have been defined by P. Carrasco, from the geological sections.

Of the original 42 holes, 1(HP002A) shows no significant intersection, 20 have one such intersection, 17 have 2 intersections, 2 have 3 intersections (HP001 and HP004) and 2 have 4 intersections (HFZ12 and HP023).

All these intersections are the ones which contain the mineralization; and our study has been exclusively concerned with them.

Most of the samples are 1m long; in order to make comparisons and statistical calculations meaningful, we regularized all samples within the selected intersections to 1m.

After this operation has been performed, a total amount of 501 1m regularized samples was obtained, which have been used in the study.

Essentially 2 different approaches have been followed:

- at 2D: study of the variables thickness and accumulation corresponding to the intersection
- at 3D: study of the 1m regularized samples (Au grades).

Because of the nature of the deposit (a fairly well defined vein), we firstly tried to characterize statistically the geometrical parameters of

the vein (strike and dip). For this purpose, we took the 41 first intersections of all the drill holes, and looked for the best plane (in the least square sense), going through the middles of the intersections. (We limited ourselves to the first intersections because we feel that those represent the main vein. In any case, the difference with using all the intersections is not huge).

The regression equation of the plane is:

Easting = 61986 + 0.274 * Northing + 0.232 * Elevation

Remarkably (although the usual statistical hypothesis of the regression are not totally satisfied), this equation explains 98% of the variability of Easting! This clearly indicates the high geometric continuity of the vein.

From this equation, it is easy to calculate the following parameters:

azimuth (strike direction) = 15°

dip = 77.4° (towards the west)

Simple rotations of the initial co-ordinates, using these angles will allow us to work within a new system of co-ordinates related to the "vein plane".

3. 2-D ANALYSIS

For each intersection, we define the following variables:

- thickness (along the hole)
- true thickness (taking into account the orientation of the vein)
- accumulation of gold (product of gold grade by true thickness)
- gold grade

The global statistics (undeclusterized) for all the intersections are:

Variable	nb of data	mean	median	variance	o/m	minimum	maximum
thickness	69	7.3m	6.0m	34.2	0.8	0.	28.6
true thickness	69	5.5m	4.1m	21.1	0.8	0	22.3
accu	69	13.4m	2.8m	761.1	2.1	0	186.3

Obviously the accumulation is more variable (and more skewed) than the thickness and true thickness. By eliminating the three highest values, the mean drops to 8.8, and o/m = 1.6.

It is interesting to look at the same statistics restricted to the first intersections (which correspond to the main part of the vein) :

Variable	nb of data	mean	median	variance	σ/m	minimum	maximum
thickness	42	7.7m	5.9m	43.4	0.9	0.	28.6
true thickness	42	5.7m	4.1m	25.5	0.9	0.	22.3
Accu	42	15.0m	3.3m	1080	2.2	0.	186.3

It can be observed that the results are fairly similar, which tends to show that the grade and thickness of the first intersections correctly reflect the behaviour of the whole vein system.

In order to evaluate the spatial behaviour of the variables, we calculated the variogram in two main directions : along strike ("horizontally" in the vein plane) and down dip ("vertically" in the vein plane).

Again this calculation has been limited to the first intersections for consistency reasons.

3.1 Variograms of thickness and true thickness (Fig 1 and 2)

These variograms behave very similarly, which is not surprising: the true thickness is calculated through a simple geometrical transformation of the thickness!

A clear structure is apparent horizontally and vertically. Higher continuity (in the sense of a lower value of $\gamma(h)$) is in the horizontal direction. These variograms can be modelled by a linear variogram, with a nugget effect roughly equal to 1/3 of the variance. The fact that the

variogram incrases for large distances in both directions suggests a trend in the data (higher thickness in average towards the North, and increase in depth).

In conclusion, these two variables show a good continuity consistent with the geological section. This indicates clearly that the tonnage of the envelope of the mineralization can be estimated with a good level of precision.

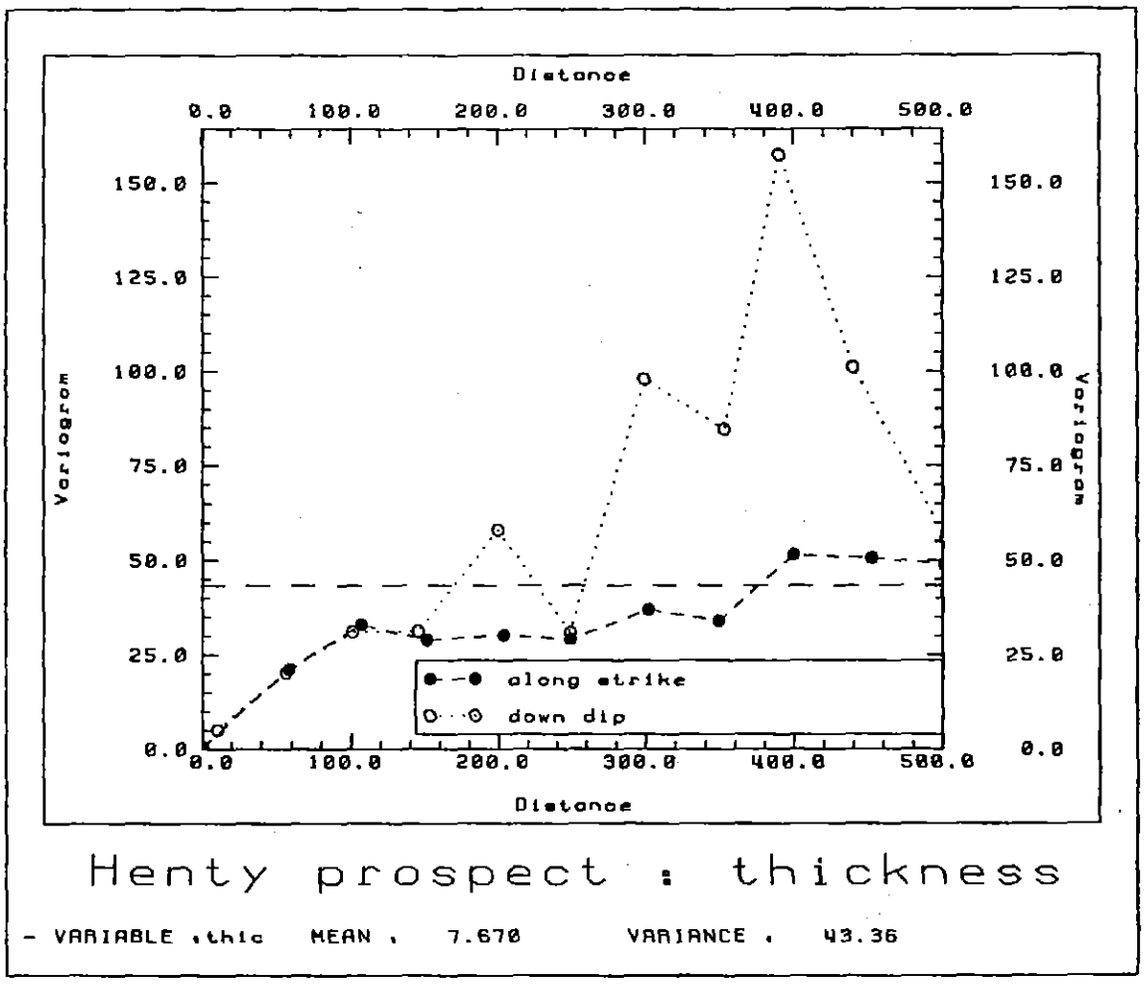


Figure 1

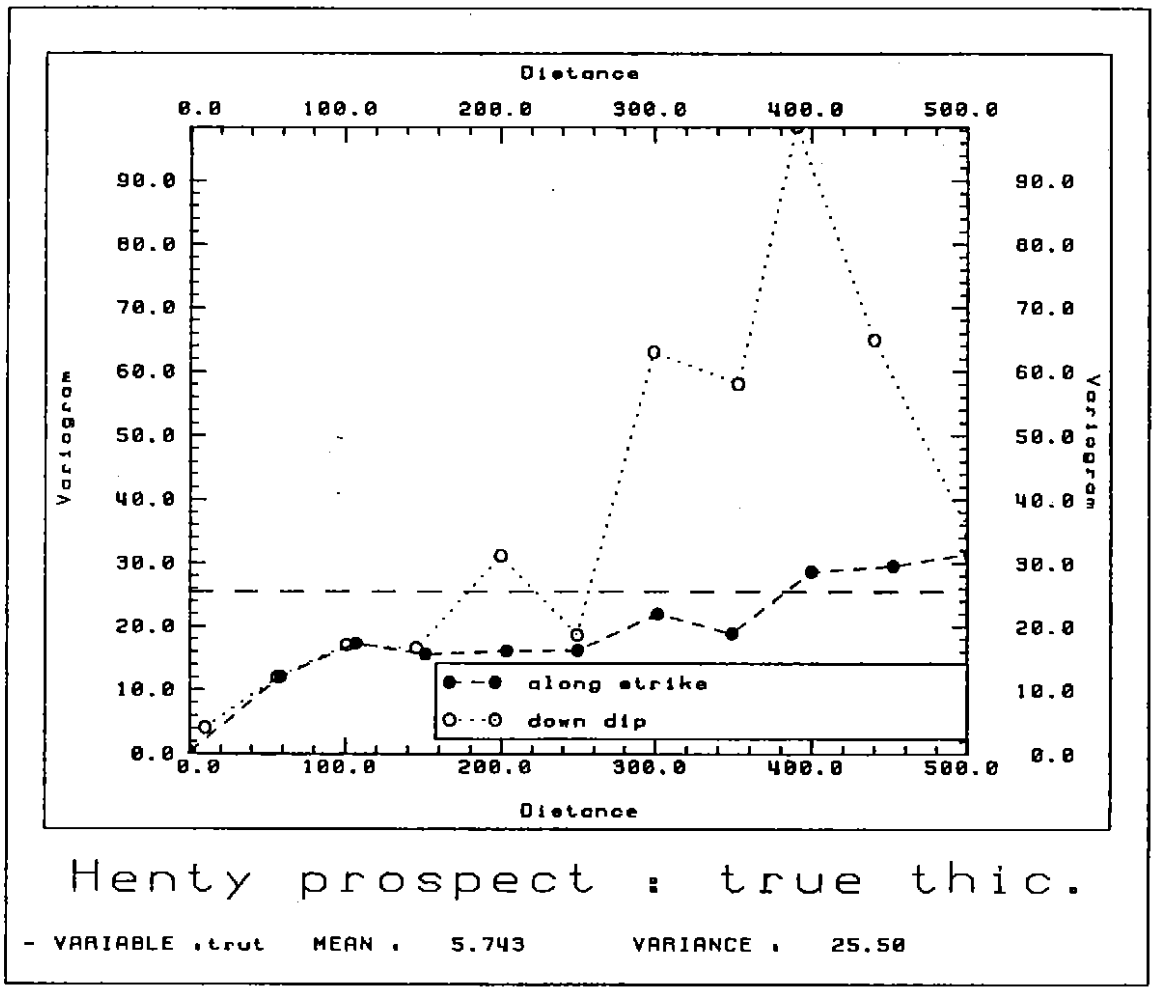

Distance
0.0
100.0
200.0
300.0
400.0
500.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
Variogram
along strike
down dip
Henty prospect : true thic.
- VARIABLE :trut MEAN : 5.743 VARIANCE : 25.50

Figure 2

3.2 Variogram of Accumulation (Fig 3)

Not surprisingly, the accumulation is more erratic. Nevertheless, a linear trend is apparent, with a continuity slightly better horizontally than vertically.

This is confirmed if instead of the raw data the logarithms are taken (in fact log (accu + 0.1) because of one 0 value) (Fig 4). Again the trend noted for the thickness is apparent.

The nugget effect is not too high, and provided the working neighbourhood is not larger than 400m horizontally and 200m vertically, a reasonable estimation can be undertaken.

As the results at 2-D were encouraging , we decided to analyze the 1m samples at 3-D. As a matter of fact, it is always preferable (if possible) to work at 3-D, because from a mining viewpoint, a 3-D estimation is more directly useful than an estimation based on a longitudinal projection.

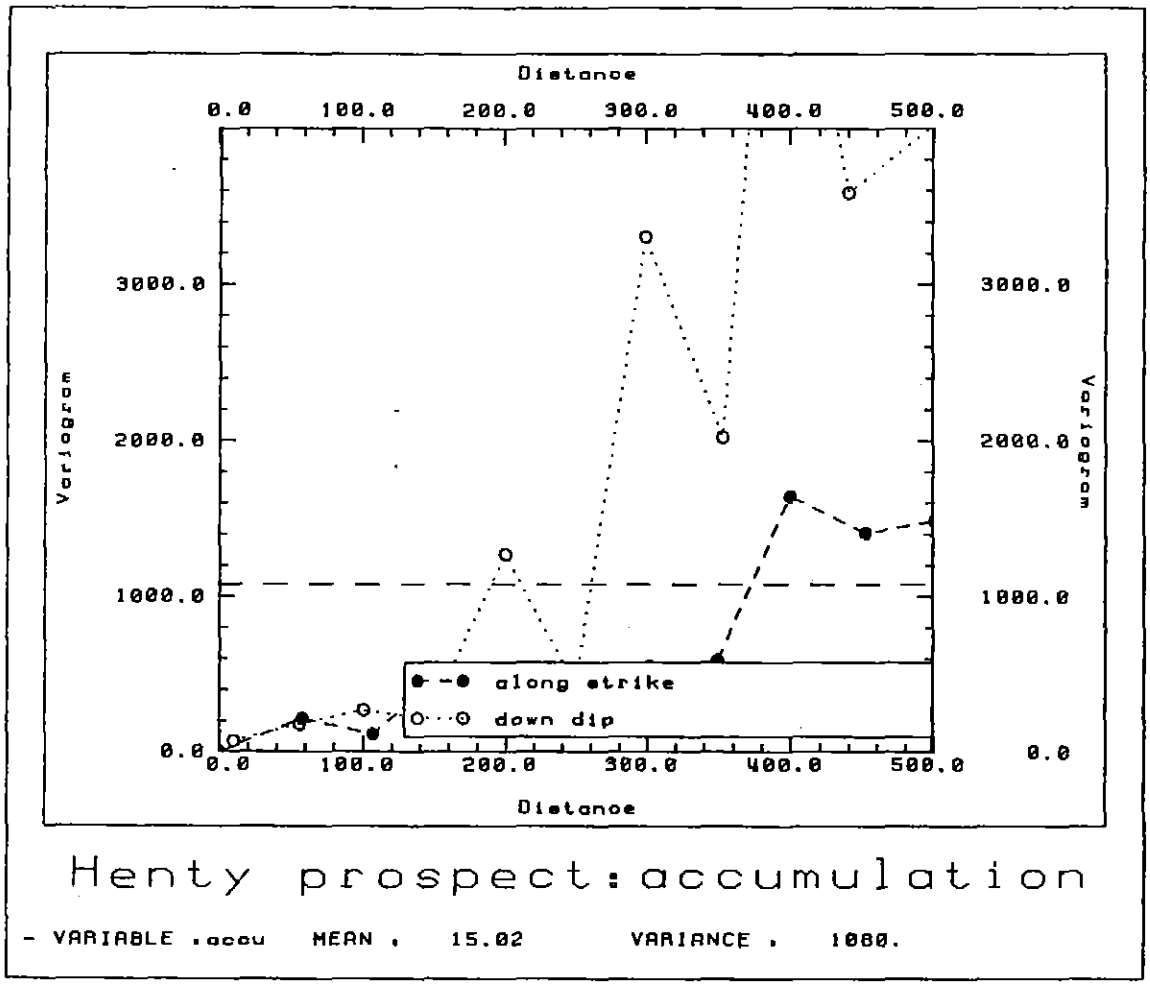

Distance
0.0
100.0
200.0
300.0
400.0
500.0
3000.0
2000.0
1000.0
0.0
Variogram
along strike
down dip
Henty prospect: accumulation
- VARIABLE .accu MEAN . 15.02 VARIANCE . 1080.

Figure 3

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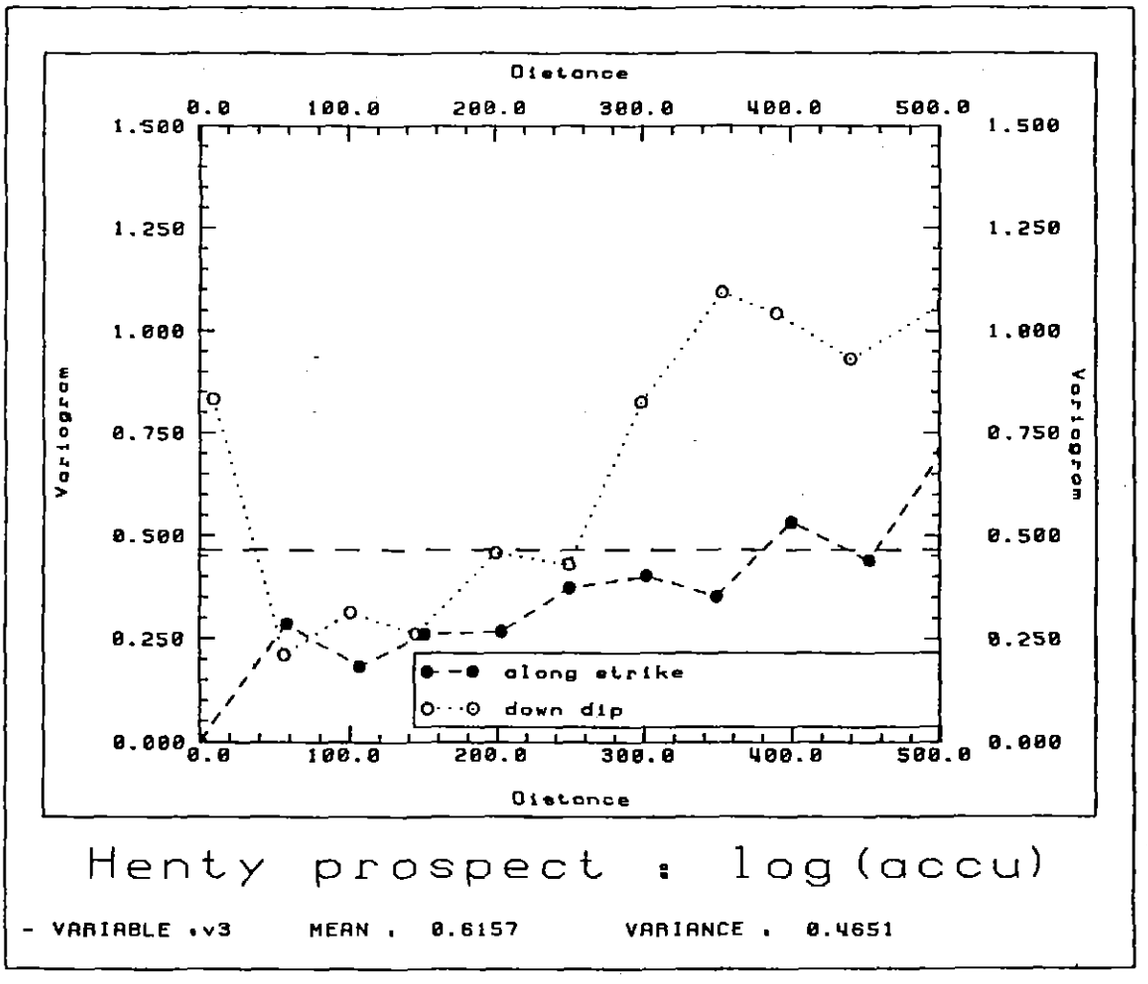

Distance
0.0
100.0
200.0
300.0
400.0
500.0
1.500
1.250
1.000
0.750
0.500
0.250
0.000
Variogram
along strike
down dip
Henty prospect : log(accu)
- VARIABLE .v3 MEAN . 0.6157 VARIANCE . 0.4651

Figure 4

4. 3-D Evaluation

As for the 2-D study, we worked within a system of co-ordinates related to the vein system. The global (not declusterized) statistics are as follows:

Variable	Nb of data	mean	median	variance	σ/m	minimum	maximum
Au	496	2.4	0.38	44.9	2.8	0.01	69.1

The variability is high, as expected - the global (not declusterized) histogram is fairly skewed, of a lognormal type (Fig 5).

In order to get a more accurate estimate of the mean grade, we applied a declusterization method consisting in associating to each data its weight in a kriging of the vein. As expected from the fact that a few high grades are relatively isolated, the average declusterized mean is slightly higher: 2.5g/t and the variance decreases 39.3.

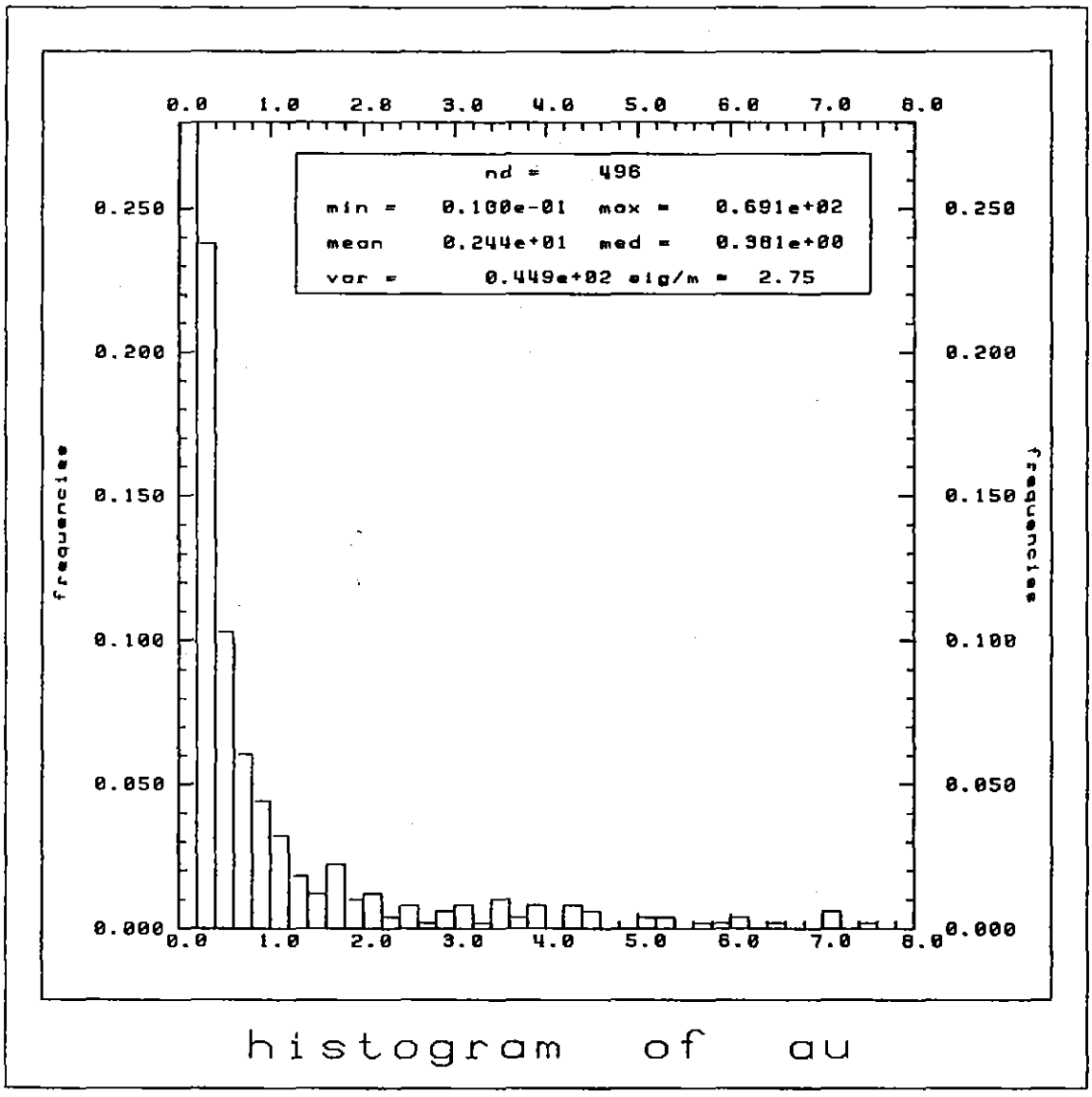

nd = 496
min = 0.100e-01 max = 0.691e+02
mean 0.244e+01 med = 0.381e+00
var = 0.449e+02 sig/m = 2.75
frequencies
0.0 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0
0.250
0.200
0.150
0.100
0.050
0.000
histogram of au

Figure 5

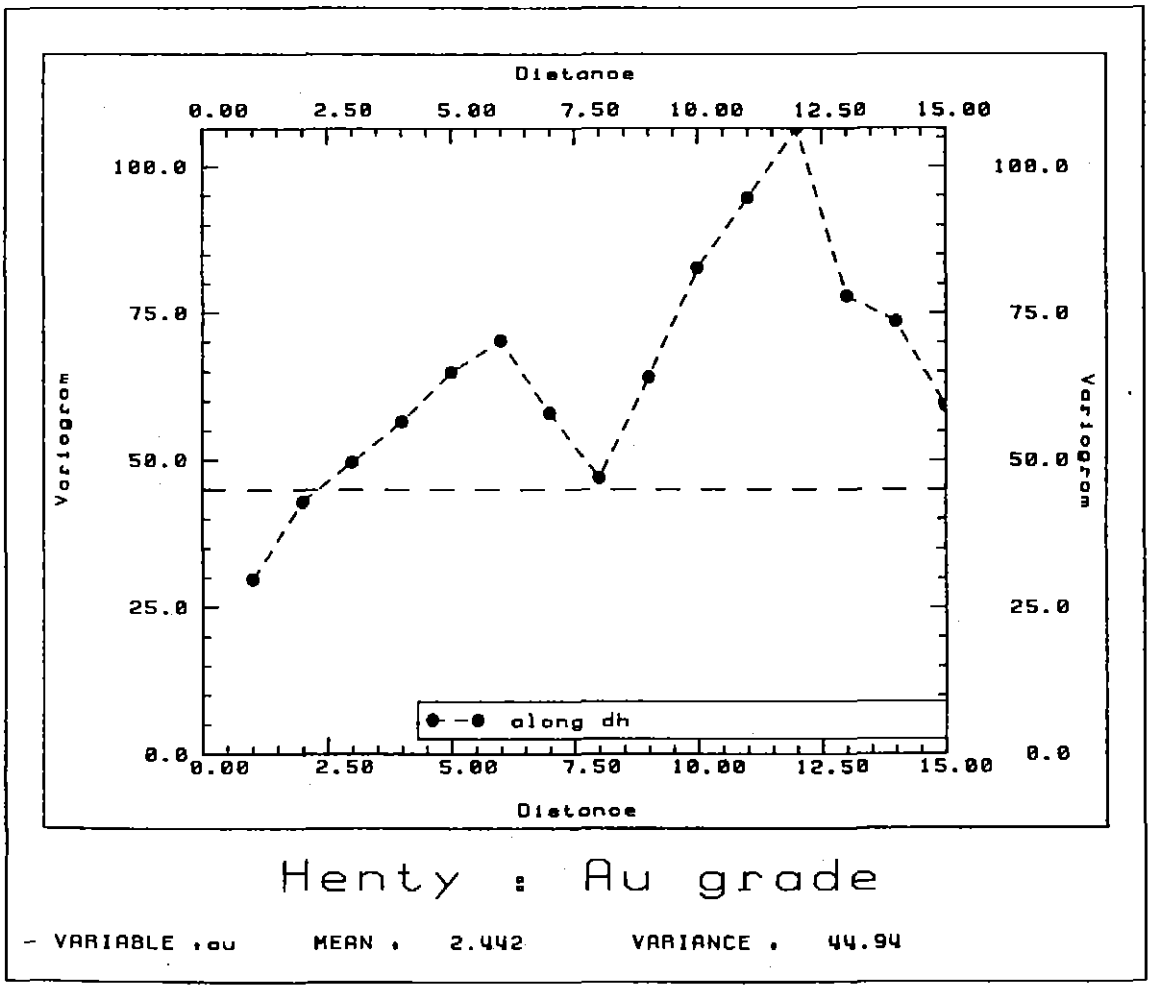
3 variograms have been calculated along the drill holes, along strike (horizontally) and down dip, for the variable Au and its gaussian transformed value (in order to smooth the impact of the higher values).

4.1 Variogram along the drill hole (Fig 6)

The variogram of Au is very well structured, with a relatively low nugget effect, and a range of the order of 5m; a clear hole effect is apparent, which might be related to the existence of various intersections on a same hole.

The variogram of the gaussian transformed values (Fig 7) is very similar, but smoother.

Figure 6



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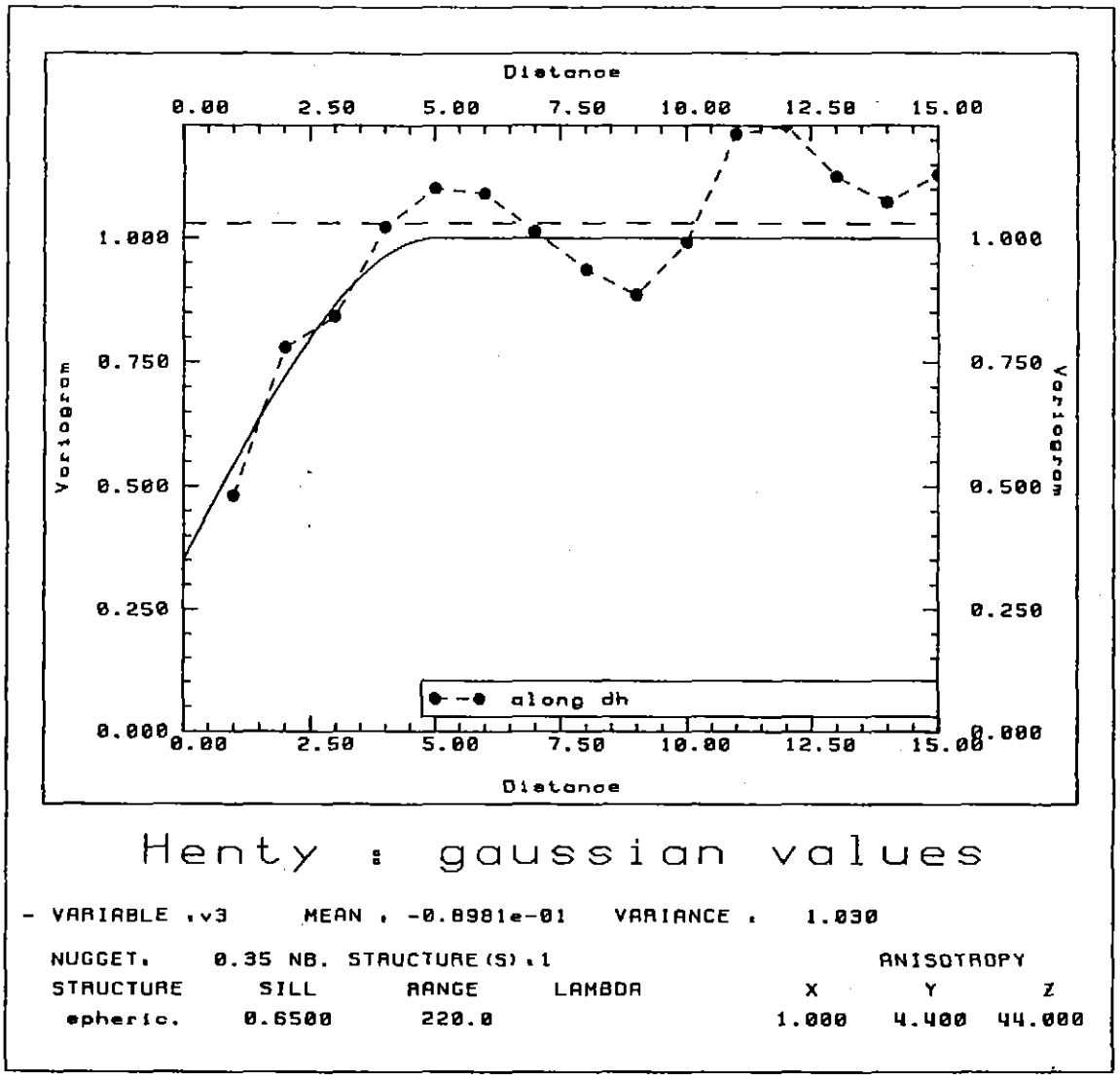

Distance
0.00
2.50
5.00
7.50
10.00
12.50
15.00
1.000
0.750
0.500
0.250
0.000
Variogram
along dh
Henty : gaussian values
- VARIABLE : v3 MEAN : -0.8981e-01 VARIANCE : 1.030
NUGGET: 0.35 NB. STRUCTURE(S) : 1
ANISOTROPY
STRUCTURE SILL RANGE LAMBDA X Y Z
epheric. 0.6500 220.0 1.000 4.400 44.000

Figure 7

4.2 Variograms along strike (Fig 8 and 9)

The variogram of the raw data fluctuates wildly and is difficult to interprete The variogram of the transformed values is much more regular, with a range of the order of 220m.

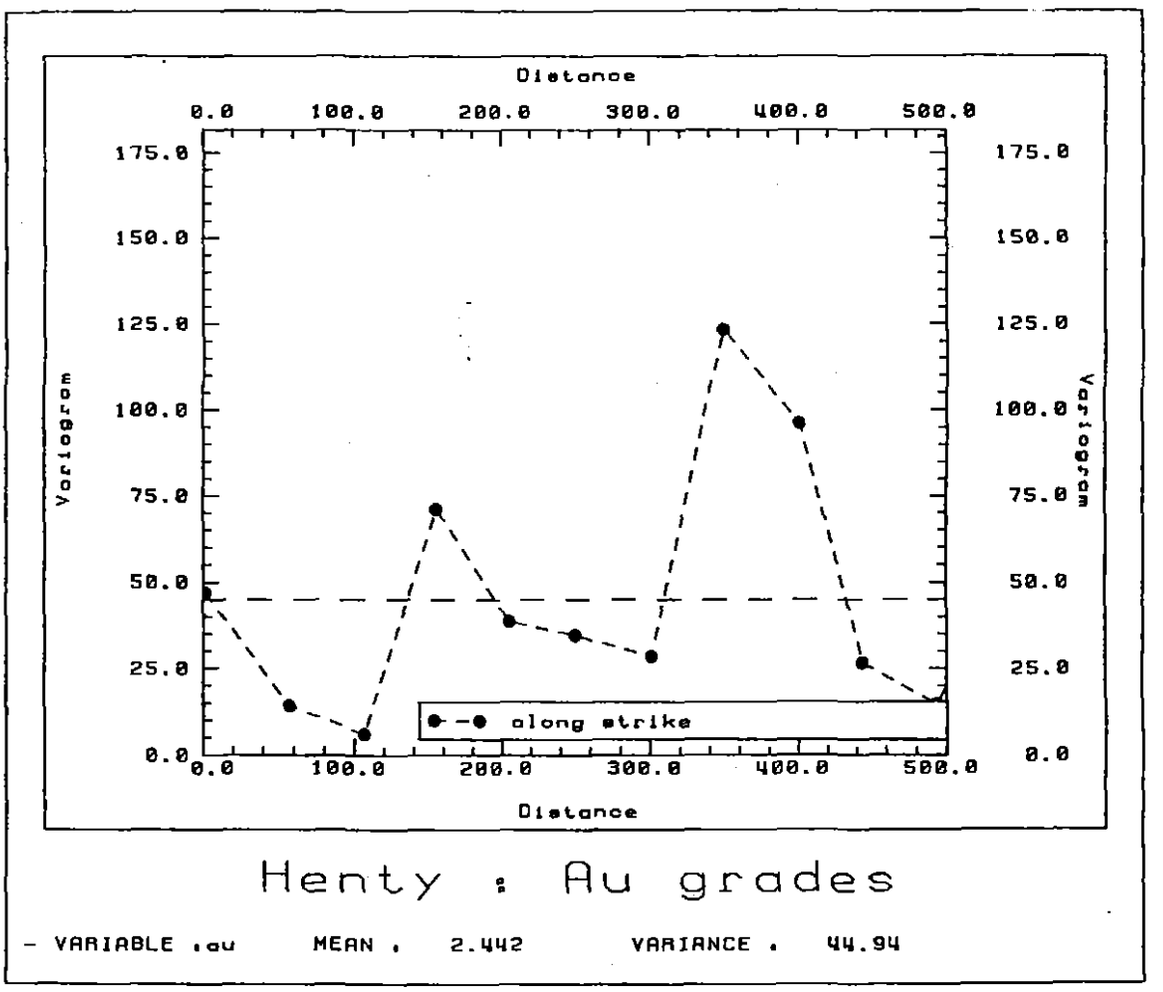


Figure 8

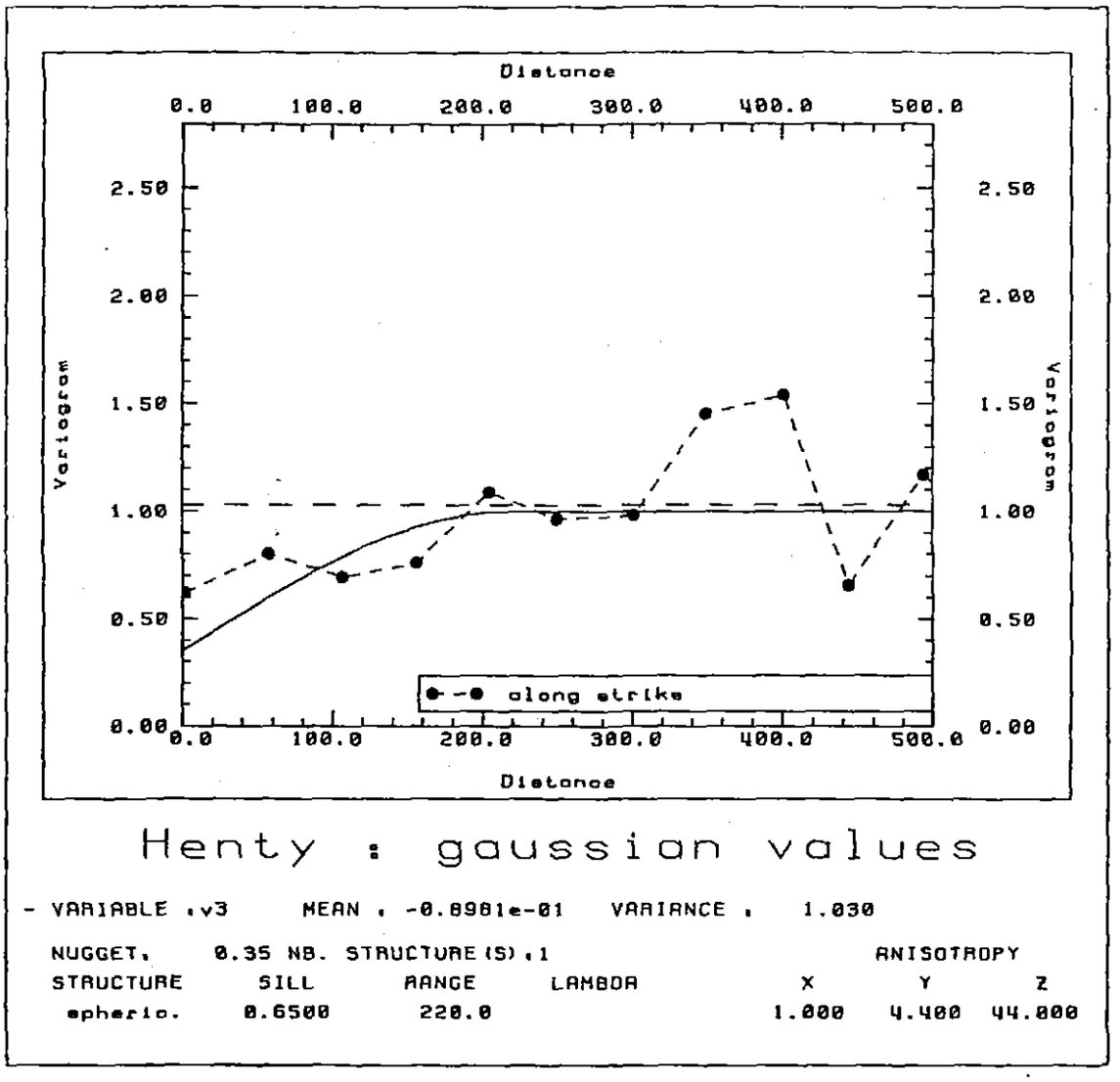

Distance
0.0
100.0
200.0
300.0
400.0
500.0
2.50
2.00
1.50
1.00
0.50
0.00
Variogram
along strike
Henty : gaussian values
- VARIABLE : v3 MEAN : -0.8981e-01 VARIANCE : 1.030
NUGGET: 0.35 NB. STRUCTURE(S) : 1
STRUCTURE SILL RANGE LAMBDA ANISOTROPY
X Y Z
spheric. 0.6500 220.0 1.000 4.400 44.000

Figure 9

4.3 Variograms down dip (Fig 10 and 11)

Again the variogram of the raw data fluctuates a lot, although what can be considered as a hole effect seems to be present. This is clearly confirmed on the transformed values, where the variogram looks like decreasing! This behaviour is certainly related to the geology of the vein (high grade lenses with preferential vertical distribution ?). The size of this hole effect is about 40-50m.

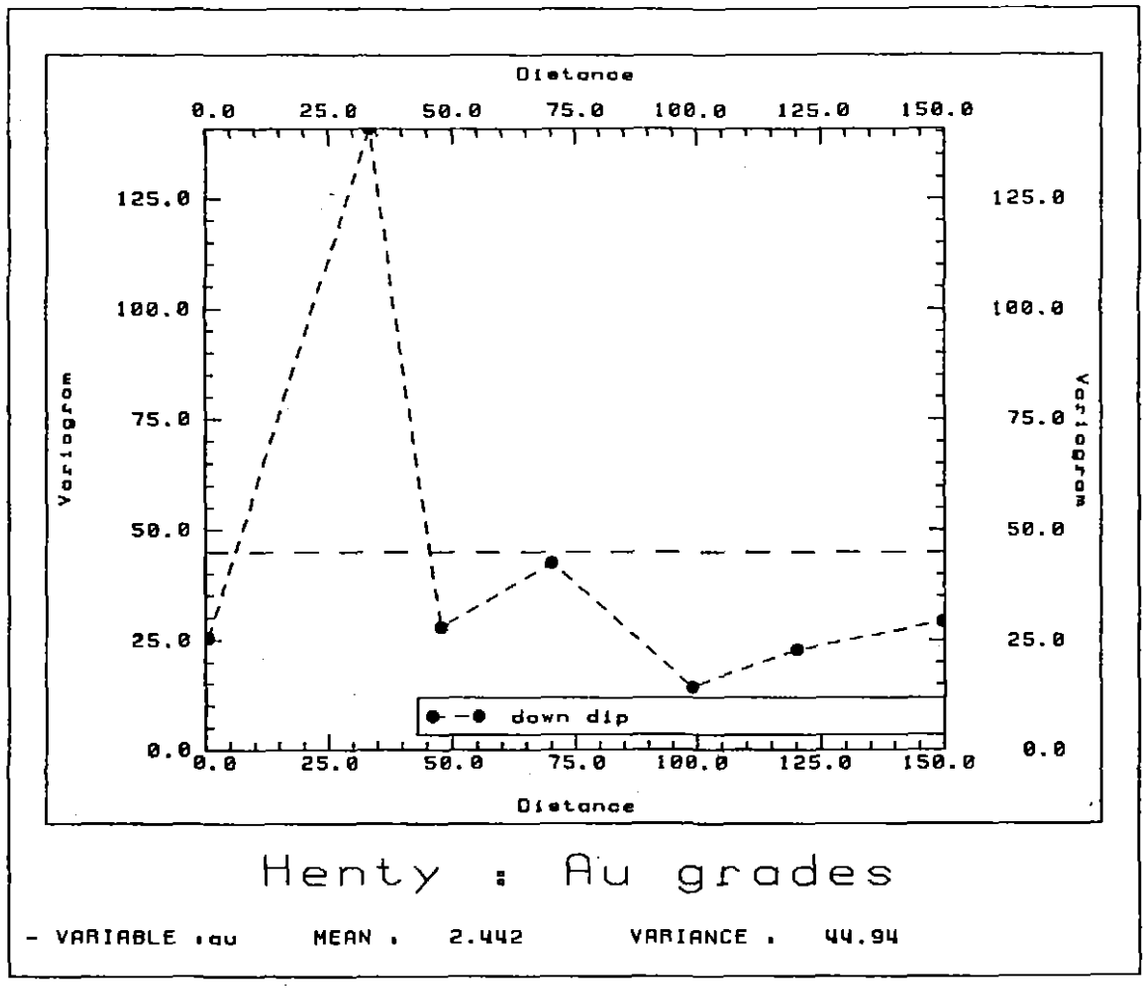
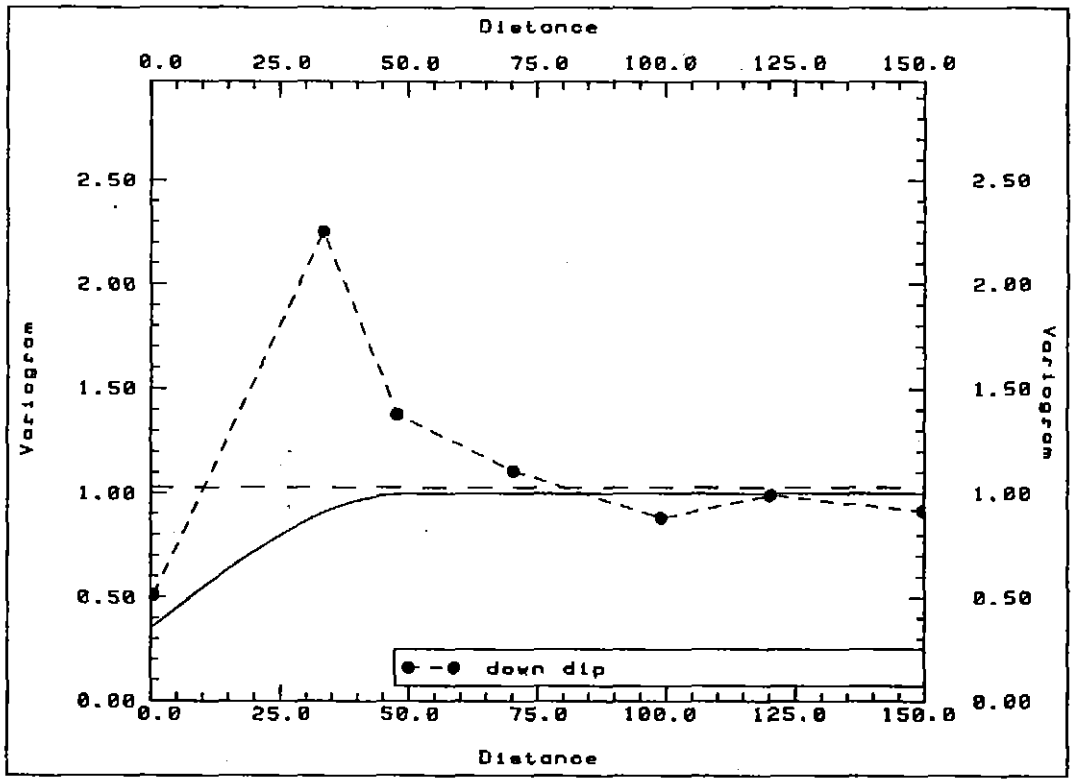


Figure 10



Henty : gaussian values

- VARIABLE : v3 MEAN : -0.8981e-01 VARIANCE : 1.030

NUGGET:	0.35	NB. STRUCTURE(S) : 1		ANISOTROPY		
STRUCTURE	SILL	RANGE	LAMBDA	X	Y	Z
spheric.	0.6500	220.0		1.000	4.400	44.000

Figure 11

5. 3-D Global Recoverable Reserves

The 3-D variogram of the transformed data appears good enough to allow for a preliminary estimation of the global recoverable reserves. The method used is simply a correction of the histogram of the 1m samples, taking into account a mining selectivity unit V of 20m (along strike) x 10m (down dip) x 2m (across the vein). The steps of the calculation are as follows:

- Fitting a model to the variogram of the transformed (gaussian) data: a simplified model has been taken.
- Back tansforming this model to a model adapted to the raw data.
- Calculating, with the model, the variance of grades defined on V ($\sigma(V) = 12.2$)
- Calculating the coefficient r of change of support (from 1m samples to blocks V): $r = 0.7$.

From this, the corrected histogram can be calculated and the results are given in the following table :

Cut-off grade	Tonnage Recovered (%)		mean grade (g/t)	
	1m samples	V	1m samples	V
0	100.0%	100.0%	2.5	2.5
0.5	47.5%	76.3%	5.0	3.2
1.0	32.6%	56.6%	6.9	4.0
1.5	26.0%	44.2%	8.4	4.8
2.0	22.0%	35.7%	9.6	5.5
2.5	19.1%	29.4%	10.7	6.2
3.0	17.0%	24.6%	11.7	6.9
3.5	15.4%	20.9%	12.6	7.6
4.0	14.0%	17.9%	13.5	8.2
4.5	12.8%	15.4%	14.3	8.8
5.0	11.9%	13.4%	15.1	9.5
5.5	11.0%	11.7%	15.9	10.0
6.0	10.3%	10.3%	16.6	10.7

These values must be considered as orders of magnitude only, due to the uncertainty surrounding the calculation of the variogram. Nevertheless, the importance of the mining support is clearly indicated, both in tonnage and in grade. An economical analysis should now be carried out using these figures to allow for a decision concerning the future of the prospect.

In any case, from the structural study and the longitudinal projection, a reasonable case can be made for the existence of higher grades and thickness in depth. Unfortunately, this is based in very few intersections. This trend needs to be confirmed by a few holes in the large gap existing in depth, in the southern part of the prospect. This point is important for any more detailed estimation, because isolated high values have a big weight in the estimation.

517250

A NEW PRELIMINARY GEOSTATISTICAL EVALUATION

OF THE HENTY GOLD PROSPECT

July, 1989.

Project No: SM/N88/REN/21

A NEW PRELIMINARY GEOSTATISTICAL EVALUATION OF THE HENTY GOLD PROSPECT

Client: RGC Exploration Pty Ltd
Consultant: Daniel Guibal
Date: July, 1989

517252

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A NEW PRELIMINARY GEOSTATISTICAL EVALUATION OF THE HENTY GOLD PROSPECT

by Daniel Guibal, SIROMINES

1. INTRODUCTION - CONCLUSION

The object of the study is a new preliminary appraisal of the Henty Gold Prospect, following a better geological definition of the gold vein .

44 intersections from 34 holes , including 561 1m composites have been used.

As in the previous study, two different approaches have been taken for evaluating these data:

- A 2D study, in the plane of the vein, (striking 17° north and dipping 80° west), concentrates in the variables true thickness and accumulation. The true thickness shows a good continuity, consistent with the geology. Its variogram is broadly linear. The corresponding accumulation is totally erratic, without correlation at the 50m current drilling scale.

  As a consequence , it is impossible to perform any type of local estimation. Globally , the tonnage (within fixed limits) can be estimated with reasonable accuracy (7-8%), but the mean grade is very poorly known (relative error higher than 20 %), and depends highly on the hole 42.

- A 3D study, in the same plane, is dedicated to a variography of the gold grades of the 1m composites. Although the variability is high,

by working on gaussian transformed data, it is possible to notice some clear features: low nugget effect and short range (5m) down the hole (i.e. more or less across the vein) , no structure along strike or down dip, which confirms the 2d study.

No intent has been made to perform a 3d study, because of the lack of correlation along the vein. It is clear that no local estimation is currently feasible.As far as recoverable reserves are concerned, the problem is even worse.

It is my opinion that no further geostatistical analysis should be carried out before completion of the current in-fill drilling program. Obviously, we need to have a better idea of the short scale structure , in order to appreciate the variability of the gold grade : this is the vital parameter in determining the economy of the prospect.

In this respect, the question arises whether it is , at this stage , interesting to go on drilling exploration holes in depth. There is a case for concentrating the drilling in the upper northern part of the deposit, with a view to delineate a resource big enough for justifying a mine.

2. THE DATA

In this new study, the initial data consisted in 44 intersections from 34 drillholes and 561 1m composites. These intersections and composites have been calculated by the Henty geologists and they correspond to the gold mineralization. Of course, as it should be, no low value within the geographical zone of interest has been removed : this ensures that the picture we get of the mineralization is unbiased.

A complete list of the original intersections is given in appendix 1.

It must be emphasized that there are significant differences between these new data and the ones used in the previous study. In addition to a few important corrections of errors, the new set is based on a clearer geological interpretation, which makes it much more representative.

As in the previous study, 2 different approaches have been followed:

0 at 2D: study of the variables thickness and accumulation corresponding to the intersection

0 at 3D: study of the 1m regularized samples (Au grades).

We firstly recalculated the main geometrical characteristics of the vein (strike and dip), by looking for the best plane (in the lest square sense) going through the middles of all the intersections.

The regression equation of the plane is:

$$\text{Easting} = 60139 + 0.305 * \text{Northing} + 0.188 * \text{Elevation}$$

Remarkably (although the usual statistical hypothesis of the regression are not totally satisfied), this equation explains 98% of the variability of Easting! This clearly confirms the high geometric continuity of the vein.

From this equation, it is easy to calculate the following parameters:

azimuth (strike direction) = 17°

dip = 80° (towards the west)

Simple rotations of the initial co-ordinates, using these angles will allow us to work within a new system of co-ordinates related to the "vein plane".

3. 2-D ANALYSIS

For each intersection, we define the following variables:

- thickness (along the hole)
- true thickness (taking into account the orientation of the vein)
- true accumulation of gold (product of gold grade by true thickness)
- gold grade

We chose to work with the true thicknesses and accumulations, because the calculations of volumes and tonnages is made easier. In any case, there is little difference with horizontal intersections, because the vein is close to vertical.

In addition, all the intersections corresponding to one single hole have been lumped together into one global intersection. While this is not appropriate for a local estimation, at a global level it is simpler to handle and accurate enough. As a result of this operation 34 global intersections are defined.

The global statistics (undeclusterized) for all the initial intersections are:

Variable	nb of data	mean	median	variance	σ/m	minimum	maximum
thickness	44	12.8m	12.1m	47.6	0.5	3.0m	28.8m
true thickness	44	9.6m	8.7m	29.3	0.6	1.9m	21.6m
accu	44	33.3	10.1	5602.3	2.3	1.2	483.1

Obviously the true accumulation is more variable (and more skewed) than the thickness and true thickness. If we eliminate the 2 highest values, the mean drops to 19.6 , and σ/m = 1.2 .

The average true Au grade is 33.3/9.6 = 3.5 g/t

The same statistics for the global intersections are :

Variable	nb of data	mean	median	variance	σ/m	minimum	maximum
true thickness	34	12.4m	11.1m	50.8	0.6	4.2m	32.5m
true Accu	34	43.0	12.6	8515.5	2.1	1.4	537.0

Complete histograms can be found on Fig 1 and 2

From here on , we will only consider the global intersections.

3.1 The Variograms

In order to evaluate the spatial behaviour of the variables, we calculated the variogram in two main directions : along strike ("horizontally" in the vein plane) and down dip ("vertically" in the vein plane).

In addition, because of the sensitivity of the statistics to the high values, we did 4 different calculations :

- 0 using all the 34 intersections
- 0 using 33 intersections (by removing the HP42 intersection)
- 0 using 31 intersections (by also removing the HP12 and HP12A intersections)
- 0 using 29 intersections (by removing , in addition , the HP47 and HP47A intersections)

This allows us to study the behaviour of the grades on a shrinking domain. (See Fig 3) , which is interesting from a mine planning view point, as the eliminated intersections correspond to the southern, deep end of the current prospect. In addition, of course, these intersections are generally of high or very high grade.

3.1.1 True Thickness Variograms (Fig 4 to 7)

Along strike, a clear linear trend is apparent, whereas down dip a good structure exists.(range ≈ 100. m).

Whether these differences correspond to a true anisotropy is difficult to

tell, because of the low number of pairs in the calculation of the variograms. The nugget effect is moderately high (1/3 to 1/2 of the overall variance).

The four calculated variograms (corresponding to the 4 sets of data) give a similar type of result.

In order to test the homogeneity of the 4 fields, we performed an automatic search for trends : the result is consistently negative ; with the current data, it is not possible to find a real systematic trend (on a local basis). Simple linear models with nugget effects have been fitted to the average 4 variograms.

In conclusion, the thickness shows a good continuity consistent with the geology. This confirms that the tonnage of the envelope of the mineralization can be estimated with a good level of precision.

3.1.2 True Accumulation Variograms (Fig 8 to 15)

The results are much more erratic. Whatever the scale, no structure was found. Even transforming the data into gaussian values does not improve the variograms .

In conclusion, the 50m spacing is too large for detecting any correlation. It is necessary to get more information at a smaller scale. (The fact that , at very short distances, corresponding to very few pairs of points, we get a lower value of the variogram is encouraging : it is extremely likely that correlations at distances smaller than 50m exist).

In the mean time, the lack of structure means that no local estimation is

feasible and that , at a global level , the best estimate of the mean accumulation is the straight arithmetic average of the data.

3.2 Global Estimation at 2-D

After the study of the variograms , a global estimation of the 4 domains shown on the Fig 3 , (corresponding to the 4 sets of data previously defined) has been undertaken. Thickness (and Tonnages) have been estimated by global kriging. The average gold grade is equal to the estimated accumulation divided by the estimated thickness , where the accumulation has been estimated by a straight average.

The results are given in the following table :

GLOBAL ESTIMATION OF THE HENTY PROSPECT				
	Domain 1 All holes	Domain 2 All holes less 42	Domain 3 All holes less 42 12,12A	Domain 4 All holes less 42 12,12A,47,47A
Nb of 50X50m blocks	47	45	41	38
Average Thickness (m)	12.8	11.8	11.4	10.7
σ/Thickness (%)	7.	8.	8.	9.
Total Tonnage (millions tons)	4.1	3.7	3.2	2.8
Average Grade (g/t)	3.4	2.4	2.2	2.3
σ/Grade (%)	35.	19.	21.	23.

From this table , it is quite clear that the average grade is not well known and that the effect of one unique hole (42) is enormous.

In addition, there is of course an uncertainty related to the limits of the domains, which will have some influence in the overall precision. Because our limits are fairly conservative, it may be argued that there is significant scope for an increase in tonnage. Nevertheless, the main problem is the grade : it is imperative to get more information for achieving a better knowledge of its behaviour ; the economy of the whole project depends on this.

4. 3-D Variography

As for the 2-D study, we worked within a system of co-ordinates related to the vein system. The global (not declusterized) statistics are as follows:

Variable	Nb of data	mean	median	variance	σ/m	minimum	maximum
Au	561	3.5	0.33	275.3	4.8	0.0	229.1

The variability is high, as expected - the global (not declusterized) histogram is fairly skewed, of a lognormal type (Fig 16).

3 variograms have been calculated: along the drill holes, along strike (horizontally) and down dip, for the variable Au and its gaussian transformed value (in order to smooth the impact of the higher values).

4.1 Variogram of the raw grades (Fig 17)

The variogram down the holes is very well structured, with a relatively low nugget effect, and a range of the order of 5m; a small hole effect is apparent, which might be related to the existence of various intersections on a same hole.For large distances (higher than 10m), a possible trend appears . (See below).

Along strike and down dip, no structure is apparent, confirming the 2-d study.

4.2 Variogram of the transformed grades (Fig 18)

The variogram of the gaussian transformed values down the holes is extremely regular, similar to the raw data at short distances (nugget effect , range, hole effect) , but without any trend at all at large distances . Perhaps what appears as a trend on the raw data is merely a statistical effect due to a few high values ?

Along strike and down dip, there is no structure larger than 50m. Because of the presence of low values for very short distances, it can be reasonably inferred that smaller scale structures exist , but there is a need for additionnal data.

Due to the lack of structures along strike and down dip, a local 3d estimation is not possible; neither is it possible to evaluate recoverable reserves, even at a global level. This should be left for after the current in-fill drilling campaign, if the results of the latter are positive.

FIGURES

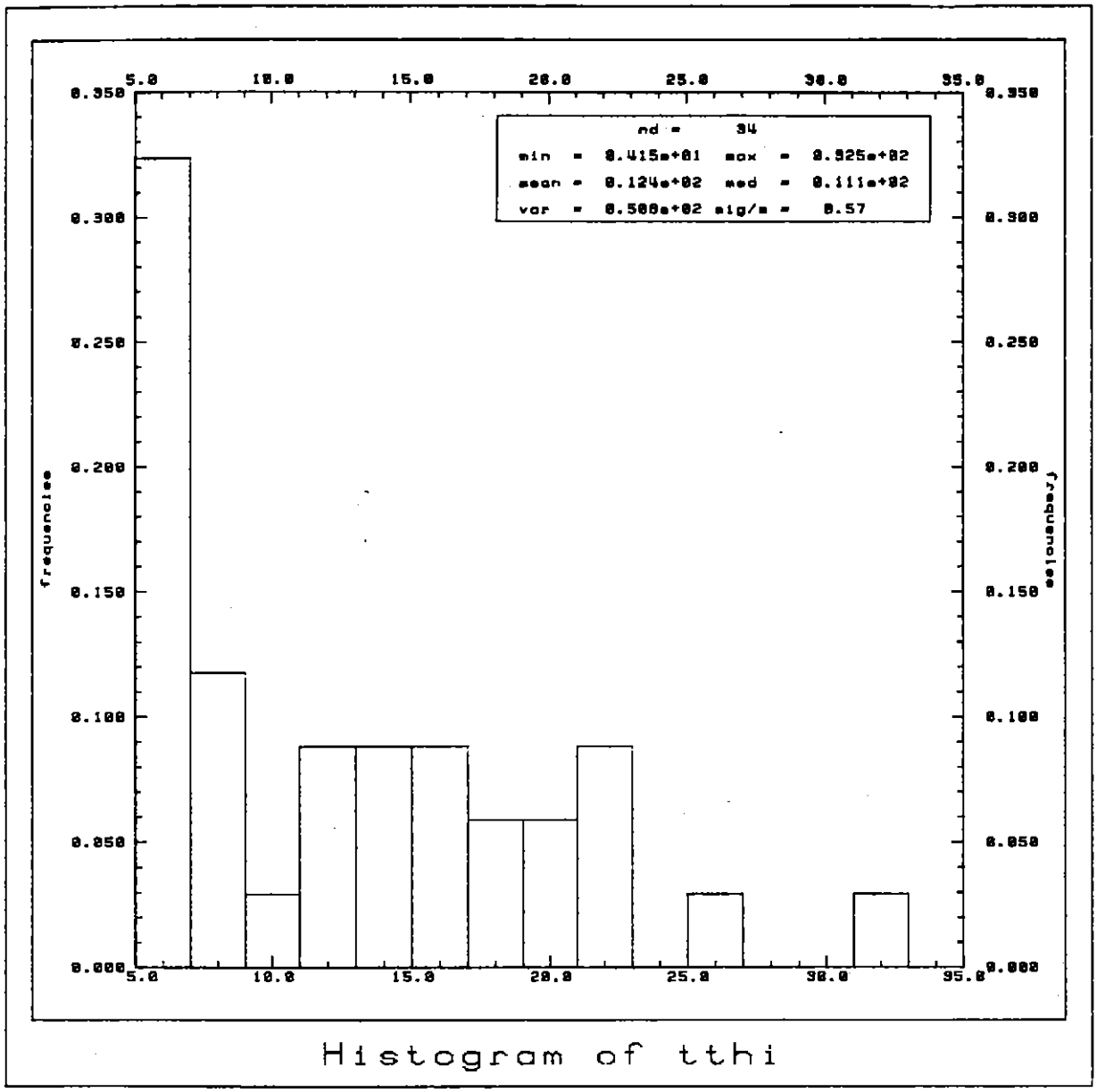


Figure 1

Histogram of True Thickness

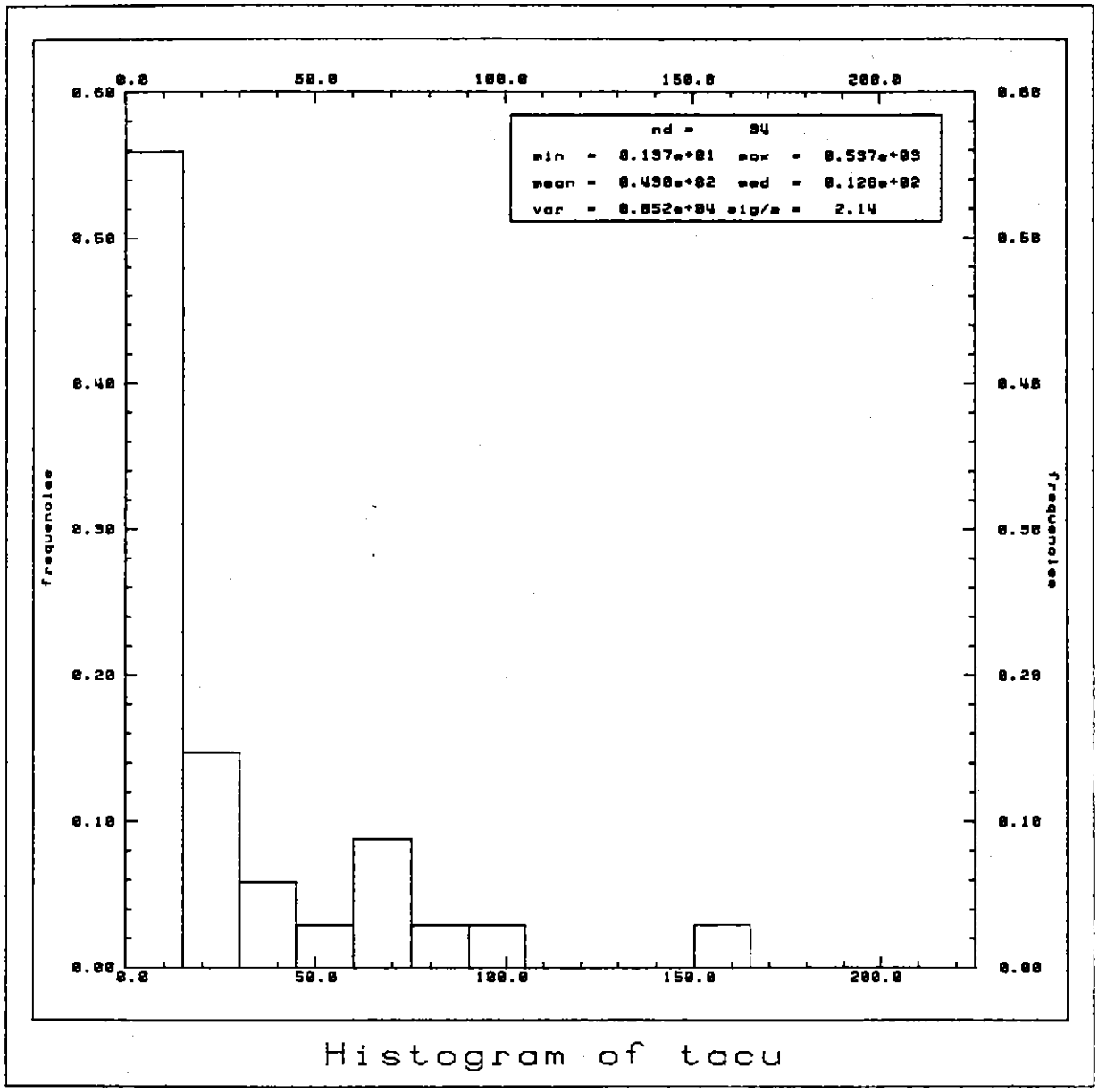


Figure 2

Histogram of True accumulation

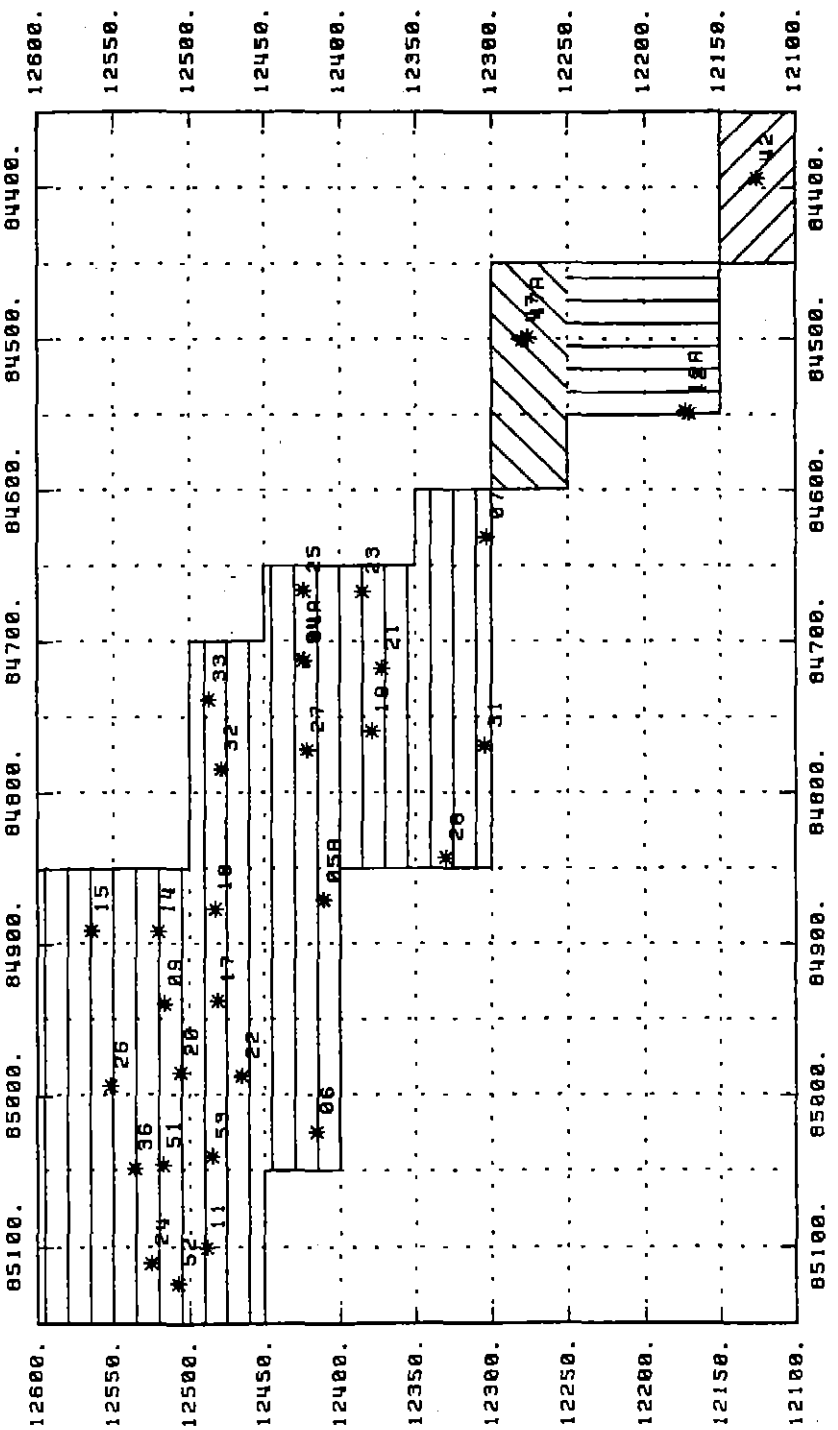


Figure 3

Longitudinal Plan of the Global Intersections and Estimated Domains

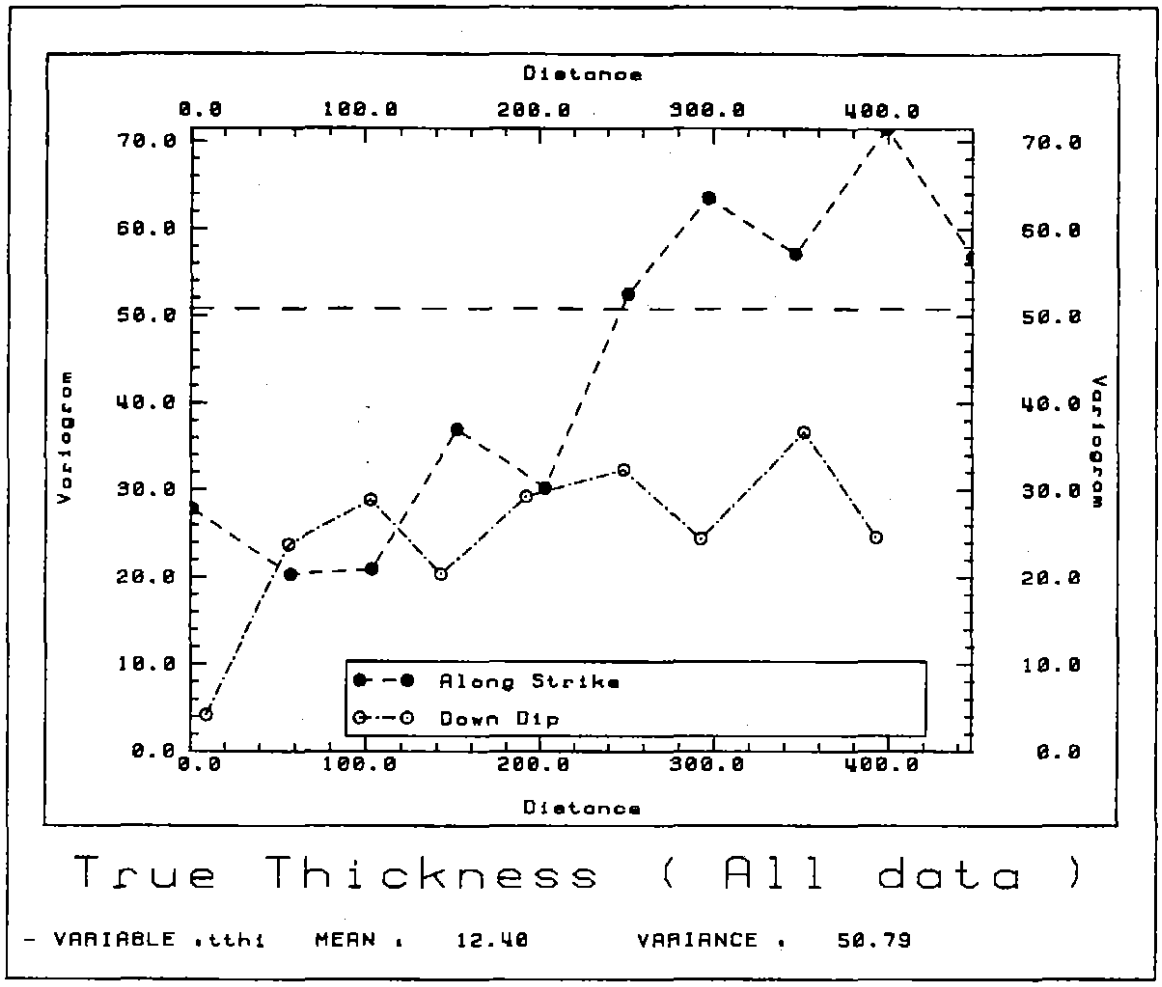


Figure 4

Variogram of True Thickness (all data)

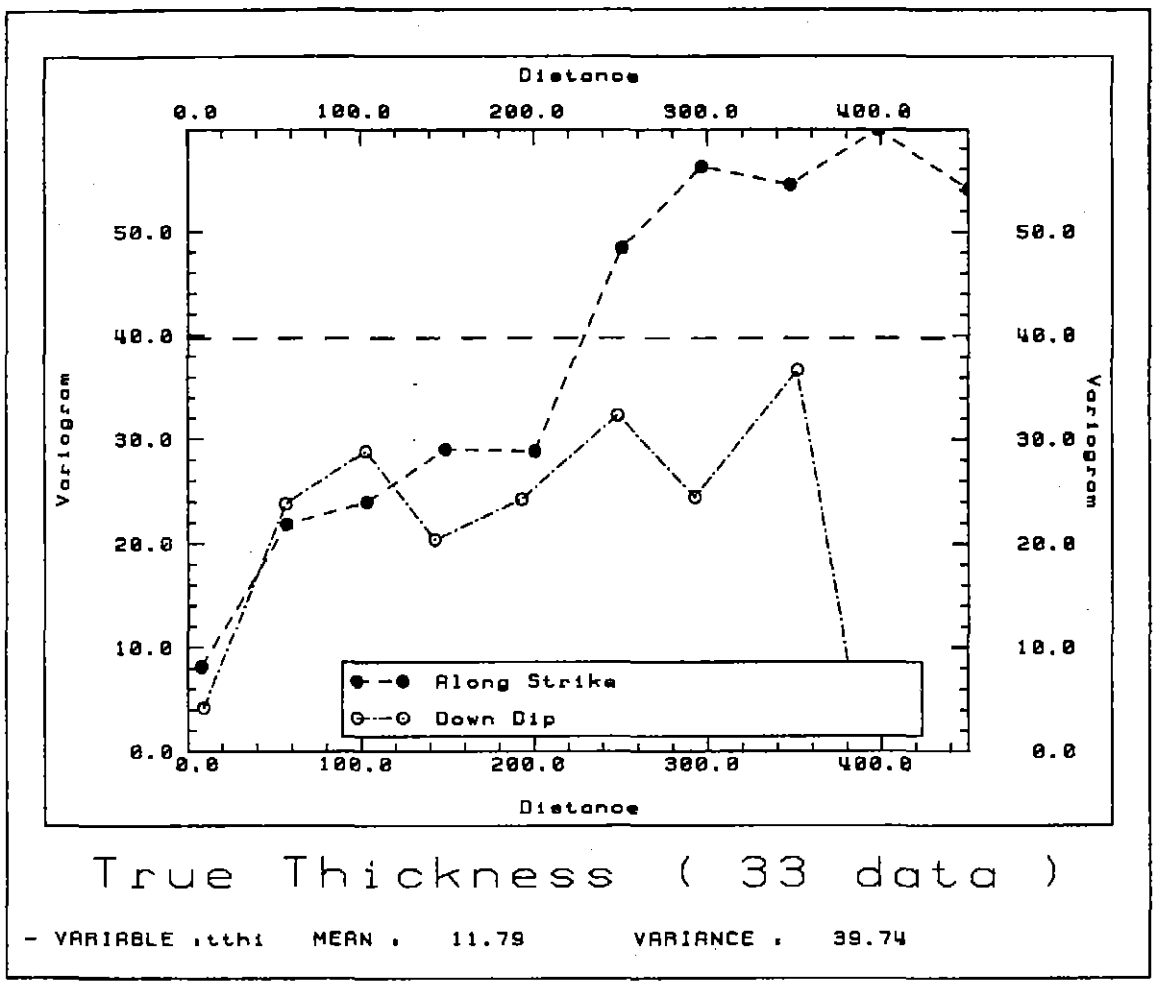


Figure 5

Variogram of True Thickness (domain 2)

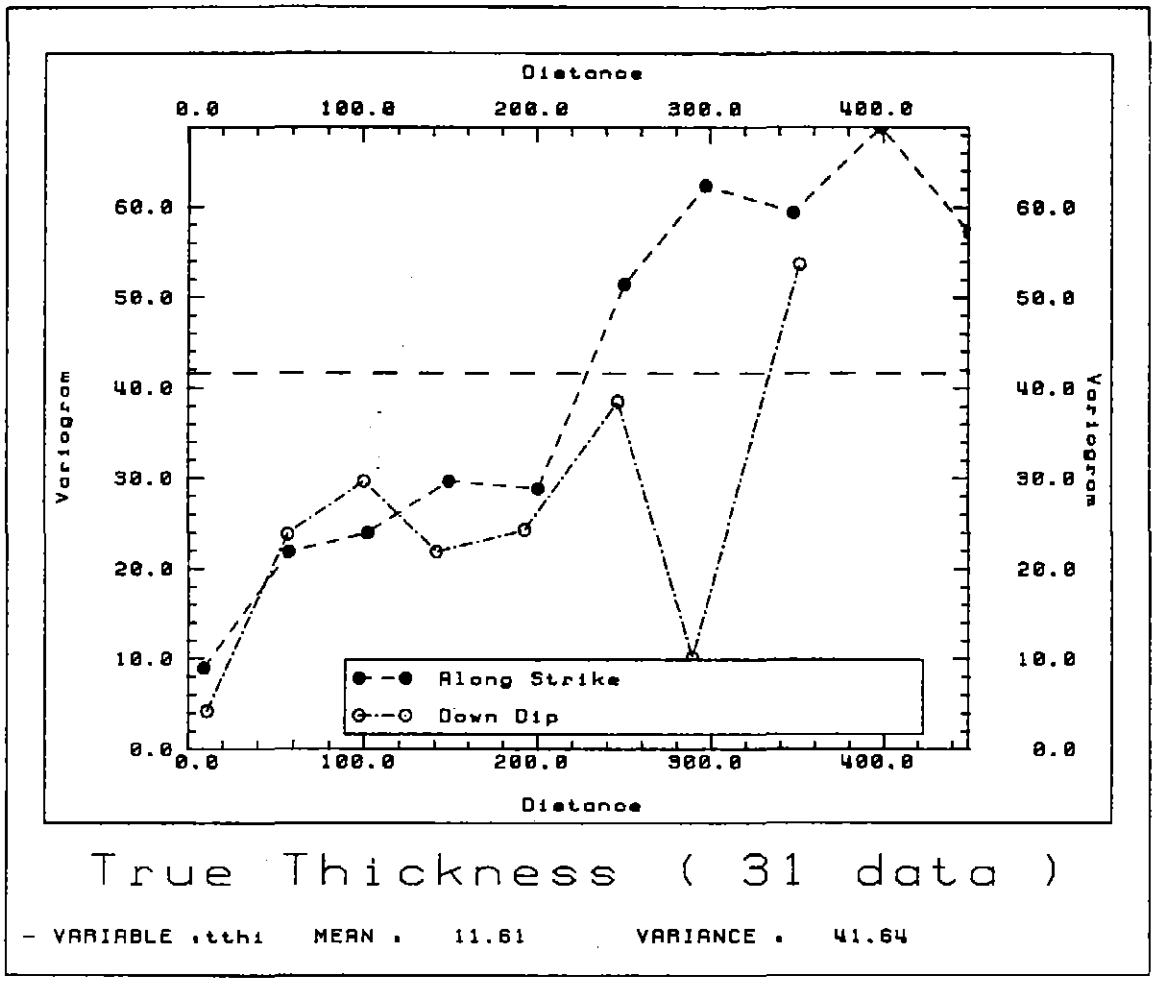


Figure 6

Variogram of True Thickness (domain 3)

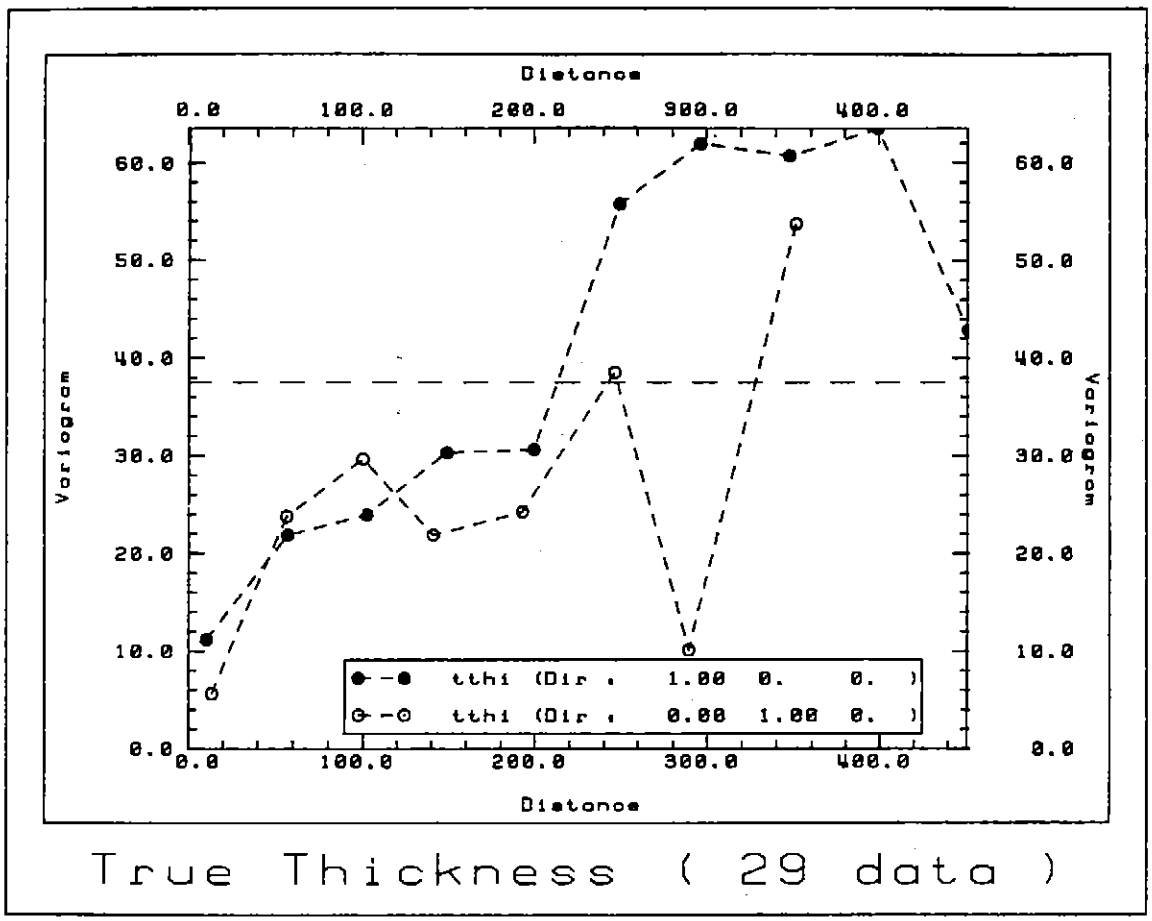


Figure 7

Variogram of True Thickness (domain 4)

272

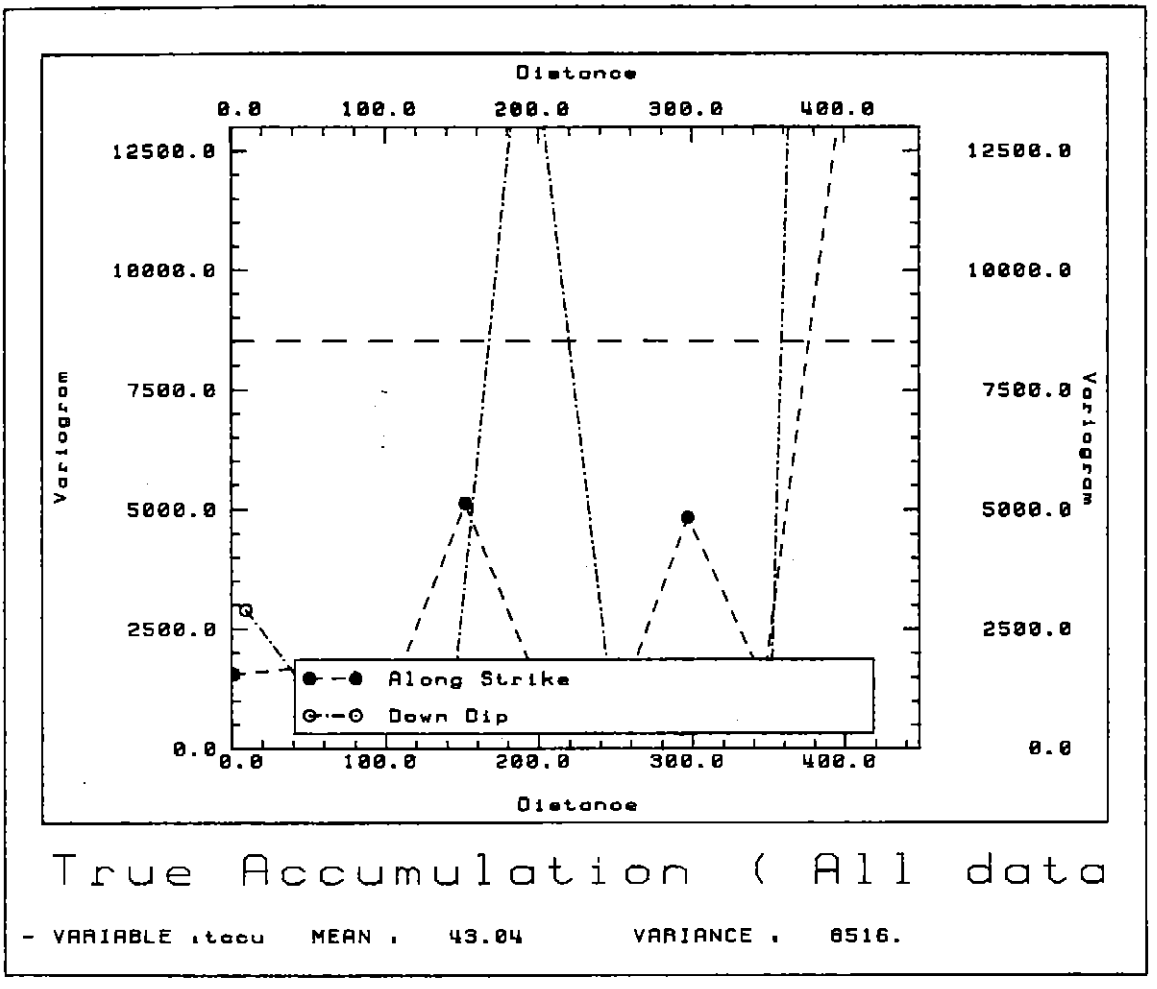


Figure 8

Variogram of True Accumulation (all data)

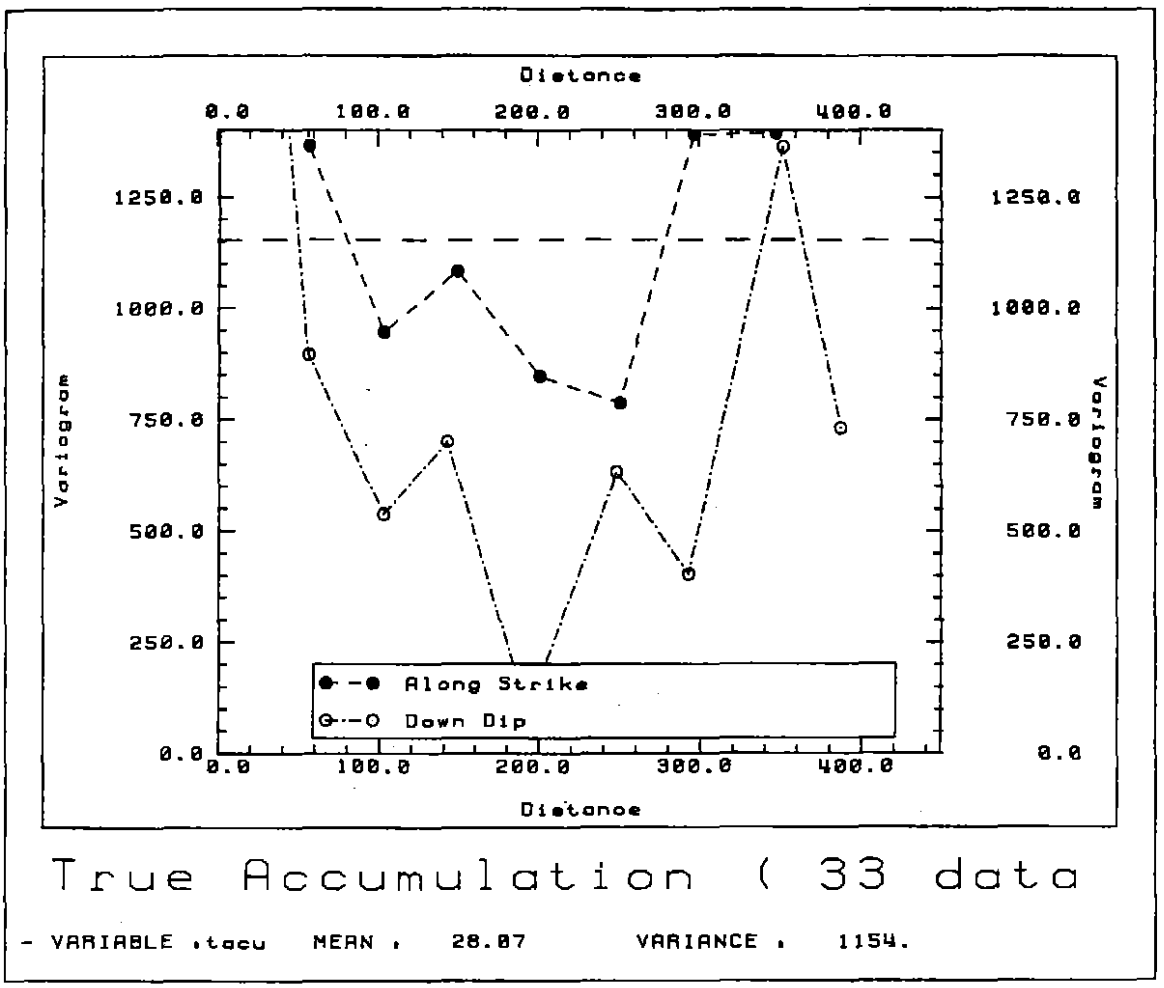


Figure 9

Variogram of True Accumulation (domain 2)

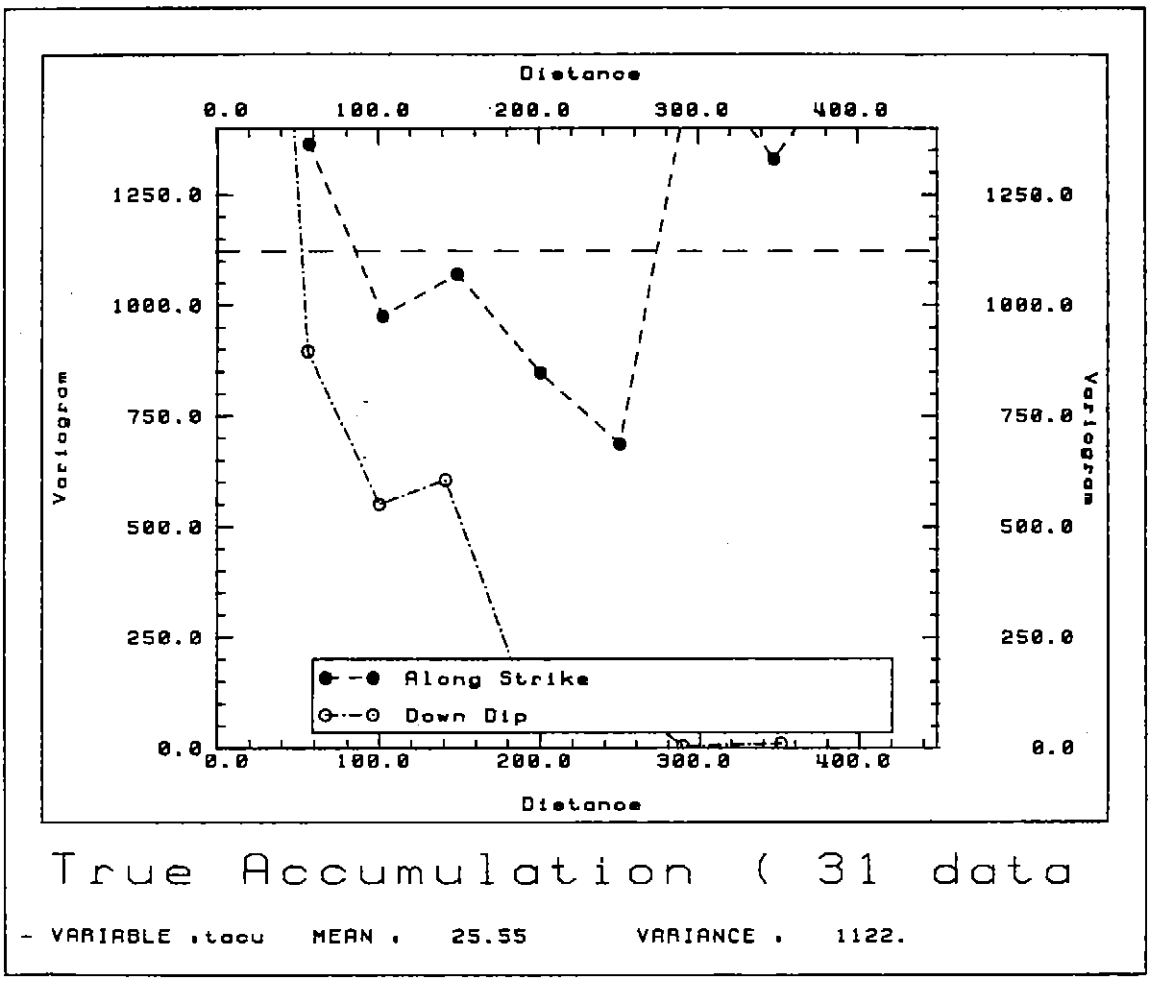


Figure 10

Variogram of True Accumulation (domain 3)

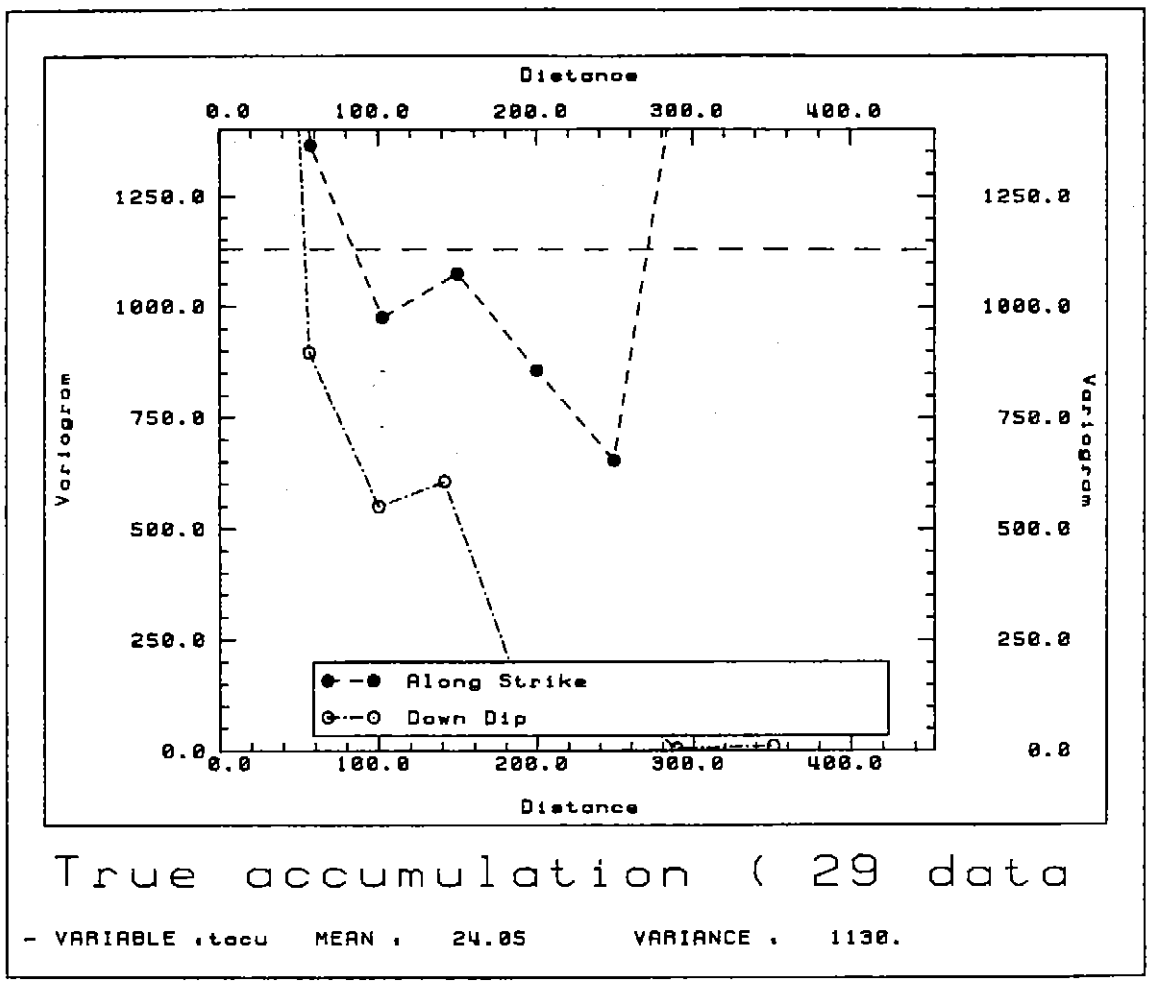


Figure 11

Variogram of True Accumulation (domain 4)

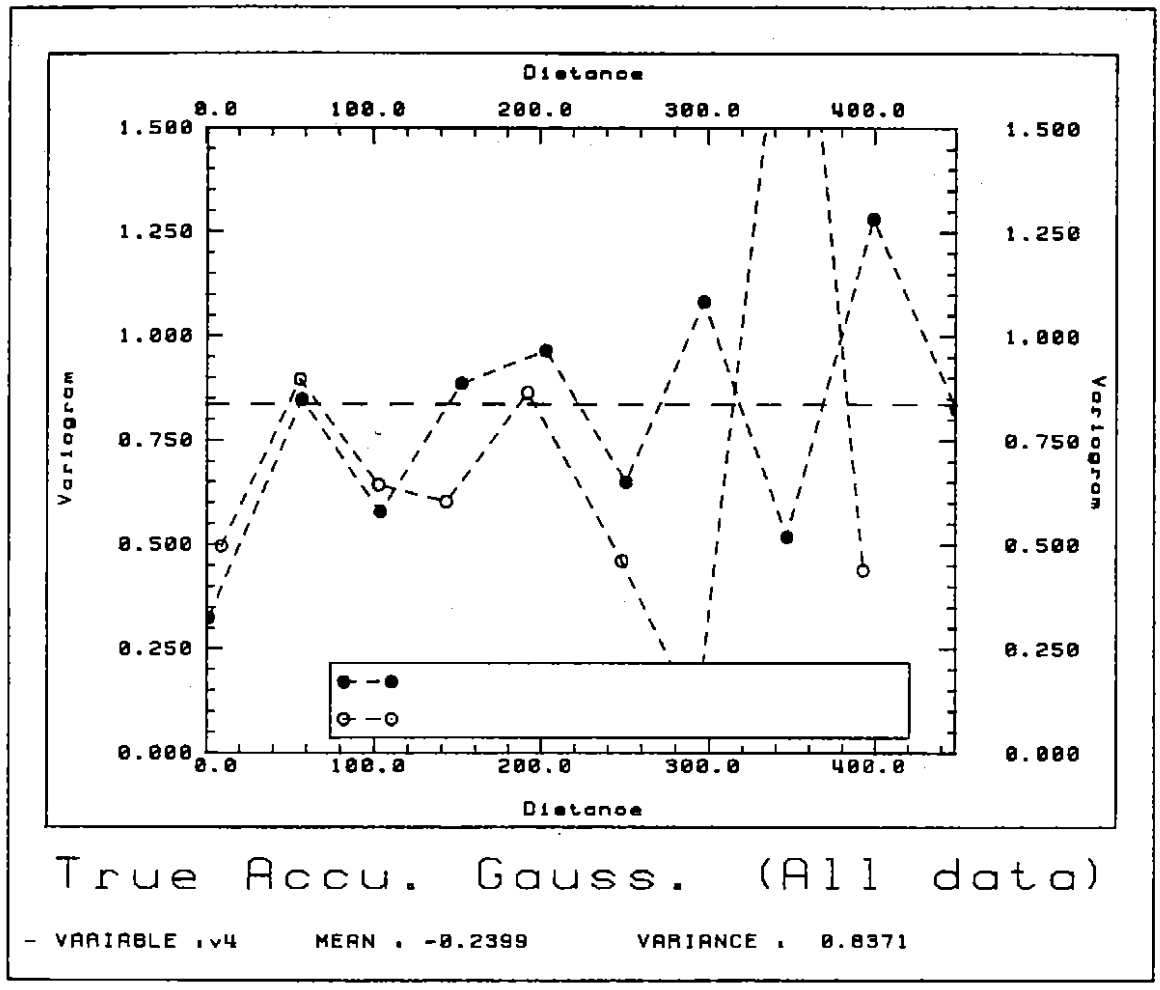


Figure 12

Variogram of True Accumulation (Gaussian transformed all data)

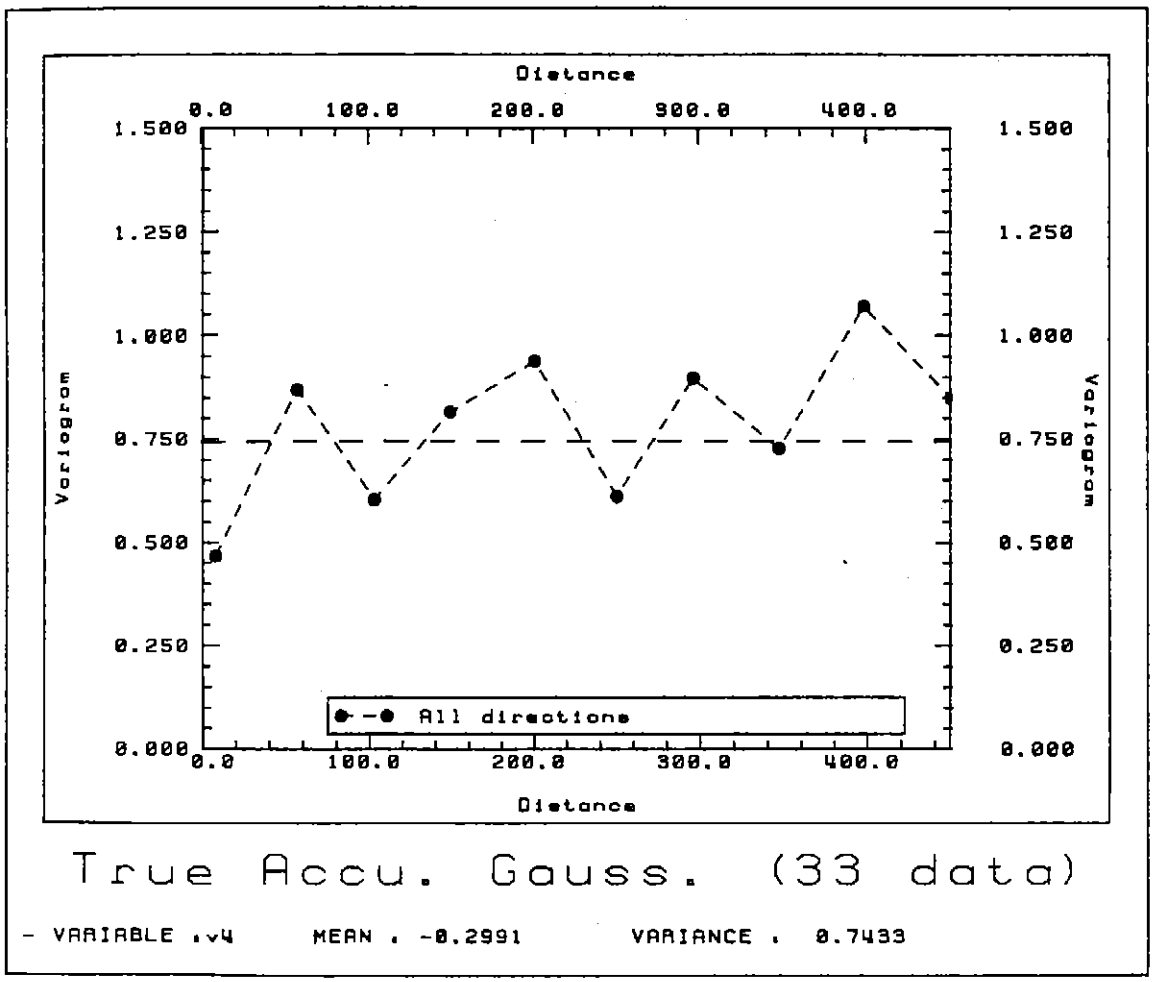


Figure 13

Variogram of True Accumulation (Gaussian transformed domain 2)

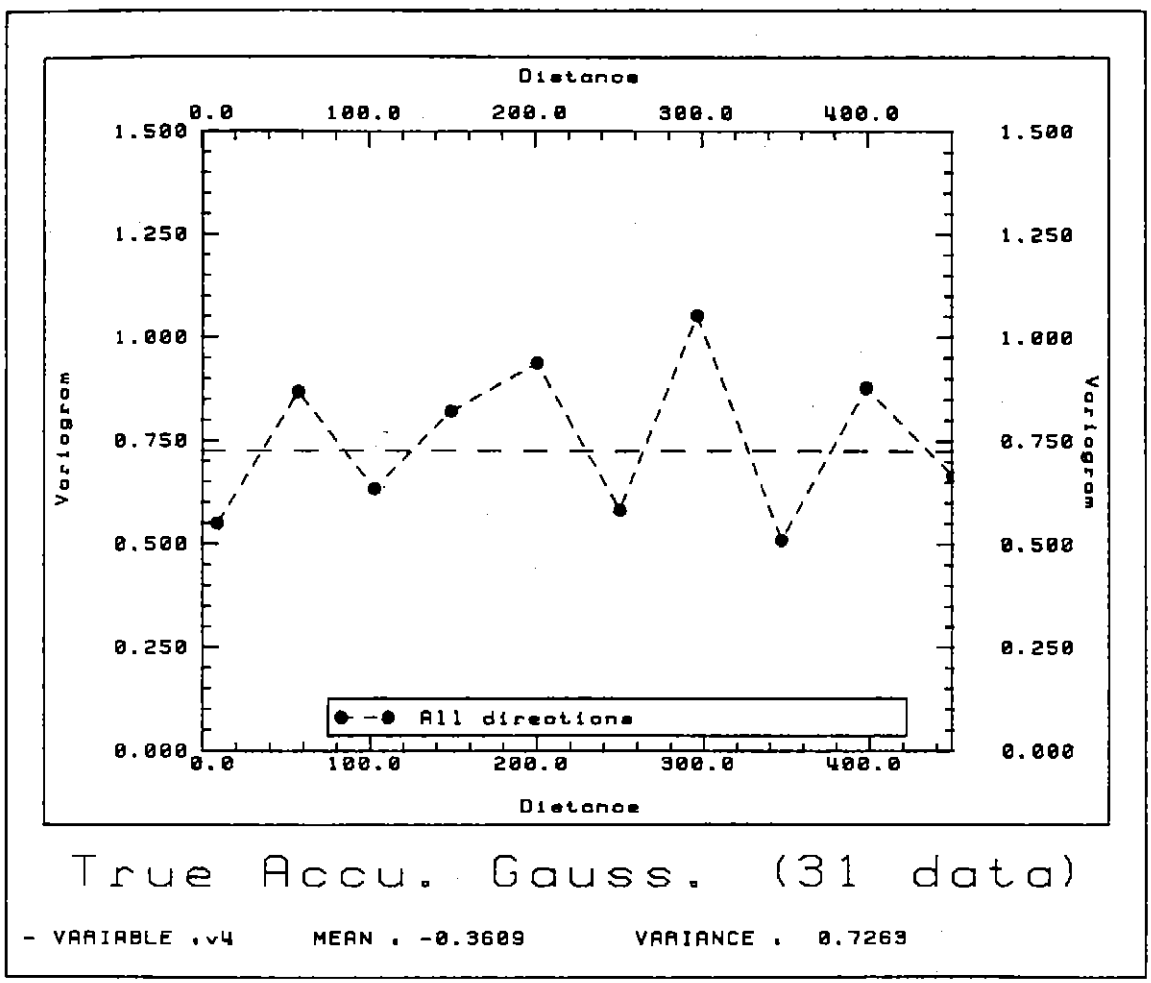


Figure 14

Variogram of True Accumulation (Gaussian transformed domain 3)

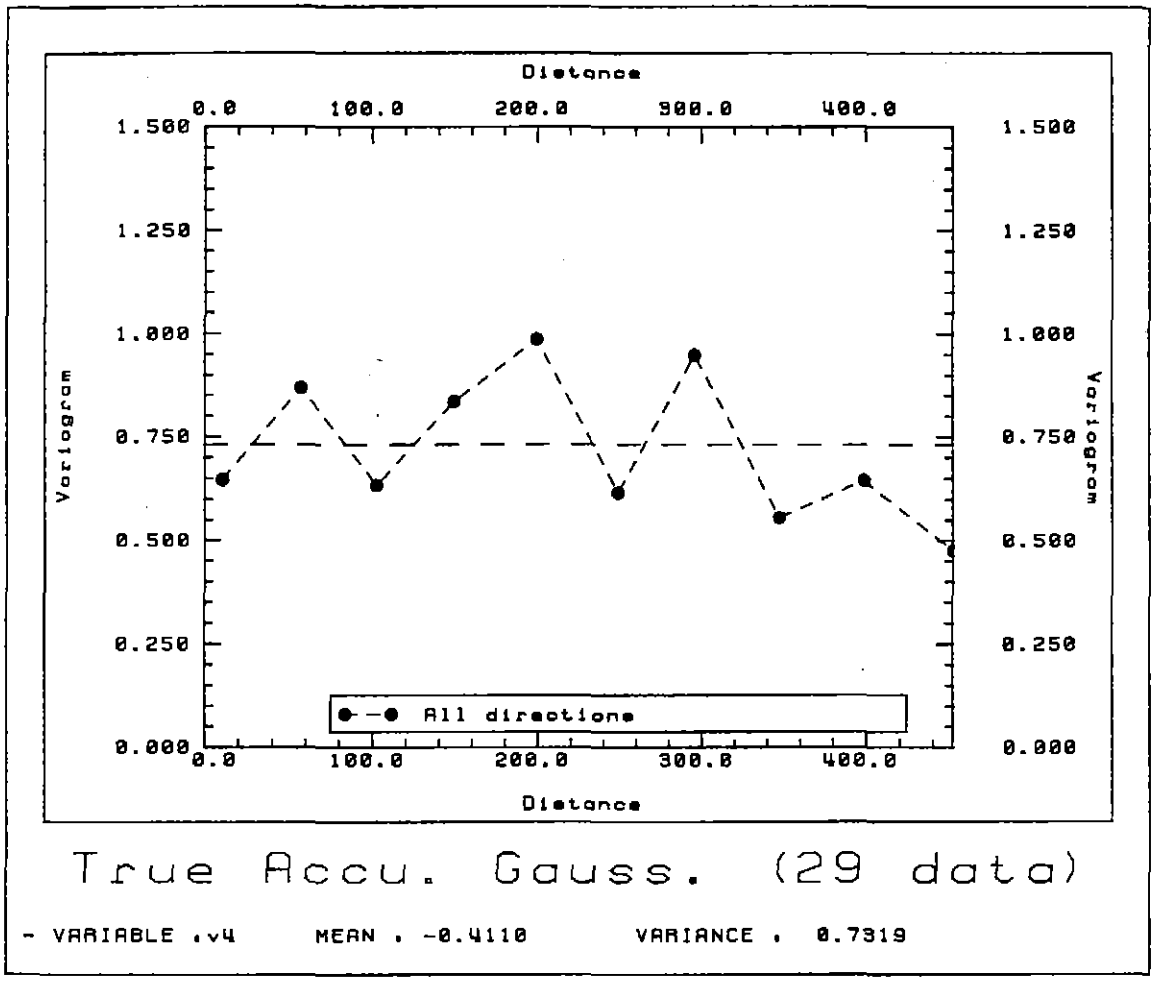


Figure 15

Variogram of True Accumulation (Gaussian transformed domain 4)

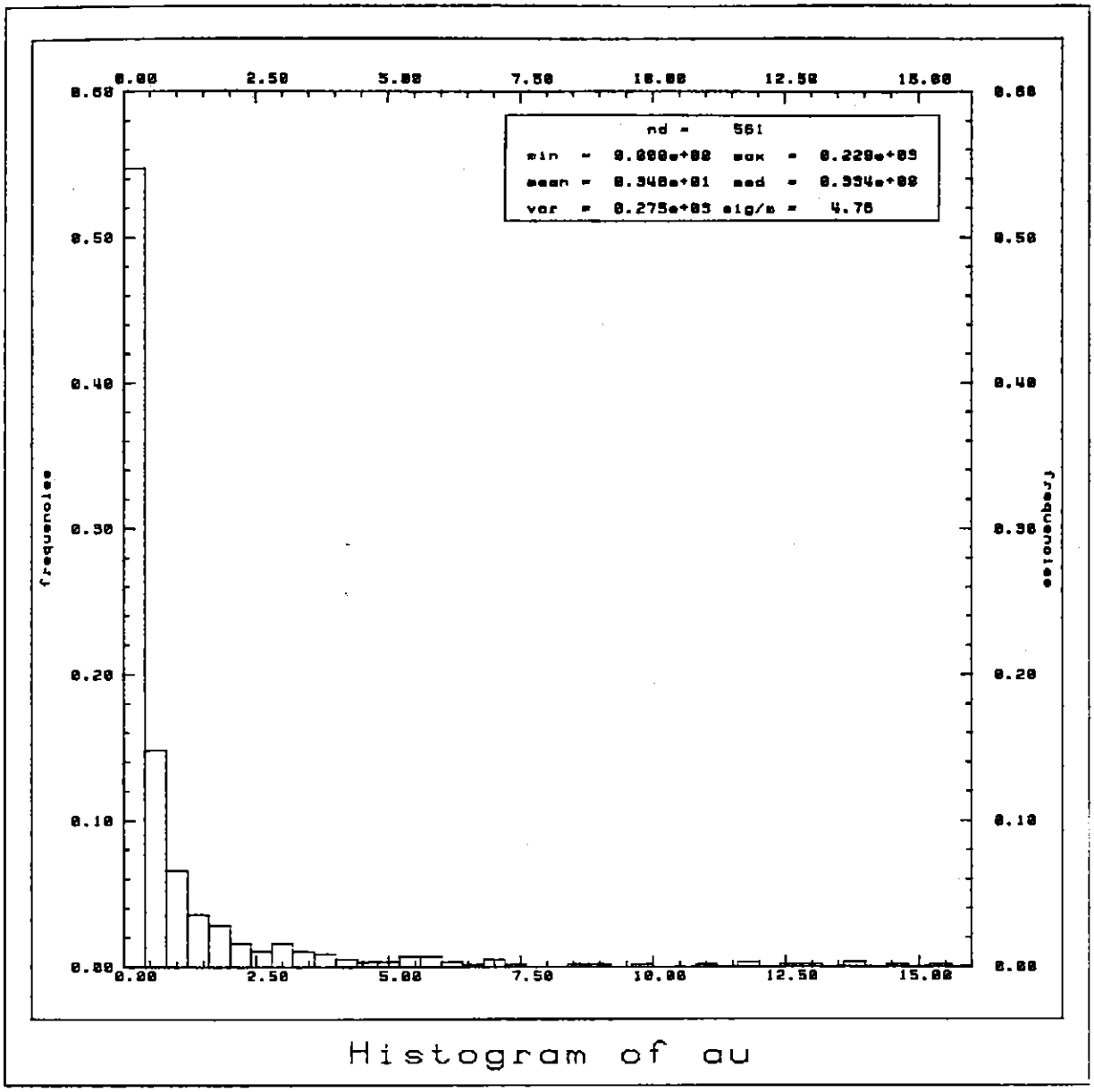


Figure 16

Histogram of 1m Au Composites

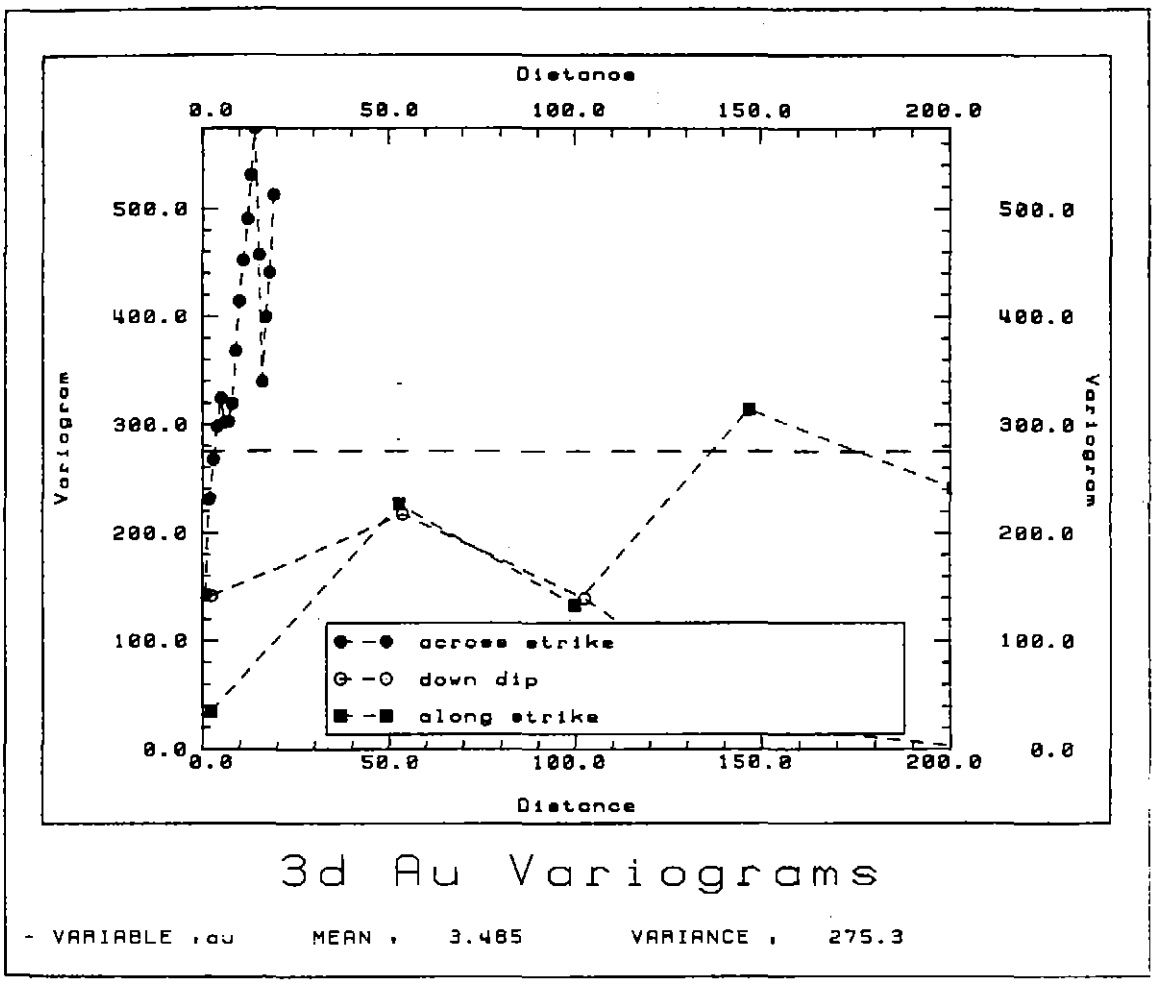


Figure 17

3-d Variograms of Au grades

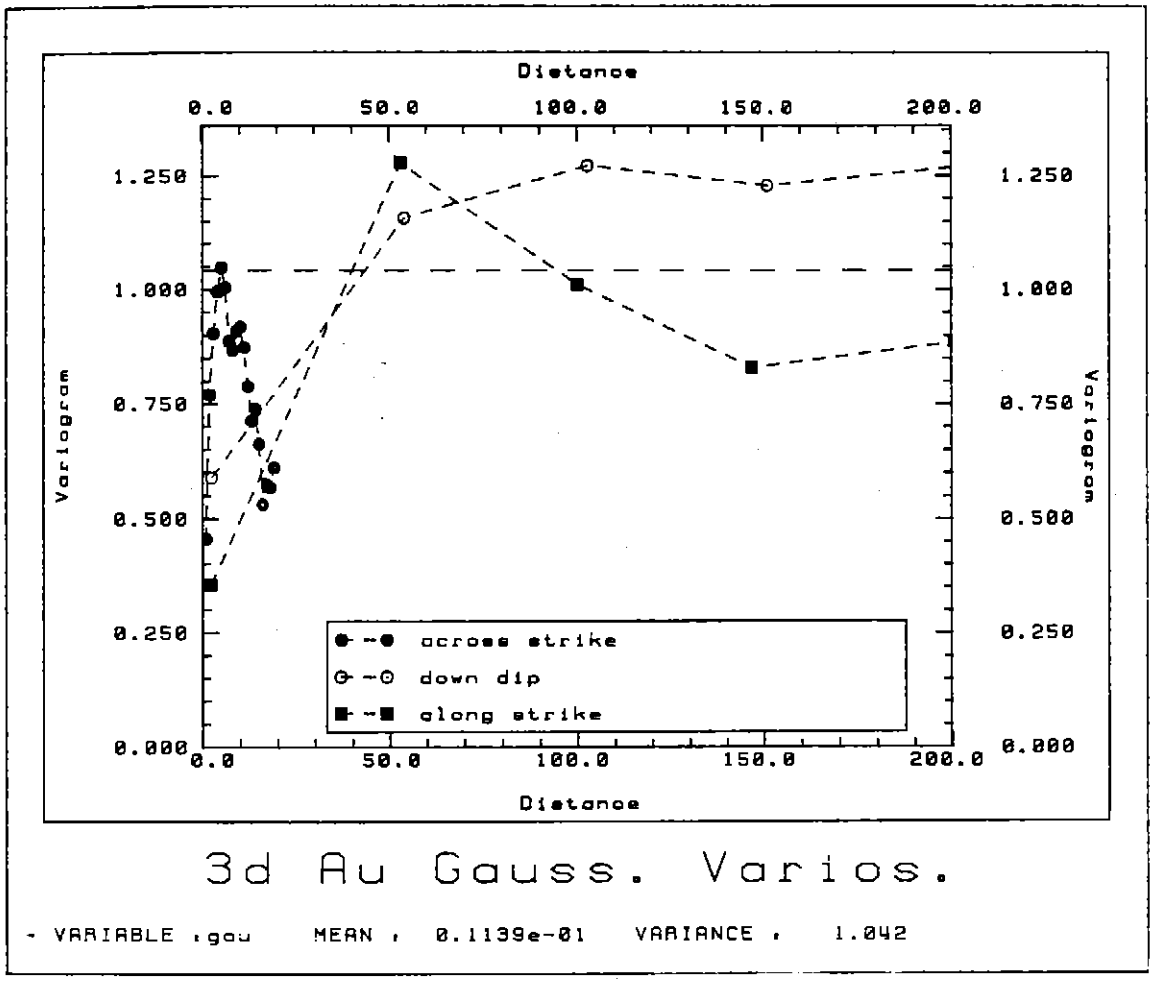


Figure 18

3-d Variograms of Gaussian transformed Au grades

APPENDIX

List of the intersections of the Henty Gold Prospect

Hole	From	To	Length	Au (g/t)
HP004	226.20	239.00	12.80	4.428
HP004	245.00	263.00	18.00	2.934
HP004A	232.00	237.00	5.00	4.230
HP004A	245.00	262.00	17.00	1.251
HP005	246.10	255.10	9.00	0.212
HP005A	246.40	255.40	9.00	0.231
HP006	272.80	285.80	13.00	1.107
HP007	363.00	382.00	19.00	0.695
HP007	404.00	410.50	6.50	0.363
HP009	127.00	135.50	8.50	6.419
HP011	154.90	175.30	20.40	0.247
HP012	549.40	565.50	16.10	5.481
HP012A	544.00	563.30	19.30	3.904
HP014	117.60	130.20	12.60	0.745
HP015	85.30	91.00	5.70	1.326
HP017	153.70	159.40	5.70	4.366
HP018	142.60	152.80	10.20	0.461
HP019	264.60	290.00	25.40	2.082
HP020	140.00	147.00	7.00	1.026
HP021	244.30	261.50	17.20	0.377
HP021	275.60	284.00	8.40	0.206
HP021	302.00	307.00	5.00	0.400
HP022	181.20	187.50	6.30	0.850
HP023	245.00	261.60	16.60	0.434
HP023	274.00	277.00	3.00	0.913
HP023	284.80	290.80	6.00	0.320
HP024	117.20	126.30	9.10	13.862
HP025	200.70	229.50	28.80	1.342
HP026	79.50	86.50	7.00	0.553
HP026	111.00	123.00	12.00	1.049
HP027	213.50	228.60	15.10	0.514
HP028	318.20	332.00	13.80	1.414
HP031	330.00	342.50	12.50	0.997
HP032	137.00	141.90	4.90	2.753
HP032	164.60	176.80	12.20	2.041
HP033	132.80	139.40	6.60	0.289
HP036	106.90	114.90	8.00	1.992
HP042	591.40	620.00	28.60	22.332
HP042	637.00	651.00	14.00	4.972
HP047	417.40	443.60	26.20	1.161
HP047A	418.50	445.85	27.35	3.234
HP051	127.00	134.00	7.00	31.114
HP052	132.60	150.50	17.90	0.789
HP053	159.00	167.60	8.60	8.599

RENISON ML

18/86 CREASY

E.Z. M.L.

1/62 E.Z

36/87 CYPRUS

9/66 R.G.C.

102/87 B.H.P

46/89 R.G.C.

101/87 R.G.C.

13/88 R.G.C.

1/85 CYPRUS

5/85 CRA/ABER

103/87 SHELL

ROSEBERY FAULT

HENTY FAULT

SOUTH HENTY FAULT

GREAT LYELL FAULT

NORTH HENTY FAULT

WEST COAST RANGE

SOUTHWEST CONSERVATION AREA

TIMBER RESERVE

CROWN LAND

HEC

MOUNT READ

MOUNT JULIA

MOUNT DUNDAS

MOUNT SELINA

ARNOLD PEAK

JULIA PEAK

RED HILLS

STICHT RANGE

Lake Selina

Lake Westwood

Lake Julia

Lake Sandra

Shaded Lake

LAKE MURCHISON

Whitecliffy Hills

Williamsford

Queenstown

Zeehan

Strahan

Macquarie Harbour

Henty River

Gordon River

Franklin River

Collingwood River

Denison River

Dundas River

Mackintosh River

Anthony Creek

Moxon Creek

Jukes Creek

Jubilee Creek

Lyell Creek

Jane River

Selina Creek

Stitch Creek

Whitecliffy Creek

White Spur

Mount Dundas

Mount Heemskirk

Mount Owen

Mount Darwin

Mount Sedgwick

Mount Arrowsmith

Mount Huxley

Mount Youngman

Mount Zeehan

Mount Lyell

Mount Jukes

Mount Julius

Mount Selina

Mount Arnold

Mount Moxon

Mount Sophia

Mount Sandra

Mount Gave

Mount Lubbe

Mount Westwood

Mount Shaded

Mount Lime

Mount Sayer

Mount Anthony

Mount Ashbury

Mount Stitch

Mount Range

Mount Julia Peak

Mount Selina

Mount Arnold Peak

Mount Red Hills

Mount Whitecliffy Hills

Mount Stitch Range

Mount Mount Selina

Mount Mount Arnold Peak

Mount Mount Julia Peak

Mount Mount Stitch Range

Mount Mount Mount Selina

Mount Mount Mount Arnold Peak

Mount Mount Mount Julia Peak

Mount Mount Mount Stitch Range

Mount Mount Mount Mount Selina

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Mount Stitch Range

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Mount Julia Peak

Mount Stitch Range

Mount Selina

Mount Arnold Peak

Mount Julia Peak

Mount

10347

5 370 000mN

5 360 000mN

270 000mE

360 000mE

67M/88 100ha

76M/88 97ha

75M/88 100ha

73M/88 76ha

74M/88 64ha

52M/88 100ha

72M/88 84ha

71M/88 76ha

68M/88 100ha

69M/88 100ha

70M/88 100ha

E.L. 9/66 BOUNDARY

TIMBER RESERVE

PROCLAIMED TOWN OF RINGAROOMA

MOUNT DUNDAS

MOUNT JULIA

MOUNT SELINA

MOUNT HENTY

ARNOLD PEAK

JULIA PEAK

SOUTHWEST CONSERVATION AREA

HEC

CROWN LAND

LAKE MURCHISON

ANTHONY ROAD

MURCHISON HIGHWAY

WESTERN ARTHURS RANGE

EASTERN ARTHURS RANGE

RED HILLS

UNIVERSAL GRID REFERENCE

GRID ZONE DESIGNATION	55G
100 000 METRE SQUARE IDENTIFICATION	CP
To give a standard reference to the nearest 100 metres	Easting / Northing
1 State name and number of this map.	
2 Locate first VERTICAL grid line to the left of point and read large figures only in either the top or bottom margin e.g. Estimate tenths from grid line to point: e.g.	85 / 9
3 Locate first HORIZONTAL grid line below the point and read large figures only in either the left or right margin e.g. Estimate tenths from grid line to point: e.g.	63 / 0
SAMPLE POINT: TYN MOUNT SELINA	859630
To give full grid reference, prefix with Grid Zone Designation and 100 000 metre Square Identification letters e.g.	55GCP859630

Residential area; Commercial buildings

Roads maintained for continuous public use: Primary road with route number; Secondary road with route number; Minor road with route number; Other road

Roads of restricted use or access: Other roads with bridge; Vehicular track with gate

Walking track or horse trail (approximate position) with bridge

Railway with station; Places entered in National Estate Register

Power transmission line and pylon positions

Building; Feature of historic or special interest; Ruin; Mine

Post office; Police station; Fire station; School

Caravan park; Camping ground; Public toilets

Disposal area; Information centre; Cemetery

Picnic area; Trig station beacon; Spot elevation

Contour with value; Depression contour

Quarry, pit or open cut mine

Rock scree; Broken rocky surface

Dense forest; Medium forest

Low dense vegetation; Distinctive grass

Orchard; Pine plantation

Eucalypt plantation; Submerged trees

Swamp

Windbreak

Wet area; Subject to flooding

Waterfall; Rapids

Indefinite shoreline or floodbank; Levee

Tidal rocks or ledge; Offshore rock

Navigation light or lighthouse; Exposed wreck

Sand; Tidal reef

Saline coastal flat; Tidal flats

Jetty; Launching ramp

NOTE:

ALL MINING LEASES HAVE NOW BEEN CONSOLIDATED INTO 16M/89.

GRID CONVERGENCE 0.9°

GRID/MAGNETIC ANGLE 11.9°

5 cm

INDEX TO ADJOINING MAPS

ROSEBERY 3537; TULLAH 3537; WILL 4037; BUNDAS 3935; SELINA 4036; ACHILLES 4038; OCEANA 3634; TYNDALL 3834; DOME 4035

RGC EXPLORATION PTY. LIMITED

5 17287 TYNDALL - E.L. 9/66

HENTY PROJECT

LOCATION MAP

DRAWN BY	L.A.N.
DRAFTSMAN	G.B.
DATE	
REVISIONS	JULY '89
FILE NO.	

SCALE 1: 25,000 — 500 250 0 500 1000 METRES

FIG. 1.

10349

SEE DETAILED 1:250 SHEET

53 64,000mN.
53 63,000mN.
53 62,000mN.
53 61,000mN.
53 60,000mN.
53 59,200mN.

379,000mE.
380,000mE.
381,000mE.
382,000mE.

Creek
Jones
Julia
Creek
HEC ROAD
ACCESS ROAD
HENRY
NORTH
HENRY FAULT ZONE
HENRY FAULT
HENRY FAULT
SOUTH
CANAL
BRADSHAWS
MT. JULIA
LAKE JULIA
GREAT LYELL FAULT ZONE
ANTHONY RD
CONCRETE PLANT AREA

€cv
€cva
€tc
€tt
€tl
€ts
€Oon

LEGEND

NEWTON CREEK SANDSTONE
- €Oon — Sandstones, shales and conglomerates.

TYNDALL GROUP
- €tc — Very fine to blocky epiclastics.
- €tt — Mixed tuffs, lavas and minor epiclastics. Predominantly quartz phyric.
- €tl — Massive quartz phyric lavas and breccias.
- €ts — Shales, siltstones with some minor intermediate volcanics.

CENTRAL VOLCANIC SEQUENCE
- €cva — Quartz phyric to feldspar phyric volcaniclastics and lavas.
- €cv — Dominantly feldspar phyric lavas with minor mafic dykes

HENTY FAULT ZONE with interbedded shales and poorly sorted lithicwacke.

Bedding — Facing unknown, Vertical, Overturned, Upright
Cleavage, Vertical cleavage
Banding, Vertical banding
Anticline, Syncline
Fault with Dip

SiO_2 - sericite - pyrite alteration
SiO_2 - carbonate - sulphide alteration

517288

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	C.J. Yeats
DRAWN:	T.G.D.S.
DATE:	April 1989
CHECKED:	
1:25,000 REFERENCE:	DUNDAS & SELINA

HENTY PROJECT
SOUTH HENTY
INTERPRETIVE GEOLOGY

BASE PLAN No. | OVERLAY PLAN No. | 50 0 50 100 250 SCALE: 1:5,000 | FIGURE No. 3

5 cm

10350

364,000mE. 364,050mE. 364,100mE. 364,150mE.

380,200mE.

380,150mE.

380,100mE.

380,050mE.

380,025mE.

HENTY FAULT ZONE

Drain

Drain

Drain

10351

64 400m N. | 64 300m N. | 64 200m N. | 64 100m N. | 64 000m N. | 63 900m N. | 63 800m N. | 63 700m N. | 63 600m N. | 63 500m N.

80 300m E. | 80 200m E. | 80 100m E. | 80 000m E. | 79 900m E. | 79 800m E. | 79 700m E. | 79 600m E.

HP046 HP026 HP043 HP044 HP050 HP048 HP045 HP041 HP040 HP039 HP042 HP038 HP047 HP047A HP029 HP052 HP056 HP024 HP058 HP011 HP036 HP030 HP006 HP064 HP060 HP055 HP051 HP053 HP022 HP020 HP009 HP017 HP015 HP054 HP005A HP008 HP007 HP014 HP018 HP005 HP067 HP068 HP028 HP061 HP063 HP065 HP066 HP032 HP027 HP033 HP031 HP019 HP021 HP004A HP035 HP007 HP023 HP025 HP013A HP013 HP034A HP034 HP003 HP001 HP012A HP012 HP062 HFZ09 HFZ06 HFZ10 HP002 HP057A HP049 HP002A HP049A HP049B HP057 HFZ12 HFZ05 HFZ11

2700 | 2650 | 2600

HENTY | ACCESS | ROAD | RIVER | HOWARD'S | ROAD

SHEET LOCATIONS

64 400m N. | 64 000m N. | 80 000m E. | 80 000m E. | 63 600m N.

1:2000 | 1:5000

GRID MAGNETIC 11.8°

GRID CONVERGENCE 0.8°

517290

5 cm

90-3094

RGC EXPLORATION PTY. LIMITED

HENTY PROJECT

DRILLHOLES & DEVELOPMENT

COMPILED:	
DRAWN:	T.G.D.S.
DATE:	JULY '89
CHECKED:	
1:25,000 REF.	DUNDAS & SELINA

BASE PLAN No. | OVERLAY PLAN No.

10 0 10 20 40 SCALE: 1 : 1000

FIGURE No. 5.

NORTH

SOUTH

64400mN 64300mN 64200mN 64100mN 64000mN 63900mN 63800mN 63700mN 63600mN 63500mN

2600m R.L.
2500m R.L.
2400m R.L.
2300m R.L.
2200m R.L.
2100m R.L.
2000m R.L.
1900m R.L.

NOTE
HP15, 44, 43, 41, 39, 45 and 40 are Geotechnical Holes

PROJECTED SURFACE TRACE OF GOLD MINERALISED ZONE

DECLINE

HP 46
HP29 3·3m — 2·4m 0·8g; 0·6m 0·9g
HP30 8·9m — 1·0m 0·5g
HP15 17·1m — 2·1m 0·9g; 0·5m 1·2g; 1·1m 6·1g; 0·7m 9·6g
HP44
HP43
HP41
HP39
HP40
HP45
HFZ 11
HP24 16·6m — 1·8m 44·9g; 0·8m 0·5g; 0·8m 17·0g; 7·3m 1·5g
HP52 16·7m
HP58 7·3m
HP60 12·0m — 5·3m 1·4g
HP36 6·6m — 1·6m 7·4g; 2·0m 91·5; 2·4m 72·3
HP51 4·9m
HP55 4·3m — 4·3m 2·3g
HP53 7·3m — 2·5m 21·4g; 7·3m 8·6g
HP56 — 0·9m 2·4g
HP11 18·4m — 0·8m 3·8g; 0·4m 0·8g
HP26 36·0m — 0·9m 1·7g; 0·9m 1·0g; 1·8m 4·1g; 0·9m 1·1g; 1·8m 0·6g
HP20 18·8m — 0·8m 1·9g; 0·8m 1·2g; 1·7m 1·7g
HP22 12·1m — 0·7m 3·5g; 0·9m 2·0g
HP9 14·9m — 1·3m 25·8g; 0·7m 1·3g
HP67 — 2·1m 4·1g
HP14 33·8m — 1·4m 0·7g; 0·9m 1·2g; 0·8m 1·5g; 0·9m 3·9g
HP68 — 1·3m 44·7g
HP61 7·1m — 2·0m 1·8g
HP63 2·0m & 2·0m — 2·0m 0·7g; 2·0m 2·7g
HP65 11·9m
HP8 15·8m — 1·0m 2·2g
HP17 17·4m — 0·9m 2·3g; 1·4m 13·9g
HP18 16·4m — 0·8m 1·0g; 1·0m 1·0g; 0·8m 1·3g
HP66 8·8m — 0·8m 0·8g
HP32 36·2m — 0·8m 13·4g; 0·6m 0·7g; 1·8m 9·4g; 0·9m 1·0g; 1·8m 1·6g
HP33 13·4m — 1·8m 0·9g
HP35 27·5m — 0·8m 1·2g
HP27 32·1m — 0·9m 1·0g; 0·9m 0·5g; 0·9m 0·5g; 1·7m 2·6g
HP4 34·1m — 0·9m 0·7g; 1·8m 0·6g; 1·8m 23·7g; 0·9m 0·8g; 1·8m 1·7g; 0·9m 1·4g; 3·6m 9·9g; 1·9m 0·8g
HP4A 32·7m — 1·8m 10·2g; 0·9m 1·8g; 1·8m 1·1g; 1·8m 0·9g; 1·8m 4·5g; 1·8m 2·5g
HP25 23·8m — 0·8m 3·5g; 1·4m 18·4g
HP5 18·4m
HP5A 18·3m — 0·9m 0·6g
HP19 30·0m — 0·9m 2·5g; 0·9m 1·5g; 3·6m 9·9g; 0·9m 2·6g; 2·7m 1·1g
HP21 36·1m — 0·9m 0·7g; 0·9m 0·6g; 1·0m 1·5g; 0·9m 0·6g
HP23 39·9m — 1·6m 0·6g; 1·6m 2·0g; 1·6m 1·3g; 0·8m 0·6g; 0·8m 0·6g
HP28 13·0m — 0·6m 2·0g; 2·9m 4·5g; 0·4m 1·0g; 2·2m 0·5g
HP31 25·8m — 1·5m 5·8g
HP7 41·5m — 0·8m 1·8g; 3·8m 1·9g; 1·5m 0·8g
HP47 29·5m — 16·2m 1·93g
HP47A 26·1m — 10·5m 1·3g; 2·0m 35·1g; 5·7m 1·0g
HP62 14·6m
HP34B — Abandoned in fault
HP13 15·5m — 0·8m 0·7g; 0·8m 1·6g; 1·5m 1·7g
HP13A 11·5m
HP12 46·1m — 0·9m 1·5g; 3·3m 22·0g; 1·6m 1·5g; 2·5m 1·7g; 2·6m 21·9g; 1·1m 3·1g; 0·9m 0·5g; 1·8m 2·2g; 0·9m 0·6g; 0·9m 1·2g; 0·5m 0·6g
HP12A 40·1m
HP42 25·9m — 10·0m 55·8 g/t; 2·5m 22·8g/t
HP42 12·7m — 2·0m 8·6g/t; 4·3m 4·6g/t; 2·8m 12·5g/t; 3·7m 9·7g/t
HP2 7·3m — 2·1m 4·3g
HP2 10·9m — 1·0m 2·5g
HP2A 10·4m
HP57A 16·0m & 1·5m — 1·1m 1·6g
HP57 8·9m & 15·1m — 8·0m 2·4g; 0·9m 12·5g; 3·5m 1·1g
HP49 B — 16·2m 0·4g
HP49A 6·8m & 36·5m — 34·2m 0·5g; 2·3m 0·8g; 5·2m 5·1g; 6·2m 4·3g; 2·1m 2·3g
HP49 12·0m
HP38 20·8m
HFZ5 7·3m — 4·3m 10·0g; 1·2m 0·8g
HFZ6 15·3m — 0·5m 2·0g; 2·6m 0·6g
HFZ9 6·1m R? — 1·0m 1·4g
HFZ10 31·6m — 0·6m 7·2g; 2·7m 2·6g
HP1 32·2m — 1·0m 0·7g; 1·0m 1·0g; 1·0m 1·1g; 1·9m 1·6g; 2·0m 1·4g
HP6 12·0m — 2·6m 4·2g; 0·9m 0·9g

LEGEND

THE MINERALISED ZONE

A zone of mineralised, generally coarse grained volcaniclastics with a total visible sulphide content greater than or equal to 5% by volume. Siliceous (± calcareous) veins are also included.

SIGNIFICANT GOLD MINERALISATION

Calculation based on 4 g/t gold cut off with a grade x thickness of better than 8 g/m.

Hole No. and thickness of Mineralised Zone
HP6 11·4m — 2·6m 4·2g; 1·9m 1·6g
Henty Fault Footwall
Mineralised Zone Hanging Wall
Grade and thickness of significant mineralisation
Grade and thickness of mineralisation at 0·5 g/t Au cut off.
Mineralised Zone Footwall
Direction of drillhole through Mineralised Zone

HFZ 9 6·1R? m — Drillhole ends within Mineralised Zone

HFZ 11 — Drillhole fails to intersect Mineralized Zone

NOTES
1. All thicknesses are horizontal
2. Projection line is 380400mE
3. 2000m has been added to the true R.L.'s
4. Projected surface of the Mineralised Zone is approximate only; taken from 1:1000 and 1:2000 geology plans. A 5·0m height adjustment has been assumed for the tree-top-ground difference.

SHEET LOCATION
B 16 | B 23 | B 28

517291
5cm
90-3094

RGC EXPLORATION PTY. LIMITED

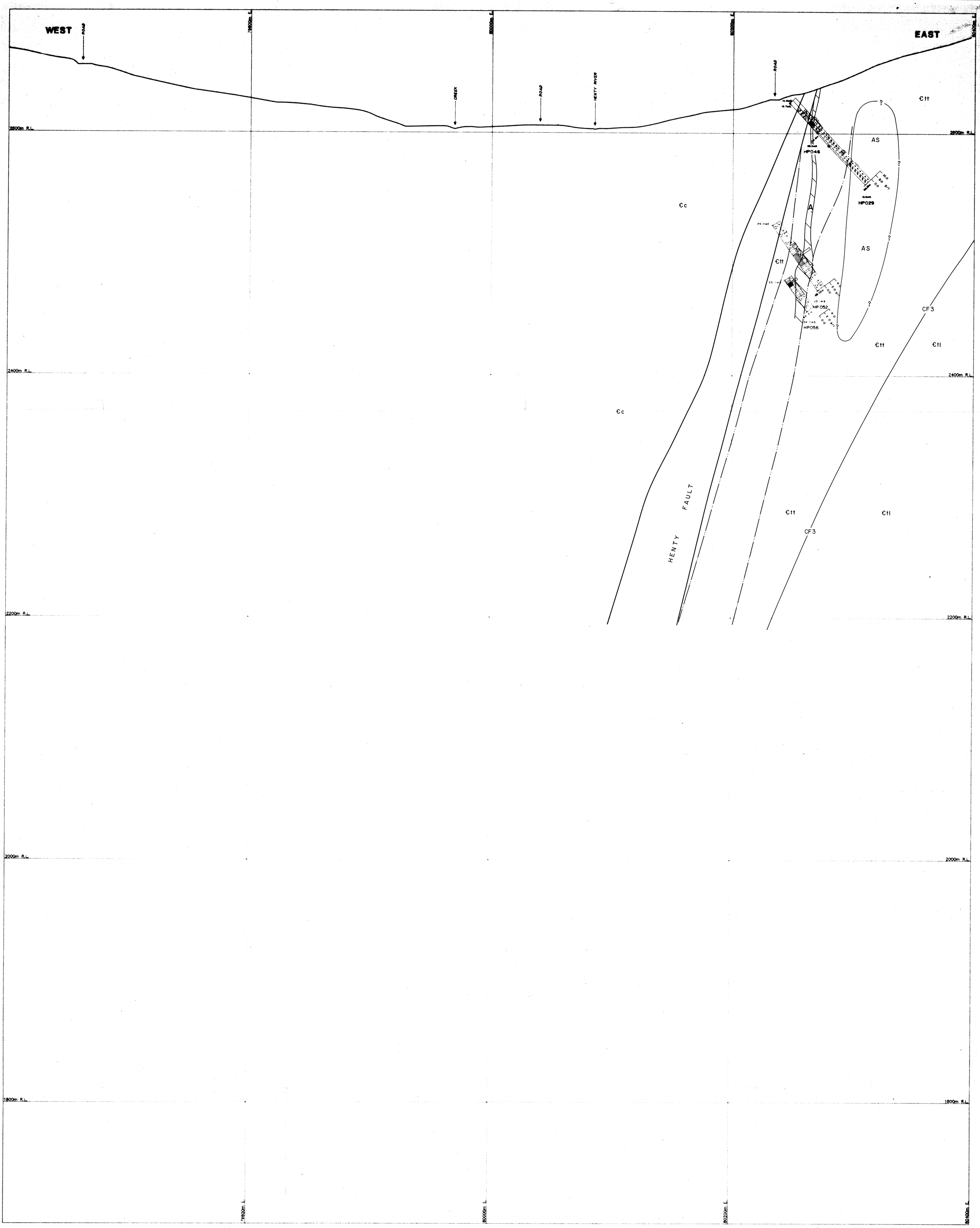
TYNDALL E.L. 9/66
HENTY PROSPECT SHEET B 23

LONGITUDINAL PROJECTION OF THE HENTY MINERALISED ZONE

SCALE 1:1000 — 20 10 0 10 20 30 40 METRES

DRAWN BY	A.J.C.
DRAFTSMAN	G.M.B.
DATE	JULY '89
REVISIONS	
FILE NO.	F 15 6.

10353



LEGEND

ROCK UNITS

Geology Code

// NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

HW/ UNDIFFERENTIATED
HWW WEATHERED
HWF PREDOMINANTLY FELSIC
HWM PREDOMINANTLY MAFIC
HWV MIXED FELSIC & MAFIC
HWB STRONGLY BROKEN
HWS SHEARED

HENTY FAULT ZONE (HF)

FZ MYLONITE AND PUG
FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

L/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
LQ QUARTZ-PHYRIC VOLCANICLASTICS
LF FELDSPAR-PHYRIC VOLCANICLASTICS
LM MAFIC/INTERMEDIATE VOLCANIC
LB BLOCKY VOLCANICLASTICS
LC COARSE-GRAINED VOLCANICLASTICS
LV FINE-GRAINED VOLCANOCLASTICS
LA POORLY SORTED ASHY VOLCANICLASTICS
LU MIXED VOLCANICLASTICS + EPICLASTICS
L/ UNDIFFERENTIATED EPICLASTIC
LB BLOCKY EPICLASTIC
LC PEBBLY EPICLASTIC
LM SANDY EPICLASTIC
LF SILTY EPICLASTIC
LV SHALEY EPICLASTIC
LX BEDDED MIXED EPICLASTICS
LT CRYSTAL-RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

N/ UNDIFFERENTIATED
NC CONGLOMERATE
NSA SANDSTONE
NS SHALE
NSS SHALE AND SANDSTONE
NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

MZ QUARTZ-SULPHIDE MINERALISATION
MV INTENSE QUARTZ MINERALISATION
MP MASSIVE PYRITE
MB MASSIVE BASE-METAL SULPHIDE
MA MODERATE TO STRONG ALTERATION
AS INTENSE SILICIFICATION
LL CARBONATE ZONE

STRUCTURAL ZONES

FP FAULT: BROKEN PUG ZONE
FR INTENSELY BROKEN ZONE
QV QUARTZ VEIN

ALTERATION

A1 STRONG SILICA-SERICITE-PYRITE
A2 MODERATE SILICA-SERICITE-PYRITE
A3 WEAK SILICA-SERICITE-PYRITE
Y QUARTZ-SERICITE
S SILICA
R SERICITE
P PYRITE
C CARBONATE
H HEMATITE
O CHLORITE
K K-FELDSPAR
L CLAY
SR SILICA-SERICITE
SP SILICA-PYRITE
SH SILICA-HEMATITE
RP SERICITE-PYRITE
RO SERICITE-CHLORITE
RC CARBONATE-SILICA
CO CARBONATE-CHLORITE
CH CARBONATE-HEMATITE
AC Si-Ser-Py ALTERATION WITH CO_3
YC QZ-SER ALTERATION WITH CO_3
F FUSCHITE-SERICITE ± CO_3
B REGIONAL (K-F; SER-CHL)
M MINERALISATION

TYNDALL GROUP

€On NEWTON CREEK SANDSTONE
COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK-GREEN SHALE.

€tc TYNDALL: EPICLASTICS
EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.

€tt TYNDALL: VOLCANICLASTICS AND LAVAS MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.

€tl TYNDALL: QUARTZ PORPHYRY QUARTZ-FELDSPAR-PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (7.5mm).

€c CENTRAL SEQUENCE VOLCANICS
FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT
MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section
1cm = 10 g/t

F FOOTWALL FAULT - PUGGY CRUSH ZONES
GEOLOGICAL CONTACT
CF 2 GEOLOGICAL CONTACT ALONG FAULT
ENVELOPE OF PYRITIC ALTERATION
QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)
AS INTENSE SILICIFICATION
LL CARBONATE ZONE

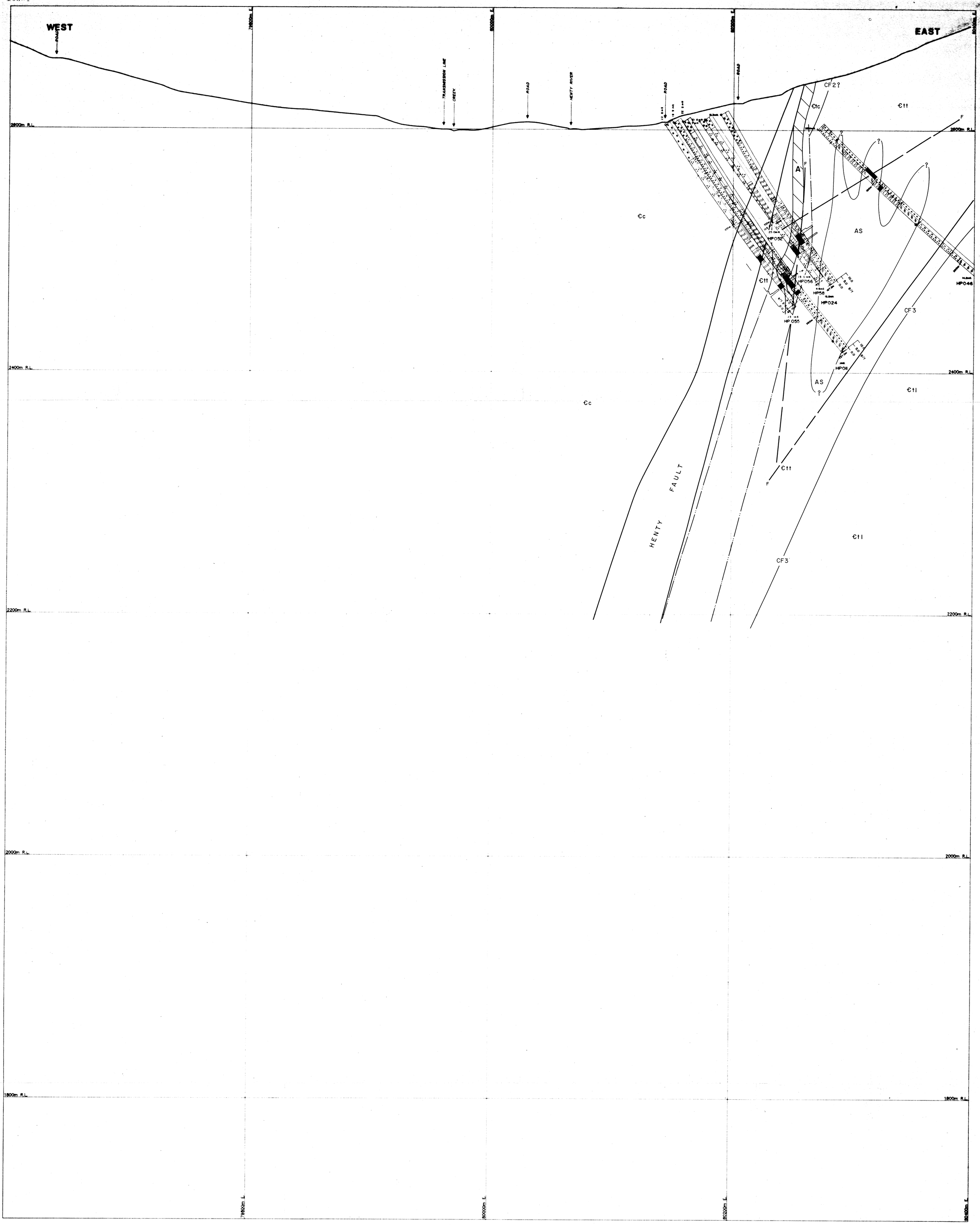
517292

90-3094

RGC EXPLORATION PTY. LIMITED		
	COMPILED: R.R.	HENTY PROJECT
	DRAWN: T.G.D.S.	64500 N.
	DATE: SEPT. 1990	FACTUAL GEOLOGY
	CHECKED:	GOLD ASSAYS
	1:5,000 REFERENCE: DUNDAS & SELINA	GEOLOGICAL INTERPRETATION
BASE PLAN No.	OVERLAY PLAN No.	SCALE: 1:1000 (10 0 10 20 50) FIGURE No. 7.

5 cm

10354



LEGEND

ROCK UNITS

Geology Code

// NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

- HW/ UNDIFFERENTIATED
- HWW WEATHERED
- HWF PREDOMINANTLY FELSIC
- HWM PREDOMINANTLY MAFIC
- HWV MIXED FELSIC & MAFIC
- HWB STRONGLY BROKEN
- HWS SHEARED

HENTY FAULT ZONE (HF)

- FZ MYLONITE AND PUG
- FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

- L/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
- LQ QUARTZ-PHYRIC VOLCANICLASTICS
- LF FELDSPAR-PHYRIC VOLCANICLASTICS
- LM MAFIC/INTERMEDIATE VOLCANIC
- LB BLOCKY VOLCANICLASTICS
- LC COARSE-GRAINED VOLCANICLASTICS
- LV FINE-GRAINED VOLCANOCLASTICS
- LA POORLY SORTED ASHY VOLCANICLASTICS
- LU MIXED VOLCANICLASTICS + EPICLASTICS
- U/ UNDIFFERENTIATED EPICLASTIC
- UB BLOCKY EPICLASTIC
- UC PEBBLY EPICLASTIC
- UN SANDY EPICLASTIC
- UF SILTY EPICLASTIC
- UV SHALEY EPICLASTIC
- UX BEDDED MIXED EPICLASTICS
- UT CRYSTAL-RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

- QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

- N/ UNDIFFERENTIATED
- NC CONGLOMERATE
- NSA SANDSTONE
- NS SHALE
- NSS SHALE AND SANDSTONE
- NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

- MZ QUARTZ-SULPHIDE MINERALISATION
- MV INTENSE QUARTZ MINERALISATION
- MP MASSIVE PYRITE
- MB MASSIVE BASE-METAL SULPHIDE
- MA MODERATE TO STRONG ALTERATION
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

STRUCTURAL ZONES

- FP FAULT: BROKEN PUG ZONE
- FR INTENSELY BROKEN ZONE
- QV QUARTZ VEIN

ALTERATION

- A1 STRONG SILICA-SERICITE-PYRITE
- A2 MODERATE SILICA-SERICITE-PYRITE
- A3 WEAK SILICA-SERICITE-PYRITE
- Y QUARTZ-SERICITE
- S SILICA
- R SERICITE
- P PYRITE
- C CARBONATE
- H HEMATITE
- O CHLORITE
- K K-FELDSPAR
- L CLAY
- SR SILICA-SERICITE
- SP SILICA-PYRITE
- SH SILICA-HEMATITE
- RP SERICITE-PYRITE
- RO SERICITE-CHLORITE
- SC CARBONATE-SILICA
- CO CARBONATE-CHLORITE
- CH CARBONATE-HEMATITE
- AC Si-Ser-Py ALTERATION WITH CO_3
- YC QZ-SER ALTERATION WITH CO_3
- F FUSCHITE-SERICITE ± CO_3
- R REGIONAL (K-F; SER-CHL)
- M MINERALISATION

TYNDALL GROUP

- €On NEWTON CREEK SANDSTONE COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK-GREEN SHALE.
- €tc TYNDALL: EPICLASTICS EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.
- €tt TYNDALL: VOLCANICLASTICS AND LAVAS MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.
- €tl TYNDALL: QUARTZ PORPHYRY QUARTZ-FELDSPAR-PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).
- €c CENTRAL SEQUENCE VOLCANICS FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT
MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section

1cm = 10 g/t

- F FOOTWALL FAULT - PUGGY CRUSH ZONES
- GEOLOGICAL CONTACT
- CF 2 GEOLOGICAL CONTACT ALONG FAULT
- ENVELOPE OF PYRITIC ALTERATION
- QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

517293

5 cm

90-3094

RGC EXPLORATION PTY. LIMITED		
	COMPILED: R.R.	HENTY PROJECT
	DRAWN: T.G.D.S.	64450 N.
	DATE: SEPT. 1990	FACTUAL GEOLOGY
	CHECKED	GOLD ASSAYS
	1:25,000 REFERENCE: DUNDAS & SELMA	GEOLOGICAL INTERPRETATION
BASE PLAN No.	OVERLAY PLAN No.	SCALE: 1:1000 (10 0 10 20 50)

FIGURE No. 8.

10355

WEST

EAST

ROAD

CREEK

ROAD

HENTY RIVER

ROAD

ROAD

79800m E.

80000m E.

80200m E.

80400m E.

2800m R.L.

2400m R.L.

2200m R.L.

2000m R.L.

1800m R.L.

€c

€tc

€tt

€tl

CF2

CF3

F

A

AS

HENTY FAULT

HP030

HP051

HP060

HP036

HP053

HP006

?

LEGEND

ROCK UNITS

NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

- HW/ UNDIFFERENTIATED
- HWW WEATHERED
- HWF PREDOMINANTLY FELSIC
- HWM PREDOMINANTLY MAFIC
- HWV MIXED FELSIC & MAFIC
- HWB STRONGLY BROKEN
- HWS SHEARED

HENTY FAULT ZONE (HF)

- FZ MYLONITE AND PUG
- FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

- L/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
- LQ QUARTZ-PHYRIC VOLCANICLASTICS
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- LM MAFIC/INTERMEDIATE VOLCANIC
- LB BLOCKY VOLCANICLASTICS
- LC COARSE-GRAINED VOLCANICLASTICS
- LV FINE-GRAINED VOLCANOCLASTICS
- LA POORLY SORTED ASHY VOLCANICLASTICS
- LU MIXED VOLCANICLASTICS + EPICLASTICS
- V/ UNDIFFERENTIATED EPICLASTIC
- VB BLOCKY EPICLASTIC
- VC PEBBLY EPICLASTIC
- VM SANDY EPICLASTIC
- VF SILTY EPICLASTIC
- VV SHALEY EPICLASTIC
- VX BEDDED MIXED EPICLASTICS
- VT CRYSTAL-RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

- QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

- N/ UNDIFFERENTIATED
- NC CONGLOMERATE
- NSA SANDSTONE
- NS SHALE
- NSS SHALE AND SANDSTONE
- NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

- MZ QUARTZ-SULPHIDE MINERALISATION
- MV INTENSE QUARTZ MINERALISATION
- MP MASSIVE PYRITE
- MB MASSIVE BASE-METAL SULPHIDE
- MA MODERATE TO STRONG ALTERATION
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

STRUCTURAL ZONES

- FP FAULT: BROKEN PUG ZONE
- FR INTENSELY BROKEN ZONE
- QV QUARTZ VEIN

ALTERATION

- A1 STRONG SILICA-SERICITE-PYRITE
- A2 MODERATE SILICA-SERICITE-PYRITE
- A3 WEAK SILICA-SERICITE-PYRITE
- Y QUARTZ-SERICITE
- S SILICA
- R SERICITE
- P PYRITE
- C CARBONATE
- H HEMATITE
- O CHLORITE
- K K-FELDSPAR
- L CLAY
- SR SILICA-SERICITE
- SP SILICA-PYRITE
- SH SILICA-HEMATITE
- RP SERICITE-PYRITE
- RO SERICITE-CHLORITE
- BC CARBONATE-SILICA
- CO CARBONATE-CHLORITE
- CH CARBONATE-HEMATITE
- AC Si-Ser-Py ALTERATION WITH CO_3
- VC QZ-SER ALTERATION WITH CO_3
- F FUSCHITE-SERICITE ± CO_3
- B REGIONAL (K-F; SER-CHL)
- M MINERALISATION

TYNDALL GROUP

- €On NEWTON CREEK SANDSTONE COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK-GREEN SHALE.
- €tc TYNDALL : EPICLASTICS EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.
- €tt TYNDALL : VOLCANICLASTICS AND LAVAS MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.
- €tl TYNDALL : QUARTZ PORPHYRY QUARTZ-FELDSPAR-PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).
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HENTY FAULT MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

- F FOOTWALL FAULT - PUGGY CRUSH ZONES
- GEOLOGICAL CONTACT
- CF 2 GEOLOGICAL CONTACT ALONG FAULT
- ENVELOPE OF PYRITIC ALTERATION
- QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

NOTES:

● Drill hole intersection through section

1cm = 10 g/t

517294

5 cm

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.
DRAWN:	T.G.D.S.
DATE:	SEPT. 1986
CHECKED:	
NATIONAL GRID REFERENCE:	DUBBAS & SELINA

HENTY PROJECT

64400 N.

FACTUAL GEOLOGY

GOLD ASSAYS

GEOLOGICAL INTERPRETATION

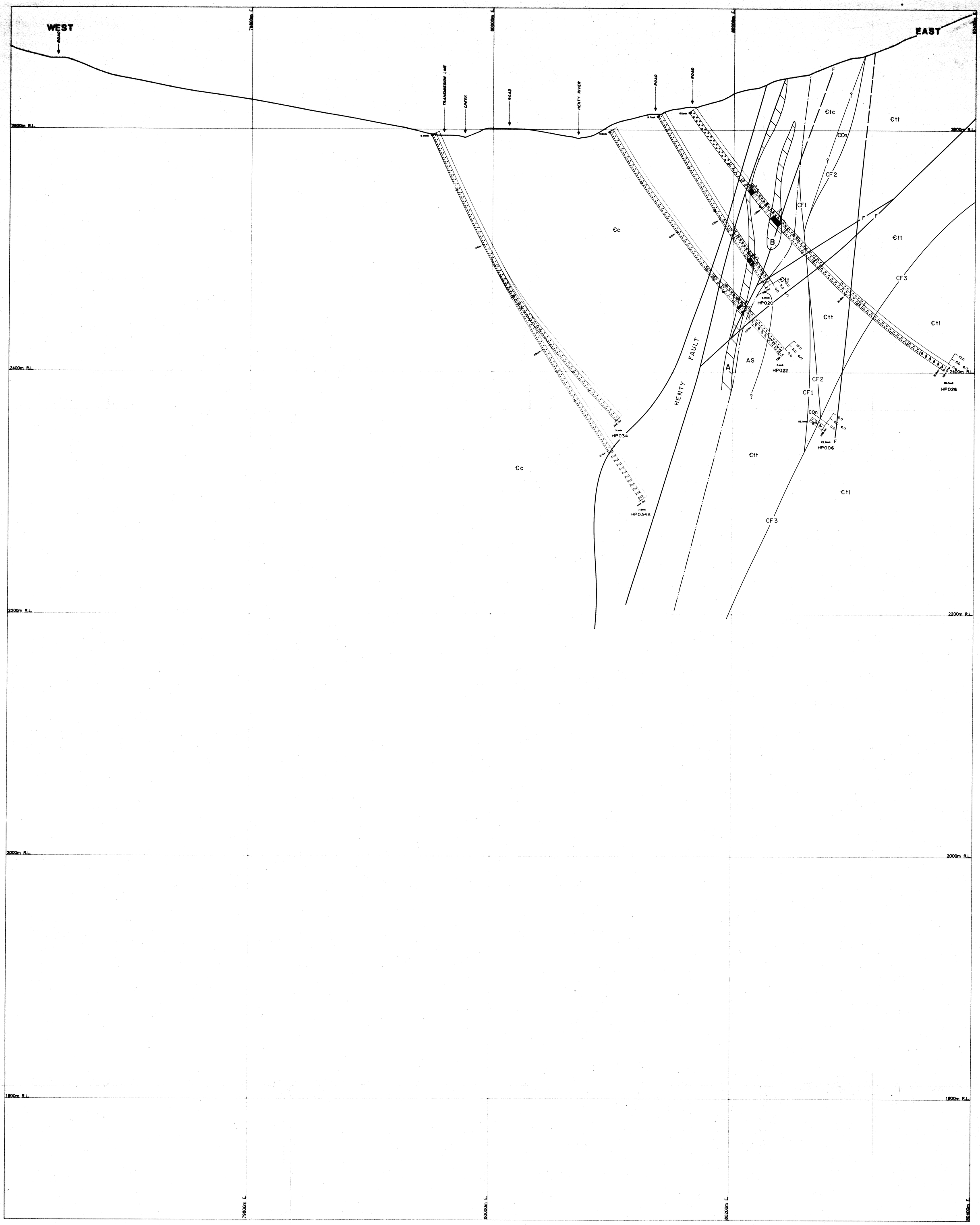
BASE PLAN No.

OVERLAY PLAN No.

SCALE: 1:1000

FIGURE No. 9.

1035e



LEGEND

ROCK UNITS

Boring Code // NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

- HW/ UNDIFFERENTIATED
- HWW WEATHERED
- HWF PREDOMINANTLY FELSIC
- HWM PREDOMINANTLY MAFIC
- HWV MIXED FELSIC & MAFIC
- HWB STRONGLY BROKEN
- HWS SMEARED

HENTY FAULT ZONE (HF)

- FZ MYLONITE AND PUG
- FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

- L/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
- LQ QUARTZ–PHYRIC VOLCANICLASTICS
- LF FELDSPAR–PHYRIC VOLCANICLASTICS
- LM MAFIC/INTERMEDIATE VOLCANIC
- LB BLOCKY VOLCANICLASTICS
- LC COARSE–GRAINED VOLCANICLASTICS
- LV FINE–GRAINED VOLCANICLASTICS
- LA POORLY SORTED ASHY VOLCANICLASTICS
- LU MIXED VOLCANICLASTICS + EPICLASTICS
- U/ UNDIFFERENTIATED EPICLASTIC
- UB BLOCKY EPICLASTIC
- UC PEBBLY EPICLASTIC
- UM SANDY EPICLASTIC
- UF SILTY EPICLASTIC
- UV SHALEY EPICLASTIC
- UX BEDDED MIXED EPICLASTICS
- UT CRYSTAL–RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

- QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

- N/ UNDIFFERENTIATED
- NC CONGLOMERATE
- NSA SANDSTONE
- NS SHALE
- NSS SHALE AND SANDSTONE
- NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

- MZ QUARTZ–SULPHIDE MINERALISATION
- MV INTENSE QUARTZ MINERALISATION
- MP MASSIVE PYRITE
- MS MASSIVE BASE–METAL SULPHIDE
- MA MODERATE TO STRONG ALTERATION
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

STRUCTURAL ZONES

- FP FAULT: BROKEN PUG ZONE
- FR INTENSELY BROKEN ZONE
- QV QUARTZ VEIN

ALTERATION

- A1 STRONG SILICA–SERICITE–PYRITE
- A2 MODERATE SILICA–SERICITE–PYRITE
- A3 WEAK SILICA–SERICITE–PYRITE
- Y QUARTZ–SERICITE
- S SILICA
- R SERICITE
- P PYRITE
- C CARBONATE
- H HEMATITE
- O CHLORITE
- K K–FELDSPAR
- L CLAY
- SP SILICA–SERICITE
- SP SILICA–PYRITE
- SH SILICA–HEMATITE
- RP SERICITE–PYRITE
- RO SERICITE–CHLORITE
- PC CARBONATE–SILICA
- CO CARBONATE–CHLORITE
- CH CARBONATE–HEMATITE
- AC Si–Ser–Py ALTERATION WITH CO_3
- YC QZ–SER ALTERATION WITH CO_3
- F FUSCHITE–SERICITE ± CO_3
- G REGIONAL (K–F; SER–CHL)
- M MINERALISATION

TYNDALL GROUP

- €On NEWTON CREEK SANDSTONE COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK–GREEN SHALE.
- €tc TYNDALL: EPICLASTICS EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.
- €tt TYNDALL: VOLCANICLASTICS AND LAVAS MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ–FELDSPAR–PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.
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HENTY FAULT
MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section
1cm = 10 g/t

- F FOOTWALL FAULT – PUGGY CRUSH ZONES
- GEOLOGICAL CONTACT
- CF 2 GEOLOGICAL CONTACT ALONG FAULT
- ENVELOPE OF PYRITIC ALTERATION
- QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT–OFF)
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

517295

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.
DRAWN:	T.G.D.S.
DATE:	SEPT. 1990
CHECKED:	
AMG DATUM REFERENCE:	DUNDAS & SELINA

HENTY PROJECT
64350 N.
FACTUAL GEOLOGY
GOLD ASSAYS
GEOLOGICAL INTERPRETATION

BASE PLAN No. | OVERLAY PLAN No. | SCALE: 1:1000 | FIGURE No. 10.

5 cm

285

RGC EXPLORATION PTY. LIMITED

517296

[redacted]

E.L. 9/66

HENTY PROJECT

ANNUAL REPORT 1988-89

VOLUME 2

90-3094 V2/2
MINES
File Ref. EL 9/66
Folio 41
ON FILE
REFERS

Report No: T/90/3

July, 1989.

286

WEST

EAST

79800m E.

80000m E.

80200m E.

80400m E.

2600m R.L.

2400m R.L.

2200m R.L.

2000m R.L.

1800m R.L.

RIVER (CREEK?)

AD

HENTY RIVER

ROAD

CREEK

ROAD

HP072

HP067

HP068

HP009

HP017

HP026

A

B

AS

F

CF1

CF2

CF3

HENTY FAULT

€c

€tt

€tl

€On

€tc

LEGEND

ROCK UNITS

Geology Code

// NO CORE

CENTRAL SEQUENCE (CV)
(HANGING WALL VOLCANICS)

- HW/ UNDIFFERENTIATED
- HWW WEATHERED
- HWF PREDOMINANTLY FELSIC
- HWm PREDOMINANTLY MAFIC
- HWV MIXED FELSIC & MAFIC
- HWB STRONGLY BROKEN
- HWS SHEARED

HENTY FAULT ZONE (HF)

- FZ MYLONITE AND PUG
- FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

- LV UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
- LQ QUARTZ-PHYRIC VOLCANICLASTICS
- LF FELDSPAR-PHYRIC VOLCANICLASTICS
- LM MAFIC/INTERMEDIATE VOLCANIC
- LB BLOCKY VOLCANICLASTICS
- LC COARSE-GRAINED VOLCANICLASTICS
- LV FINE-GRAINED VOLCANOCLASTICS
- LA POORLY SORTED ASHY VOLCANICLASTICS
- LU MIXED VOLCANICLASTICS + EPICLASTICS
- LV UNDIFFERENTIATED EPICLASTIC
- UB BLOCKY EPICLASTIC
- UC PEBBLY EPICLASTIC
- UM SANDY EPICLASTIC
- UF SILTY EPICLASTIC
- UV SHALEY EPICLASTIC
- UX BEDDED MIXED EPICLASTICS
- UT CRYSTAL-RICH EPIGLASTIC

QUARTZ PORPHYRY (QP)

- QP QUARTZ PORPHYRY

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- N/ UNDIFFERENTIATED
- NC CONGLOMERATE
- NSA SANDSTONE
- NS SHALE
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MINERALISATION AND ALTERATION

- MZ QUARTZ-SULPHIDE MINERALISATION
- MV INTENSE QUARTZ MINERALISATION
- MP MASSIVE PYRITE
- MS MASSIVE BASE-METAL SULPHIDE
- MA MODERATE TO STRONG ALTERATION
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

STRUCTURAL ZONES

- FP FAULT: BROKEN PUG ZONE
- FR INTENSELY BROKEN ZONE
- QV QUARTZ VEIN

ALTERATION

- A1 STRONG SILICA-SERICITE-PYRITE
- A2 MODERATE SILICA-SERICITE-PYRITE
- A3 WEAK SILICA-SERICITE-PYRITE
- Y QUARTZ-SERICITE
- S SILICA
- R SERICITE
- P PYRITE
- C CARBONATE
- H HEMATITE
- O CHLORITE
- K K-FELDSPAR
- L CLAY
- SR SILICA-SERICITE
- SP SILICA-PYRITE
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- RP SERICITE-PYRITE
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- YC QZ-SER ALTERATION WITH CO_3
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MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

F FOOTWALL FAULT - PUGGY CRUSH ZONES

GEOLOGICAL CONTACT

CF 2 GEOLOGICAL CONTACT ALONG FAULT

ENVELOPE OF PYRITIC ALTERATION

QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)

AS INTENSE SILICIFICATION

LL CARBONATE ZONE

NOTES:

● Drill hole intersection through section

1cm = 10 g/t

5172/96A.

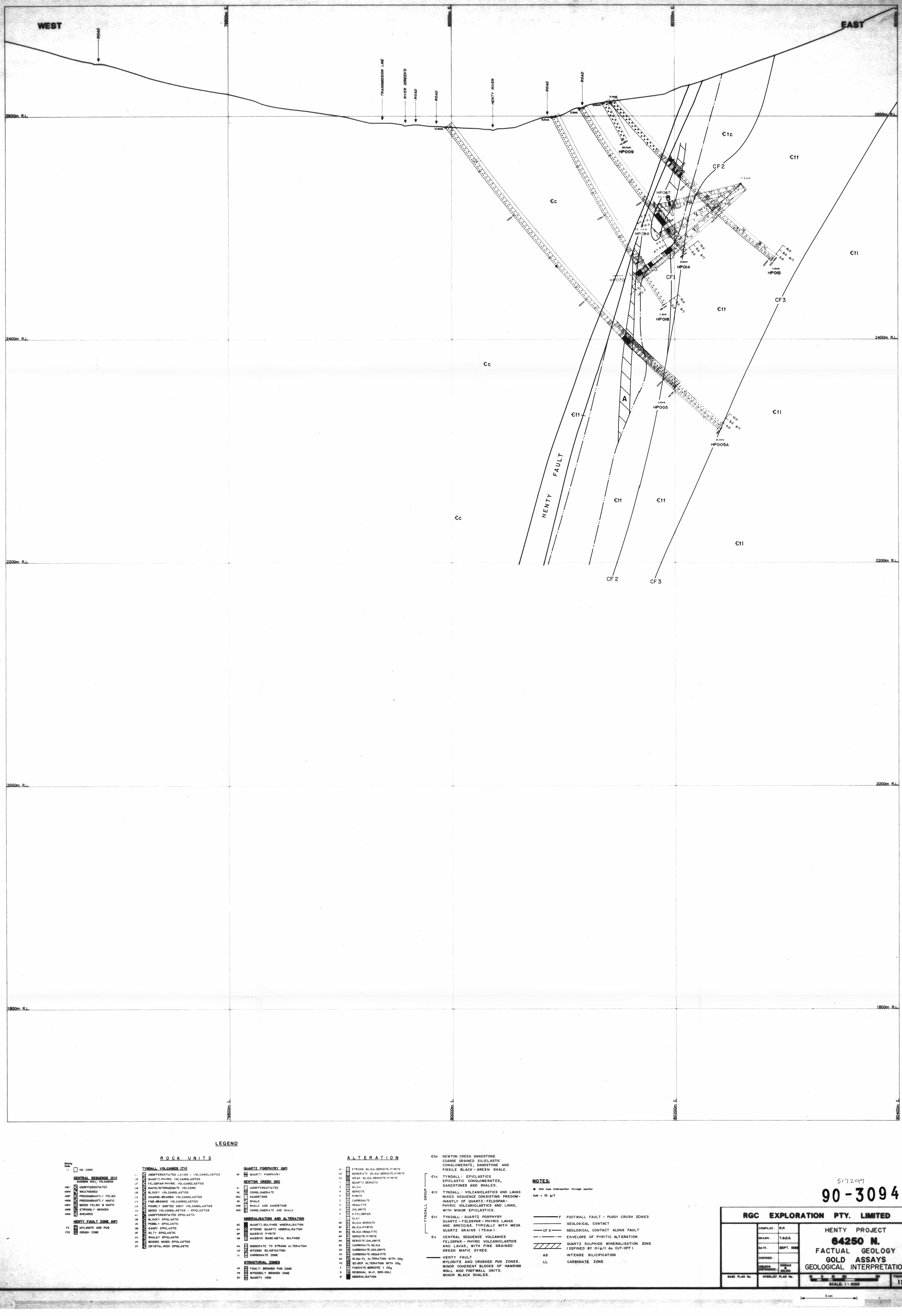
90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.	HENTY PROJECT
DRAWN:	T.G.D.S.	**64300 N.**
DATE:	SEPT. 1988	FACTUAL GEOLOGY
CHECKED:		**GOLD ASSAYS**
1:25,000 REFERENCE:	DUNDAS & SELINA	GEOLOGICAL INTERPRETATION

BASE PLAN No. | OVERLAY PLAN No. | SCALE: 1:1000 (10 0 10 20 30) | FIGURE No. 11.

5 cm



LEGEND

ROCK UNITS

Geolog Code // — NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

- HW/ — UNDIFFERENTIATED
- HWW — WEATHERED
- HWF — PREDOMINANTLY FELSIC
- HWM — PREDOMINANTLY MAFIC
- HWV — MIXED FELSIC & MAFIC
- HWB — STRONGLY BROKEN
- HWS — SHEARED

HENTY FAULT ZONE (HF)

- FZ — MYLONITE AND PUG
- FZC — CRUSH ZONE

TYNDALL VOLCANICS (TV)

- L/ — UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
- LQ — QUARTZ-PHYRIC VOLCANCLASTICS
- LF — FELDSPAR-PHYRIC VOLCANICLASTICS
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- LC — COARSE-GRAINED VOLCANICLASTICS
- LV — FINE-GRAINED VOLCANOCLASTICS
- LA — POORLY SORTED ASHY VOLCANICLASTICS
- LU — MIXED VOLCANICLASTICS + EPICLASTICS
- U/ — UNDIFFERENTIATED EPICLASTIC
- UB — BLOCKY EPICLASTIC
- UC — PEBBLY EPICLASTIC
- UM — SANDY EPICLASTIC
- UF — SILTY EPIGLASTIC
- UV — SHALEY EPIGLASTIC
- UX — BEDDED MIXED EPICLASTICS
- UT — CRYSTAL-RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

- QP — QUARTZ PORPHYRY

NEWTON CREEK (NC)

- N/ — UNDIFFERENTIATED
- NC — CONGLOMERATE
- NSA — SANDSTONE
- NS — SHALE
- NSS — SHALE AND SANDSTONE
- NCS — CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

- MZ — QUARTZ-SULPHIDE MINERALISATION
- MV — INTENSE QUARTZ MINERALISATION
- MP — MASSIVE PYRITE
- MS — MASSIVE BASE-METAL SULPHIDE
- MA — MODERATE TO STRONG ALTERATION
- AS — INTENSE SILICIFICATION
- LL — CARBONATE ZONE

STRUCTURAL ZONES

- FP — FAULT: BROKEN PUG ZONE
- FB — INTENSELY BROKEN ZONE
- QV — QUARTZ VEIN

ALTERATION

- A1 — STRONG SILICA-SERICITE-PYRITE
- A2 — MODERATE SILICA-SERICITE-PYRITE
- A3 — WEAK SILICA-SERICITE-PYRITE
- Y — QUARTZ-SERICITE
- S — SILICA
- P — SERICITE
- P — PYRITE
- C — CARBONATE
- H — HEMATITE
- O — CHLORITE
- K — K-FELDSPAR
- L — CLAY
- SR — SILICA-SERICITE
- SP — SILICA-PYRITE
- SH — SILICA-HEMATITE
- RP — SERICITE-PYRITE
- RC — SERICITE-CHLORITE
- SC — CARBONATE-SILICA
- CO — CARBONATE-CHLORITE
- CH — CARBONATE-HEMATITE
- AC — Si-Ser-Py ALTERATION WITH CO_3
- YC — QZ-SER ALTERATION WITH CO_3
- F — FUSCHITE-SERICITE ± CO_3
- B — REGIONAL (K-F; SER-CHL)
- M — MINERALISATION

TYNDALL GROUP

- €On — NEWTON CREEK SANDSTONE COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK-GREEN SHALE.
- €tc — TYNDALL: EPICLASTICS EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.
- €tt — TYNDALL: VOLCANICLASTICS AND LAVAS MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.
- €tl — TYNDALL: QUARTZ PORPHYRY QUARTZ-FELDSPAR-PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).
- €c — CENTRAL SEQUENCE VOLCANICS FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.
- HENTY FAULT MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section

1cm = 10 g/t

- F — FOOTWALL FAULT - PUGGY CRUSH ZONES
- GEOLOGICAL CONTACT
- CF 2 — GEOLOGICAL CONTACT ALONG FAULT
- ENVELOPE OF PYRITIC ALTERATION
- QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)
- AS — INTENSE SILICIFICATION
- LL — CARBONATE ZONE

S172997

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.
DRAWN:	T.G.D.S.
DATE:	SEPT. 1988
CHECKED:	
1:50,000 REFERENCE:	DUNDAS & SELINA

HENTY PROJECT

64250 N.

FACTUAL GEOLOGY

GOLD ASSAYS

GEOLOGICAL INTERPRETATION

BASE PLAN No. | OVERLAY PLAN No. | SCALE: 1:1000 (10 0 10 20 50) | FIGURE No. 12.

5 cm

WEST

EAST

79800m E.

80000m E.

80200m E.

80400m E.

2600m R.L.

2400m R.L.

2200m R.L.

2000m R.L.

1800m R.L.

ROAD

TRANSMISSION LINE

CREEK

ROAD

HENTY RIVER

ROAD

€c

€tc

€On

€tt

€tl

HP061 21.4mN

HP063 19.8mN

HP065 17.6mN

HP066 20.5mN

84.0mN

A

B

CF1

CF2

CF3

AS

HP028

HENTY FAULT

LEGEND

ROCK UNITS

Geolog Code

// NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

HW/ UNDIFFERENTIATED
HWW WEATHERED
HWF PREDOMINANTLY FELSIC
HWM PREDOMINANTLY MAFIC
HWV MIXED FELSIC & MAFIC
HWB STRONGLY BROKEN
HWS SHEARED

HENTY FAULT ZONE (HF)

FZ MYLONITE AND PUG
FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

L/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
LQ QUARTZ-PHYRIC VOLCANICLASTICS
LF FELDSPAR-PHYRIC VOLCANICLASTICS
LM MAFIC/INTERMEDIATE VOLCANIC
LB BLOCKY VOLCANICLASTICS
LC COARSE-GRAINED VOLCANICLASTICS
LV FINE-GRAINED VOLCANOCLASTICS
LA POORLY SORTED ASHY VOLCANICLASTICS
LU MIXED VOLCANICLASTICS + EPICLASTICS
U/ UNDIFFERENTIATED EPICLASTIC
UB BLOCKY EPICLASTIC
UC PEBBLY EPICLASTIC
UN SANDY EPICLASTIC
UF SILTY EPICLASTIC
UV SHALEY EPICLASTIC
UX BEDDED MIXED EPICLASTICS
UT CRYSTAL-RICH EPICLASTIC

QUARTZ PORIPHYRY (QP)

QP QUARTZ PORPHYRY

NEWTON CREIEK (NC)

N/ UNDIFFERENTIATED
NC CONGLOMERATE
NSA SANDSTONE
NS SHALE
NSS SHALE AND SANDSTONE
NGS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

MZ QUARTZ-SULPHIDE MINERALISATION
MV INTENSE QUARTZ MINERALISATION
MP MASSIVE PYRITE
MS MASSIVE BASE-METAL SULPHIDE

MA MODERATE TO STRONG ALTERATION
AS INTENSE SILICIFICATION
LL CARBONATE ZONE

STRUCTURAL ZONES

FP FAULT: BROKEN PUG ZONE
FB INTENSELY BROKEN ZONE
QV QUARTZ VEIN

ALTERATION

A1 STRONG SILICA-SERICITE-PYRITE
A2 MODERATE SILICA-SERICITE-PYRITE
A3 WEAK SILICA-SERICITE-PYRITE
Y QUARTZ-SERICITE
S SILICA
R SERICITE
P PYRITE
C CARBONATE
H HEMATITE
O CHLORITE
K K-FELDSPAR
L CLAY
SR SILICA-SERICITE
SP SILICA-PYRITE
SH SILICA-HEMATITE
RP SERICITE-PYRITE
RO SERICITE-CHLORITE
SC CARBONATE-SILICA
CO CARBONATE-CHLORITE
CH CARBONATE-HEMATITE
AC Si-Ser-Py ALTERATION WITH CO_3
YC Q2-SER ALTERATION WITH CO_3
F FUSCHITE-SERICITE ? CO_3
G REGIONAL (K-F; SER-CHL)
M MINERALISATION

TYNDALL GROUP

€On NEWTON CREEK SANDSTONE
COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK-GREEN SHALE.

€tc TYNDALL: EPICLASTICS
EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.

€tt TYNDALL: VOLCANICLASTICS AND LAVAS
MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.

€tl TYNDALL: QUARTZ PORPHYRY
QUARTZ-FELDSPAR-PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).

€c CENTRAL SEQUENCE VOLCANICS
FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT
MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section

1cm = 10 g/t

F FOOTWALL FAULT - PUGGY CRUSH ZONES
GEOLOGICAL CONTACT
CF 2 GEOLOGICAL CONTACT ALONG FAULT
ENVELOPE OF PYRITIC ALTERATION
QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0.1g/t Au CUT-OFF)
AS INTENSE SILICIFICATION
LL CARBONATE ZONE

517298

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.	HENTY PROJECT
DRAWN:	T.G.D.S.	64200 N.
DATE:	SEPT. 1990	FACTUAL GEOLOGY
CHECKED:		GOLD ASSAYS
1:20,000 REFERENCE:	DUNDAS & SELINA	GEOLOGICAL INTERPRETATION

BASE PLAN No. | OVERLAY PLAN No. | SCALE: 1:1000 (10 0 10 20 50) | FIGURE No. 13.

5 cm

10357

WEST

EAST

7980Om E.

80000m E.

80200m E.

80400m E.

2600m R.L.

2400m R.L.

2200m R.L.

2000m R.L.

1800m R.L.

ROAD

TRANSMISSION LINE

CREEK

ROAD

ROAD

ROAD

HENTY RIVER

ROAD

HP021

HP004

HP004A

HP044

HP008

HP032

HP027

HP019

HP031

HP013

HP013A

CF1

CF2

CF3

F

HENTY FAULT

A

B

€c

€tc

€tt

€On

€tl

LEGEND

ROCK UNITS

Geolog Code

// NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

HW/ UNDIFFERENTIATED
HWW WEATHERED
HWF PREDOMINANTLY FELSIC
HWM PREDOMINANTLY MAFIC
HWV MIXED FELSIC & MAFIC
HWB STRONGLY BROKEN
HWS SHEARED

HENTY FAULT ZONE (HF)

FZ MYLONITE AND PUG
FZG CRUSH ZONE

TYNDALL VOLCANICS (TV)

L/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
LQ QUARTZ-PHYRIC VOLCANICLASTICS
LF FELDSPAR-PHYRIC VOLCANICLASTICS
LM MAFIC/INTERMEDIATE VOLCANIC
LB BLOCKY VOLCANICLASTICS
LG COARSE-GRAINED VOLCANICLASTICS
LV FINE-GRAINED VOLCANOCLASTICS
LA POORLY SORTED ASHY VOLCANICLASTICS
LU MIXED VOLCANICLASTICS + EPICLASTICS
U/ UNDIFFERENTIATED EPICLASTIC
UB BLOCKY EPICLASTIC
UC PEBBLY EPICLASTIC
UM SANDY EPICLASTIC
UF SILTY EPICLASTIC
UV SHALEY EPICLASTIC
UX BEDDED MIXED EPICLASTICS
UT CRYSTAL-RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

N/ UNDIFFERENTIATED
NC CONGLOMERATE
NSA SANDSTONE
NS SHALE
NSS SHALE AND SANDSTONE
NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

MZ QUARTZ-SULPHIDE MINERALISATION
MV INTENSE QUARTZ MINERALISATION
MP MASSIVE PYRITE
MS MASSIVE BASE-METAL SULPHIDE
MA MODERATE TO STRONG ALTERATION
AS INTENSE SILICIFICATION
LL CARBONATE ZONE

STRUCTURAL ZONES

FP FAULT: BROKEN PUG ZONE
FR INTENSELY BROKEN ZONE
QV QUARTZ VEIN

ALTERATION

A1 STRONG SILICA-SERICITE-PYRITE
A2 MODERATE SILICA-SERICITE-PYRITE
A3 WEAK SILICA-SERICITE-PYRITE
Y QUARTZ-SERICITE
S SILICA
R SERICITE
P PYRITE
C CARBONATE
H HEMATITE
O CHLORITE
K K-FELDSPAR
L CLAY
SR SILICA-SERICITE
SP SILICA-PYRITE
SH SILICA-HEMATITE
RP SERICITE-PYRITE
RO SERICITE-CHLORITE
SC CARBONATE-SILICA
CO CARBONATE-CHLORITE
CH CARBONATE-HEMATITE
AC Si-Ser-Py ALTERATION WITH CO_3
YC Q2-SER ALTERATION WITH CO_3
F FUSCHITE-SERICITE ± CO_3
G REGIONAL (K-F, SER-CHL)
M MINERALISATION

TYNDALL GROUP

€On NEWTON CREEK SANDSTONE
COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK - GREEN SHALE.

€tc TYNDALL : EPICLASTICS
EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.

€tt TYNDALL : VOLCANICLASTICS AND LAVAS
MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.

€tl TYNDALL : QUARTZ PORPHYRY
QUARTZ - FELDSPAR - PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).

€c CENTRAL SEQUENCE VOLCANICS
FELDSPAR - PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT
MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section

1cm = 10 g/t

F FOOTWALL FAULT - PUGGY CRUSH ZONES
GEOLOGICAL CONTACT
CF 2 GEOLOGICAL CONTACT ALONG FAULT
ENVELOPE OF PYRITIC ALTERATION
QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)
AS INTENSE SILICIFICATION
LL CARBONATE ZONE

517299

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED: R.R.
DRAWN: T.S.D.S.
DATE: SEPT. 1988
CHECKED:
1:25,000 REFERENCE: DUNDAS & SELINA

HENTY PROJECT
64150 N.
FACTUAL GEOLOGY
GOLD ASSAYS
GEOLOGICAL INTERPRETATION

BASE PLAN No.
OVERLAY PLAN No.
SCALE: 1:1000
FIGURE No. 14.

5 cm

10358

WEST

EAST

ROAD

CREEK

TRANSMISSION LINE

CREEK

HENTY RIVER

ROAD

ROAD

2600m R.L.

2400m R.L.

2200m R.L.

2000m R.L.

1800m R.L.

7800m E.

8000m E.

8200m E.

8400m E.

€tc

€tc

€tc

CF2

€tt

CF3

€c

€tc

€On

€tl

F

HP033

HP004A

HP004

CF1

€tc

CF2

CF3

€tt

€tt

HP021

€tt

€tt

HENTY FAULT

A

B

€c

€c

LEGEND

ROCK UNITS

Geology Code

// NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

HW/ UNDIFFERENTIATED

HWW WEATHERED

HWF PREDOMINANTLY FELSIC

HWM PREDOMINANTLY MAFIC

HWV MIXED FELSIC & MAFIC

HWB STRONGLY BROKEN

HWS SHEARED

HENTY FAULT ZONE (HF)

FZ MYLONITE AND PUG

FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

L/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS

LQ QUARTZ-PHYRIC VOLCANICLASTICS

LF FELDSPAR-PHYRIC VOLCANICLASTICS

LM MAFIC/INTERMEDIATE VOLCANIC

LB BLOCKY VOLCANICLASTICS

LC COARSE-GRAINED VOLCANICLASTICS

LV FINE-GRAINED VOLCANICLASTICS

LA POORLY SORTED ASHY VOLCANICLASTICS

LU MIXED VOLCANICLASTICS + EPICLASTICS

U/ UNDIFFERENTIATED EPICLASTIC

UB BLOCKY EPICLASTIC

UC PEBBLY EPICLASTIC

UM SANDY EPICLASTIC

UF SILTY EPICLASTIC

UV SHALEY EPICLASTIC

UX BEDDED MIXED EPICLASTICS

UT CRYSTAL-RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

N/ UNDIFFERENTIATED

NC CONGLOMERATE

NSA SANDSTONE

NS SHALE

NSS SHALE AND SANDSTONE

NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

MZ QUARTZ-SULPHIDE MINERALISATION

MV INTENSE QUARTZ MINERALISATION

MP MASSIVE PYRITE

MS MASSIVE BASE-METAL SULPHIDE

MA MODERATE TO STRONG ALTERATION

AS INTENSE SILICIFICATION

LL CARBONATE ZONE

STRUCTURAL ZONES

FP FAULT: BROKEN PUG ZONE

FB INTENSELY BROKEN ZONE

QV QUARTZ VEIN

ALTERATION

A/ STRONG SILICA-SERICITE-PYRITE

A2 MODERATE SILICA-SERICITE-PYRITE

A3 WEAK SILICA-SERICITE-PYRITE

Y QUARTZ-SERICITE

S SILICA

R SERICITE

P PYRITE

C CARBONATE

H HEMATITE

O CHLORITE

K K-FELDSPAR

L CLAY

SR SILICA-SERICITE

SP SILICA-PYRITE

SH SILICA-HEMATITE

RP SERICITE-PYRITE

RO SERICITE-CHLORITE

BC CARBONATE-SILICA

QO CARBONATE-CHLORITE

CH CARBONATE-HEMATITE

AC Si-Ser-Py ALTERATION WITH CO_3

YC QZ-SER ALTERATION WITH CO_3

F FUSCHITE-SERICITE ± CO_3

R REGIONAL (K-F, SER-CHL)

M MINERALISATION

€On NEWTON CREEK SANDSTONE COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK-GREEN SHALE.

TYNDALL GROUP

€tc TYNDALL : EPICLASTICS EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.

€tt TYNDALL : VOLCANICLASTICS AND LAVAS MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.

€tl TYNDALL : QUARTZ PORPHYRY QUARTZ-FELDSPAR-PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).

€c CENTRAL SEQUENCE VOLCANICS FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section

1cm = 10 g/t

F FOOTWALL FAULT - PUGGY CRUSH ZONES

GEOLOGICAL CONTACT

CF 2 GEOLOGICAL CONTACT ALONG FAULT

ENVELOPE OF PYRITIC ALTERATION

QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)

AS INTENSE SILICIFICATION

LL CARBONATE ZONE

517300

90-3094 I

RGC EXPLORATION PTY. LIMITED

COMPILED: R.R.

DRAWN: T.G.B.S.

DATE: SEPT. 1990

CHECKED:

GRID REFERENCE: DUBBAS & SILIKA

HENTY PROJECT

64100 N.

FACTUAL GEOLOGY

GOLD ASSAYS

GEOLOGICAL INTERPRETATION

BASE PLAN No.

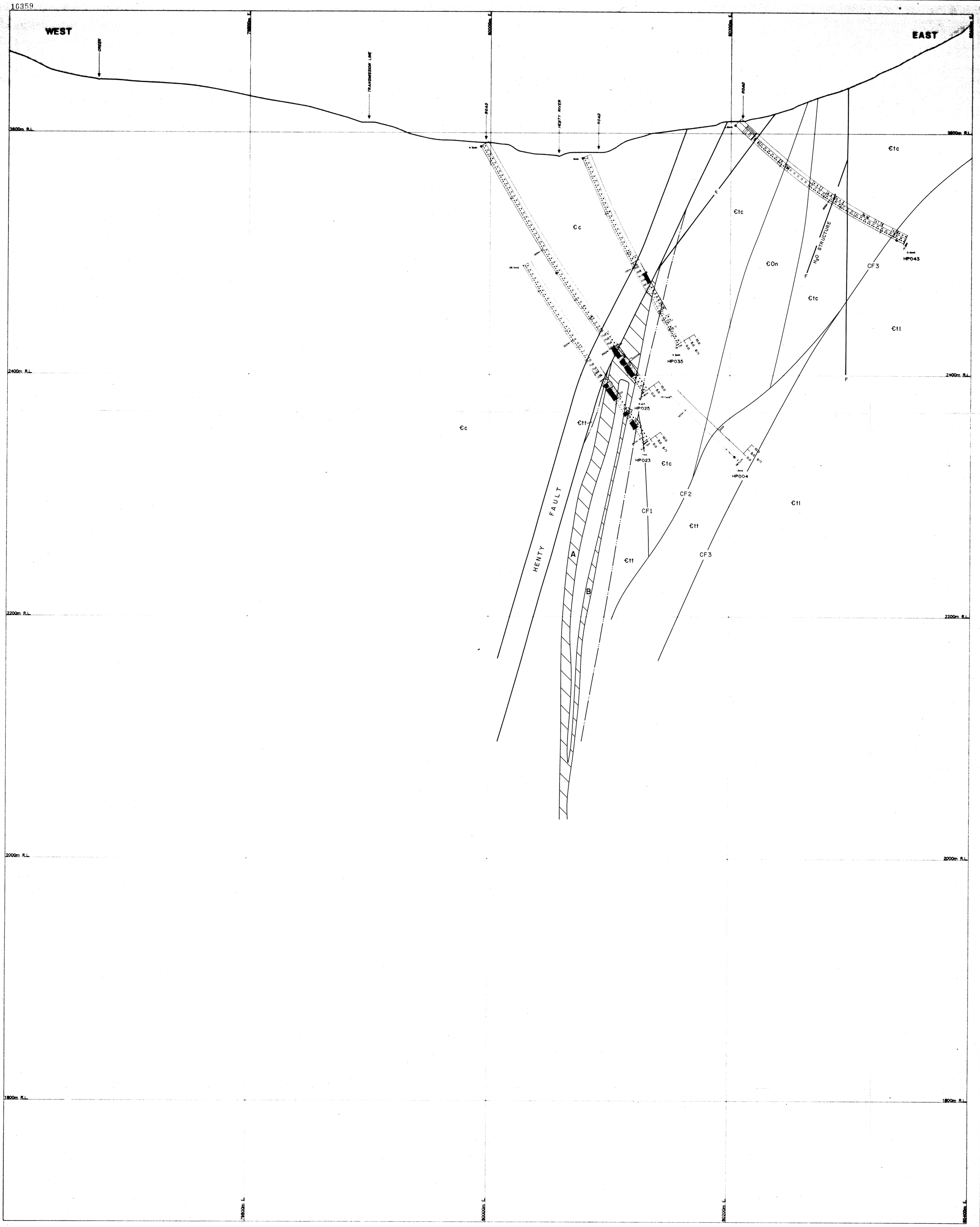
OVERLAY PLAN No.

SCALE: 1:1000

FIGURE No. 15

5 cm

10359



LEGEND

ROCK UNITS

Bedding Code // — NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

- HW/ UNDIFFERENTIATED
- HWW WEATHERED
- HWF PREDOMINANTLY FELSIC
- HWM PREDOMINANTLY MAFIC
- HWV MIXED FELSIC & MAFIC
- HWB STRONGLY BROKEN
- HWS SHEARED

HENTY FAULT ZONE (HF)

- FZ MYLONITE AND PUG
- FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

- L/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
- LQ QUARTZ-PHYRIC VOLCANICLASTICS
- LF FELDSPAR-PHYRIC VOLCANICLASTICS
- LM MAFIC/INTERMEDIATE VOLCANIC
- LB BLOCKY VOLCANICLASTICS
- LC COARSE-GRAINED VOLCANICLASTICS
- LV FINE-GRAINED VOLCANOCLASTICS
- LA POORLY SORTED ASHY VOLCANICLASTICS
- LU MIXED VOLCANICLASTICS + EPICLASTICS
- U/ UNDIFFERENTIATED EPICLASTIC
- UB BLOCKY EPICLASTIC
- UC PEBBLY EPICLASTIC
- UM SANDY EPICLASTIC
- UF SILTY EPICLASTIC
- UV SHALEY EPICLASTIC
- UX BEDDED MIXED EPICLASTICS
- UT CRYSTAL-RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

- QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

- N/ UNDIFFERENTIATED
- NC CONGLOMERATE
- NSA SANDSTONE
- NS SHALE
- NSS SHALE AND SANDSTONE
- NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

- M2 QUARTZ-SULPHIDE MINERALISATION
- MV INTENSE QUARTZ MINERALISATION
- MP MASSIVE PYRITE
- MB MASSIVE BASE-METAL SULPHIDE
- MA MODERATE TO STRONG ALTERATION
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

STRUCTURAL ZONES

- FP FAULT- BROKEN PUG ZONE
- FR INTENSELY BROKEN ZONE
- QV QUARTZ VEIN

ALTERATION

- AI STRONG SILICA-SERICITE-PYRITE
- A2 MODERATE SILICA-SERICITE-PYRITE
- A3 WEAK SILICA-SERICITE-PYRITE
- Y QUARTZ-SERICITE
- S SILICA
- R SERICITE
- P PYRITE
- C CARBONATE
- H HEMATITE
- O CHLORITE
- K K-FELDSPAR
- L CLAY
- SR SILICA-SERICITE
- SP SILICA-PYRITE
- SH SILICA-HEMATITE
- RP SERICITE-PYRITE
- RO SERICITE-CHLORITE
- SC CARBONATE-SILICA
- CO CARBONATE-CHLORITE
- CH CARBONATE-HEMATITE
- AE Si-Ser-Py ALTERATION WITH CO_2
- YC QZ-SER ALTERATION WITH CO_2
- F FUSCHITE-SERICITE ± CO_2
- B REGIONAL (K-F, SER-CHL)
- M MINERALISATION

TYNDALL GROUP

- €On NEWTON CREEK SANDSTONE COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK-GREEN SHALE.
- €tc TYNDALL: EPICLASTICS EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.
- €tt TYNDALL: VOLCANICLASTICS AND LAVAS MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.
- €tl TYNDALL: QUARTZ PORPHYRY QUARTZ-FELDSPAR-PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).
- €c CENTRAL SEQUENCE VOLCANICS FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT — MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section

1cm = 10 g/t

- F — FOOTWALL FAULT - PUGGY CRUSH ZONES
- GEOLOGICAL CONTACT
- CF 2 — GEOLOGICAL CONTACT ALONG FAULT
- ENVELOPE OF PYRITIC ALTERATION
- QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

517301

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED	R.R.
DRAWN	T.G.D.S.
DATE	SEPT. 1990
CHECKED	
1:25,000 REFERENCE	DUNDAS & SELINA

HENTY PROJECT

64050 N.

FACTUAL GEOLOGY

GOLD ASSAYS

GEOLOGICAL INTERPRETATION

BASE PLAN No. | OVERLAY PLAN No. | SCALE: 1:1000 | FIGURE No. 16.

5 cm

10360

WEST

EAST

ROAD

ROAD

ROAD

TRANSMISSION LINE

ROAD

HENTY RIVER

ROAD

F

H_2O STRUCTURE

F

F

2800m R.L.

2400m R.L.

2200m R.L.

2000m R.L.

1800m R.L.

7980Om E.

80000m E.

80200m E.

80400m E.

HP012A

HP012

HP023

HFZII

HP007

A

B

AS

CF1

CF2

CF3

HENTY FAULT

€tc

€On

€tt

€tl

€c

LEGEND

ROCK UNITS

NO CORE

CENTRAL SEQUENCE (CV) DIAMOND WALL VOLCANICS

- UNDIFFERENTIATED
- WEATHERED
- PREDOMINANTLY FELSIC
- PREDOMINANTLY MAFIC
- MIXED FELSIC & MAFIC
- STRONGLY BROKEN
- SHEARED

HENTY FAULT ZONE (HF)

- MYLONITE AND PUG CRUSH ZONE

TYNDALL VOLCANICS (TV)

- UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
- QUARTZ-PHYRIC VOLCANICLASTICS
- FELDSPAR-PHYRIC VOLCANICLASTICS
- MAFIC/INTERMEDIATE VOLCANIC
- BLOCKY VOLCANICLASTICS
- COARSE-GRAINED VOLCANICLASTICS
- FINE-GRAINED VOLCANOCLASTICS
- POORLY SORTED ASHY VOLCANICLASTICS
- MIXED VOLCANICLASTICS + EPICLASTICS
- UNDIFFERENTIATED EPICLASTIC
- BLOCKY EPICLASTIC
- PEBBLY EPICLASTIC
- SANDY EPICLASTIC
- SILTY EPICLASTIC
- SHALEY EPICLASTIC
- BEDDED MIXED EPICLASTICS
- CRYSTAL-RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

- QUARTZ PORPHYRY

NEWTON CREEK (NC)

- UNDIFFERENTIATED
- CONGLOMERATE
- SANDSTONE
- SHALE
- SHALE AND SANDSTONE
- CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

- QUARTZ-SULPHIDE MINERALISATION
- INTENSE QUARTZ MINERALISATION
- MASSIVE PYRITE
- MASSIVE BASE-METAL SULPHIDE
- MODERATE TO STRONG ALTERATION
- INTENSE SILICIFICATION
- CARBONATE ZONE

STRUCTURAL ZONES

- FAULT: BROKEN PUG ZONE
- INTENSELY BROKEN ZONE
- QUARTZ VEIN

ALTERATION

- STRONG SILICA-SERICITE-PYRITE
- MODERATE SILICA-SERICITE-PYRITE
- WEAK SILICA-SERICITE-PYRITE
- QUARTZ-SERICITE
- SILICA
- SERICITE
- PYRITE
- CARBONATE
- HEMATITE
- CHLORITE
- K-FELDSPAR
- CLAY
- SILICA-SERICITE
- SILICA-PYRITE
- SILICA-HEMATITE
- SERICITE-PYRITE
- SERICITE-CHLORITE
- CARBONATE-SILICA
- CARBONATE-CHLORITE
- CARBONATE-HEMATITE
- Si-Ser-Py ALTERATION WITH CO_3
- QZ-SER ALTERATION WITH CO_3
- FUSCHITE-SERICITE ± CO_3
- REGIONAL (K-F; SER-CHL)
- MINERALISATION

TYNDALL GROUP

- €On NEWTON CREEK SANDSTONE COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK - GREEN SHALE.
- €tc TYNDALL: EPICLASTICS EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.
- €tl TYNDALL: VOLCANICLASTICS AND LAVAS MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.
- €tl TYNDALL: QUARTZ PORPHYRY QUARTZ - FELDSPAR - PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).
- €c CENTRAL SEQUENCE VOLCANICS FELDSPAR - PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT
MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section

1cm = 10 g/t

- F — FOOTWALL FAULT - PUGGY CRUSH ZONES
- GEOLOGICAL CONTACT
- CF 2 — GEOLOGICAL CONTACT ALONG FAULT
- ENVELOPE OF PYRITIC ALTERATION
- QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)
- AS — INTENSE SILICIFICATION
- LL — CARBONATE ZONE

517302

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.
DRAWN	T.G.D.S.
DATE:	SEPT. 1990
CHECKED:	
1:25,000 PREFERENCE:	DUNBAR & SELWAY

HENTY PROJECT

64000 N.

FACTUAL GEOLOGY

GOLD ASSAYS

GEOLOGICAL INTERPRETATION

BASE PLAN No. | OVERLAY PLAN No.

SCALE: 1:1000

FIGURE No. 17.

5 cm

10361

WEST

EAST

79800m E.

80000m E.

80200m E.

80400m E.

2800m R.L.

ROAD

TRANSMISSION LINE

ACCESS ROAD

HENTY RIVER

HP 47 & 47A

HP001

HP012

HP012A

HP041

H_2O STRUCTURE

HENTY FAULT

A

B

CF1

CF3

€c

€tc

€tt

€tl

€On

2400m R.L.

2200m R.L.

2000m R.L.

1800m R.L.

LEGEND

ROCK UNITS

Coding Code // — NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

- HW/ — UNDIFFERENTIATED
- HWW — WEATHERED
- HWF — PREDOMINANTLY FELSIC
- HWM — PREDOMINANTLY MAFIC
- HWV — MIXED FELSIC & MAFIC
- HWB — STRONGLY BROKEN
- HWS — SHEARED

HENTY FAULT ZONE (HF)

- FZ — MYLONITE AND PUG
- FZC — CRUSH ZONE

TYNDALL VOLCANICS (TV)

- L/ — UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
- LQ — QUARTZ-PHYRIC VOLCANICLASTICS
- LF — FELDSPAR-PHYRIC VOLCANICLASTICS
- LM — MAFIC/INTERMEDIATE VOLCANIC
- LB — BLOCKY VOLCANICLASTICS
- LC — COARSE-GRAINED VOLCANICLASTICS
- LV — FINE-GRAINED VOLCANOCLASTICS
- LA — POORLY SORTED ASHY VOLCANICLASTICS
- LU — MIXED VOLCANICLASTICS + EPICLASTICS
- U/ — UNDIFFERENTIATED EPICLASTIC
- UB — BLOCKY EPICLASTIC
- UC — PEBBLY EPICLASTIC
- UM — SANDY EPICLASTIC
- UF — SILTY EPICLASTIC
- UV — SHALEY EPICLASTIC
- UX — BEDDED MIXED EPICLASTICS
- UT — CRYSTAL-RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

- QP — QUARTZ PORPHYRY

NEWTON CREEK (NC)

- N/ — UNDIFFERENTIATED
- NC — CONGLOMERATE
- NSA — SANDSTONE
- NS — SHALE
- NSS — SHALE AND SANDSTONE
- NCS — CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

- MZ — QUARTZ-SULPHIDE MINERALISATION
- MV — INTENSE QUARTZ MINERALISATION
- MP — MASSIVE PYRITE
- MB — MASSIVE BASE-METAL SULPHIDE
- MA — MODERATE TO STRONG ALTERATION
- AS — INTENSE SILICIFICATION
- LL — CARBONATE ZONE

STRUCTURAL ZONES

- FP — FAULT: BROKEN PUG ZONE
- FR — INTENSELY BROKEN ZONE
- QV — QUARTZ VEIN

ALTERATION

- A1 — STRONG SILICA-SERICITE-PYRITE
- A2 — MODERATE SILICA-SERICITE-PYRITE
- A3 — WEAK SILICA-SERICITE-PYRITE
- Y — QUARTZ-SERICITE
- S — SILICA
- R — SERICITE
- P — PYRITE
- C — CARBONATE
- H — HEMATITE
- O — CHLORITE
- K — K-FELDSPAR
- L — CLAY
- SR — SILICA-SERICITE
- SP — SILICA-PYRITE
- SH — SILICA-HEMATITE
- RP — SERICITE-PYRITE
- RO — SERICITE-CHLORITE
- SC — CARBONATE-SILICA
- CO — CARBONATE-CHLORITE
- CH — CARBONATE-HEMATITE
- AC — Si-Ser-Py ALTERATION WITH CO_3
- VC — QZ-SER ALTERATION WITH CO_3
- F — FUSCHITE-SERICITE ± CO_3
- B — REGIONAL (K-F, SER-CHL)
- M — MINERALISATION

TYNDALL GROUP

- €On — NEWTON CREEK SANDSTONE COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK-GREEN SHALE.
- €tc — TYNDALL: EPICLASTICS EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.
- €tt — TYNDALL: VOLCANICLASTICS AND LAVAS MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.
- €tl — TYNDALL: QUARTZ PORPHYRY QUARTZ-FELDSPAR-PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).
- €c — CENTRAL SEQUENCE VOLCANICS FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT — MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section

1cm = 10 g/t

- F — FOOTWALL FAULT - PUGGY CRUSH ZONES
- GEOLOGICAL CONTACT
- CF 2 — GEOLOGICAL CONTACT ALONG FAULT
- ENVELOPE OF PYRITIC ALTERATION
- QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)
- AS — INTENSE SILICIFICATION
- LL — CARBONATE ZONE

517303

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.
DRAWN:	T.G.D.S.
DATE:	SEPT. 1990
CHECKED:	
1:50,000 REFERENCE:	DUBBAS & BELSHA

HENTY PROJECT

63950 N.

FACTUAL GEOLOGY

GOLD ASSAYS

GEOLOGICAL INTERPRETATION

BASE PLAN No. | OVERLAY PLAN No. | SCALE: 1:1000 | FIGURE No. 18.

5 cm

16362

WEST

EAST

ROAD

ROAD

ROAD

TRANSMISSION LINE

ACCESS ROAD

HENTY RIVER

ROAD

STRUCTURE

F

F

F

H_2O

HP062

HP042

HP039

HP046

HP040

HP045

HFZ05

HP001

HP047A

HP047

2800m R.L.

2400m R.L.

2200m R.L.

2000m R.L.

1800m R.L.

7960Om E.

80000m E.

80200m E.

80400m E.

€c

€tc

€On

€tl

CF3

CF1

AS

A

B

HENTY FAULT

?

?

?

LEGEND

ROCK UNITS

NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

- HW/ UNDIFFERENTIATED
- HWW WEATHERED
- HWF PREDOMINANTLY FELSIC
- HWM PREDOMINANTLY MAFIC
- HWV MIXED FELSIC & MAFIC
- HWB STRONGLY BROKEN
- HWS SHEARED

HENTY FAULT ZONE (HF)

- FZ MYLONITE AND PUG
- FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

- L/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
- LQ QUARTZ-PHYRIC VOLCANICLASTICS
- LF FELDSPAR-PHYRIC VOLCANICLASTICS
- LM MAFIC/INTERMEDIATE VOLCANIC
- LB BLOCKY VOLCANICLASTICS
- LC COARSE-GRAINED VOLCANICLASTICS
- LV FINE-GRAINED VOLCANOCLASTICS
- LA POORLY SORTED ASHY VOLCANICLASTICS
- LU MIXED VOLCANICLASTICS + EPICLASTICS
- U/ UNDIFFERENTIATED EPICLASTIC
- UB BLOCKY EPICLASTIC
- UC PEBBLY EPICLASTIC
- UM SANDY EPICLASTIC
- UF SILTY EPICLASTIC
- UV SHALEY EPICLASTIC
- UX BEDDED MIXED EPICLASTICS
- UT CRYSTAL-RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

- QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

- N/ UNDIFFERENTIATED
- NC CONGLOMERATE
- NSA SANDSTONE
- NS SHALE
- NSS SHALE AND SANDSTONE
- NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

- MZ QUARTZ-SULPHIDE MINERALISATION
- MV INTENSE QUARTZ MINERALISATION
- MP MASSIVE PYRITE
- MB MASSIVE BASE-METAL SULPHIDE
- MA MODERATE TO STRONG ALTERATION
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

STRUCTURAL ZONES

- FP FAULT; BROKEN PUG ZONE
- FR INTENSELY BROKEN ZONE
- QV QUARTZ VEIN

ALTERATION

- A1 STRONG SILICA-SERICITE-PYRITE
- A2 MODERATE SILICA-SERICITE-PYRITE
- A3 WEAK SILICA-SERICITE-PYRITE
- Y QUARTZ-SERICITE
- S SILICA
- R SERICITE
- P PYRITE
- C CARBONATE
- H HEMATITE
- O CHLORITE
- K K-FELDSPAR
- L CLAY
- SR SILICA-SERICITE
- SP SILICA-PYRITE
- SH SILICA-HEMATITE
- RP SERICITE-PYRITE
- RO SERICITE-CHLORITE
- SC CARBONATE-SILICA
- CO CARBONATE-CHLORITE
- CH CARBONATE-HEMATITE
- AC Si-Ser-Py ALTERATION WITH CO_3
- YC QZ-SER ALTERATION WITH CO_3
- F FUSCHITE-SERICITE ± CO_3
- B REGIONAL (K-F; SER-CHL)
- M MINERALISATION

€On NEWTON CREEK SANDSTONE COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK-GREEN SHALE.

TYNDALL GROUP

- €tc TYNDALL: EPICLASTICS EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.
- €tt TYNDALL: VOLCANICLASTICS AND LAVAS MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.
- €tl TYNDALL: QUARTZ PORPHYRY QUARTZ-FELDSPAR-PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).

€c CENTRAL SEQUENCE VOLCANICS FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section

1cm = 10 g/t

- F FOOTWALL FAULT - PUGGY CRUSH ZONES
- GEOLOGICAL CONTACT
- CF 2 GEOLOGICAL CONTACT ALONG FAULT
- ENVELOPE OF PYRITIC ALTERATION
- QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

517304 - 90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.
DRAWN:	T.B.D.S.
DATE:	SEPT. 1990
CHECKED:	
1:25,000 REFERENCE:	DUNDAS & DELSHA

HENTY PROJECT

63900 N.

FACTUAL GEOLOGY

GOLD ASSAYS

GEOLOGICAL INTERPRETATION

BASE PLAN No.

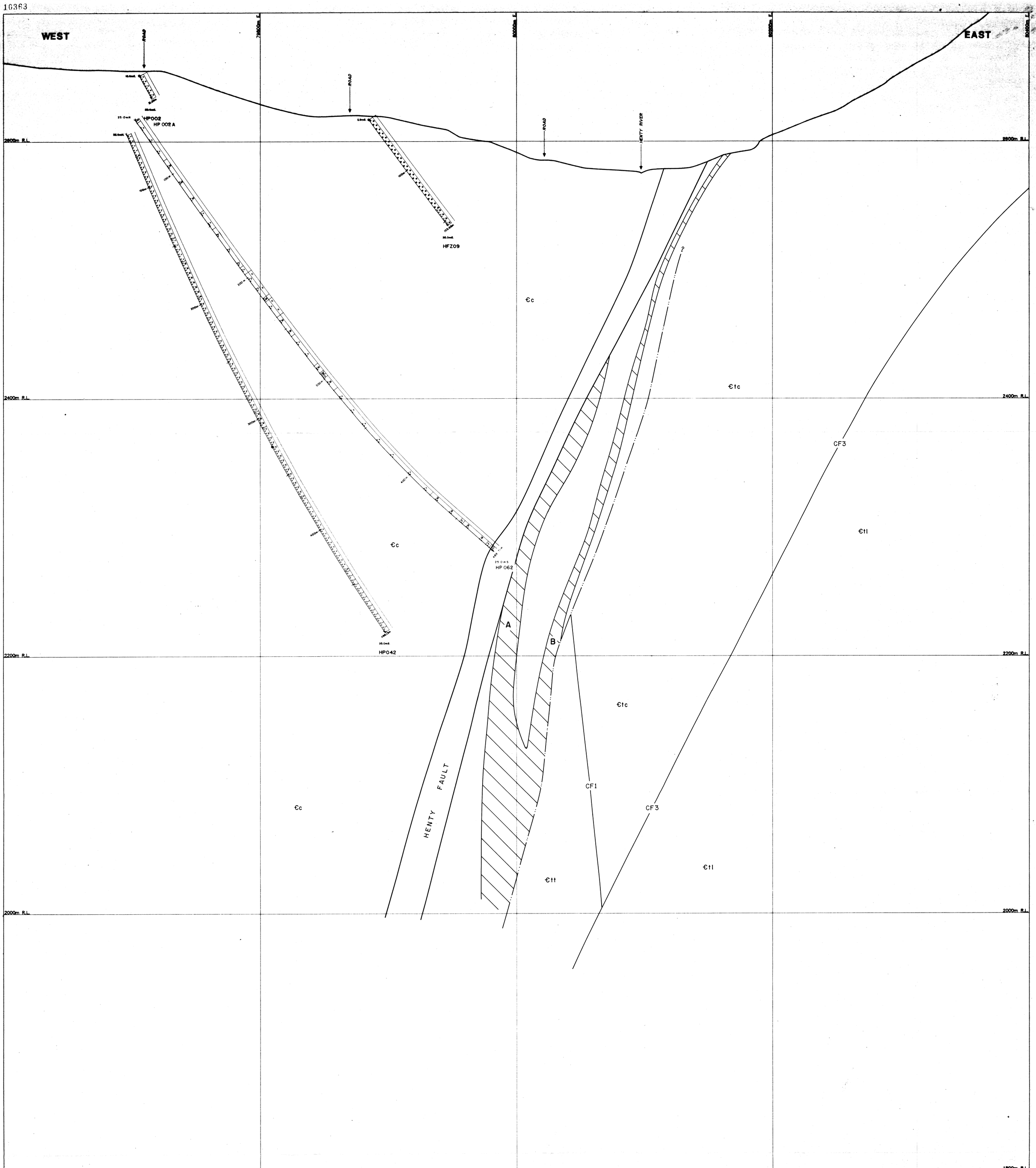
OVERLAY PLAN No.

SCALE: 1:1000

FIGURE No. 19.

5 cm

10363



LEGEND

ROCK UNITS

Geology Code

// NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

- HW/ UNDIFFERENTIATED
- HWW WEATHERED
- HWF PREDOMINANTLY FELSIC
- HWM PREDOMINANTLY MAFIC
- HWV MIXED FELSIC & MAFIC
- HWB STRONGLY BROKEN
- HWS SHEARED

HENTY FAULT ZONE (HF)

- FZ MYLONITE AND PUG
- FZG CRUSH ZONE

TYNDALL VOLCANICS (TV)

- L/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
- LQ QUARTZ-PHYRIC VOLCANICLASTICS
- LF FELDSPAR-PHYRIC VOLCANICLASTICS
- LM MAFIC/INTERMEDIATE VOLCANIC
- LB BLOCKY VOLCANICLASTICS
- LC COARSE-GRAINED VOLCANICLASTICS
- LV FINE-GRAINED VOLCANOCLASTICS
- LA POORLY SORTED ASHY VOLCANICLASTICS
- LU MIXED VOLCANICLASTICS + EPICLASTICS
- U/ UNDIFFERENTIATED EPICLASTIC
- UB BLOCKY EPICLASTIC
- UC PEBBLY EPICLASTIC
- UM SANDY EPICLASTIC
- UF SILTY EPICLASTIC
- UV SHALEY EPICLASTIC
- UX BEDDED MIXED EPICLASTICS
- UT CRYSTAL-RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

- QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

- N/ UNDIFFERENTIATED
- NC CONGLOMERATE
- NSA SANDSTONE
- NS SHALE
- NSS SHALE AND SANDSTONE
- NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

- MZ QUARTZ-SULPHIDE MINERALISATION
- MV INTENSE QUARTZ MINERALISATION
- MP MASSIVE PYRITE
- MS MASSIVE BASE-METAL SULPHIDE
- MA MODERATE TO STRONG ALTERATION
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

STRUCTURAL ZONES

- FP FAULT: BROKEN PUG ZONE
- FR INTENSELY BROKEN ZONE
- QV QUARTZ VEIN

ALTERATION

- Al STRONG SILICA-SERICITE-PYRITE
- AE MODERATE SILICA-SERICITE-PYRITE
- AS WEAK SILICA-SERICITE-PYRITE
- Y QUARTZ-SERICITE
- S SILICA
- R SERICITE
- P PYRITE
- C CARBONATE
- H HEMATITE
- O CHLORITE
- K K-FELDSPAR
- L CLAY
- SR SILICA-SERICITE
- SP SILICA-PYRITE
- SH SILICA-HEMATITE
- RP SERICITE-PYRITE
- RO SERICITE-CHLORITE
- SC CARBONATE-SILICA
- CO CARBONATE-CHLORITE
- CH CARBONATE-HEMATITE
- AC Si-Ser-Py ALTERATION WITH CO_3
- YC QZ-SER ALTERATION WITH CO_3
- F FUSCHITE-SERICITE ± CO_3
- R REGIONAL (K-F; SER-CHL)
- M MINERALISATION

TYNDALL GROUP

- €On NEWTON CREEK SANDSTONE COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK-GREEN SHALE.
- €tc TYNDALL: EPICLASTICS EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.
- €tt TYNDALL: VOLCANICLASTICS AND LAVAS MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.
- €tl TYNDALL: QUARTZ PORPHYRY QUARTZ-FELDSPAR-PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).
- €c CENTRAL SEQUENCE VOLCANICS FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT
MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section

- F FOOTWALL FAULT - PUGGY CRUSH ZONES
- GEOLOGICAL CONTACT
- CF 2 GEOLOGICAL CONTACT ALONG FAULT
- ENVELOPE OF PYRITIC ALTERATION
- QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

517305

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.
DRAWN:	T.G.D.S.
DATE:	SEPT. 1990
CHECKED:	
1:25,000 REFERENCE:	DUNDAS & SELINA

HENTY PROJECT

63850 N.

FACTUAL GEOLOGY

GEOLOGICAL INTERPRETATION

BASE PLAN No. | OVERLAY PLAN No. | SCALE: 1:1000 | FIGURE No. 20.

5 cm

10364

WEST

EAST

79800m E.

80000m E.

80200m E.

80400m E.

2600m R.L.

2400m R.L.

2200m R.L.

2000m R.L.

1800m R.L.

ROAD

ROAD

ROAD

HENTY RIVER

HP002
HP002A

HFZ06

HFZ09

HP062

HP042

HP 49A

HP 49

HENTY FAULT

A

B

CF1

CF3

CF3

€c

€c

€tc

€tc

€tl

€tl

€tt

?

LEGEND

ROCK UNITS

Geolog Code

// NO CORE

CENTRAL SEQUENCE (CV)
(HANGING WALL VOLCANICS)

HW/ UNDIFFERENTIATED
HWW WEATHERED
HWF PREDOMINANTLY FELSIC
HWM PREDOMINANTLY MAFIC
HWV MIXED FELSIC & MAFIC
HWB STRONGLY BROKEN
HWS SHEARED

HENTY FAULT ZONE (HF)

FZ MYLONITE AND PUG
FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

LV/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
LQ QUARTZ-PHYRIC VOLCANICLASTICS
LF FELDSPAR-PHYRIC VOLCANICLASTICS
LM MAFIC/INTERMEDIATE VOLCANIC
LB BLOCKY VOLCANICLASTICS
LC COARSE-GRAINED VOLCANICLASTICS
LV FINE-GRAINED VOLCANOCLASTICS
LA POORLY SORTED ASH+ VOLCANICLASTICS
LX MIXED VOLCANICLASTICS + EPICLASTICS
LV UNDIFFERENTIATED EPICLASTIC
UB BLOCKY EPICLASTIC
UC PEBBLY EPICLASTIC
UM SANDY EPICLASTIC
UF SILTY EPICLASTIC
UV SHALEY EPICLASTIC
UX BEDDED MIXED EPICLASTICS
UT CRYSTAL-RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

N: UNDIFFERENTIATED
NC CONGLOMERATE
NSA SANDSTONE
NS SHALE
NSS SHALE AND SANDSTONE
NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

MZ QUARTZ-SULPHIDE MINERALISATION
MV INTENSE QUARTZ MINERALISATION
MP MASSIVE PYRITE
MS MASSIVE BASE-METAL SULPHIDE
MA MODERATE TO STRONG ALTERATION
AS INTENSE SILICIFICATION
LL CARBONATE ZONE

STRUCTURAL ZONES

FP FAULT BROKEN PUG ZONE
FR INTENSELY BROKEN ZONE
QV QUARTZ VEIN

ALTERATION

A1 STRONG SILICA-SERICITE-PYRITE
A2 MODERATE SILICA-SERICITE-PYRITE
A3 WEAK SILICA-SERICITE-PYRITE
Y QUARTZ-SERICITE
S SILICA
R SERICITE
P PYRITE
C CARBONATE
H HEMATITE
O CHLORITE
K K-FELDSPAR
L CLAY
SR SILICA-SERICITE
SP SILICA-PYRITE
SH SILICA-HEMATITE
RP SERICITE-PYRITE
RO SERICITE-CHLORITE
SC CARBONATE-SILICA
CO CARBONATE-CHLORITE
CH CARBONATE-HEMATITE
AC Si-Ser-Py ALTERATION WITH CO_3
YC QZ-SER ALTERATION WITH CO_3
F FUSCHITE-SERICITE ± CO_3
B REGIONAL (K-F; SER-CHL)
M MINERALISATION

TYNDALL GROUP

€On NEWTON CREEK SANDSTONE
COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK-GREEN SHALE.

€tc TYNDALL: EPICLASTICS
EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.

€tt TYNDALL: VOLCANICLASTICS AND LAVAS
MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.

€tl TYNDALL: QUARTZ PORPHYRY
QUARTZ-FELDSPAR-PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).

€c CENTRAL SEQUENCE VOLCANICS
FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT
MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

F FOOTWALL FAULT - PUGGY CRUSH ZONES
GEOLOGICAL CONTACT
CF 2 GEOLOGICAL CONTACT ALONG FAULT
ENVELOPE OF PYRITIC ALTERATION
QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)
AS INTENSE SILICIFICATION
LL CARBONATE ZONE

NOTES:

● Drill hole intersection through section

1cm = 10 g/t

517306

90-3094 I

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.	HENTY PROJECT
DRAWN:	T.G.D.S.	63800 N.
DATE:	SEPT. 1988	FACTUAL GEOLOGY
CHECKED:		GOLD ASSAYS
1:25,000 REFERENCE:	DUNDAS & SELINA	GEOLOGICAL INTERPRETATION

BASE PLAN No. | OVERLAY PLAN No. | SCALE: 1:1000 (10 0 10 20 50) | FIGURE No. 21.

5 cm

10365

WEST

EAST

79800m E.

80000m E.

80200m E.

80400m E.

2600m R.L.

2400m R.L.

2200m R.L.

2000m R.L.

1800m R.L.

ROAD

ROAD

ROAD

ROAD

HENTY RIVER

24.3m S.

6.2m

25.0m S.

HFZ10

10.6m S

25.0m S

HP 057

HP 057A

25.0m N

25.0m S

HP002

HP002A

25.0m N

GEOLOGY & HISTOGRAM HP049 IS PROJECTED

25.0m S

HP 049 A & B

25.0m S

HP 049

A

B

HENTY FAULT

CF1

CF3

CF3

CF3

€c

€tc

€tl

€c

€tc

€tl

LEGEND

ROCK UNITS

Geolog Code

// NO CORE

CENTRAL SEQUENCE (CV) [HANGING WALL VOLCANICS]

HW/ UNDIFFERENTIATED
HWW WEATHERED
HWF PREDOMINANTLY FELSIC
HWM PREDOMINANTLY MAFIC
HWV MIXED FELSIC & MAFIC
HWB STRONGLY BROKEN
HWS SHEARED

HENTY FAULT ZONE (HF)

FZ MYLONITE AND PUG
FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

L/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
LQ QUARTZ-PHYRIC VOLCANICLASTICS
LF FELDSPAR-PHYRIC VOLCANICLASTICS
LB BLOCKY VOLCANICLASTICS
LC COARSE-GRAINED VOLCANICLASTICS
LV FINE - GRAINED VOLCANICLASTICS
LA POORLY SORTED ASHY VOLCANICLASTICS
LU MIXED VOLCANICLASTICS + EPICLASTICS
U/ UNDIFFERENTIATED EPICLASTIC
UB BLOCKY EPICLASTIC
UC PEBBLY EPICLASTIC
UM SANDY EPICLASTIC
UF SILTY EPICLASTIC
UV SHALEY EPICLASTIC
UX BEDDED MIXED EPICLASTICS
UT CRYSTAL-RICH EPICLASTIC
LM MAFIC/INTERMEDIATE VOLCANIC

QUARTZ PORPHYRY (QP)

QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

N/ UNDIFFERENTIATED
NC CONGLOMERATE
NSA SANDSTONE
NS SHALE
NSS SHALE AND SANDSTONE
NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

MZ QUARTZ-SULPHIDE MINERALISATION
MV INTENSE QUARTZ MINERALISATION
MP MASSIVE PYRITE
MS MASSIVE BASE-METAL SULPHIDE

MA MODERATE TO STRONG ALTERATION
AS INTENSE SILICIFICATION
LL CARBONATE ZONE

STRUCTURAL ZONES

FP FAULT; BROKEN PUG ZONE
FR INTENSELY BROKEN ZONE
QV QUARTZ VEIN

ALTERATION

A1 STRONG SILICA-SERICITE-PYRITE
A2 MODERATE SILICA-SERICITE-PYRITE
A3 WEAK SILICA-SERICITE-PYRITE
Y QUARTZ-SERICITE
S SILICA
R SERICITE
P PYRITE
C CARBONATE
H HEMATITE
O CHLORITE
K K-FELDSPAR
L CLAY
SR SILICA-SERICITE
SP SILICA-PYRITE
SH SILICA-HEMATITE
RP SERICITE-PYRITE
RO SERICITE-CHLORITE
SC CARBONATE-SILICA
CO CARBONATE-CHLORITE
CH CARBONATE-HEMATITE
AC Si-Ser-Py ALTERATION WITH CO_3
YC QZ-SER ALTERATION WITH CO_3
F FUSCHITE-SERICITE ± CO_3
G REGIONAL (K-F; SER-CHL)
M MINERALISATION

TYNDALL GROUP

€On NEWTON CREEK SANDSTONE COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK - GREEN SHALE.

€tc TYNDALL: EPICLASTICS EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.

€t1 TYNDALL : VOLCANICLASTICS AND LAVAS MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.

€tl TYNDALL : QUARTZ PORPHYRY QUARTZ-FELDSPAR-PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).

€c CENTRAL SEQUENCE VOLCANICS FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section

F FOOTWALL FAULT - PUGGY CRUSH ZONES
GEOLOGICAL CONTACT
CF 2 GEOLOGICAL CONTACT ALONG FAULT
ENVELOPE OF PYRITIC ALTERATION
QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)
AS INTENSE SILICIFICATION
LL CARBONATE ZONE

517307

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.
DRAWN:	T.G.D.S.
DATE:	SEPT. 1988
CHECKED:	
1:25,000 REFERENCE:	DUNDAS & SELINA

HENTY PROJECT

63750 N.

FACTUAL GEOLOGY

GEOLOGICAL INTERPRETATION

BASE PLAN No. | OVERLAY PLAN No. | SCALE: 1:1000 (10 0 10 20 50) | FIGURE No. 22.

5 cm

10366

WEST

EAST

79800m E.

80000m E.

80200m E.

80400m E.

ROAD

ROAD

HENTY RIVER

2600m R.L.

2400m R.L.

2200m R.L.

2000m R.L.

1800m R.L.

HP002

HP002A

HP057

HP057A

HP049

HP049A

HP049B

HF ZIO

CF3

CF1

HENTY FAULT

A

B

GEOLOGY & HISTOGRAM HP049B IS PROJECTED

€c

€tc

€tl

€tt

LEGEND

ROCK UNITS

Geolog Code

// NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

HW/ UNDIFFERENTIATED

HWW WEATHERED

HWF PREDOMINANTLY FELSIC

HWM PREDOMINANTLY MAFIC

HWV MIXED FELSIC & MAFIC

HWB STRONGLY BROKEN

HWS SHEARED

HENTY FAULT ZONE (HF)

FZ MYLONITE AND PUG

FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

L/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS

LQ QUARTZ-PHYRIC VOLCANICLASTICS

LF FELDSPAR-PHYRIC VOLCANICLASTICS

LB BLOCKY VOLCANICLASTICS

LC COARSE-GRAINED VOLCANICLASTICS

LV FINE - GRAINED VOLCANICLASTICS

LA POORLY SORTED ASHY VOLCANICLASTICS

LU MIXED VOLCANICLASTICS + EPICLASTICS

U/ UNDIFFERENTIATED EPICLASTIC

UB BLOCKY EPICLASTIC

UC PEBBLY EPICLASTIC

UM SANDY EPICLASTIC

UF SILTY EPICLASTIC

UV SHALEY EPICLASTIC

UX BEDDED MIXED EPICLASTICS

UT CRYSTAL-RICH EPICLASTIC

LM MAFIC/INTERMEDIATE VOLCANIC

QUARTZ PORPHYRY (QP)

QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

N/ UNDIFFERENTIATED

NC CONGLOMERATE

NSA SANDSTONE

NS SHALE

NSS SHALE AND SANDSTONE

NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

MZ QUARTZ-SULPHIDE MINERALISATION

MV INTENSE QUARTZ MINERALISATION

MP MASSIVE PYRITE

MS MASSIVE BASE-METAL SULPHIDE

MA MODERATE TO STRONG ALTERATION

AS INTENSE SILICIFICATION

LL CARBONATE ZONE

STRUCTURAL ZONES

FP FAULT: BROKEN PUG ZONE

FR INTENSELY BROKEN ZONE

QV QUARTZ VEIN

ALTERATION

A1 STRONG SILICA-SERICITE-PYRITE

A2 MODERATE SILICA-SERICITE-PYRITE

A3 WEAK SILICA-SERICITE-PYRITE

Y QUARTZ-SERICITE

S SILICA

R SERICITE

P PYRITE

C CARBONATE

H HEMATITE

O CHLORITE

K K-FELDSPAR

L CLAY

SP SILICA-SERICITE

SP SILICA-PYRITE

SH SILICA-HEMATITE

RP SERICITE-PYRITE

RO SERICITE-CHLORITE

SC CARBONATE-SILICA

CO CARBONATE-CHLORITE

CH CARBONATE-HEMATITE

AC Si-Ser-Py ALTERATION WITH CO_3

YC QZ-SER ALTERATION WITH CO_3

F FUSCHITE-SERICITE : CO_3

G REGIONAL (K-F; SER-CHL)

M MINERALISATION

TYNDALL GROUP

€On NEWTON CREEK SANDSTONE
COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK - GREEN SHALE.

€tc TYNDALL : EPICLASTICS
EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.

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€tl TYNDALL : QUARTZ PORPHYRY
QUARTZ - FELDSPAR - PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).

€c CENTRAL SEQUENCE VOLCANICS
FELDSPAR - PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT
MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section

1cm = 10 g/t

F FOOTWALL FAULT - PUGGY CRUSH ZOINES

GEOLOGICAL CONTACT

CF 2 GEOLOGICAL CONTACT ALONG FAULT

ENVELOPE OF PYRITIC ALTERATION

QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)

AS INTENSE SILICIFICATION

LL CARBONATE ZONE

517308

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.	HENTY PROJECT
DRAWN:	T.G.D.S.	**63700 N.**
DATE:	SEPT. 1988	FACTUAL GEOLOGY
CHECKED:		GOLD ASSAYS
1:25,000 REFERENCE:	DUNDAS & SELINA	GEOLOGICAL INTERPRETATION

BASE PLAN No. | OVERLAY PLAN No. | SCALE: 1:1000 | FIGURE No. 23.

5 cm

10367

WEST

EAST

79800m E.

80000m E.

80200m E.

80400m E.

2600m R.L.

2400m R.L.

2200m R.L.

2000m R.L.

1800m R.L.

ROAD

HENTY RIVER

HENTY FAULT

CF1

CF3

?

A

B

HP002A

HP002

HP 57A

HP 057

HP049

100
50
0.0 g/t

4.0
2.0
0.0 g/t

€c

€tc

€tt

€tl

LEGEND

ROCK UNITS

Geolog Code

// NO CORE

CENTRAL SEQUENCE (CV)
(HANGING WALL VOLCANICS)

HW/ UNDIFFERENTIATED
HWW WEATHERED
HWF PREDOMINANTLY FELSIC
HWM PREDOMINANTLY MAFIC
HWV MIXED FELSIC & MAFIC
HWB STRONGLY BROKEN
HWS SHEARED

HENTY FAULT ZONE (HF)

FZ MYLONITE AND PUG
FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

LV/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
LQ QUARTZ-PHYRIC VOLCANICLASTICS
LF FELDSPAR-PHYRIC VOLCANICLASTICS
LM MAFIC/INTERMEDIATE VOLCANIC
LB BLOCKY VOLCANICLASTICS
LC COARSE-GRAINED VOLCANICLASTICS
LV FINE-GRAINED VOLCANOCLASTICS
LA POORLY SORTED ASHY VOLCANICLASTICS
LU MIXED VOLCANICLASTICS + EPICLASTICS
U/ UNDIFFERENTIATED EPICLASTIC
UB BLOCKY EPICLASTIC
UC PEBBLY EPICLASTIC
UM SANDY EPICLASTIC
UF SILTY EPICLASTIC
UV SHALEY EPICLASTIC
UX BEDDED MIXED EPICLASTICS
UT CRYSTAL-RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

N/ UNDIFFERENTIATED
NC CONGLOMERATE
NSA SANDSTONE
NS SHALE
NSS SHALE AND SANDSTONE
NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

MZ QUARTZ-SULPHIDE MINERALISATION
MV INTENSE QUARTZ MINERALISATION
MP MASSIVE PYRITE
MB MASSIVE BASE-METAL SULPHIDE
MA MODERATE TO STRONG ALTERATION
AS INTENSE SILICIFICATION
LL CARBONATE ZONE

STRUCTURAL ZONES

FP FAULT- BROKEN PUG ZONE
FB INTENSELY BROKEN ZONE
QV QUARTZ VEIN

ALTERATION

A1 STRONG SILICA-SERICITE-PYRITE
A2 MODERATE SILICA-SERICITE-PYRITE
A3 WEAK SILICA-SERICITE-PYRITE
Y QUARTZ-SERICITE
S SILICA
R SERICITE
P PYRITE
C CARBONATE
H HEMATITE
O CHLORITE
K K-FELDSPAR
L CLAY
SR SILICA-SERICITE
SP SILICA-PYRITE
SH SILICA-HEMATITE
RP SERICITE-PYRITE
RO SERICITE-CHLORITE
SC CARBONATE-SILICA
CO CARBONATE-CHLORITE
CH CARBONATE-HEMATITE
AC Si-Ser-Py ALTERATION WITH CO_3
YC QZ-SER ALTERATION WITH CO_3
F FUSCHITE-SERICITE ± CO_3
B REGIONAL (K-F, SER-CHL)
M MINERALISATION

TYNDALL GROUP

€On NEWTON CREEK SANDSTONE
COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK-GREEN SHALE.

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EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.

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€c CENTRAL SEQUENCE VOLCANICS
FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT
MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section
1cm = 10 g/t

F FOOTWALL FAULT - PUGGY CRUSH ZONES
GEOLOGICAL CONTACT
CF 2 GEOLOGICAL CONTACT ALONG FAULT
ENVELOPE OF PYRITIC ALTERATION
QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)
AS INTENSE SILICIFICATION
LL CARBONATE ZONE

517309

5 cm

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.	HENTY PROJECT
DRAWN:	T.G.D.S.	63650 N.
DATE:	SEPT. 1988	FACTUAL GEOLOGY GOLD ASSAYS GEOLOGICAL INTERPRETATION
CHECKED:		
1:25,000 REFERENCE:	DUNDAS & SELINA	

BASE PLAN No. | OVERLAY PLAN No. | SCALE: 1:1000 | FIGURE No. 24.

10368

WEST

EAST

79800m E.

80000m E.

80200m E.

80400m E.

2600m R.L.

2400m R.L.

2200m R.L.

2000m R.L.

1800m R.L.

ROAD

HENTY RIVER

HENTY FAULT

?

HP002

LEGEND

ROCK UNITS

Geolog Code

// NO CORE

CENTRAL SEQUENCE (CV)
(HANGING WALL VOLCANICS)

HW/ UNDIFFERENTIATED
HWW WEATHERED
HWF PREDOMINANTLY FELSIC
HWM PREDOMINANTLY MAFIC
HWV MIXED FELSIC & MAFIC
HWB STRONGLY BROKEN
HWS SHEARED

HENTY FAULT ZONE (HF)

FZ MYLONITE AND PUG
FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

L/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
LQ QUARTZ-PHYRIC VOLCANICLASTICS
LF FELDSPAR-PHYRIC VOLCANICLASTICS
LB BLOCKY VOLCANICLASTICS
LC COARSE-GRAINED VOLCANICLASTICS
LV FINE - GRAINED VOLCANICLASTICS
LA POORLY SORTED ASHY VOLCANICLASTICS
LU MIXED VOLCANICLASTICS + EPICLASTICS
U/ UNDIFFERENTIATED EPICLASTIC
UB BLOCKY EPICLASTIC
UC PEBBLY EPICLASTIC
UM SANDY EPICLASTIC
UF SILTY EPICLASTIC
UV SHALEY EPICLASTIC
UX BEDDED MIXED EPICLASTICS
UT CRYSTAL-RICH EPICLASTIC
LM MAFIC/INTERMEDIATE VOLCANIC

QUARTZ PORPHYRY (QP)

QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

N/ UNDIFFERENTIATED
NC CONGLOMERATE
NSA SANDSTONE
NS SHALE
NSS SHALE AND SANDSTONE
NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

MZ QUARTZ-SULPHIDE MINERALISATION
MV INTENSE QUARTZ MINERALISATION
MP MASSIVE PYRITE
MS MASSIVE BASE-METAL SULPHIDE

MA MODERATE TO STRONG ALTERATION
AS INTENSE SILICIFICATION
LL CARBONATE ZONE

STRUCTURAL ZONES

FP FAULT: BROKEN PUG ZONE
FR INTENSELY BROKEN ZONE
QV QUARTZ VEIN

ALTERATION

A1 STRONG SILICA-SERICITE-PYRITE
A2 MODERATE SILICA-SERICITE-PYRITE
A3 WEAK SILICA-SERICITE-PYRITE
Y QUARTZ-SERICITE
S SILICA
R SERICITE
P PYRITE
C CARBONATE
H HEMATITE
O CHLORITE
K K-FELDSPAR
L CLAY
SR SILICA-SERICITE
SP SILICA-PYRITE
SH SILICA-HEMATITE
RP SERICITE-PYRITE
RO SERICITE-CHLORITE
SC CARBONATE-SILICA
CO CARBONATE-CHLORITE
CH CARBONATE-HEMATITE
AC Si-Ser-Py ALTERATION WITH CO_3
YC QZ-SER ALTERATION WITH CO_3
F FUSCHITE-SERICITE ± CO_3
G REGIONAL (K-F; SER-CHL)
M MINERALISATION

TYNDALL GROUP

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€tl TYNDALL : QUARTZ PORPHYRY QUARTZ-FELDSPAR-PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).

€c CENTRAL SEQUENCE VOLCANICS FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT
MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

F FOOTWALL FAULT - PUGGY CRUSH ZONES
GEOLOGICAL CONTACT
CF 2 GEOLOGICAL CONTACT ALONG FAULT
ENVELOPE OF PYRITIC ALTERATION
QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1 g/t Au CUT-OFF)
AS INTENSE SILICIFICATION
LL CARBONATE ZONE

NOTES:

● Drill hole intersection through section

517310

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.
DRAWN:	T.G.D.S.
DATE:	SEPT. 1990
CHECKED:	
1:25,000 REFERENCE:	DUNDAS & SELINA

HENTY PROJECT
63600 N.
FACTUAL GEOLOGY
GEOLOGICAL INTERPRETATION

BASE PLAN No. | OVERLAY PLAN No. | 10 0 10 20 50 SCALE: 1 : 1000 | FIGURE No. 25.

5 cm

10369

WEST

EAST

79800m E.

80000m E.

80200m E.

80400m E.

2600m R.L.

2400m R.L.

2200m R.L.

2000m R.L.

1800m R.L.

ROAD

HENTY RIVER

0.0mS

HP038

FAULT

HENTY

LEGEND

ROCK UNITS

Geolog Code

// NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

HW/ UNDIFFERENTIATED

HWW WEATHERED

HWF PREDOMINANTLY FELSIC

HWM PREDOMINANTLY MAFIC

HWV MIXED FELSIC & MAFIC

HWB STRONGLY BROKEN

HWS SHEARED

HENTY FAULT ZONE (HF)

FZ MYLONITE AND PUG

FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

L/ UNDIFFERENTIATED LAVAS + VOLCANICLASTICS

LQ QUARTZ-PHYRIC VOLCANICLASTICS

LF FELDSPAR-PHYRIC VOLCANICLASTICS

LB BLOCKY VOLCANICLASTICS

LG COARSE-GRAINED VOLCANICLASTICS

LV FINE - GRAINED VOLCANICLASTICS

LA POORLY SORTED ASHY VOLCANICLASTICS

LU MIXED VOLCANICLASTICS + EPICLASTICS

U/ UNDIFFERENTIATED EPICLASTIC

UB BLOCKY EPICLASTIC

UC PEBBLY EPICLASTIC

UM SANDY EPICLASTIC

UF SILTY EPICLASTIC

UV SHALEY EPICLASTIC

UX BEDDED MIXED EPICLASTICS

UT CRYSTAL-RICH EPICLASTIC

LM MAFIC/INTERMEDIATE VOLCANIC

QUARTZ PORPHYRY (QP)

QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

N/ UNDIFFERENTIATED

NC CONGLOMERATE

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NSS SHALE AND SANDSTONE

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MV INTENSE QUARTZ MINERALISATION

MP MASSIVE PYRITE

MS MASSIVE BASE-METAL SULPHIDE

MA MODERATE TO STRONG ALTERATION

AS INTENSE SILICIFICATION

LL CARBONATE ZONE

STRUCTURAL ZONES

FP FAULT: BROKEN PUG ZONE

FR INTENSELY BROKEN ZONE

QV QUARTZ VEIN

ALTERATION

A1 STRONG SILICA-SERICITE-PYRITE

A2 MODERATE SILICA-SERICITE-PYRITE

A3 WEAK SILICA-SERICITE-PYRITE

V QUARTZ-SERICITE

S SILICA

R SERICITE

P PYRITE

C CARBONATE

H HEMATITE

O CHLORITE

K K-FELDSPAR

L CLAY

SR SILICA-SERICITE

SP SILICA-PYRITE

SH SILICA-HEMATITE

RP SERICITE-PYRITE

RO SERICITE-CHLORITE

SC CARBONATE-SILICA

CO CARBONATE-CHLORITE

CH CARBONATE-HEMATITE

AC Si-Ser-Py ALTERATION WITH CO_3

YC QZ-SER ALTERATION WITH CO_3

F FUSCHITE-SERICITE ± CO_3

G REGIONAL (K-F; SER-CHL)

M MINERALISATION

TYNDALL GROUP

€On NEWTON CREEK SANDSTONE. COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK - GREEN SHALE.

€tc TYNDALL : EPICLASTICS EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.

€tl TYNDALL : VOLCANICLASTICS AND LAVAS MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.

€tl TYNDALL : QUARTZ PORPHYRY QUARTZ – FELDSPAR – PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).

€c CENTRAL SEQUENCE VOLCANICS FELDSPAR - PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

● Drill hole intersection through section

1cm = 10 g/t

F FOOTWALL FAULT - PUGGY CRUSH ZONES

GEOLOGICAL CONTACT

CF 2 GEOLOGICAL CONTACT ALONG FAULT

ENVELOPE OF PYRITIC ALTERATION

QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)

AS INTENSE SILICIFICATION

LL CARBONATE ZONE

517311

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.
DRAWN:	T.G.D.S.
DATE:	SEPT. 1988
CHECKED:	
1:25,000 REFERENCE:	DUNDAS & SELINA

HENTY PROJECT

63550 N.

FACTUAL GEOLOGY

GOLD ASSAYS

GEOLOGICAL INTERPRETATION

BASE PLAN No.

OVERLAY PLAN No.

10 0 10 20 50

SCALE: 1 : 1000

FIGURE No. 26.

5 cm

16371

WEST

EAST

79800m E.

80000m E.

80200m E.

80400m E.

ROAD

HENTY RIVER

2600m R.L.

2400m R.L.

2200m R.L.

2000m R.L.

1800m R.L.

HF Z12

HENTY FAULT

LEGEND

ROCK UNITS

Geolog Code

- NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

- HW- UNDIFFERENTIATED
- HWW WEATHERED
- HWF PREDOMINANTLY FELSIC
- HWM PREDOMINANTLY MAFIC
- HWV MIXED FELSIC & MAFIC
- HWB STRONGLY BROKEN
- HWS SHEARED

HENTY FAULT ZONE (HF)

- FZ MYLONITE AND PUG
- FZC CRUSH ZONE

TYNDALL VOLCANICS (TV)

- LV UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
- LQ QUARTZ-PHYRIC VOLCANICLASTICS
- LF FELDSPAR-PHYRIC VOLCANICLASTICS
- LB BLOCKY VOLCANICLASTICS
- LC COARSE-GRAINED VOLCANICLASTICS
- LY FINE - GRAINED VOLCANICLASTICS
- LA POORLY SORTED ASHY VOLCANICLASTICS
- LU MIXED VOLCANICLASTICS + EPICLASTICS
- UV UNDIFFERENTIATED EPICLASTIC
- UB BLOCKY EPICLASTIC
- UC PEBBLY EPICLASTIC
- UM SANDY EPICLASTIC
- UF SILTY EPICLASTIC
- UV SHALEY EPICLASTIC
- UX BEDDED MIXED EPICLASTICS
- UT CRYSTAL-RICH EPICLASTIC
- LM MAFIC/INTERMEDIATE VOLCANIC

QUARTZ PORPHYRY (QP)

- QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

- N- UNDIFFERENTIATED
- NC CONGLOMERATE
- NSA SANDSTONE
- NS SHALE
- NSS SHALE AND SANDSTONE
- NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

- MZ QUARTZ-SULPHIDE MINERALISATION
- MV INTENSE QUARTZ MINERALISATION
- MP MASSIVE PYRITE
- MS MASSIVE BASE-METAL SULPHIDE
- MA MODERATE TO STRONG ALTERATION
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

STRUCTURAL ZONES

- FP FAULT: BROKEN PUG ZONE
- FR INTENSELY BROKEN ZONE
- QV QUARTZ VEIN

ALTERATION

- AI STRONG SILICA-SERICITE-PYRITE
- A2 MODERATE SILICA-SERICITE-PYRITE
- A3 WEAK SILICA-SERICITE-PYRITE
- Y QUARTZ-SERICITE
- S SILICA
- R SERICITE
- P PYRITE
- C CARBONATE
- H HEMATITE
- O CHLORITE
- K K-FELDSPAR
- L CLAY
- SR SILICA-SERICITE
- SP SILICA-PYRITE
- SH SILICA-HEMATITE
- RP SERICITE-PYRITE
- RC SERICITE-CHLORITE
- SC CARBONATE-SILICA
- CO CARBONATE-CHLORITE
- CH CARBONATE-HEMATITE
- AC Si-Ser-Py ALTERATION WITH CO_3
- YC Q2-SER ALTERATION WITH CO_3
- F FUSCHITE-SERICITE ± CO_3
- G REGIONAL (K-F, SER-CHL)
- M MINERALISATION

TYNDALL GROUP

- €On NEWTON CREEK SANDSTONE COARSE GRAINED SILICLASTIC CONGLOMERATE, SANDSTONE AND FISSILE BLACK-GREEN SHALE.
- €tc TYNDALL : EPICLASTICS EPICLASTIC CONGLOMERATES, SANDSTONES AND SHALES.
- €tl TYNDALL : VOLCANICLASTICS AND LAVAS MIXED SEQUENCE CONSISTING PREDOMINANTLY OF QUARTZ-FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH MINOR EPICLASTICS.
- €tl TYNDALL : QUARTZ PORPHYRY QUARTZ-FELDSPAR-PHYRIC LAVAS AND BRECCIAS. TYPICALLY WITH MEGA QUARTZ GRAINS (75mm).
- €c CENTRAL SEQUENCE VOLCANICS FELDSPAR-PHYRIC VOLCANICLASTICS AND LAVAS, WITH FINE GRAINED GREEN MAFIC DYKES.

HENTY FAULT
MYLONITE AND CRUSHED PUG ZONES. MINOR COHERENT BLOCKS OF HANGING WALL AND FOOTWALL UNITS. MINOR BLACK SHALES.

NOTES:

- Drill hole intersection through section

1cm = 10 g/t

- F FOOTWALL FAULT - PUGGY CRUSH ZONES
- GEOLOGICAL CONTACT
- CF 2 GEOLOGICAL CONTACT ALONG FAULT
- ENVELOPE OF PYRITIC ALTERATION
- QUARTZ SULPHIDE MINERALISATION ZONE (DEFINED BY 0·1g/t Au CUT-OFF)
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

517312

90-3094

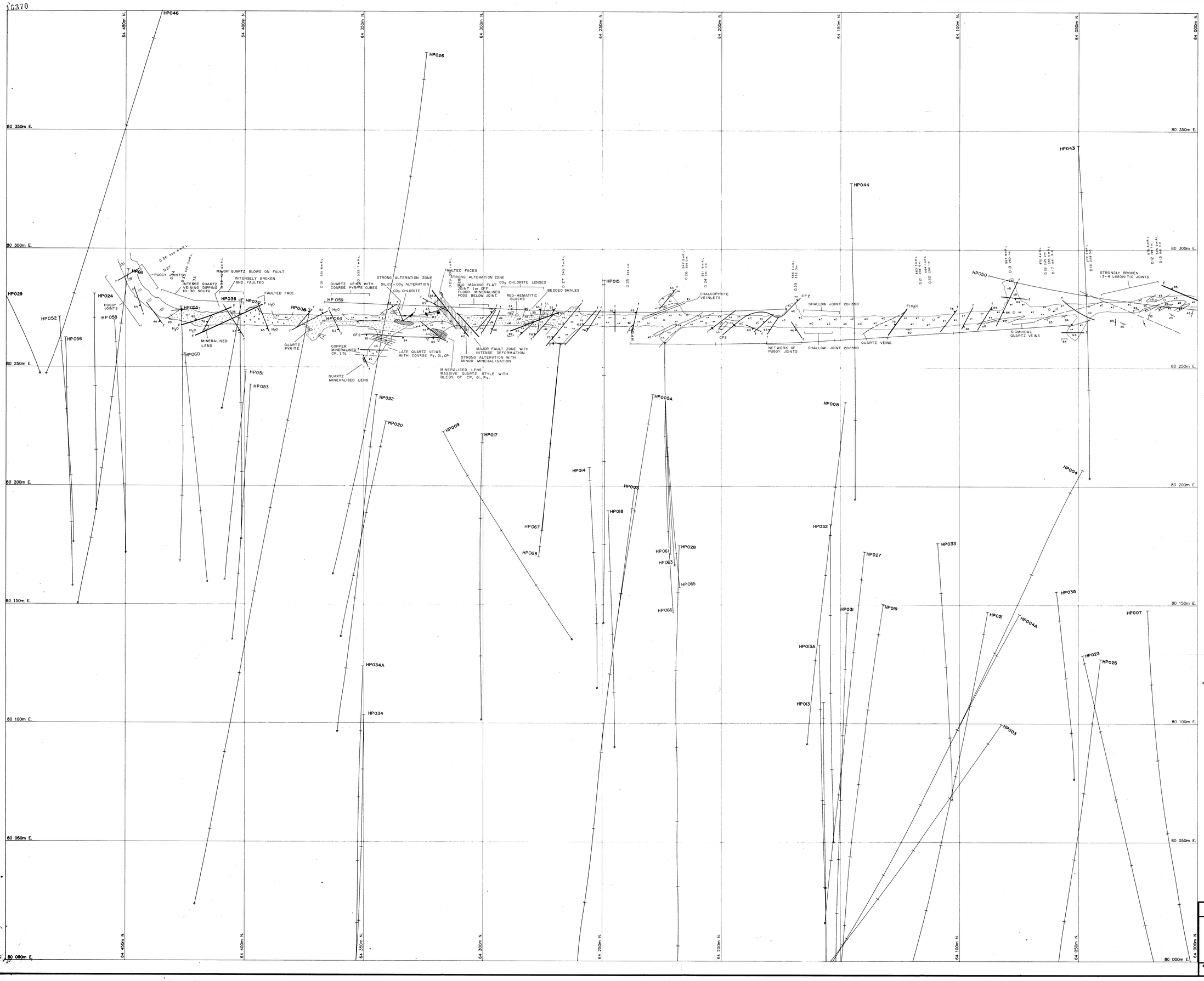
RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.	HENTY PROJECT
DRAWN:	T.G.D.S.	63500 N.
DATE:	SEPT. 1988	FACTUAL GEOLOGY
CHECKED:		GOLD ASSAYS
1:25,000 REFERENCE:	QUNDAS & SELINA	GEOLOGICAL INTERPRETATION

BASE PLAN No. | OVERLAY PLAN No. | SCALE: 1:1000 (10 0 10 20 50) | FIGURE No. 27.

5 cm

16370



LEGEND

Geolog Code

- NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

- HW/ UNDIFFERENTIATED
- HWW WEATHERED
- HWF PREDOMINANTLY FELSIC
- HWM PREDOMINANTLY MAFIC
- HWV MIXED FELSIC & MAFIC
- HWB STRONGLY BROKEN
- HWS SHEARED

HENTY FAULT ZONE (HF)

- FZ MYLONITE AND PUG
- FZC CRUSH ZONE

ROCK UNITS

TYNDALL VOLCANICS (TV)

- LV UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
- LQ QUARTZ-PHYRIC VOLCANICLASTICS
- LF FELDSPAR-PHYRIC VOLCANICLASTICS
- LM MAFIC/INTERMEDIATE VOLCANIC
- LB BLOCKY VOLCANICLASTICS
- LC COARSE-GRAINED VOLCANICLASTICS
- LV FINE-GRAINED VOLCANICLASTICS
- LA POORLY SORTED ASHY VOCCANICLASTICS
- LX MIXED VOLCANICLASTICS + EPICLASTICS
- U/ UNDIFFERENTIATED EPICLASTIC
- UB BLOCKY EPICLASTIC
- UG PEBBLY EPICLASTIC
- UN SANDY EPICLASTIC
- UF SILTY EPICLASTIC
- UV SHALEY EPICLASTIC
- UX BEDDED MIXED EPICLASTICS
- UT CRYSTAL-RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

- QP QUARTZ PORPHYRY

NEWTON CREEK (NC)

- N/ UNDIFFERENTIATED
- NG CONGLOMERATE
- NSA SANDSTONE
- NS SHALE
- NSS SHALE AND SANDSTONE
- NCS CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

- MQ QUARTZ-SULPHIDE MINERALISATION
- MV INTENSE QUARTZ MINERALISATION
- MP MASSIVE PYRITE
- MS MASSIVE BASE-METAL SULPHIDE
- MA MODERATE TO STRONG ALTERATION
- AS INTENSE SILICIFICATION
- LL CARBONATE ZONE

STRUCTURAL ZONES

- FP FAULT, BROKEN PUG ZONE
- FB INTENSELY BROKEN ZONE
- QV QUARTZ VEIN

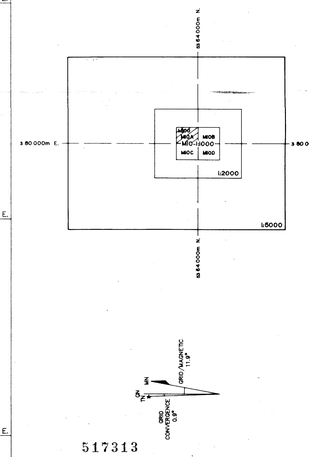
ALTERATION

- A/ STRONG SILICA-SERICITE-PYRITE
- A2 MODERATE SILICA-SERICITE-PYRITE
- A3 WEAK SILICA-SERICITE-PYRITE
- Y QUARTZ-SERICITE
- S SILICA
- R SERICITE
- P PYRITE
- C CARBONATE
- H HEMATITE
- O CHLORITE
- K K-FELDSPAR
- - CLAY
- SR SILICA-SERICITE
- SP SILICA-PYRITE
- SH SILICA-HEMATITE
- RP SERICITE-PYRITE
- RC SERICITE-CHLORITE
- SC CARBONATE-SILICA
- CO CARBONATE-CHLORITE
- CH CARBONATE-HEMATITE
- AC Si-Ser-Py ALTERATION WITH CO_3
- YC Q2-SER ALTERATION WITH CO_3
- F FUCHSITE-SERICITE ? CO_3
- G REGIONAL (K-F, SER-CHL)
- M MINERALISATION

STRUCTURAL SYMBOLS

- F MAJOR FAULT
- f MINOR FAULT
- PUGGY FAULT ZONE
- MAJOR GEOLOGICAL CONTACT
- MINOR GEOLOGICAL CONTACT
- 87 BEDDING AND DIP
- 70 OVERTURNED BEDDING
- 85 CLEAVAGE
- 44 JOINT SET

SHEET LOCATIONS



517313

5 cm

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R. R.
DRAWN:	T.G.M.S.
DATE:	SEPT '90
CHECKED:	
1:25,000 REF	DUNDAS & SELINA

HENTY PROJECT
MIO-A
DRILLHOLES & DEVELOPMENT
SHOWING
DECLINE GEOLOGICAL MAPPING

BASE PLAN No. | OVERLAY PLAN No.

SCALE: 1:500 (20 0 20 40 80)

FIGURE No. 28.

10372

63 950m N. | 63 900m N. | 63 850m N. | 63 800m N. | 63 750m N. | 63 700m N. | 63 650m N. | 63 600m N. | 63 550m N. | 63 500m N.

80 350m E.
80 300m E.
80 250m E.
80 200m E.
80 150m E.
80 100m E.
80 050m E.
80 000m E.

HP056
BAD GROUND WITH LIMONITIC JOINT SETS IN AT LEAST FOUR DIRECTIONS.
HP045
HP041
HP048
D10 603.8m RL 20.1m
D11 604.1m RL 24.1m
D9 597.8m RL 19.2m
D8 598.1m RL 24.2m
D7 592.2m RL 60.1m
D6 592.5m RL 56.5m
D5 592.7m RL 60.1m
D4 592.9m RL 56.5m
HP040
D3 594.9m RL 25.5m
D2 594.9m RL 20.2m
D1 594.8m RL 4.0m
HP039
HFZ05
HFZ11
HP001
HP012A
HP012
HP047
HP047A
HFZ06
HP062
HFZ09
HP042
HFZ10
HP057A
HP049
HP002
HP002A
HP038

LEGEND

Geology Code

JV — NO CORE

CENTRAL SEQUENCE (CV) (HANGING WALL VOLCANICS)

HW/ — UNDIFFERENTIATED
HWW — WEATHERED
HWF — PREDOMINANTLY FELSIC
HWM — PREDOMINANTLY MAFIC
HWV — MIXED FELSIC & MAFIC
HWB — STRONGLY BROKEN
HWS — SHEARED

HENTY FAULT ZONE (HF)

FZ — MYLONITE AND PUG
FZC — CRUSH ZONE

ROCK UNITS

TYNDALL VOLCANICS (TV)

L/ — UNDIFFERENTIATED LAVAS + VOLCANICLASTICS
LQ — QUARTZ-PHYRIC VOLCANICLASTICS
LF — FELDSPAR-PHYRIC VOLCANICLASTICS
LM — MAFIC/INTERMEDIATE VOLCANIC
LB — BLOCKY VOLCANICLASTICS
LC — COARSE-GRAINED VOLCANICLASTICS
LV — FINE-GRAINED VOLCANICLASTICS
LA — POORLY SORTED ASHY VOLCANICLASTICS
LU — MIXED VOLCANICLASTICS + EPICLASTICS
U/ — UNDIFFERENTIATED EPICLASTIC
UB — BLOCKY EPICLASTIC
UC — PEBBLY EPICLASTIC
UN — SANDY EPICLASTIC
UF — SILTY EPICLASTIC
UV — SHALEY EPICLASTIC
UX — BEDDED MIXED EPICLASTICS
UT — CRYSTAL-RICH EPICLASTIC

QUARTZ PORPHYRY (QP)

QP — QUARTZ PORPHYRY

NEWTON CREEK (NC)

N/ — UNDIFFERENTIATED
NC — CONGLOMERATE
NSA — SANDSTONE
NS — SHALE
NSS — SHALE AND SANDSTONE
NCS — CONGLOMERATE AND SHALE

MINERALISATION AND ALTERATION

MQ — QUARTZ-SULPHIDE MINERALISATION
MV — INTENSE QUARTZ MINERALISATION
MP — MASSIVE PYRITE
MS — MASSIVE BASE-METAL SULPHIDE
MA — MODERATE TO STRONG ALTERATION
AS — INTENSE SILICIFICATION
LL — CARBONATE ZONE

STRUCTURAL ZONES

FP — FAULT: BROKEN PUG ZONE
FR — INTENSELY BROKEN ZONE
QV — QUARTZ VEIN

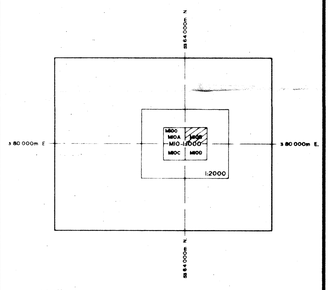
ALTERATION

A1 — STRONG SILICA-SERICITE-PYRITE
A2 — MODERATE SILICA-SERICITE-PYRITE
A3 — WEAK SILICA-SERICITE-PYRITE
Y — QUARTZ-SERICITE
S — SILICA
R — SERICITE
P — PYRITE
C — CARBONATE
H — HEMATITE
O — CHLORITE
K — K-FELDSPAR
L — CLAY
SR — SILICA-SERICITE
SP — SILICA-PYRITE
SH — SILICA-HEMATITE
RP — SERICITE-PYRITE
RG — SERICITE-CHLORITE
QC — CARBONATE-SILICA
CO — CARBONATE-CHLORITE
CH — CARBONATE-HEMATITE
AC — Si-Ser-Py ALTERATION WITH CO_3
YC — Q2-SER ALTERATION WITH CO_3
F — FUSCHITE-SERICITE ± CO_3
E — PEGONAL (K-F, SER-CHL)
M — MINERALISATION

STRUCTURAL SYMBOLS

F — MAJOR FAULT
f — MINOR FAULT
PUGGY FAULT ZONE
MAJOR GEOLOGICAL CONTACT
MINOR GEOLOGICAL CONTACT
87 — BEDDING AND DIP
70 — OVERTURNED BEDDING
85 — CLEAVAGE
44 — JOINT SET

SHEET LOCATIONS



GRID / MAGNETIC 11°E
GRID CONVERGENCE 1.8°E

517314

5 cm

90-3094

RGC EXPLORATION PTY. LIMITED

COMPILED:	R.R.
DRAWN:	J.M.S.
DATE:	MAY '89
CHECKED:	
1:25,000 REF	DUNDAS SEL.SH.

HENTY PROJECT
MIO-B
DRILLHOLES & DEVELOPMENT
SHOWING
DECLINE GEOLOGICAL MAPPING

BASE PLAN No. | OVERLAY PLAN No.

20 0 20 40 80
SCALE: 1:800

FIGURE No. 29.