WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

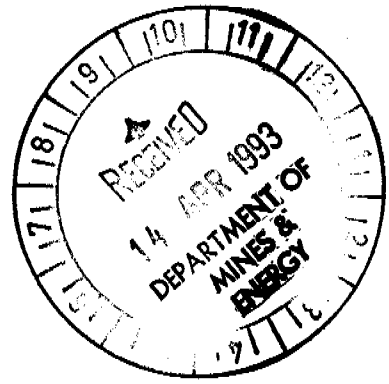
ANNUAL REPORT ON

E.L. 7636 (GIGANTIC EAST), E.L. 7712 (GIGANTIC WEST)

AND ERL 85 (GIGANTIC) AT

PROJECT YEAR ENDED MARCH 13, 1993

VOLUME 1 - TEXT & APPENDICES



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Map Reference:

1:250,000 SE 53-14 TENNANT CREEK
1:100,000 5658 TENNANT CREEK

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SUMMARY

Exploration Licences 7636, 7712 and ERL 85 are located approximately 25 kilometres east of Tennant Creek and are being explored as a single Project Area following permission to do so from the NTDME. This is the first Project Status Annual Report on the three tenements; the ELs were granted in 1992 and the ERL in 1988.

A 500 x 500 metres gravity survey covered almost the entire Project Area and several strong gravity trends were found encompassing nearly all known ironstone bodies. Several gravity highs do not have known ironstone occurrences associated with them.

South of the Gigantic ironstone and workings, geological mapping and rockchip sampling found numerous small ironstone bodies which are variably Au, Cu and Bi anomalous. Single lines of lag sampling over these bodies and to the west of Metallic Hill confirmed and re-inforced the geochemical anomalism.

The grided and mapped area was covered with a 40 x 10 metre ground magnetic survey.

A kinematic GPS survey was conducted over the Gigantic and nearby ironstones and levelled a grid line to the south.

Dipole-dipole IP was conducted over two ironstone areas between Gigantic and Metallic Hill - namely 'Fairway' and 'Gossan Hill'. Weak anomalies are evident, the significance of which has yet to be fully determined.

Four RC percussion drill holes were put into the Gossan Hill outcrop and one into the Fairway area. The Gossan Hill holes found a strong chlorite-talc lode with haematite-magnetite stringers, but no significant gold or copper assays were returned. A single hole into the Fairway area found no lode, but magnetic sediments and a magnetic lamprophyre was intersected. Both areas probably warrant further consideration and possibly further drilling.

Expenditure being reported here totals $183,170.

1. LOCATION

The three tenements which are the subject of this report form a contiguous block which lies approximately 25 kilometres east of Tennant Creek (Figure 1).

Access is via a four wheel drive track originating near the Tennant Creek microwave repeater and which then follows the 'Lone Star' trend of workings to the 'Gigantic' workings. At the 'Gigantic' the track splits to the south (eventually returning to Nobles Nob), east (to the Gum Ridge trig point) and north-east.

2. TENURE

Exploration Retention Lease 85 was granted to N. Byrne and Associates Pty. Ltd. on 16th December, 1988 for a period of 5 years. It subsequently became part of the Tennant Creek Joint Venture between Western Mining Corporation Limited (WMC) and Giants Reef Mining Pty. Ltd. (GRM) with the former acting as Manager and Operator. ERL 85 was granted to cover the prospective 'Gigantic' ironstone and workings which at that time lay within EL 4820.

EL 7636 (Gigantic East) of 9 blocks (26 km^2) was granted to WMC and GRM on the 13th of March 1992 for a period of 6 years. The EL was applied for to cover the easterly extension of the Gigantic ironstone system and other prospective areas which had not previously been explored by the JV.

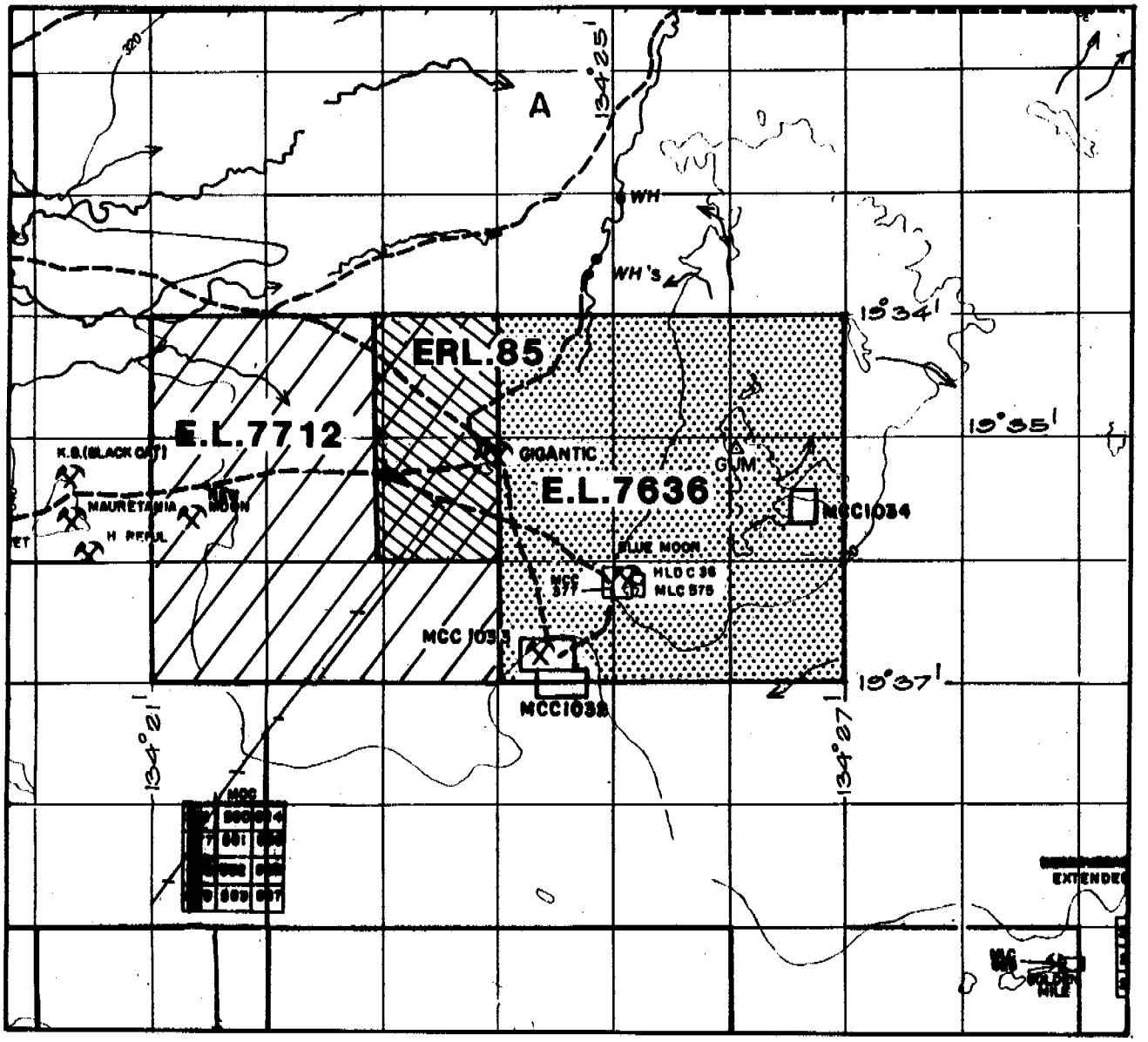
EL 7712 (Gigantic West) of 9 blocks (26 km^2) was granted to WMC and GRM on the 4th of June 1992 for a period of 6 years. The EL was applied for to cover some of the area of former JV tenement EL 4820, which it was felt had not been adequately explored by the time it expired in November 1991.

As the three tenements constituted a contiguous block covering closely related geological entities application was made to the NTDME for Project Status for the three tenements to allow exploration and reporting in a more efficient and geologically meaningful way. Project Status was granted on the 23rd of September 1992 and a common reporting date of 13th of April established.

3. REGIONAL GEOLOGY

The regional geology of the Tennant Creek field has been detailed in many recent publications and will not be repeated here. Papers contained in AusIMM Monograph 14 (Geology of the Mineral Deposits of Australia and Papua New Guinea), Volume 1, pp 829-861 would give the reader an excellent introduction to the regional geology and style of gold-copper mineralisation of the area.

The Northern Territory Geological Survey is currently re-mapping the Tennant Creek area and a pre-publication version of the Tennant Creek 1:50,000 sheet is given as Figure 2. Note that the stratigraphy utilised in this mapping has been considerably modified from that used by Le Messurier et al (1990).



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E.L. 7712

ERL 85

E.L. 7636.

WESTERN MINING CORPORATION LIMITED – EXPLORATION DIVISION

Map Ref.	52/5 5758
Date	20.7.92
Author	M.A.W. D.A.B.
Revised	

GIGANTIC AREA
TENEMENTS

TENNANT CREEK JOINT VENTURE N.T.

Scale 1:100 000

Figure No. 1

Plan No.. 7005/124

4. LOCAL GEOLOGY

The geology of the tenement block is moderately well exposed. Most readily accessible is the prominent ridge of ironstone and sediments which hosts the 'Gigantic' workings. Surface mapping delineated a easterly plunging anticline, with numerous small scale folds on its flanks. The ironstone here appears to lie within a particular horizon and has clearly been involved in the folding event. Gold at the Gigantic appears grossly to be related to the axial position of the anticline and certainly was hosted in the sediments as well as the iron oxide rich areas.

To the east of the Gigantic ironstone a small hill of massive haematite (lesser magnetite) was called 'Explorer 211' by Geopeko. This is an isolated outcrop and is surrounded by recent alluvial and colluvial deposits of unknown thickness. Further to the east the Gum Ridge marks the limit of Cambrian sediments unconformably overlying the Proterozoic Warramunga Group. Drilling by Geopeko has intersected the Proterozoic beneath the Cambrian and ironstone-style lode alteration.

To the immediate west and north-west of the Gigantic, several magnetic ironstone bodies have been mapped by traditional methods and geophysics. The Giant Moon and Rising Moon ironstones have been drilled by the current JV. No economic mineralisation has been defined, but interesting lode alteration is encouragement enough to warrant further work.

South of the Gigantic, a wide plain underlain by haematitic wackes and siltstones of the Warramunga Group are pierced in many places by small to moderate sized ironstone (chiefly haematite) bodies. The Blue Moon and Metallic Hill workings (not held by the JV) have yielded small but high grade tonnages of gold ore. Up to 10 other ironstone occurrences have been found so far within the JV tenements. East-west striking anticlinal structures have been mapped across at least several of them. Magnetic patterns indicate the presence of north-east striking magnetite-destructive structures, possibly of the same family as the Quartz Hill Fault.

5. SELECTED PREVIOUS WORK

The area currently under report has been held under numerous titles previously.

Many companies have explored around the Gigantic workings. This work was summarised by Byrne (1987) and the summary reproduced here -

Australian Development Limited - surface and underground drilling

Bureau of Mineral Resources - Airborne and ground magnetics, surface chip sampling, wagon and diamond drilling

C.R.A. Exploration - gravity and magnetics surveys, underground sampling and surface diamond drilling

Inter-Copper N.L. (Geotechnics) - ground magnetic survey, geochemistry, I.P. survey, diamond drilling

Minefields Exploration - griding, geochemistry, ?drilling

Marathon Petroleum Australia Limited - gravity and magnetics surveys, geochemistry, percussion drilling

United Uranium N.L. - drilling

Uranerz Australia Pty. Ltd. - magnetic and radiometric surveys, geochemistry.

Much of this work has been summarised onto maps and submitted in Annual Reports for EL 4820. The work of Marathon/Uranerz, CRAE and Geopeko will be reviewed in some detail here.

Uranerz Australia, then Uranerz in JV with Marathon Petroleum explored EL 1745 between 1978 and 1981, with uranium being the chief target.

In the first year, geological mapping, ground magnetics and scintillometry was undertaken, mainly over the Metallic Hill workings; sampling was also undertaken around the Blue Moon Mine. Some +10 g/t analyses were won from around the Blue Moon (Anonymous, 1979).

In subsequent years additional sampling ('base of slope' and soils) was undertaken in the vicinity of the Metallic Hill, Blue Moon and Gigantic workings, RAB drilling (17 holes 831 metres) in the vicinity of the Gigantic Mine (McPhee, 1981a), RC percussion drilling (5 holes for 660 metres) at Blue Moon and ground magnetic and gravity traversing the Gigantic, Rising Moon, and Blue Moon areas. Three diamond drill holes tested the Rising Moon anomaly with disappointing results (McPhee, 1981b).

In 1981 old BMR diamond drill holes BMR3 and BMR4 were accessed, sampled and analysed for a suite of 22 elements (McPhee 1981c). No significant anomalism is evident in the data, but they have not been plotted up in any systematic manner as yet.

CRAE held EL 4453 and Mineral Claim C4 over the Gigantic Mine workings in the mid 1980s. Harvey (1984) summarised prior work on MCC4 at the Gigantic workings, geological mapping (1:1,000), a grid and level survey, ground magnetic survey (5 x 50 metres), gravity survey (25 x 100 metres), geophysical modelling and diamond drilling. No significant gold assays were won.

Harvey (1985) reported on mapping and geophysical surveys on EL 4453 which were extensions of the surveys on MCC4. No drilling was done on the EL.

Geopeko held EL 4536 in the late 1980's which covered a large area mainly east of the Stuart Highway. Within or adjacent to the area of current interest, Geopeko conducted the following work -

a) At Explorer 211, which is a small ironstone hill about 1 kilometre east of the Gigantic workings, they conducted ground magnetics and drilled a single RC percussion hole under the outcrop (PDH 1) (Love 1986). This hole failed to intersect any lode and a planned follow up hole designed to scissor under the outcrop was not drilled.

b) At Metallic Hill ("TC I, Anomaly 18"), about 3 kilometres south of the Gigantic workings, several ground magnetic traverses (plus geological mapping and rock chip sampling) were followed up with two RC percussion holes sited close to the old Metallic Hill workings. Minor low grade gold intersections were won. Metallic Hill is currently held under Mineral Claims and is being explored in a North Flinders Mines - PosGold JV.

c) At Explorer 195 ('Gum Ridge') (Balind 1987, Love 1989) ground magnetic surveys were followed by the drilling of several diamond drill holes which intersected weakly mineralised lode and thin ironstones. Lead isotopic measurements were made on the initial hole and were found to be encouraging. Down hole magnetometry was also used. The anomaly is currently excised from EL 7636 as a mineral claim held by others.

6. WORK UNDERTAKEN DURING THE YEAR

6.1 GRIDING

At the commencement of the year, existing grids in the area consisted of -

a) WMC grid over the Gigantic mine area. This was pegged in 1988 oriented AMG North-South off a CRAE datum at 7 834 035 N, 436 795 S. Local grid co-ordinates were used.

b) Geopeko grids over the Explorer 211 outcrop and over outcrops to the south, leading up to Metallic Hill. These grids were in very poor condition.

This year, an entirely AMG grid was pegged between the Gigantic Mine area and Metallic Hill and also over the Explorer 211 outcrop. The CRAE AMG datum was again used; the grid was pegged using a combination of EDM/staff and topofil/compass with lines 40 metres apart and pegs 50 metres apart along the lines (Figure 3). Certain grid points were later surveyed in using kinematic GPS (Section 6.2).

6.2 KINEMATIC GPS SURVEY

In order to establish accurate levels for later gravity surveying the firm of Haines Daish Haines of Adelaide were contracted to give kinematic GPS derived AMG co-ordinates and AHD levels over the Gigantic Mine area (lines 1660 E, 1800 E, 1900 E and 1000 N), plus the Giant Moon and Explorer 211 areas and along the new grid line 7 833 000 N. The Gum Trig was used as the control point for the survey.

The results of this survey are presented in Appendix 1.

6.3 GEOLOGICAL MAPPING AND ROCK CHIP SAMPLING

The AMG grid between the Gigantic and Metallic Hill mine areas was mapped and rock chip sampled.

A number of small to medium sized ironstone/jasper outcrops were found and sampled. Figures 4 - 8 show the geological mapping; rock chip descriptions are given in Appendix 2 and assays in Appendix 3.

The area mapped basically consists of occasionally outcropping haematitic wackes and shales with sheets of quartz scree probably marking areas of vein arrays. Occasionally the sediments are strongly laminated and cleaved and may be described as 'haematitic shale', somewhat in the traditional Tennant Creek fashion.

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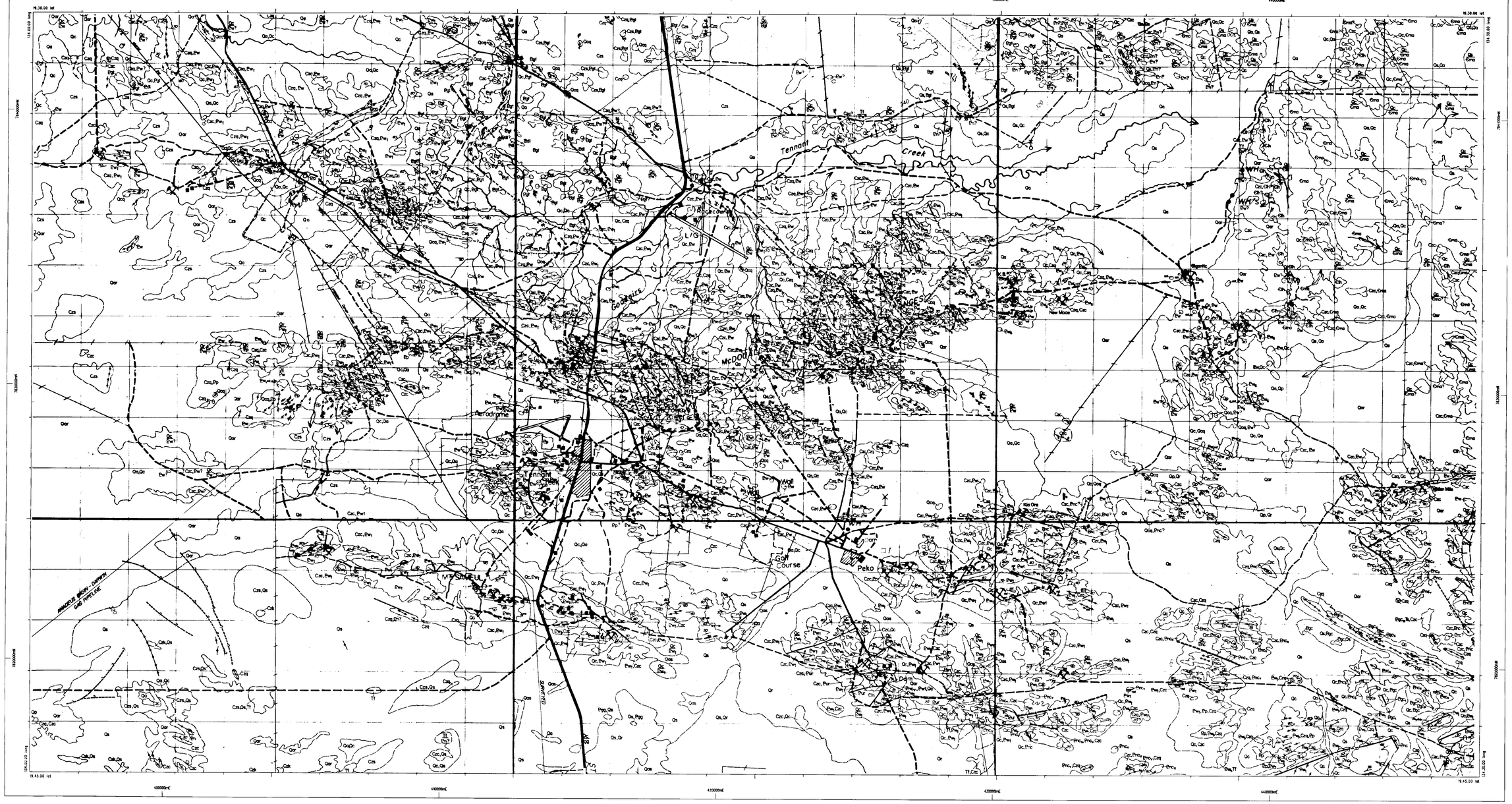

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5659S	5759S	5859S
5658N	5758N	5858N
5659S	5759S	5858S

SCALE 1:50000

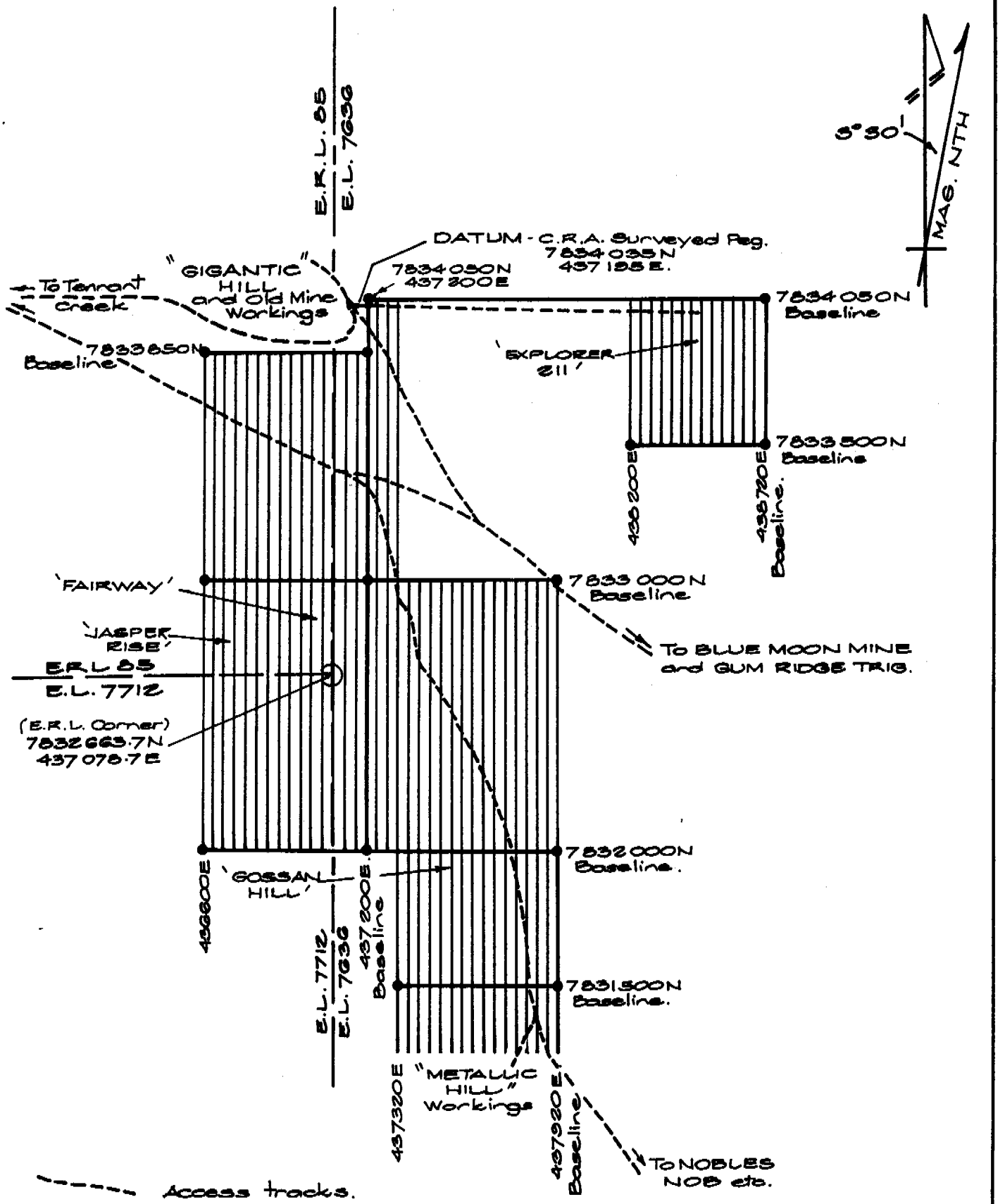
METRES

AUSTRALIAN MAP GRID
Grid Interval 10000 Metres

Figure 2

WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION	
GEOLOGICAL PLAN (N.T.D.M.E. GEOL.SURVEY MAPPING)	
5758N – TENNANT CREEK TENNANT CREEK PROJECT N.T.	
DATE: 31-JUL-92	AUTHOR:
SCALE: 1 : 50000	MAP REF. 5758N

CR93/3353



WESTERN MINING CORPORATION LIMITED – EXPLORATION DIVISION			Scale 1:20 000
Map Ref.		GRID and TENEMENT LOCATION PLAN. GIGANTIC - FAIRWAY - METALLIC HILL AREAS TENNANT CREEK JOINT VENTURE.	Figure No. 3.
Date	13.11.92		Plan No. 7047/385
Author	P.S./M.A.W. D.A.B		
Revised			

Piercing the fairly flat plain are eight outcrops with compositions varying from jasper/haematite to haematite/magnetite/carbonate to haematite/quartz ('dalmatianite'). The outcrops vary in size from a few cubic metres to the size of a small building.

The outcrops immediately to the south of the Gigantic workings were named the Fairway area; whilst a knobby hill just north of Metallic Hill was called Gossan Hill (Figure 3). Some of the Fairway outcrops were found to be moderately copper and/or bismuth anomalous and the 'Fairway 2' outcrop returned 20 ppb gold in rockchips. The Gossan Hill outcrop is strongly copper-bismuth anomalous (especially within the carbonate gossanous zone).
Very little structure could be accurately determined from within the mapped area (no attempt was made at the time to link in the geology of the Metallic Hill and Blue Moon areas); however clearly an east-west striking antiformal structure passes through Gossan Hill and minor haematite rich accumulations, found on outcrops to the east and west of that feature, also trace out the antiform.

Additional structures (magnetite destructive) can be traced within the ground magnetic data.

6.4 GEOPHYSICS

6.4.1 Ground magnetics

A ground magnetics survey was undertaken over the 1992 grid. A Scintrex MP3 magnetometer was used, with a 3 metre sensor height. Stations were 10 metres apart on the 40 metre spaced lines. Drift of the magnetic field was measured by way of a base station magnetometer at 7 834 012 N, 437 132 E, cycling every 30 seconds.

The ground magnetic contours are presented in Figure 9 and the data is given in digital format in Appendix 4. This includes data read in 1988 and 1989 over the Gigantic/Giant Moon/Rising Moon areas.

The survey delineated weak to moderate dipolar responses over nearly all of the ironstone/jasper outcrops. The skewness of the dipoles indicates a significant remanence component. A weak magnetic high is located between the ironstone outcrops in the Fairway area. It was thought that this may represent a relatively shallow, oxidised slab of ironstone connecting the ironstone outcrops. The 'bulls eye' response over the Gossan Hill prospect qualitatively resembles that due to a steeply dipping cylinder rather than a body with any significant strike component.

6.4.2 IP survey

Dipole-dipole IP/resistivity surveys were carried out over the "Fairway' and 'Gossan Hill' prospects to test the possibility of electrical responses associated with the magnetic sources. Dipole lengths were 100 metres and levels n=1 to n=6 were measured on both spreads.

Field equipment manufactured by Zonge Engineering was employed, in particular the GDP16 receiver and GGT30 transmitter. The equipment was operated in the Complex Resistivity mode at a base frequency of 0.125 Hertz.

Digital data for the surveys is given on disk in Appendix 5.

The targets for this survey were known to be small and possibly deep; quantitative modelling has not been undertaken and would probably require three dimensional models.

Line 437080 E - Fairway
Electrical data from the Fairway prospect is presented as three-point EM decoupled data (Figure 10), first harmonic phase (Figure 11) and third harmonic phase (Figure 12).

Phase data in Figure 10 are noisy, but data in Figures 11 and 12 show coherent anomalies. Polarisable resistive sources evidently occur near 7 833 100 N, 7 832 850 N and possibly near 7 832 600 N. The first of these coincides with the northern-most magnetic outcrop at Fairway; however no good information is to hand for the other two areas.

Line 437480 E - Gossan Hill
The 3 point decoupled phase pseudosection (Figure 13) shows slightly elevated values in a pant-leg pattern consistent with the response of a weakly polarisable, electrically resistive body. This responder coincides with a strong highly localised 'bulls eye' magnetic anomaly over the outcropping Gossan Hill ironstone.

Further to the north at about 7 832 500 N, 437 480 E the phase pseudosection (Figure 14) suggests another resistive polarisable body which is a weak responder but no weaker than the known ironstone mentioned above.

Resistivity highs apparently coincide with both phase anomalies and it is suspected that these are caused by bedrock topographic highs.

6.4.4 Sub regional gravity survey

A 500 x 500 metre sub regional gravity survey covered most of the tenements under report in early October 1992. A LaCoste-Romberg G747 gravity meter was used in conjunction with three digital barometers. Comparison to levelled survey points found that the barometer elevations were precise to ±1 metres, and often better than < 1 metre. AMG position was controlled using a MAGELLAN NAVPRO GPS unit using version 5000 software. For part of the survey, 'Selective Availability' was turned off and positioning to ±5 metres was achieved. At other times, precision of ±40 metres was found, when compared to fixed survey points.

A gravity base station at 7 833 002 N, 437 200 E was used, with an elevation of 302.19 metres and a gravity value of 978536.56 mgals. This base station has been tied into the BMR base gravity station at Tennant Creek airport via WMC's base station to the north of Threeways.

The digital data are presented on disk in Appendix 6. Included are AMG and latitude/longitude co-ordinates, observed and bouguer gravity, time and GMT time shift, earth tide data and elevations. Bouguer gravity is presented in contour form in Figure 15 and residual gravity in Figure 16 (ie with a regional gravity gradient removed).

Very clearly in the residual gravity map a gravity ridge of about 1.5 mgals traverses the tenement block with an approximately east-west strike. In the far east and south-east portions of the survey, elevated gravity may be reflecting insufficient corrections for topography or effects due to cover rocks. This will be investigated further.

Prominent gravity highs coincide with the Gigantic/Giant Moon and Fairway ironstone groups; the Blue Moon ironstone lies on the ridge but not directly over a high.

The presence of several other gravity highs to the west of Gigantic is very encouraging. These are not obviously associated with elevated magnetic responses, but this is not necessarily a downgrading feature.

6.5 LAG GEOCHEMICAL SURVEY

Most of the ironstone outcrops lying between the Gigantic and Metallic Hill workings ('Fairway' outcrops and Gossan Hill), the western flank of Metallic Hill and the Explorer 211 ironstone to the east of Gigantic were tested with single lines of lag sampling.

Each of the geochemical traverses was centred over a small ironstone body or a zone of quartz veining in ferruginised siltstones. The sample spacing along the lines was 25 metres. Samples (approximately 500 grams) of lag were been collected by sweeping the surface with a broom into a dust-pan and then sieving to -6+2 mm. The sieved samples were placed in calico bags and forwarded to the Western Mining Corporation Laboratory for analysis.

At the laboratory the entire sample was pulverised. Sub-samples were taken for digestion using hydrofluoric acid followed by leaching with dilute hydrochloric acid. Ag, As, Bi, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, Sb, and Ba were determined by means of ICP-MS analysis. Zn was determined by A.A.S. A 5 gram sub-sample also was analysed for Au by A.A.S. following an aqua regia digestion and pre-concentration.

The full assay results are presented in Appendix 7. The sample locations and results for Au and Bi have been plotted at 1:2,500 and are given in Figures 17 - 28. Profiles for Au, Bi and Cu are given in Appendix 8.

6.6 RC PERCUSSION DRILLING

6.6.1 Fairway prospect

Testing the possibility that the modest, broad magnetic high lying between several of the Fairway area ironstone outcrops could be sourced by an oxidised slab or ironstone, a single RC percussion hole was drilled vertically into the response. Initial three dimensional magnetic modelling of the slab scenario yielded a depth to source of between 80 and 120 metres.

Table 1 gives details of the drilling at both Fairway and Gossan Hill (section 6.6.2).

TABLE 1 RC PERCUSSION DRILLING AT FAIRWAY/GOSSAN HILL 1992

HOLE NO.	NORTHING	EASTING	DIP	AZIMUTH	METREAGE	NOTES
TCGC 28	7 831 985	437 480	-60°	176°	0 - 101.0 m RC	1
TCGC 29	7 831 990	437 520	-60°	176°	0 - 100.0 m RC	2
TCGC 30	7 831 958	437 520	-60°	176°	0 - 78.0 m RC	3
TCGC 31	7 832 995	437 120	-90°		0 - 150 m RC	4
TCGC 32	7 831 960	437 480	-60°	176°	75.0 - 90.0 m RC	5

NOTES :
1. Undercut to TCGC 32, Gossan Hill.
2. Test Gossan Hill lode to east.
3. Undercut to TCGC 29.
4. Test Fairway magnetic high.
5. Test beneath Gossan Hill.

Geological logs for the drilling are given in Appendix 9 and assays in Appendix 10.

TCGC 31 was drilled to 150 metres and failed to intersect either ironstone or lode alteration. The broad magnetic high appears to be sourced from a combination of magnetic sediments and magnetic, coarse grained biotite lamprophyre which was intersected in several extensive intervals below 100 metres (although a model has not yet been calculated to check this conclusion). Magnetic suceptability measurements taken on percussion chips are given with both the sample assays and geological logs in the appendices

XRD analyses of the lamprophyre at 105 and 125 metres downhole show that the rock consists mainly of K feldspar, biotite and quartz, with lesser talc and chlorite alteration. XRD results from all the RC drilling at Fairway/Gossan Hill are given in Appendix 11.

6.6.2 Gossan Hill prospect

Four RC percussion holes were put into the Gossan Hill ironstone outcrop/magnetic anomaly. These were designed to test the geometry of the ironstone system and extent of copper anomalism found in rockchips. It was also hoped to pick up some gold anomalism or significant assays. At the time of drilling the results of the IP survey were not to hand.

TCGC 28 and 32 were drilled directly underneath the hill and TCGC 29 and 30 were drilled down its eastern margin. All holes intersected chlorite ± talc ± dolomite alteration lode and magnetite-haematite stringers, but no massive ironstone was found.

Anomalous assays were returned from several intervals, mainly corresponding to talc alteration ± magnetite-haematite stringer zones. Best assays were 0.49 g/t Au near the bottom of TCGC 28, and 0.59 g/t Au in TCGC 30. Copper assays were all below 1% although several significantly Cu-Bi anomalous zones are present within the lodes.

The four Gossan Hill drill holes are shown in cross section in Figures 29 and 30.

6.7 ABORIGINAL SACRED SITES SURVEY

During the year an Aboriginal Sacred Sites survey covering the entire project area was commissioned from the Aboriginal Areas Protection Authority. A single site was found.

7. EXPENDITURES

7.1 ERL 85 GIGANTIC

The following expenditure has been recorded against ERL 85 over the fourth year of tenure (December 16 1991 to December 15 1992) :

	$
GEOLOGY	16,542
GEOPHYSICS	5,350
GEOCHEMISTRY	1,038
DRAFTING	2,309
SURVEYING	2,149
ANALYTICAL	2,545
DRILLING	0
LEASING	7,704
ADMINISTRATION	876
TOTAL	**$38,513**

In addition, the following expenditure has been recorded from December 16 1992 to March 13 1993 (Project anniversary date):

	$
GEOLOGY	1,078
GEOPHYSICS	3,614
GEOCHEMISTRY	670
DRAFTING	0
SURVEYING	283
ANALYTICAL	0
DRILLING	0
LEASING	7,081
ADMINISTRATION	48
TOTAL	**$12,774**

7.2 EL 7636 GIGANTIC EAST

Expenditure on EL 7636 over the first year of tenure (ended 13 March 1993) may be broken down as follows:

	$
GEOLOGY	30,504
GEOPHYSICS	15,581
GEOCHEMISTRY	3,089
DRAFTING	279
SURVEYING	5,297
ANALYTICAL	2,923
DRILLING	31,075
LEASING	65
ADMINISTRATION	4,717
TOTAL	**$93,530**

This compares with the covenant for the lease in the year which was $10,000.

7.3 EL 7712 GIGANTIC WEST

Expenditure on EL 7712 for the 9 month period from date of grant to the Project reporting date was:

	$
GEOLOGY	19,759
GEOPHYSICS	9,042
GEOCHEMISTRY	3,243
DRAFTING	0
SURVEYING	2,774
ANALYTICAL	2,607
DRILLING	0
LEASING	345
ADMINISTRATION	583
TOTAL	**$38,353**

This compares with the covenant for the lease in the past year which was $15,000.

8. FORWARD PROGRAMS AND EXPENDITURES

8.1 ERL 85 GIGANTIC PROPOSED WORK PROGRAM AND EXPENDITURE FOR YEAR FIVE

With the completion of kinematic GPS derived levels over the Gigantic ironstone ridge, cross-sections of 1988 RC percussion drilling will be re-drawn and re-interpretations made. Preliminary analysis already indicates the probability of new, untested gold targets being generated. If drilling capacity is available, several RC percussion drill holes may be drilled to test these targets.

The sub-regional gravity survey has re-highlighted the prospectivity of the Gigantic - Giant Moon - Rising Moon area. It is probable that in-fill gravity will be read in this area, and merged with CRAE open file gravity data over the same area. This may lead to additional areas for drill follow-up.

Lag sampling on a grid basis will cover most of the 'Fairway/Gossan Hill' ground magnetics grid and hence will cover the 'Fairway 2' area within ERL 85.

A detailed aeromagnetic survey (80 metre flight lines, 60 metre senor height) will cover the entire ERL in the first half of the year.

The above program is expected to cost about $15,000

8.2 EL 7636 GIGANTIC EAST PROPOSED WORK PROGRAM AND EXPENDITURE FOR YEAR TWO

The Gossan Hill prospect and most of the Fairway outcrops lie within EL 7636. A grid lag geochemical sampling program will be undertaken over the 1992 ground magnetics grid. In-fill gravity will be read over prospective areas, especially over the Fairway and Gossan Hill prospects. Together with refined geological and regional magnetic interpretation, new RC percussion drilling targets are expected to emerge.

Interpretation of existing RC percussion drilling results will be integrated with the IP and gravity results and follow-up drilling is expected.

A detailed aeromagnetic survey (80 metre flight lines, 60 metre senor height) will cover the entire EL in the first half of the year.

The above program is expected to cost in the order of $15,000.

8.3 EL 7712 GIGANTIC WEST PROPOSED WORK PROGRAM AND EXPENDITURE FOR YEAR TWO

The sub-regional gravity survey read in 1992 highlighted several gravity highs in hitherto poorly explored areas of the EL. The anomalies will be ground located, grided and in-fill gravity read. Surface geochemical techniques will be employed if appropriate.

A detailed aeromagnetic survey (80 metre flight lines, 60 metre senor height) will cover the entire EL in the first half of the year.

RC percussion drilling may be used at suitable targets if their relative prospectivity is high.

The above program is expected to cost in the order of $20,000.

9. REFERENCES

Anonymous (1979) Annual report on exploration over EL 1745, tennant Creek area, Northern Territory. Unpublished Uranerz Australia report; NTDME Open File report CR79/124.

Balind, P.R. (1987) Annual report on EL 4586 within Tennant Creek 1:250,000 Sheet, 25th July 1986 - 24th July 1987. Unpublished Geopeko report; NTDME Open File Report CR87/176.

Byrne, N. (1987) EL 4820. Annual report for second year of tenure; 20th November 1986 - 19th November 1987. Unpublished N. Byrne & Associates report to the NTDME.

Harvey, B.E. (1984) Gigantic Reco Mining Option Agreement MCC4 Tennant Creek, Central Field Annual Statutory Report Period Ending 20 July, 1984. Unpublished CRAE report; NTDME Open File report CR84/234.

Harvey, B.E. (1985) EL 4453 Gigantic Tennant Creek Central Mineral field First and Final report January, 1985. Unpublished CRAE report; NTDME Open File report CR85/057

Le Messurier, P., Williams, B.T. and Blake, D.H. (1990) Tennant Creek Inlier - Regional Geology and Mineralisation, in Geology of the Mineral Deposits of Australia and Papua New Guinea. (Ed. F.E. Hughes) pp 829 - 838. The AusIMM Melbourne.

Love, R.J. (1986) Annual Report on Exploration Licence E.L. 4536 within Tennant Creek 1:250,000 sheet, 25th July 1985 - 24th July 1986. Unpublished Geopeko report; NTDME Open File Report CR86/236.

Love, R.J. (1989) Annual report on Exploration Licence 4536, 25th July 1988 - 24th July 1989. Unpublished Geopeko report; NTDME Open File report CR89/610.

McPhee, K. (1981a) Annual Report on Exploration Activities for Exploration Licence 1745 Tennant Creek for Period 18 April 1980 to 17 April 1981. Unpublished Marathon petroleum report; NTDME Open File report CR81/149.

McPhee, K. (1981b) Final Report on Exploration Activities EL 1745 Tennant Creek, Northern Territory 18.04.78 - 31.12.1981. Unpublished Marathon Petroleum report; NTDME Open File report CR82/69.

McPhee, K. (1981c) Report on Sampling of Core from BMR3 and BMR4 Gigantic Mine area, Tennant Creek, Northern Territory. Unpublished Marathon Petroleum report; NTDME Open File report CR81/222.

APPENDIX 1

RESULTS OF KINEMATIC GPS SURVEY

PT1-8a

Haines Daish Haines

satellite surveying and navigation consultants

23-6-92

Mr. Malcolm Ward
Western Mining Corporation
PO Box 114
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SUBJECT - Kinematic GPS Survey of the Gigantic Region, Tennant Creek, N.T.

A Global Positioning System (GPS) survey using the kinematic technique was conducted in the above region on 20-6-92. The Gigantic Knoll was coordinated both horizontally and vertically along 3 existing grid lines running North/South (ie 1650,1800,1900) and 1 existing grid line running East/West (ie 1000).In addition to this survey, grid line 7833000n was occupied together with several occupations around the X211 area , the Giant Moon Rock area as well as the Eastern Knob area.

The Gum Trig., approx. 4km east of the Gigantic Region, was used as control for the survey. The vertical accuracy of this control station is known to within +/- 0.3m of the AHD thus all height values attained from the kinematic survey are within +/- 0.3m of the AHD.

Horizontal accuracy of the kinematic technique is better than +/- 5cm from Gum Trig. Several static baselines were measured throughout the survey to verify this.The relative vertical accuracy between the points measured in the Gigantic region is also better than +/- 5cm.

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Borehole / Knoll Coordination - GPS Survey

HORIZONTAL COORDINATES,(AGD) VERTICAL COORDINATES,(AHD)

CONTROL POINT GUM LAT -19 35 8.95070 LON 134 26 2.32920

POINT	LATITUDE	LONGITUDE	ZONE	EASTING	NORTHING	HEIGHT(m)	COMM
GUM	-19 35 8.95070	134 26 2.32920	53	440637.098	7834245.058	350.400	Cont pt
X211 Area							
438320	-19 35 15.00868	134 24 42.73955	53	438319.013	7834051.014	309.988	BL 34050N
438400	-19 35 15.01860	134 24 45.47971	53	438398.844	7834050.984	310.312	BL 34050N
438480	-19 35 15.17982	134 24 48.21832	53	438478.645	7834046.302	310.733	BL 34050N
BORE_X211	-19 35 18.37855	134 24 46.44287	53	438427.259	7833947.799	310.515	
Knoll	-19 35 19.81231	134 24 45.86757	53	438410.650	7833903.669	320.214	
Knoll	-19 35 21.07375	134 24 45.21701	53	438391.830	7833864.829	325.168	
Giant Moon Rock Area							
TCGC11	-19 35 16.17339	134 23 36.68812	53	436394.845	7834008.487	309.217	
TCGC12	-19 35 14.53461	134 23 36.70762	53	436395.234	7834058.863	309.205	
TCGC13	-19 35 12.89724	134 23 36.69066	53	436394.561	7834109.192	309.157	
Knoll	-19 35 12.08486	134 23 36.95505	53	436402.175	7834134.191	311.957	
Knoll	-19 35 11.91715	134 23 36.69493	53	436394.579	7834139.319	315.362	
Eastern Knob Area							
950E/850N	-19 35 20.22748	134 23 58.99538	53	437045.166	7833886.163	310.445	
Knoll	-19 35 17.64953	134 23 58.93401	53	437043.099	7833965.400	316.374	
Knoll	-19 35 18.07596	134 23 59.13926	53	437049.125	7833952.313	321.643	
Knoll	-19 35 18.37173	134 23 59.58549	53	437062.157	7833943.267	325.198	
Knoll	-19 35 18.55949	134 23 59.94301	53	437072.593	7833937.532	325.831	

Line 1800E - Gigantic GPS Survey

HORIZONTAL COORDINATES,(AGD)

CONTROL POINT GUM LAT -19 35 8.95070 LON 134 26 2.32920

POINT	LATITUDE	LONGITUDE	ZONE	EASTING	NORTHING	HEIGHT (M)
GUM	-19 35 8.95070	134 26 2.32920	53	440637.098	7834245.058	350.400
800	-19 35 21.88942	134 23 53.86428	53	436895.861	7833834.551	309.790
850	-19 35 20.22959	134 23 53.84608	53	436895.151	7833885.570	310.397
875	-19 35 19.33511	134 23 53.66269	53	436889.712	7833913.047	312.390
900	-19 35 18.55284	134 23 53.85996	53	436895.374	7833937.113	314.995
925	-19 35 17.73984	134 23 53.83565	53	436894.578	7833962.102	317.673
950	-19 35 16.97854	134 23 53.84797	53	436894.854	7833985.504	321.133
975	-19 35 16.23232	134 23 53.85096	53	436894.860	7834008.442	325.263
1000	-19 35 15.34916	134 23 53.84798	53	436894.678	7834035.589	331.775
1025	-19 35 14.52803	134 23 53.88751	53	436895.741	7834060.834	332.095
1050	-19 35 13.72307	134 23 53.84776	53	436894.496	7834085.574	329.284
1075	-19 35 12.89565	134 23 53.81207	53	436893.366	7834111.004	326.144
1100	-19 35 12.09737	134 23 53.84794	53	436894.325	7834135.546	323.171
1125	-19 35 11.31551	134 23 53.71711	53	436890.429	7834159.566	316.870
1150	-19 35 10.47276	134 23 53.84693	53	436894.120	7834185.485	311.830
1175	-19 35 9.75034	134 23 53.85989	53	436894.419	7834207.693	312.168
1200	-19 35 8.84550	134 23 53.84800	53	436893.975	7834235.505	311.847
1225	-19 35 8.04183	134 23 53.81846	53	436893.027	7834260.206	315.512
1250	-19 35 7.22755	134 23 53.86723	53	436894.360	7834285.241	315.261
1275	-19 35 6.47754	134 23 53.87627	53	436894.542	7834308.297	315.619
1300	-19 35 5.59387	134 23 53.84742	53	436893.606	7834335.456	311.952
1325	-19 35 4.81374	134 23 53.90091	53	436895.080	7834359.442	310.027

Line 1000N - Gigantic GPS Survey

HORIZONTAL COORDINATES,(AGD) VERTICAL COORDINATES,(AHD)

CONTROL POINT GUM LAT -19 35 8.95070 LON 134 26 2.32920

POINT	LATITUDE	LONGITUDE	ZONE	EASTING	NORTHING	HEIGHT(m)
GUM	-19 35 8.95070	134 26 2.32920	53	440637.098	7834245.058	350.400
1600	-19 35 15.35018	134 23 46.98678	53	436694.789	7834034.853	312.861
1625	-19 35 15.35016	134 23 48.12840	53	436728.048	7834034.972	332.100
1675	-19 35 15.52536	134 23 49.62756	53	436771.743	7834029.740	332.699
1700	-19 35 15.34998	134 23 50.41728	53	436794.731	7834035.212	335.458
1725	-19 35 15.40982	134 23 51.19208	53	436817.309	7834033.452	334.651
1750	-19 35 15.35049	134 23 52.13362	53	436844.733	7834035.373	331.719
1775	-19 35 15.32475	134 23 53.24204	53	436877.023	7834036.278	331.661
1825	-19 35 15.35005	134 23 55.14650	53	436932.508	7834035.695	334.918
1875	-19 35 15.40463	134 23 56.64049	53	436976.039	7834034.171	329.483
1925	-19 35 15.34138	134 23 58.05244	53	437017.167	7834036.260	318.242
1950	-19 35 15.35019	134 23 58.99516	53	437044.632	7834036.085	316.153
1975	-19 35 15.35013	134 23 59.98564	53	437073.489	7834036.188	314.589
2000	-19 35 15.35117	134 24 0.71191	53	437094.647	7834036.231	313.321
2050	-19 35 15.35030	134 24 2.42513	53	437144.559	7834036.432	311.585
2100	-19 35 15.35051	134 24 4.14054	53	437194.534	7834036.601	310.658

Line 1650E - Gigantic GPS Survey

HORIZONTAL COORDINATES,(AGD) VERTICAL COORDINATES,(AHD)

CONTROL POINT GUM LAT -19 35 8.95070 LON 134 26 2.32920

POINT	LATITUDE	LONGITUDE	ZONE	EASTING	NORTHING	HEIGHT(m)
GUM	-19 35 8.95070	134 26 2.32920	53	440637.098	7834245.058	350.400
800	-19 35 21.85460	134 23 48.70334	53	436745.504	7833835.091	309.547
850	-19 35 20.21203	134 23 48.68448	53	436744.776	7833885.580	309.585
875	-19 35 19.51335	134 23 48.67185	53	436744.332	7833907.055	309.689
900	-19 35 18.60033	134 23 48.69254	53	436744.836	7833935.123	309.864
950	-19 35 16.97661	134 23 48.70070	53	436744.898	7833985.035	316.152
975	-19 35 16.35927	134 23 48.73125	53	436745.721	7834004.015	324.520
1000	-19 35 15.92725	134 23 48.74302	53	436746.016	7834017.295	331.979
1025	-19 35 15.59992	134 23 48.74490	53	436746.036	7834027.358	333.582
1050	-19 35 15.34848	134 23 48.69917	53	436744.676	7834035.082	330.908
1075	-19 35 14.90426	134 23 48.72226	53	436745.301	7834048.739	324.886
1025	-19 35 14.42987	134 23 48.67580	53	436743.896	7834063.316	320.122
1050	-19 35 13.72209	134 23 48.70070	53	436744.544	7834085.075	315.110
1075	-19 35 12.96871	134 23 48.70372	53	436744.551	7834108.234	311.971
1100	-19 35 12.16233	134 23 48.72004	53	436744.939	7834133.023	310.094
1000	-19 35 10.47542	134 23 48.70149	53	436744.215	7834184.875	309.012

Line 1900E - Gigantic GPS Survey

HORIZONTAL COORDINATES,(AGD) VERTICAL COORDINATES,(AHD)

CONTROL POINT GUM LAT -19 35 8.95070 LON 134 26 2.32920

POINT	LATITUDE	LONGITUDE	ZONE	EASTING	NORTHING	HEIGHT(m)
GUM	-19 35 8.95070	134 26 2.32920	53	440637.098	7834245.058	350.400
800	-19 35 21.85259	134 23 57.28055	53	436995.383	7833836.033	309.712
825	-19 35 20.98535	134 23 57.28469	53	436995.410	7833862.692	309.868
850	-19 35 20.19648	134 23 57.28654	53	436995.378	7833886.941	310.338
875	-19 35 19.39141	134 23 57.23995	53	436993.934	7833911.683	312.334
900	-19 35 18.59120	134 23 57.27735	53	436994.937	7833936.284	314.760
925	-19 35 17.86029	134 23 57.24892	53	436994.030	7833958.749	315.747
950	-19 35 16.97317	134 23 57.28245	53	436994.911	7833986.021	318.972
975	-19 35 16.16308	134 23 57.28912	53	436995.018	7834010.923	320.855
1000	-19 35 15.34911	134 23 57.27944	53	436994.648	7834035.943	320.303
1025	-19 35 14.51125	134 23 57.25857	53	436993.949	7834061.696	319.947
1050	-19 35 13.72306	134 23 57.28305	53	436994.577	7834085.926	318.030
1075	-19 35 12.95716	134 23 57.29009	53	436994.700	7834109.470	316.457
1100	-19 35 12.09662	134 23 57.28068	53	436994.333	7834135.921	315.081
1125	-19 35 11.36516	134 23 57.28443	53	436994.363	7834158.405	314.221
1150	-19 35 10.47358	134 23 57.27658	53	436994.038	7834185.811	313.371
1175	-19 35 9.93813	134 23 57.29105	53	436994.401	7834202.272	313.460
1225	-19 35 8.84662	134 23 57.27973	53	436993.954	7834235.822	312.645
1250	-19 35 7.25380	134 23 57.28519	53	436993.941	7834284.784	311.268
1275	-19 35 6.46317	134 23 57.28338	53	436993.803	7834309.087	310.744
1300	-19 35 5.62879	134 23 57.27737	53	436993.537	7834334.735	309.798

GRID LINE 7833000N

HORIZONTAL COORDINATES,(AGD) VERTICAL COORDINATES,(AHD)

CONTROL POINT GUM LAT -19 35 8.95070 LON 134 26 2.32920

POINT	LATITUDE	LONGITUDE	ZONE	EASTING	NORTHING	HEIGHT(m)	COMMENTS
GUM	-19 35 8.95070	134 26 2.32920	53	440637.098	7834245.058	350.400	Cont Pt
6600	-19 35 48.94033	134 23 43.63745	53	436600.865	7833001.983	310.289	Star pkt
6680	-19 35 49.18056	134 23 46.38216	53	436680.849	7832994.882	310.236	Occ 7m S
6760	-19 35 48.96286	134 23 49.11559	53	436760.455	7833001.855	310.170	
6840	-19 35 49.13506	134 23 51.85556	53	436840.293	7832996.843	310.191	Occ 5m S
6920	-19 35 48.97653	134 23 54.59461	53	436920.069	7833001.997	310.173	
7000	-19 35 48.98552	134 23 57.35931	53	437000.610	7833002.004	310.127	
7080	-19 35 48.99211	134 24 0.09394	53	437080.275	7833002.082	310.127	
7160	-19 35 48.99960	134 24 2.84520	53	437160.424	7833002.133	310.082	
7200	-19 35 49.00335	134 24 4.21323	53	437200.278	7833002.157	310.158	Star pkt
7240	-19 35 49.00634	134 24 5.58687	53	437240.294	7833002.206	310.150	
7320	-19 35 49.01495	134 24 8.31940	53	437319.898	7833002.220	310.083	
7400	-19 35 49.02034	134 24 11.06897	53	437399.998	7833002.334	310.023	
7480	-19 35 49.02709	134 24 13.80839	53	437479.802	7833002.405	310.278	
7560	-19 35 49.03513	134 24 16.56474	53	437560.100	7833002.438	310.797	
7640	-19 35 49.04197	134 24 19.30797	53	437640.015	7833002.506	311.125	
7720	-19 35 49.05073	134 24 22.04450	53	437719.736	7833002.514	311.041	
7800	-19 35 49.05507	134 24 24.80142	53	437800.050	7833002.660	311.129	
7880	-19 35 49.06130	134 24 27.54221	53	437879.894	7833002.746	311.283	

APPENDIX 2

ROCK CHIP SAMPLING DESCRIPTIONS

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM ___ TO ___ OR SAMPLE CO-ORDINATE N/S E/W	DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated)
DA 6622 001	7832 7400 4368 05	Q-hm veining in Sw-h-Ss/ Fairway 2. (sth)	
002	7860 4367 35	massive spec h with q + vugs en cb FW2	
003	7865 4367 45	jasp-spec h-bx with vuggy q FW2	
004	7915 4367 52	J-h-bx + vuggy q, random chip FW2	
005	7832 7919 4367 76	Silic Sw-h, spec h fracts FW2	
006	7832 8118 4367 70	jasp-q veggy, black weathering material (4) FW2	
007	7832 8055 4367 55	red J- spec h bx FW2	
008	7832 8555 4370 87	qtz sub a/c FW1	
009	9402 10 2	coarse gr 60% spec h 40% q FW3 - sth end	
010	9552 11 0	ditto FW3 sth end	
011	7832 9607 11 0	ditto FW3 N end.	
012	7833 0855 09 5	q-h dalmationik (cg spec h in milky q) FW1	
013	0687 00 7	Ss/-h FW1	
014	0952 00 2	q-h dalmationik ½ way up a/c FW1	
015	0985 08 5	Ss/-h + q-hm in p.t. FW1	
016	1055 05 5	sub gossanous vuggy q-h + some Ss/-h FW1	
017	7833 1304 3706 62	massive spec h W + minor q FW1	
018	7832 8644 3702 48	qtz-spec h, sth end FW5	
019	8552 23 5	" " , mid N. end FW5	
020	8449 24 5	Sw-h with q vng to 5mm FW5	
021	8156 29 4	random chip q-h small a/c under 3 trees FW5	
022	8144 30 0	Ss/ to Sw-h+q vng Nth end FW5	
DA 6622 023	7832 7955 4374 32	Background Sw top of Knoll.	

SAMPLING RECORD

Material: ROCK CHIPS	Depth	Sampled Logged By: MW
Map Ref:	Laboratory Request No	Date:
LINE No.	FROM	Photo No.
	TO	Bearing

PROJECT

Region: EASTERN

Project: TC JV

Prospect: Fairway

Cost Code: 4069

DRILLING RECORD

Drill Type:

R.L. m Water Table At m

Dip Azm

Date

CO-ORDINATES

m N/S

m E/W

HOLE No

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE FROM / OR / DEPTH TO — SAMPLE CO-ORDINATE N/S	E/W	DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated)
DA66203 4	7831 9860	4373 333	lam Spec h in Ssh-h FW6	
35	7831 9885	4373 330	Spec h in Ssh-h adj digging FW6	
36	7851 9885	4377 330	qtz-spec hm vein FW6	
37	7831 9655	4373 333	massive spec h FW6	
38	9600	335	Ssh-h-lam r spec h "haem shale" FW6	
39	9609	336	q-e.g. spec h x fibre vein. FW6	
40	9591	296	Ssh-sil-lam-h. dark chert, Ssh FW6	
41	3602	492	Ssl-h r qtz lens in pit FW8	
42	3544	472	Qvn-h-q-bx-chip across vein FW8	
43	3522	467	Ferruginous q-h FW8	
44	7831 3600	4377 466	random chip spec h r qvns; stgly cleaved haem shale FW8	
45	9590	477	jasp-spec h random chip FW7	
46	9575	470	massive spec h (vuggy) western saddle FW7	
47	9574	500	From pit to E; Ssl-h; some q-h FW7	
48	9564	475	From pit to W; Ssl-h r q (goss breaks) FW7	
49	9564	475	oxid, gossanous spec h; q-cb indurated FW7	
50	9255	501	Small ?pit 5m SE of peak; oxid goss spec h-q-cb FW7	
51	9512	510	goss Ssl-h-spec h-(cb) FW7	
52	9570	501	Below eastern pit silic ferruy Ssl-h r spec h vns FW7	
53	9580	490	Gossanous red vuggy rj. FW7	
54	7831 9400	4377 493	blue-grey-green breaks at summit. FW7	
DA66205 5	7832 9570	4377 580	Ssl-h-sil r spec h r jasper.	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33

SAMPLING RECORD

Material: ROCK CHIPS | Depth | Sampled Logged By: M.W.

Map Ref: | Laboratory Request No | Date:

LINE No. | FROM | Photo No

TO | Bearing

PROJECT

Region: EASTERN

Project: TCJV

Prospect: Fairway / Foss

Cost Code: 4069

DRILLING RECORD

Drill Type

R.L. m Water Table At m

Dip Hit Azm

Date

CO-ORDINATES

m N/S

m E/W

HOLE No

Form 270

SAMPLE DATA SHEET

EXPLORATION DIVISION

SAMPLE NUMBER	DRILL HOLE DEPTH FROM ___ OR TO ___ / SAMPLE CO-ORDINATE N/S	E/W	DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated)
DA662078	7832249	437719	Silic Sw + strong q scree	
DA662079	7832350	437680	Sil o/c Ssl-h + ferrug Sw	
DA662080	7832610	437748	Sw-h + [illegible] + ferrug Sw	
DA662081	7832600	437760	q-hvns in Sw-h	
DA662082	7832600	437745	Sw-h-j	
083	7831855	770	Pink q-h with later buck q flooding	
084	7831290	670	massive hm o/c	
085	7831898	857	q-qbx-h spec	
086	7831950	852	stgly ferrug Sw-h c cb bands	
087	7832034	850	Ssl-h + hspec + j	
088	015	841	hspec-j-Ssl-h (not insitu?)	
089	016	841	Ssl + Ssh-h with goss fract	
090	399	770	q vned Sw-f (bucky q to 3cm)	
091	7832685	437902	Spec h + q in Ssh-h	
			§	
093	7832075	437935	spec h + j + q Fwg	
094	7831950	437899	h + j flt in stgly ferrug Slw Fwg	
DA662095	7831378	437896	polished spec h cobbles on surf Fwg	

9
9
46

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

SAMPLING RECORD

Material ROCK CHIPS	Depth	Sampled / Logged By: MW
Map Ref:	Laboratory Request No.	Date:
LINE	FROM	Photo No
	TO	Bearing

PROJECT

Region: EASTERN
Project: TCJV
Prospect: Fairway.
Cost Code: 4069

DRILLING RECORD

Drill Type	CO-ORDINATES m N/S
R.L. m Water Table At m	m E/W
Dip Azm	HOLE No
Date	

APPENDIX 3

ROCK CHIP SAMPLE ASSAYS

TCJV GIGANTIC AREA ROCKS - SE53-14

DIG.TECH ASS.TECH SAMPLE NUMBER	NORTHING AMG	EASTING AMG	AMG ZONE	AU30 AUSL2 AU PPM	PYSTB AA CU PPM	PYSTB AAHYD AA BI PPM	PYSTB AA FE PCT
DA662001	7832740	436805	53	0.003	260	5.2	18.2
DA662002	7832860	436735	53	0.020	150	46.4	23.0
DA662003	7832885	436745	53	0.001	25	7.3	15.8
DA662004	7832915	436752	53	0.002	45	26.6	27.9
DA662005	7832919	436776	53	<0.001	30	1.4	4.4
DA662006	7832818	436779	53	0.001	20	0.9	1.8
DA662007	7832805	436755	53	<0.001	10	3.1	15.6
DA662008	7832655	437087	53	<0.001	10	0.4	1.6
DA662009	7832940	437102	53	<0.001	15	5.6	16.6
DA662010	7832952	437110	53	<0.001	20	1.3	6.0
DA662011	7832967	437110	53	0.001	110	6.3	42.0
DA662012	7833085	437095	53	0.001	5	6.2	17.7
DA662013	7833068	437075	53	<0.001	5	1.1	5.2
DA662014	7833095	437072	53	<0.001	10	2.9	21.0
DA662015	7833098	437085	53	<0.001	10	1.0	6.6
DA662016	7833105	437055	53	0.001	10	4.0	28.0
DA662017	7833130	437062	53	0.003	10	15.2	33.0
DA662018	7832864	437248	53	0.001	20	85.0	18.5
DA662019	7832852	437235	53	<0.001	15	22.3	16.6
DA662020	7832849	437245	53	<0.001	15	1.9	4.5
DA662021	7832818	437294	53	0.002	90	4.3	28.0
DA662022	7832814	437300	53	<0.001	20	1.0	3.5
DA662023	7832795	437432	53	0.001	5	0.6	2.3
DA662034	7831986	437333	53	<0.001	10	1.9	15.2
DA662035	7831988	437330	53	0.008	40	9.0	27.0
DA662037	7831965	437333	53	<0.001	10	3.3	49.0
DA662038	7831960	437335	53	<0.001	5	22.3	37.0
DA662039	7831960	437336	53	<0.001	10	8.4	18.8
DA662040	7831991	437296	53	<0.001	5	2.3	4.7
DA662041	7831360	437492	53	<0.001	5	2.6	9.0
DA662042	7831354	437472	53	<0.001	5	1.0	9.0
DA662043	7831352	437467	53	<0.001	5	1.4	7.9
DA662044	7831360	437466	53	<0.001	5	6.1	15.2
DA662045	7831990	437477	53	<0.001	15	0.5	29.0
DA662046	7831975	437470	53	<0.001	60	6.1	45.0
DA662047	7831974	437500	53	0.002	290	25.2	29.0
DA662048	7831964	437475	53	0.001	205	11.6	26.0
DA662049	7831964	437475	53	<0.001	90	7.7	27.0
DA662050	7831925	437501	53	0.001	230	16.4	17.3
DA662051	7831912	437510	53	0.001	560	35.4	31.0
DA662052	7831970	437501	53	0.002	175	140.0	3.9
DA662053	7831980	437490	53	0.001	20	11.9	19.1

TCJV GIGANTIC AREA ROCKS - SE53-14

DIG.TECH ASS.TECH SAMPLE NUMBER	NORTHING AMG	EASTING AMG	AMG ZONE	AU30 AUSL2 AU PPM	PYSTB AA CU PPM	PYSTB AAHYD BI PPM	PYSTB AA FE PCT
DA662054	7831940	437493	53	<0.001	35	5.0	39.0
DA662055	7832270	437580	53	0.025	10	2.4	4.0
DA662078	7832249	437719	53	<0.001	10	0.2	1.0
DA662079	7832350	437680	53	0.001	40	7.5	2.3
DA662080	7832610	437748	53	<0.001	5	0.2	2.7
DA662081	7832600	437760	53	<0.001	5	0.2	1.1
DA662082	7832600	437745	53	<0.001	10	1.4	14.1
DA662083	7831855	437770	53	<0.001	10	0.2	1.1
DA662084	7831290	437670	53	0.002	10	14.0	41.0
DA662085	7831898	437857	53	0.005	5	0.7	9.8
DA662086	7831950	437852	53	<0.001	5	0.3	4.4
DA662087	7832034	437850	53	<0.001	10	1.6	35.0
DA662088	7832015	437841	53	<0.001	5	0.9	24.0
DA662089	7832016	437841	53	<0.001	5	1.8	17.9

Number of data records printed = 56

APPENDIX 4

GROUND MAGNETIC DATA

ON 3½" DISK

DIGITAL DATA HELD

APPENDIX 5

IP DATA - ON 3½" DISK

DIGITAL DATA HELD

APPENDIX 6

GRAVITY DATA - ON 3½" DISK

DIGITAL DATA HELD

APPENDIX 7

LAG SAMPLING DETAILS AND ASSAYS

TCJV GIGANTIC AREA LAGS - EL7712,7636&EPL

DIG.TECH ASS.TECH MESHSIZE SAMPLE NUMBER	NORTHING AMG	EASTING AMG	AMG ZONE	AUQ0 AUSL2 -6+2mm AU PPB	MFSTB MS -6+2mm CU PPM	MFSTB MS -6+2mm BI PPM	MFSTB MS -6+2mm AS PPM	MFSTB MS -6+2mm PB PPM	MFSTB AA -6+2mm ZN PPM	MFSTB MS -6+2mm SB PPM	MFSTB MS -6+2mm MO PPM	MFSTB MS -6+2mm CO PPM	MFSTB MS -6+2mm AG PPM	MFSTB MS -6+2mm CR PPM
QD568186	7834050	443440	53	<1	25	1.6	15	35	20	4.00	2.6	10	<0.5	385
QD568187	7834025	443440	53	1	25	1.7	15	37	20	4.00	2.5	5	<0.5	340
QD568188	7834000	443440	53	<1	25	4.3	20	33	30	5.00	3.1	5	<0.5	280
QD568189	7833975	443440	53	<1	35	4.3	15	38	30	9.00	8.6	10	<0.5	260
QD568190	7833950	443440	53	1	25	11.5	30	14	30	21.00	32.9	5	<0.5	120
QD568191	7833925	443440	53	<1	<5	1.8	10	<2	10	7.00	12.3	<5	<0.5	15
QD568192	7833900	443440	53	1	<5	1.1	<5	<2	<10	2.00	2.7	<5	<0.5	20
QD568193	7833875	443440	53	2	15	3.7	15	16	30	6.00	24.0	10	1.0	105
QD568194	7833850	443440	53	2	20	3.8	15	13	30	5.00	13.2	5	<0.5	95
QD568195	7833825	443440	53	<1	15	5.4	5	4	30	11.00	42.0	<5	<0.5	70
QD568196	7833800	443440	53	<1	30	5.1	30	31	30	10.00	15.3	5	<0.5	345
QD568197	7833775	443440	53	<1	25	3.6	30	40	30	6.00	6.1	5	<0.5	315
QD568198	7833750	443440	53	<1	30	3.4	25	34	20	3.00	4.6	5	1.0	320
QD568199	7833725	443440	53	<1	25	1.7	10	31	20	3.00	2.6	5	<0.5	295
QD568200	7833700	443440	53	<1	25	2.0	15	32	20	3.00	1.6	5	<0.5	275
QD568201	7833675	443440	53	<1	30	1.8	15	30	30	3.00	2.6	5	<0.5	255
QD568202	7833650	443440	53	<1	25	1.6	15	35	20	2.00	1.9	<5	<0.5	315
QD568203	7833625	443440	53	<1	25	1.7	10	36	20	<1.00	2.0	<5	<0.5	320
QD568204	7833600	443440	53	<1	25	1.8	15	34	20	<1.00	1.5	<5	<0.5	335
QD568205	7833300	437080	53	<1	25	2.7	10	48	30	4.00	2.3	15	<0.5	205
QD568206	7833275	437080	53	<1	20	1.2	10	32	40	4.00	1.7	10	<0.5	190
QD568207	7833250	437080	53	<1	15	1.8	10	21	30	5.00	3.0	10	<0.5	225
QD568208	7833225	437080	53	<1	20	1.5	10	24	40	4.00	1.9	20	<0.5	225
QD568209	7833200	437080	53	<1	20	1.3	10	27	30	5.00	2.4	15	<0.5	205
QD568210	7833175	437080	53	<1	20	1.7	10	29	40	6.00	2.1	15	<0.5	200
QD568211	7833150	437080	53	<1	20	1.1	15	18	50	6.00	3.7	10	<0.5	155
QD568212	7833125	437080	53	28	10	4.8	<5	7	50	7.00	11.7	5	1.0	105
QD568213	7833100	437080	53	<1	15	1.8	15	15	50	4.00	2.1	10	<0.5	100
QD568214	7833075	437080	53	<1	25	4.3	15	21	50	7.00	3.7	20	<0.5	110
QD568215	7833050	437080	53	<1	20	3.9	10	17	30	5.00	3.7	10	<0.5	215
QD568216	7833025	437080	53	<1	35	2.7	10	42	50	4.00	2.9	40	<0.5	205
QD568217	7833000	437080	53	2	20	5.5	5	12	30	3.00	1.7	10	<0.5	165
QD568218	7832975	437080	53	<1	20	14.3	<5	10	40	2.00	4.6	10	<0.5	140
QD568219	7832950	437080	53	<1	30	3.4	10	22	40	3.00	2.8	20	<0.5	175
QD568220	7832925	437080	53	20	20	1.8	5	14	30	3.00	2.4	10	<0.5	155
QD568221	7832900	437080	53	2	20	1.5	<5	14	30	2.00	2.3	15	<0.5	120
QD568222	7832875	437080	53	<1	15	1.5	10	13	30	2.00	2.9	5	<0.5	145
QD568223	7832850	437080	53	2	25	2.1	5	26	30	5.00	1.7	15	<0.5	125
QD568224	7832650	437120	53	<1	15	1.1	<5	9	20	3.00	1.7	10	<0.5	90
QD568225	7832875	437120	53	<1	20	1.5	<5	11	30	2.00	2.0	10	<0.5	110
QD568226	7832900	437120	53	2	15	1.2	<5	8	20	2.00	2.4	5	<0.5	130

TCJV GIGANTIC AREA LAGS - EL7712,7636&ERL

DIG.TECH				HFSTB	HFSTB	HFSTB	HFSTB
ASS.TECH				MS	MS	MS	MS
MESHSIZE				-6+2mm	-6+2mm	-6+2mm	-6+2mm
SAMPLE	NORTHING	EASTING	AMG	FE	MN	NI	BA
NUMBER	AMG	AMG	ZONE	PCT	PPM	PPM	PPM
QD568186	7834050	443440	53	17.1	350	15	265.00
QD568187	7834025	443440	53	16.7	250	15	235.00
QD568188	7834000	443440	53	17.1	185	15	270.00
QD568189	7833975	443440	53	29.4	225	20	235.00
QD568190	7833950	443440	53	40.5	115	10	25.00
QD568191	7833925	443440	53	20.1	30	<5	<5.00
QD568192	7833900	443440	53	14.6	15	<5	5.00
QD568193	7833875	443440	53	34.6	185	15	55.00
QD568194	7833850	443440	53	31.9	135	20	40.00
QD568195	7833825	443440	53	40.2	100	10	30.00
QD568196	7833800	443440	53	36.4	170	15	85.00
QD568197	7833775	443440	53	25.4	285	15	215.00
QD568198	7833750	443440	53	18.5	195	15	180.00
QD568199	7833725	443440	53	15.3	160	15	190.00
QD568200	7833700	443440	53	12.7	185	10	240.00
QD568201	7833675	443440	53	13.1	175	15	195.00
QD568202	7833650	443440	53	15.2	155	10	230.00
QD568203	7833625	443440	53	16.2	155	10	210.00
QD568204	7833600	443440	53	14.7	150	10	245.00
QD568205	7833300	437080	53	7.8	1820	20	630.00
QD568206	7833275	437080	53	7.9	1140	20	560.00
QD568207	7833250	437080	53	9.4	1040	20	880.00
QD568208	7833225	437080	53	8.2	1340	30	590.00
QD568209	7833200	437080	53	9.4	940	20	690.00
QD568210	7833175	437080	53	10.8	1020	35	720.00
QD568211	7833150	437080	53	14.3	540	40	355.00
QD568212	7833125	437080	53	23.7	415	25	165.00
QD568213	7833100	437080	53	11.2	490	40	550.00
QD568214	7833075	437080	53	16.4	1360	40	475.00
QD568215	7833050	437080	53	8.1	1080	20	900.00
QD568216	7833025	437080	53	8.1	3400	50	1180.00
QD568217	7833000	437080	53	6.4	500	15	430.00
QD568218	7832975	437080	53	7.0	610	20	345.00
QD568219	7832950	437080	53	7.8	1600	25	720.00
QD568220	7832925	437080	53	4.8	1160	15	500.00
QD568221	7832900	437080	53	4.3	940	20	730.00
QD568222	7832875	437080	53	4.5	890	10	465.00
QD568223	7832850	437080	53	7.2	1280	25	960.00
QD568224	7832850	437120	53	2.4	485	15	650.00
QD568225	7832875	437120	53	3.2	840	20	490.00
QD568226	7832900	437120	53	3.3	439	15	495.00

TCJV GIGANTIC AREA LAGS - EL7712,7636&ERL

DIG.TECH ASS.TECH MESHSIZE SAMPLE NUMBER	NORTHING AMG	EASTING AMG	AMG ZONE	AUQA AUSL2 -6+2mm AU PPB	HFSTB MS -6+2mm CU PPM	HFSTB MS -6+2mm BI PPM	HFSTB MS -6+2mm AS PPM	HFSTB MS -6+2mm PB PPM	HFSTB AA -6+2mm ZN PPM	HFSTB MS -6+2mm SB PPM	HFSTB MS -6+2mm MO PPM	HFSTB MS -6+2mm CO PPM	HFSTB MS -6+2mm AG PPM	HFSTB MS -6+2mm CR PPM
QD568227	7832925	437120	53	<1	20	3.3	<5	10	30	4.00	5.6	5	<0.5	90
QD568228	7832950	437120	53	<1	45	3.7	15	21	50	5.00	10.9	30	<0.5	115
QD568229	7832975	437120	53	<1	10	2.8	<5	5	10	2.00	7.9	<5	1.0	115
QD568230	7833000	437120	53	<1	35	2.4	<5	23	30	2.00	2.4	25	<0.5	145
QD568231	7833025	437120	53	<1	30	1.4	10	38	30	3.00	2.2	25	<0.5	200
QD568232	7833050	437120	53	<1	35	1.9	15	33	50	3.00	3.8	30	<0.5	130
QD568233	7833000	436720	53	<1	30	1.2	10	54	30	3.00	3.0	10	1.0	130
QD568234	7832975	436720	53	<1	25	1.8	20	40	30	3.00	2.3	15	<0.5	130
QD568235	7832950	436720	53	<1	40	4.6	25	43	40	37.00	6.6	15	1.0	85
QD568236	7832925	436720	53	<1	25	6.6	25	45	40	29.00	7.4	10	<0.5	100
QD568237	7832900	436720	53	<1	60	18.5	20	29	30	25.00	25.0	15	<0.5	75
QD568238	7832875	436720	53	<1	40	5.0	25	42	40	27.00	14.5	10	0.9	70
QD568239	7832850	436720	53	<1	25	3.5	25	44	30	19.00	8.2	5	1.0	90
QD568240	7832825	436720	53	<1	20	6.1	15	31	30	5.00	5.0	5	<0.5	135
QD568241	7832800	436720	53	<1	30	2.1	10	48	40	5.00	3.1	30	1.0	145
QD568242	7832775	436720	53	<1	25	1.4	15	97	40	3.00	2.6	35	<0.5	115
QD568243	7832750	436720	53	<1	20	2.6	5	34	20	4.00	2.5	10	<0.5	195
QD568244	7833000	437240	53	<1	25	1.1	10	22	30	2.00	1.6	30	<0.5	140
QD568245	7832975	437240	53	<1	25	1.9	10	19	30	1.00	1.2	25	<0.5	125
QD568246	7832950	437240	53	1	30	2.9	10	32	40	3.00	1.7	35	<0.5	145
QD568247	7832925	437240	53	<1	40	1.9	5	51	70	3.00	2.9	50	1.1	150
QD568248	7832900	437240	53	<1	20	0.6	<5	17	30	2.00	0.7	30	<0.5	165
QD568249	7832875	437240	53	<1	30	4.4	15	14	40	1.00	3.4	20	<0.5	130
QD568250	7832850	437240	53	2	25	60.0	<5	7	20	2.00	9.4	<5	<0.5	150
QD568251	7832825	437240	53	<1	15	6.0	<5	9	20	3.00	4.5	5	<0.5	200
QD568252	7832800	437240	53	<1	15	1.2	5	16	40	2.00	2.8	15	<0.5	115
QD568253	7832775	437240	53	<1	40	1.7	<5	37	50	3.00	1.8	70	<0.5	100
QD568254	7832750	437240	53	<1	25	1.2	5	37	40	3.00	1.6	45	<0.5	95
QD568255	7832725	437240	53	<1	35	1.5	5	23	30	2.00	2.4	35	1.0	130
QD568256	7832700	437240	53	<1	30	1.8	5	37	40	3.00	2.1	90	<0.5	135
QD568257	7832150	437480	53	1	20	5.5	30	36	10	13.00	1.4	10	<0.5	205
QD568258	7832125	437480	53	<1	25	6.5	30	34	30	10.00	1.6	10	1.0	195
QD568259	7832100	437480	53	<1	35	7.1	20	23	20	7.00	2.0	5	<0.5	175
QD568260	7832075	437480	53	<1	25	5.2	10	20	10	6.00	2.2	<5	1.1	110
QD568261	7832050	437480	53	<1	10	1.7	15	23	<10	8.00	3.8	<5	<0.5	200
QD568262	7832025	437480	53	<1	10	2.2	30	26	20	7.00	3.7	<5	<0.5	220
QD568263	7832000	437480	53	<1	175	4.9	25	140	<10	4.00	4.8	5	<0.5	205
QD568264	7831975	437480	53	<1	90	14.3	30	39	20	7.00	8.7	5	<0.5	60
QD568265	7831950	437480	53	<1	255	9.7	45	160	60	5.00	6.3	5	<0.5	70
QD568266	7831925	437480	53	<1	100	7.3	20	45	40	6.00	4.3	<5	<0.5	75
QD568267	7831900	437480	53	<1	60	4.1	25	15	10	5.00	2.5	5	<0.5	100

TOJV GIGANTIC AREA LAGS - EL7712,7636&ERL

DIG.TECH ASS.TECH MESHSIZE SAMPLE NUMBER	NORTHING AMG	EASTING AMG	AMG ZONE	HFSTB MS -6+2mm FE PCT	HFSTB MS -6+2mm MN PPM	HFSTB MS -6+2mm NI PPM	HFSTB MS -6+2mm BA PPM
QD568227	7832925	437120	53	9.8	610	15	375.00
QD568228	7832950	437120	53	15.5	1220	40	809.00
QD568229	7832975	437120	53	7.9	140	5	255.00
QD568230	7833000	437120	53	4.4	1240	25	610.00
QD568231	7832025	437120	53	7.2	1820	30	940.00
QD568232	7833050	437120	53	11.3	3250	35	960.00
QD568233	7833000	436720	53	6.8	1120	15	475.00
QD568234	7832975	436720	53	6.7	930	15	440.00
QD568235	7832950	436720	53	17.4	1700	15	465.00
QD568236	7832925	436720	53	18.8	550	10	145.00
QD568237	7832900	436720	53	33.7	1150	5	370.00
QD568238	7832875	436720	53	25.6	455	5	185.00
QD568239	7832850	436720	53	17.5	670	5	265.00
QD568240	7832825	436720	53	9.7	860	10	310.00
QD568241	7832800	436720	53	7.3	4700	25	1160.00
QD568242	7832775	436720	53	5.3	7000	15	1740.00
QD568243	7832750	436720	53	7.2	1020	15	500.00
QD568244	7833000	437240	53	5.8	1860	45	1320.00
QD568245	7832975	437240	53	4.3	1240	50	910.00
QD568246	7832950	437240	53	6.7	2100	55	1500.00
QD568247	7832925	437240	53	6.5	4350	65	1900.00
QD568248	7832900	437240	53	3.2	1960	30	750.00
QD568249	7832875	437240	53	8.0	1440	40	690.00
QD568250	7832850	437240	53	23.2	120	15	140.00
QD568251	7832825	437240	53	4.6	490	15	610.00
QD568252	7832800	437240	53	4.0	2500	20	820.00
QD568253	7832775	437240	53	5.1	8800	50	2500.00
QD568254	7832750	437240	53	5.3	3300	45	1300.00
QD568255	7832725	437240	53	3.9	2750	40	1040.00
QD568256	7832700	437240	53	3.5	6400	60	2100.00
QD568257	7832150	437480	53	17.3	1300	15	
QD568258	7832125	437480	53	17.1	840	15	
QD568259	7832100	437480	53	16.4	680	15	
QD568260	7832075	437480	53	11.6	395	10	
QD568261	7832050	437480	53	12.5	230	5	
QD568262	7832025	437480	53	12.6	205	5	
QD568263	7832000	437480	53	18.6	265	50	
QD568264	7831975	437480	53	32.0	720	10	
QD568265	7831950	437480	53	23.7	520	20	
QD568266	7831925	437480	53	22.6	410	10	
QD568267	7831900	437480	53	12.9	610	10	

TCJV GIGANTIC AREA LAGS - EL7712,7636&EML

DIG.TECH				AU30	HFSTB	HFSTB	HFSTB	HFSTB	HFSTB	HFSTB	HFSTB	HFSTB	HFSTB	HFSTB
ASS.TECH				AUSL2	MS	MS	MS	MS	AA	MS	MS	MS	MS	MS
MESHSIZE				-6+2mm	-6+2mm	-6+2mm	-6+2mm	-6+2mm	-6+2mm	-6+2mm	-6+2mm	-6+2mm	-6+2mm	-6+2mm
SAMPLE	NORTHING	EASTING	AMG	AU	CU	BI	AS	PB	ZN	SB	MO	CO	AG	CR
NUMBER	AMG	AMG	ZONE	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
QD568268	7831875	437480	53	<1	40	6.8	25	65	30	9.00	1.8	30	0.5	140
QD568269	7831850	437480	53	<1	40	6.6	20	34	20	7.00	1.0	50	1.0	165
QD568270	7831825	437480	53	<1	60	8.0	30	50	50	10.00	1.2	80	<0.5	170
QD568271	7831800	437480	53	<1	10	2.7	<5	8	20	3.00	<0.5	<5	0.5	190
QD568272	7831775	437480	53	<1	15	2.5	15	25	20	6.00	0.9	25	<0.5	160
QD568273	7831750	437480	53	<1	25	9.1	30	47	30	6.00	1.5	50	1.1	155
QD568274	7832200	437280	53	<1	25	4.2	15	36	30	6.00	1.2	25	<0.5	150
QD568275	7832175	437280	53	<1	20	2.3	10	34	20	5.00	0.9	10	<0.5	95
QD568276	7832150	437280	53	<1	25	3.6	30	33	<10	5.00	1.2	10	<0.5	60
QD568277	7832125	437280	53	<1	10	2.9	5	10	<10	5.00	<0.5	<5	<0.5	140
QD568278	7832100	437280	53	<1	10	6.4	20	37	10	11.00	<0.5	<5	<0.5	45
QD568279	7832075	437280	53	<1	10	9.2	25	42	30	18.00	0.7	<5	<0.5	55
QD568280	7832050	437280	53	4	10	1.7	<5	11	10	4.00	<0.5	<5	<0.5	60
QD568281	7832025	437280	53	<1	10	6.2	5	29	10	6.00	<0.5	<5	<0.5	45
QD568282	7832000	437280	53	8	10	2.3	<5	15	<10	5.00	0.5	<5	<0.5	115
QD568283	7831975	437280	53	<1	30	4.0	25	15	60	3.00	3.9	<5	<0.5	40
QD568284	7831950	437280	53	<1	15	11.5	40	60	20	9.00	5.8	<5	<0.5	150
QD568285	7831925	437280	53	<1	40	3.8	20	39	30	4.00	4.2	5	<0.5	100
QD568286	7831900	437280	53	<1	10	2.1	10	14	<10	4.00	1.7	<5	<0.5	110
QD568287	7831875	437280	53	<1	15	3.0	15	15	<10	4.00	1.8	<5	<0.5	150
QD568288	7831850	437280	53	<1	15	3.0	20	21	<10	4.00	1.5	<5	<0.5	110
QD568289	7831825	437280	53	<1	15	3.1	20	17	<10	3.00	1.1	10	<0.5	105
QD568290	7831800	437280	53	<1	15	4.5	20	19	<10	3.00	1.6	10	<0.5	140
QD568291	7831700	437480	53	<1	20	5.0	20	38	20	5.00	1.1	5	<0.5	90
QD568292	7831675	437480	53	<1	15	6.4	20	25	10	<1.00	1.2	<5	<0.5	110
QD568293	7831650	437480	53	<1	20	17.4	30	51	20	4.00	2.3	<5	<0.5	145
QD568294	7831625	437480	53	<1	25	36.0	40	45	<10	22.00	5.4	<5	<0.5	175
QD568295	7831600	437480	53	<1	25	32.0	40	48	20	21.00	4.6	5	<0.5	190
QD568296	7831575	437480	53	2	25	92.0	40	49	20	25.00	8.2	5	<0.5	215
QD568297	7831550	437480	53	<1	25	18.0	30	38	20	12.00	3.6	10	<0.5	170
QD568298	7831525	437480	53	<1	25	78.0	40	50	30	29.00	11.4	5	<0.5	225
QD568299	7831500	437480	53	3	20	130.0	50	70	20	57.00	24.0	<5	<0.5	305
QD568300	7831475	437480	53	<1	25	17.1	30	38	30	13.00	3.9	10	<0.5	150
QD568301	7831450	437480	53	<1	20	12.7	30	34	10	8.00	3.8	10	1.0	150
QD568302	7831425	437480	53	<1	15	9.4	25	31	<10	10.00	2.8	<5	1.0	80
QD568303	7831400	437480	53	<1	15	4.5	50	36	<10	18.00	1.6	<5	1.0	90
QD568304	7831375	437480	53	<1	15	34.0	25	37	<10	18.00	8.2	<5	0.9	115
QD568305	7831350	437480	53	<1	20	34.0	25	35	20	14.00	9.0	<5	1.0	180
QD568306	7831325	437480	53	<1	20	53.0	45	41	10	27.00	11.7	<5	1.1	230
QD568307	7831300	437480	53	<1	20	59.0	40	45	<10	31.00	15.2	<5	1.0	250
QD568308	7831250	437480	53	24	30	16.3	35	36	10	21.00	7.2	10	1.0	200

TOJV GIGANTIC AREA LAGS - EL7713,7636&ERL

DIG.TECH ASS.TECH MESHSIZE SAMPLE NUMBER	NORTHING AMG	EASTING AMG	AMG ZONE	MFSTB MS -6+2mm FE PCT	MFSTB MS -6+2mm MN PPm	MFSTB MS -6+2mm NI PPm	MFSTB MS -6+2mm BA PPm
QD568268	7831875	437480	53	12.8	7600	25	
QD568269	7831850	437480	53	12.0	3050	40	
QD568270	7831825	437480	53	15.2	5000	50	
QD568271	7831800	437480	53	1.7	250	5	
QD568272	7831775	437480	53	7.9	2550	20	
QD568273	7831750	437480	53	14.5	3050	40	
QD568274	7832200	437280	53	10.3	2300	35	
QD568275	7832175	437280	53	6.9	1550	15	
QD568276	7832150	437280	53	8.2	1360	10	
QD568277	7832125	437280	53	2.6	175	<5	
QD568278	7832100	437280	53	6.4	750	<5	
QD568279	7832075	437280	53	8.0	820	<5	
QD568280	7832050	437280	53	1.1	120	<5	
QD568281	7832025	437280	53	4.9	560	<5	
QD568282	7832000	437280	53	3.3	185	<5	
QD568283	7831975	437280	53	10.0	600	5	
QD568284	7831950	437280	53	27.4	500	5	
QD568285	7831925	437280	53	13.9	420	20	
QD568286	7831900	437280	53	4.1	160	<5	
QD568287	7831875	437280	53	7.4	130	<5	
QD568288	7831850	437280	53	9.1	225	5	
QD568289	7831825	437280	53	7.8	560	15	
QD568290	7831800	437280	53	9.3	720	15	
QD568291	7831700	437480	53	9.1	820	5	
QD568292	7831675	437480	53	8.4	325	<5	
QD568293	7831650	437480	53	18.1	820	5	
QD568294	7831625	437480	53	21.9	355	10	
QD568295	7831600	437480	53	22.6	670	10	
QD568296	7831575	437480	53	27.0	550	10	
QD568297	7831550	437480	53	18.2	740	15	
QD568298	7831525	437480	53	29.7	570	10	
QD568299	7831500	437480	53	44.8	470	5	
QD568300	7831475	437480	53	17.2	760	20	
QD568301	7831450	437480	53	18.9	450	15	
QD568302	7831425	437480	53	12.1	270	<5	
QD568303	7831400	437480	53	16.3	345	<5	
QD568304	7831375	437480	53	29.9	510	<5	
QD568305	7831350	437480	53	24.5	230	10	
QD568306	7831325	437480	53	30.6	200	10	
QD568307	7831300	437480	53	34.4	265	10	
QD568308	7831250	437480	53	24.1	940	10	

TOJV GIGANTIC AREA LAGS - EL7712,7636&ERL

DIG.TECH ASS.TECH MESHSIZE SAMPLE NUMBER	NORTHING AMG	EASTING AMG	AMG ZONE	AU20 AUSL2 -6+2mm AU PPB	HFSTB MS -6+2mm CU PPM	HFSTB MS -6+2mm BI PPM	HFSTB MS -6+2mm AS PPM	HFSTB MS -6+2mm PB PPM	HFSTB AA -6+2mm ZN PPM	HFSTB MS -6+2mm SB PPM	HFSTB MS -6+2mm MO PPM	HFSTB MS -6+2mm CO PPM	HFSTB MS -6+2mm AG PPM	HFSTB MS -6+2mm CR PPM
QD568309	7831225	437400	53	3	45	10.9	40	30	20	11.00	5.3	10	1.0	295
QD568310	7831200	437400	53	<1	35	31.0	65	54	20	22.00	8.0	5	<0.5	315
QD568311	7831175	437400	53	<1	30	33.9	50	45	20	9.00	8.6	5	0.9	305
QD568312	7831150	437400	53	1	40	25.0	50	39	20	29.00	10.6	5	1.1	295
QD568313	7831125	437400	53	1	35	15.8	45	28	20	12.00	18.9	5	0.9	245
QD568314	7831100	437400	53	1	30	15.2	35	22	<10	10.00	33.0	5	1.1	210
QD568315	7831075	437400	53	1	25	22.0	45	27	20	14.00	24.9	<5	1.0	260
QD568316	7831050	437400	53	1	25	24.0	50	22	20	17.00	17.9	<5	1.0	300
QD568317	7831025	437400	53	<1	25	28.0	45	31	10	13.00	17.0	<5	1.0	340
QD568318	7831000	437400	53	<1	25	36.0	55	30	20	10.00	19.9	<5	0.9	355
QD568319	7830975	437400	53	<1	20	39.0	50	36	20	12.00	15.5	<5	1.0	305
QD568320	7830950	437400	53	<1	20	42.0	45	41	20	12.00	28.0	<5	<0.5	255
QD568321	7830925	437400	53	5	20	29.0	35	37	20	4.00	18.3	<5	1.0	225
QD568322	7830900	437400	53	1	20	19.4	25	22	20	11.00	30.0	<5	<0.5	170
QD568323	7830875	437400	53	11	20	39.0	25	23	20	13.00	39.0	<5	1.0	155
QD568324	7830850	437400	53	<1	20	17.8	20	18	<10	9.00	17.0	<5	1.0	145
QD568325	7830825	437400	53	<1	15	4.2	10	0	<10	5.00	7.1	<5	0.5	135
QD568326	7830800	437400	53	1	15	8.8	20	21	<10	10.00	19.7	<5	0.9	185
QD568327	7830775	437400	53	1	15	17.4	25	40	20	16.00	36.0	<5	<0.5	240
QD568328	7830750	437400	53	<1	20	2.7	20	25	30	7.00	5.0	<5	<0.5	155
QD568329	7830725	437400	53	<1	20	12.2	30	42	20	13.00	28.0	<5	<0.5	235
QD568330	7830700	437400	53	<1	20	7.0	30	39	20	8.00	15.1	<5	1.0	215
QD568331	7830675	437400	53	<1	20	13.1	30	43	20	21.00	30.0	<5	<0.5	253
QD568332	7830650	437400	53	<1	20	9.4	35	43	30	18.00	20.0	<5	<0.5	220
QD568333	7830625	437400	53	1	20	12.7	30	45	20	23.00	31.0	<5	<0.5	255
QD568334	7830600	437400	53	<1	25	6.8	40	39	20	14.00	10.1	<5	<0.5	210
QD568335	7830575	437400	53	8	25	3.9	40	33	30	11.00	4.7	5	1.0	230
QD568336	7830550	437400	53	<1	25	6.2	50	31	20	15.00	10.5	<5	<0.5	240
QD568337	7830525	437400	53	<1	20	14.5	40	49	20	22.00	24.0	<5	<0.5	290
QD568338	7830500	437400	53	<1	25	8.9	45	40	10	16.00	10.1	<5	1.1	260
QD568339	7830475	437400	53	<1	25	6.8	35	42	30	14.00	9.2	5	<0.5	220
QD568340	7830450	437400	53	<1	25	10.0	35	51	20	16.00	13.3	<5	1.0	270

Number of data records printed = 155

TCJV GIGANTIC AREA LAGS - EL7712,7636&ERL

DIG.TECH ASS.TECH MESHSIZE SAMPLE NUMBER	NORTHING AMG	EASTING AMG	AMG ZONE	HFSTB MS -6+2mm FE PCT	HFSTB MS -6+2mm MN PPM	HFSTB MS -6+2mm NI PPM	HFSTB MS -6+2mm PB PPM
QD568309	7831225	437400	53	22.8	220	20	
QD568310	7831200	437400	53	38.5	255	15	
QD568311	7831175	437400	53	35.8	390	15	
QD568312	7831150	437400	53	35.6	210	15	
QD568313	7831125	437400	53	31.9	260	15	
QD568314	7831100	437400	53	34.9	315	15	
QD568315	7831075	437400	53	31.2	235	15	
QD568316	7831050	437400	53	31.5	280	10	
QD568317	7831025	437400	53	33.4	205	10	
QD568318	7831000	437400	53	36.3	190	10	
QD568319	7830975	437400	53	34.8	185	10	
QD568320	7830950	437400	53	39.8	200	5	
QD568321	7830925	437400	53	31.3	190	10	
QD568322	7830900	437400	53	31.2	215	10	
QD568323	7830875	437400	53	32.6	150	5	
QD568324	7830850	437400	53	21.2	125	5	
QD568325	7830825	437400	53	7.4	110	5	
QD568326	7830800	437400	53	20.7	120	5	
QD568327	7830775	437400	53	41.1	245	5	
QD568328	7830750	437400	53	15.7	180	10	
QD568329	7830725	437400	53	39.5	185	5	
QD568330	7830700	437400	53	32.6	170	5	
QD568331	7830675	437400	53	44.3	195	5	
QD568332	7830650	437400	53	36.7	190	5	
QD568333	7830625	437400	53	43.7	235	5	
QD568334	7830600	437400	53	35.1	235	10	
QD568335	7830575	437400	53	31.7	235	15	
QD568336	7830550	437400	53	36.0	175	15	
QD568337	7830525	437400	53	46.7	210	10	
QD568338	7830500	437400	53	37.8	255	10	
QD568339	7830475	437400	53	32.4	300	10	
QD568340	7830450	437400	53	36.5	355	10	

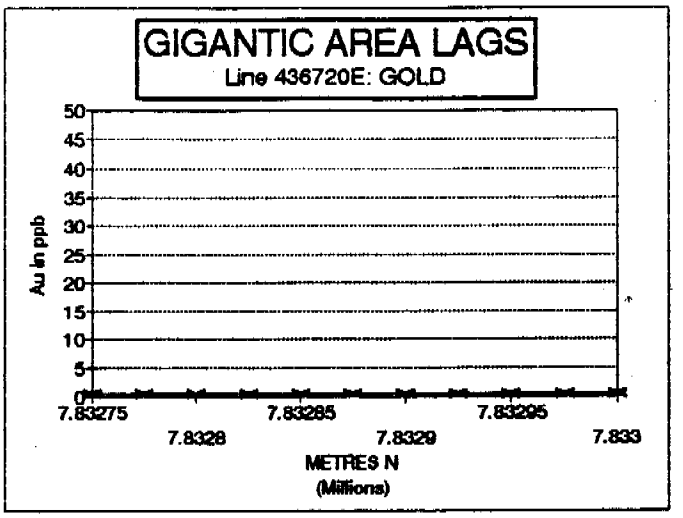
Number of data records printed = 155

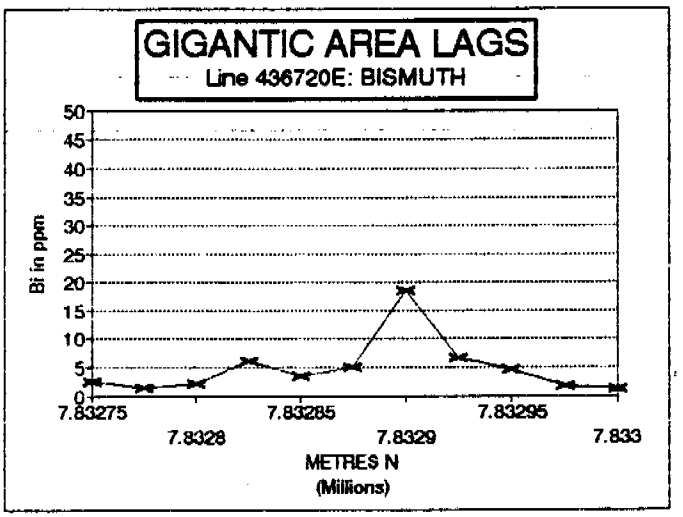
APPENDIX 8

LAG SAMPLING PROFILES FOR

Au, Cu & Bi

Fig. 3


GIGANTIC AREA LAGS
Line 436720E: GOLD
Au in ppb
50
45
40
35
30
25
20
15
10
5
0
7.83275
7.83285
7.83295
7.8328
7.8329
7.833
METRES N
(Millions)


GIGANTIC AREA LAGS
Line 436720E: BISMUTH
Bi in ppm
50
45
40
35
30
25
20
15
10
5
0
7.83275
7.83285
7.83295
7.8328
7.8329
7.833
METRES N
(Millions)

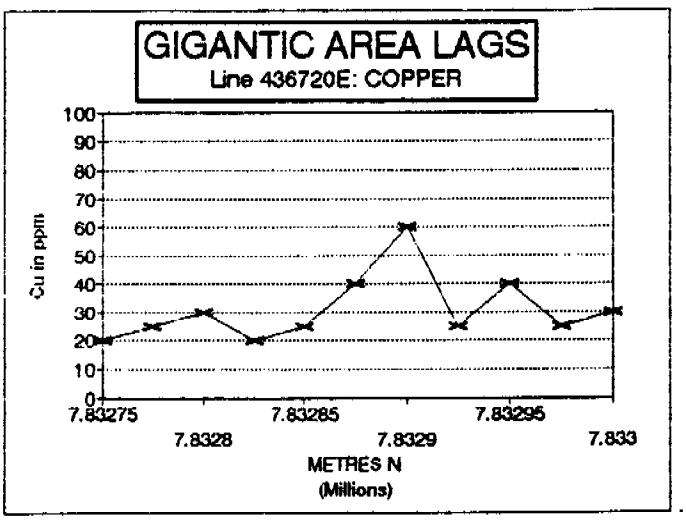
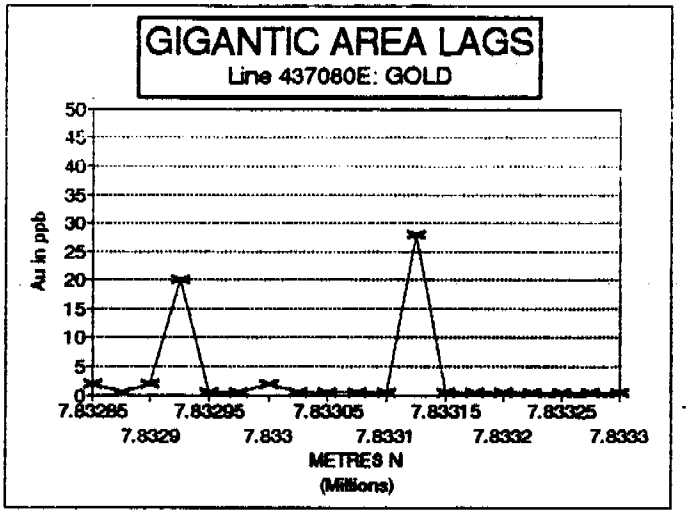
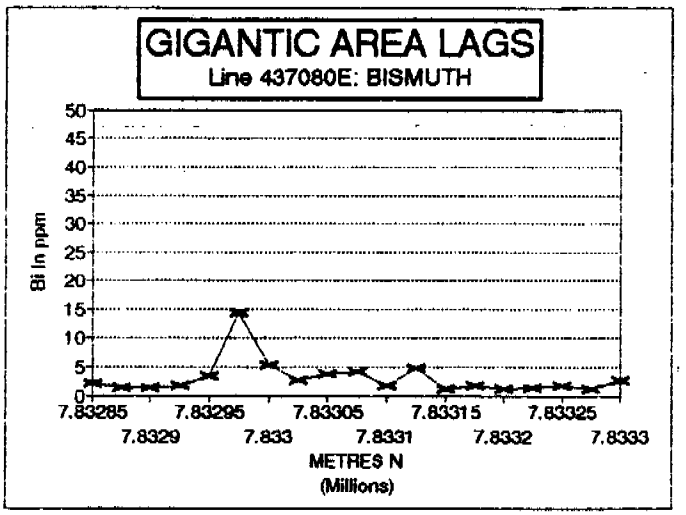

GIGANTIC AREA LAGS
Line 436720E: COPPER
Cu in ppm
100
90
80
70
60
50
40
30
20
10
0
7.83275
7.83285
7.83295
7.8328
7.8329
7.833
METRES N
(Millions)

Fig. 4


GIGANTIC AREA LAGS
Line 437080E: GOLD
Au in ppb
50
45
40
35
30
25
20
15
10
5
0
7.83285
7.83295
7.83305
7.83315
7.83325
7.8329
7.833
7.8331
7.8332
7.8333
METRES N
(Millions)


GIGANTIC AREA LAGS
Line 437080E: BISMUTH
Bi in ppm
50
45
40
35
30
25
20
15
10
5
0
7.83285
7.83295
7.83305
7.83315
7.83325
7.8329
7.833
7.8331
7.8332
7.8333
METRES N
(Millions)

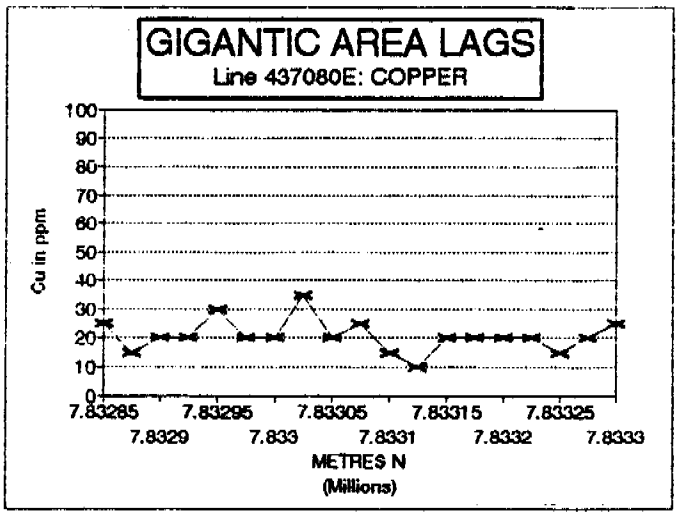
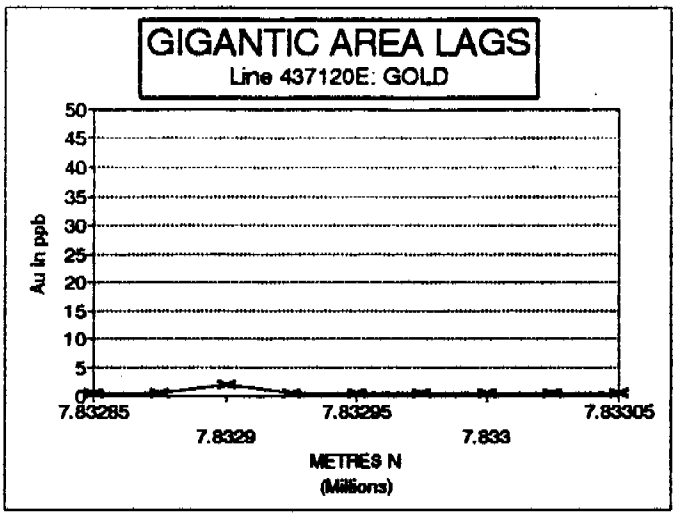
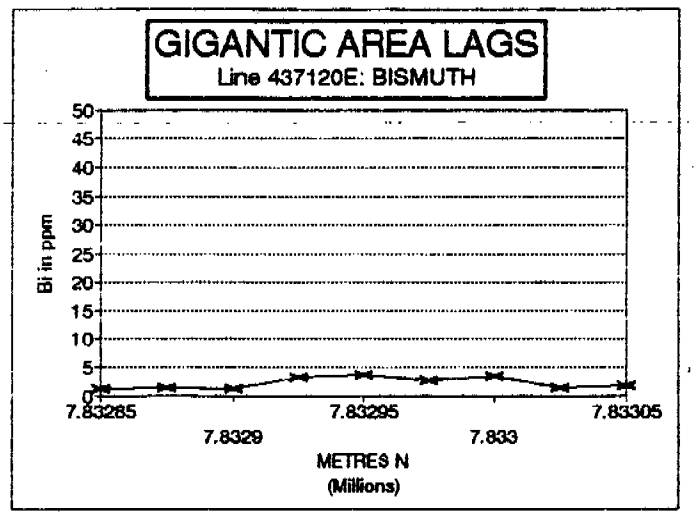

GIGANTIC AREA LAGS
Line 437080E: COPPER
Cu in ppm
100
90
80
70
60
50
40
30
20
10
0
7.83285
7.83295
7.83305
7.83315
7.83325
7.8329
7.833
7.8331
7.8332
7.8333
METRES N
(Millions)

Fig. 5


GIGANTIC AREA LAGS
Line 437120E: GOLD
Au in ppb
50
45
40
35
30
25
20
15
10
5
0
7.83285
7.8329
7.83295
7.833
7.83305
METRES N
(Millions)


GIGANTIC AREA LAGS
Line 437120E: BISMUTH
Bi in ppm
50
45
40
35
30
25
20
15
10
5
0
7.83285
7.8329
7.83295
7.833
7.83305
METRES N
(Millions)

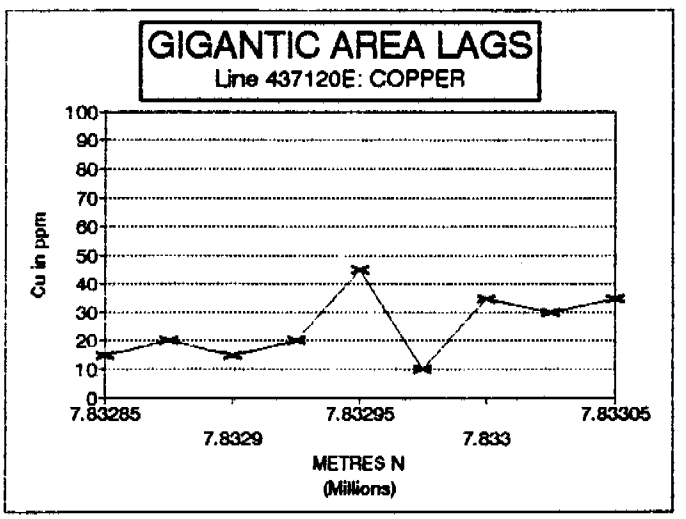
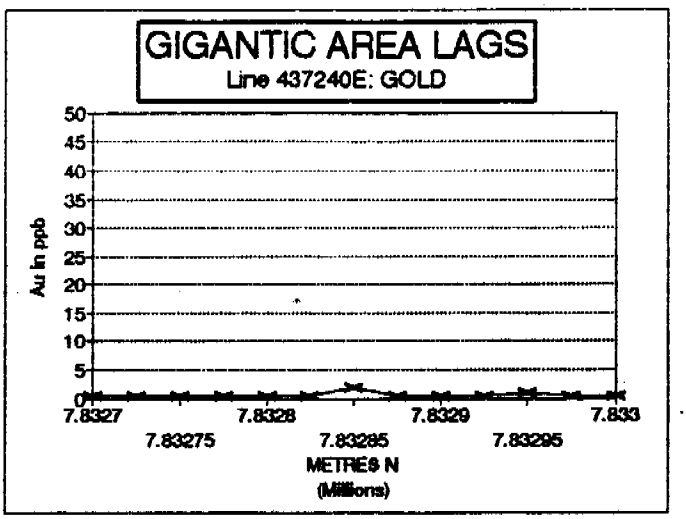
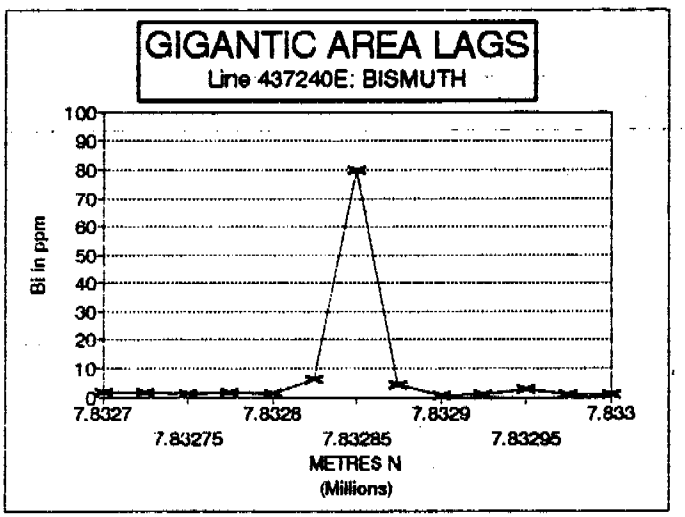

GIGANTIC AREA LAGS
Line 437120E: COPPER
Cu in ppm
100
90
80
70
60
50
40
30
20
10
0
7.83285
7.8329
7.83295
7.833
7.83305
METRES N
(Millions)

Fig. 6


GIGANTIC AREA LAGS
Line 437240E: GOLD
Au in ppb
50
45
40
35
30
25
20
15
10
5
0
7.8327
7.83275
7.8328
7.83285
7.8329
7.83295
7.833
METRES N
(Millions)


GIGANTIC AREA LAGS
Line 437240E: BISMUTH
Bi in ppm
100
90
80
70
60
50
40
30
20
10
0
7.8327
7.83275
7.8328
7.83285
7.8329
7.83295
7.833
METRES N
(Millions)

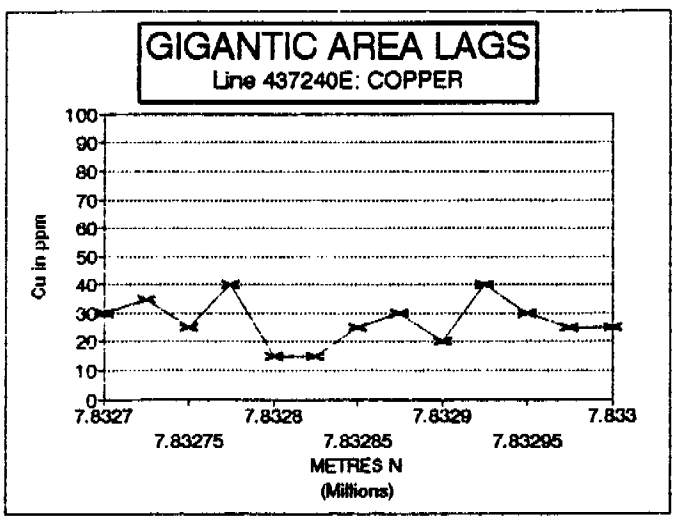
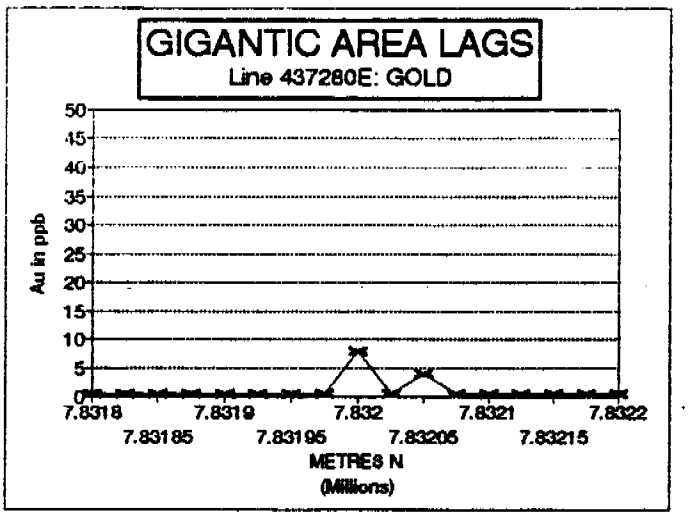
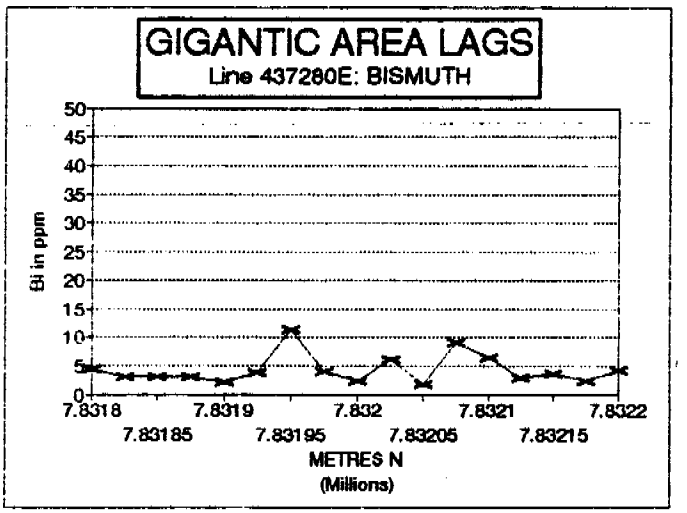

GIGANTIC AREA LAGS
Line 437240E: COPPER
Cu in ppm
100
90
80
70
60
50
40
30
20
10
0
7.8327
7.83275
7.8328
7.83285
7.8329
7.83295
7.833
METRES N
(Millions)

Fig. 7


GIGANTIC AREA LAGS
Line 437280E: GOLD
Au in ppb
50
45
40
35
30
25
20
15
10
5
0
7.8318
7.8319
7.832
7.8321
7.8322
7.83185
7.83195
7.83205
7.83215
METRES N
(Millions)


GIGANTIC AREA LAGS
Line 437280E: BISMUTH
Bi in ppm
50
45
40
35
30
25
20
15
10
5
0
7.8318
7.8319
7.832
7.8321
7.8322
7.83185
7.83195
7.83205
7.83215
METRES N
(Millions)

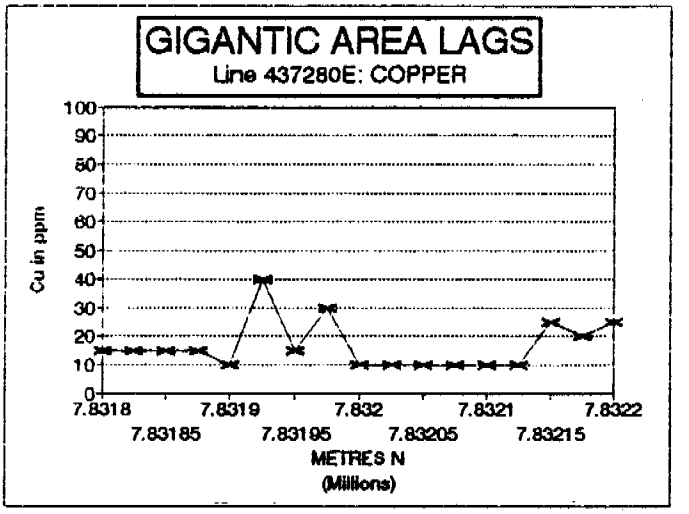
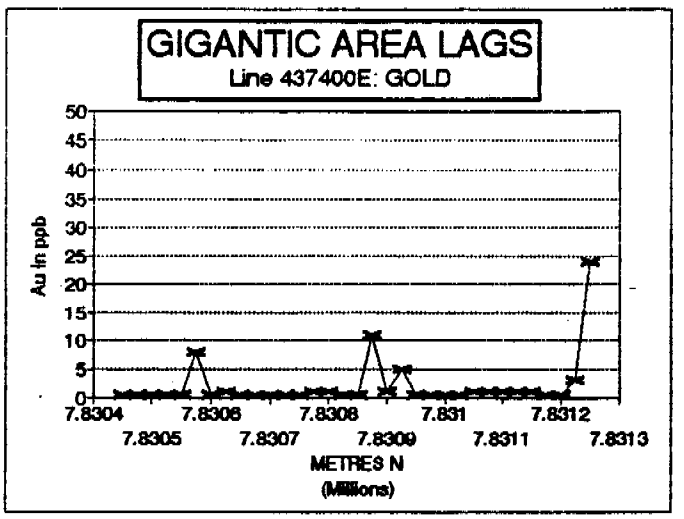
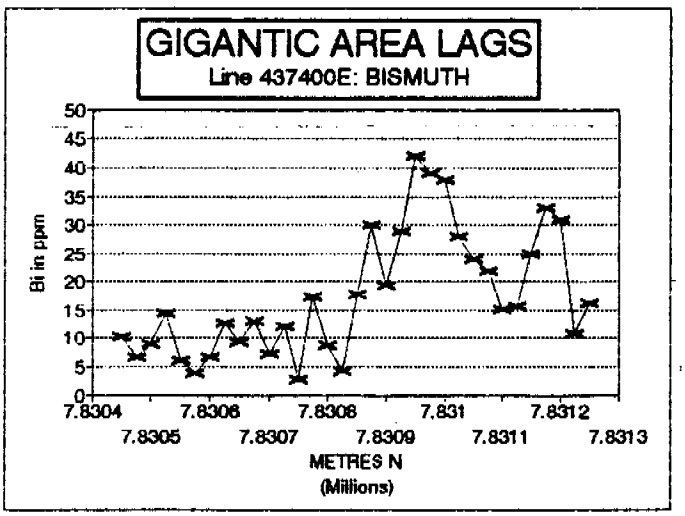

GIGANTIC AREA LAGS
Line 437280E: COPPER
Cu in ppm
100
90
80
70
60
50
40
30
20
10
0
7.8318
7.8319
7.832
7.8321
7.8322
7.83185
7.83195
7.83205
7.83215
METRES N
(Millions)

Fig. 5


GIGANTIC AREA LAGS
Line 437400E: GOLD
Au in ppb
50
45
40
35
30
25
20
15
10
5
0
7.8304
7.8305
7.8306
7.8307
7.8308
7.8309
7.831
7.8311
7.8312
7.8313
METRES N
(Millions)


GIGANTIC AREA LAGS
Line 437400E: BISMUTH
Bi in ppm
50
45
40
35
30
25
20
15
10
5
0
7.8304
7.8305
7.8306
7.8307
7.8308
7.8309
7.831
7.8311
7.8312
7.8313
METRES N
(Millions)

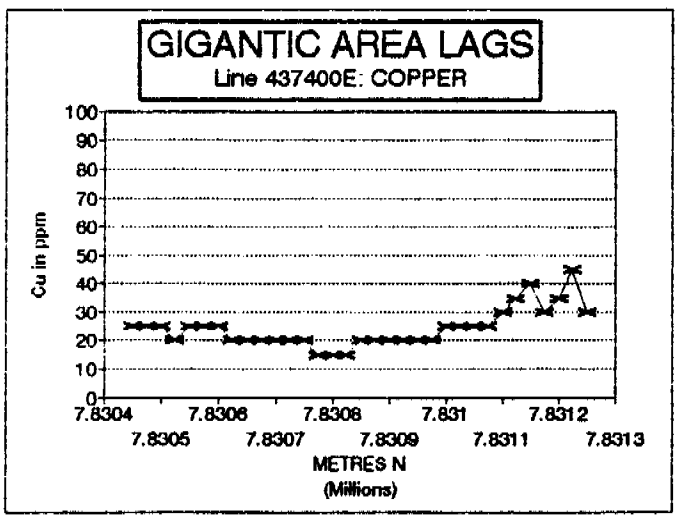
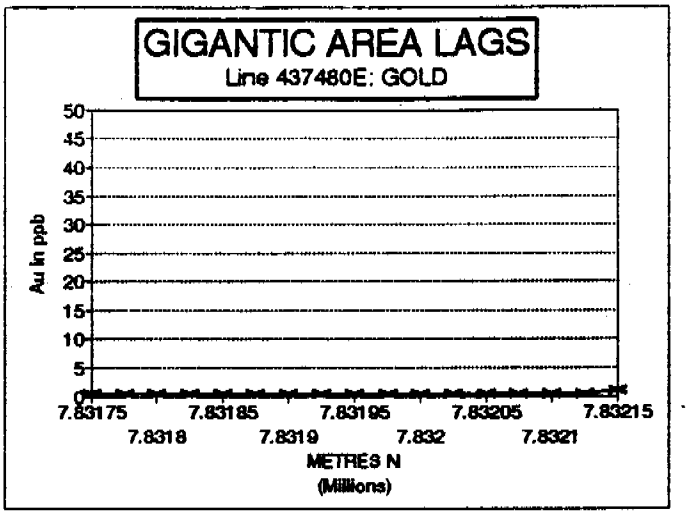
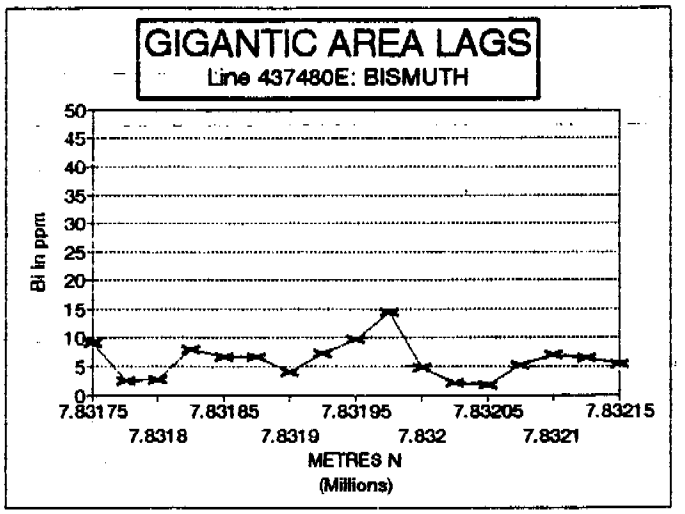

GIGANTIC AREA LAGS
Line 437400E: COPPER
Cu in ppm
100
90
80
70
60
50
40
30
20
10
0
7.8304
7.8305
7.8306
7.8307
7.8308
7.8309
7.831
7.8311
7.8312
7.8313
METRES N
(Millions)

Fig. 9


GIGANTIC AREA LAGS
Line 437480E: GOLD
Au in ppb
50
45
40
35
30
25
20
15
10
5
0
7.83175
7.83185
7.83195
7.83205
7.83215
7.8318
7.8319
7.832
7.8321
METRES N
(Millions)


GIGANTIC AREA LAGS
Line 437480E: BISMUTH
Bi in ppm
50
45
40
35
30
25
20
15
10
5
0
7.83175
7.83185
7.83195
7.83205
7.83215
7.8318
7.8319
7.832
7.8321
METRES N
(Millions)

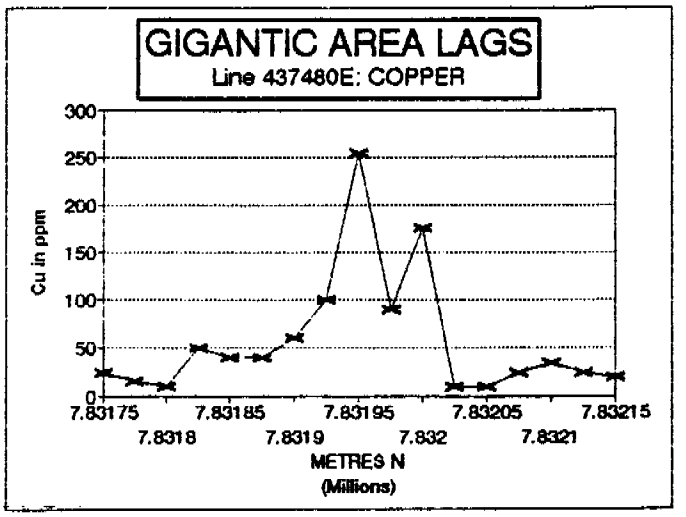
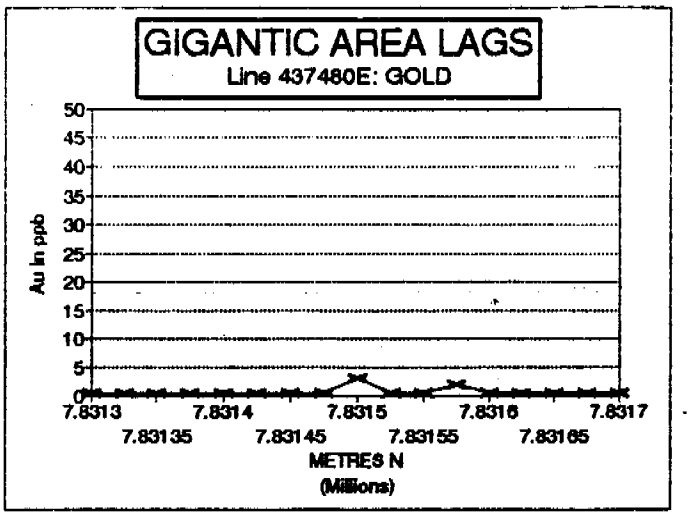
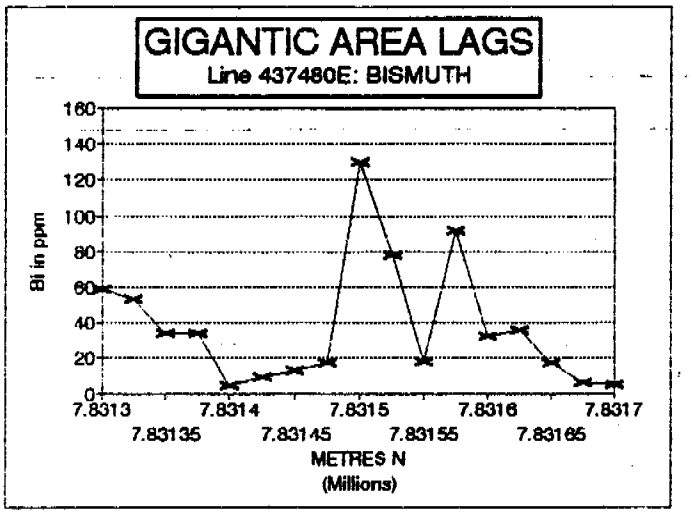

GIGANTIC AREA LAGS
Line 437480E: COPPER
Cu in ppm
300
250
200
150
100
50
0
7.83175
7.83185
7.83195
7.83205
7.83215
7.8318
7.8319
7.832
7.8321
METRES N
(Millions)

Fig. 10


GIGANTIC AREA LAGS
Line 437480E: GOLD
Au in ppb
50
45
40
35
30
25
20
15
10
5
0
7.8313
7.8314
7.8315
7.8316
7.8317
7.83135
7.83145
7.83155
7.83165
METRES N
(Millions)


GIGANTIC AREA LAGS
Line 437480E: BISMUTH
Bi in ppm
160
140
120
100
80
60
40
20
0
7.8313
7.8314
7.8315
7.8316
7.8317
7.83135
7.83145
7.83155
7.83165
METRES N
(Millions)

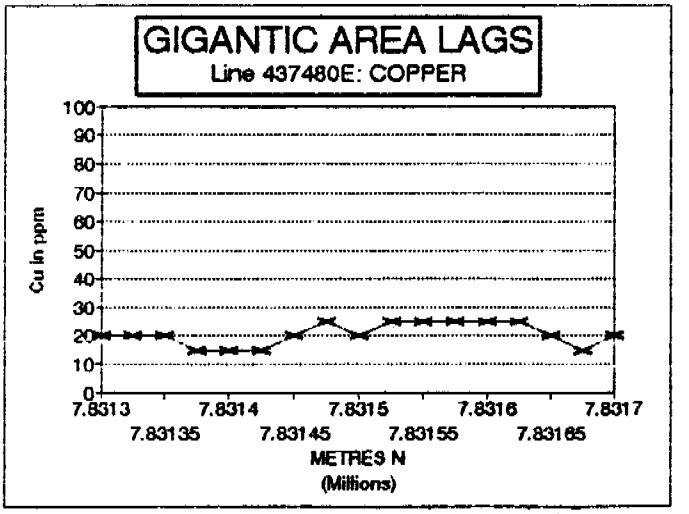
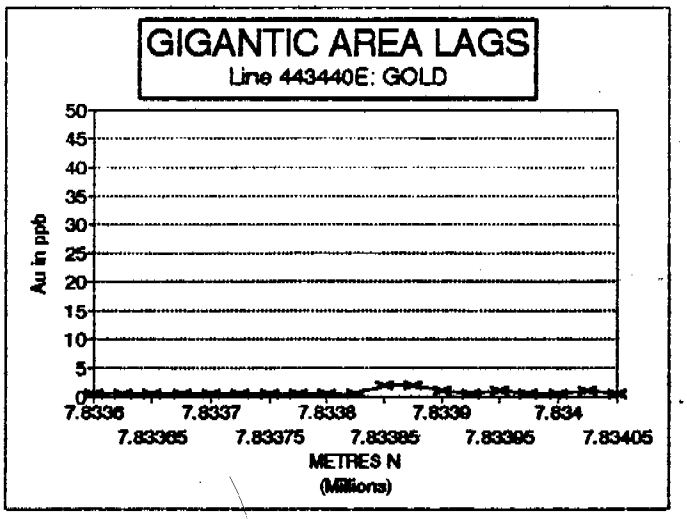
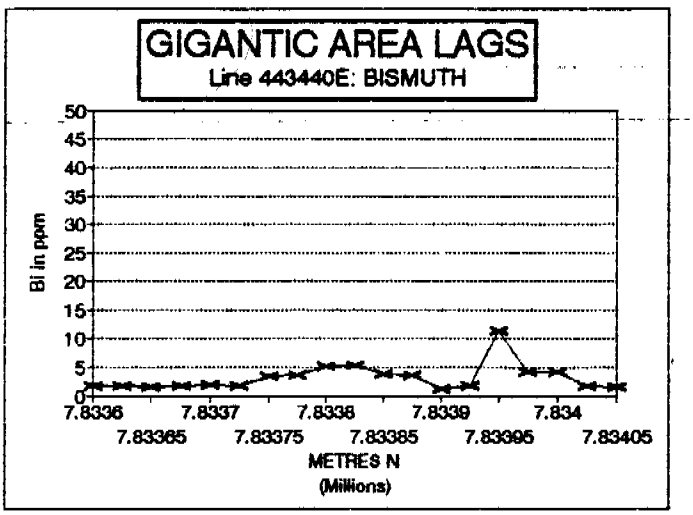
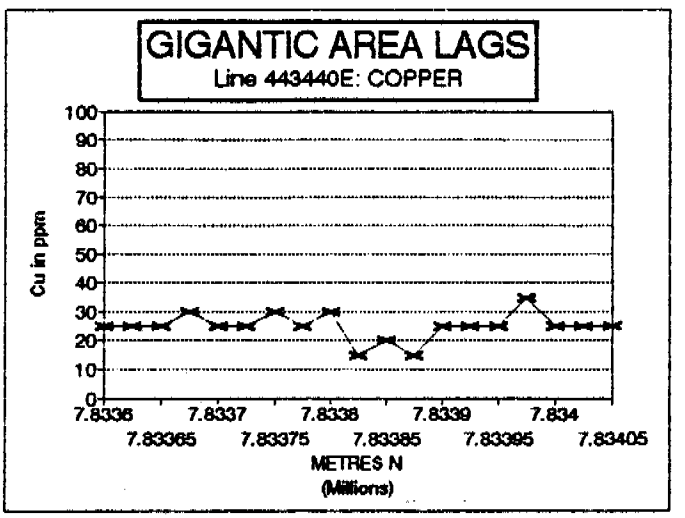

GIGANTIC AREA LAGS
Line 437480E: COPPER
Cu in ppm
100
90
80
70
60
50
40
30
20
10
0
7.8313
7.8314
7.8315
7.8316
7.8317
7.83135
7.83145
7.83155
7.83165
METRES N
(Millions)

Fig. 1


GIGANTIC AREA LAGS
Line 443440E: GOLD
Au in ppb
50
45
40
35
30
25
20
15
10
5
0
7.8336
7.8337
7.8338
7.8339
7.834
7.83365
7.83375
7.83385
7.83395
7.83405
METRES N
(Millions)


GIGANTIC AREA LAGS
Line 443440E: BISMUTH
Bi in ppm
50
45
40
35
30
25
20
15
10
5
0
7.8336
7.8337
7.8338
7.8339
7.834
7.83365
7.83375
7.83385
7.83395
7.83405
METRES N
(Millions)


GIGANTIC AREA LAGS
Line 443440E: COPPER
Cu in ppm
100
90
80
70
60
50
40
30
20
10
0
7.8336
7.8337
7.8338
7.8339
7.834
7.83365
7.83375
7.83385
7.83395
7.83405
METRES N
(Millions)

APPENDIX 9

RC PERCUSSION DRILLING LOGS

EXPLORATION DIVISION

Form 270

SAMPLE DATA SHEET

SAMPLE NUMBER	DRILL HOLE FROM / TO OR SAMPLE CO-ORDINATE N/S E/W	DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated) MAG Sus
DA6911 190	0 1	Ncy Soils + scree	0.44
191	1 2	Sw-sx Mv-Gy lithic wacke — sx	0.42
192	2 3		0.24
193	3 4		0.23
194	4 5		0.21
195	5 6	Ssh-h Hematitic shale (mauve)	0.22
196	6 7		0.25
197	7 8		0.46
198	8 9		0.54
199	9 10		0.50
200	10 11	Sh/Sw Mauve hematic shale + wacke — u	0.42
201	11 12	Sw th Wacke with spec hm veins + red banded jasper	0.86
202	12 13	Sw th Hm - wacke with spec h vns	0.59
203	13 14	Sw th Hm - wacke	0.18
204	14 15	Sw th Wacke + shale	0.22
205	15 16	Ssh-h Shale — u	0.29
206	16 17	Sw-h Wacke	0.26
207	17 18	Sw th " with seams /fracs of spec h	0.21
208	18 19	" Dith	0.20
209	19 20	" Dith + 2% vein qtz	0.33
210	20 21	Ssh-sl Silic hm shale — qtz + jaspericed — u	0.78
211	21 22	Ssh-j-h Jaspericed hematitic shale with spec h + trace mt	0.66
212	22 23		0.60
213	23 24		0.37
214	24 25		0.41
215	25 26		0.43
216	26 27		0.89
217	27 28		0.40
218	28 29		0.75
DA6912 19	29 30	Ssh-j-h. Small sample	0.95

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

SAMPLING RECORD

Material: RC

Depth

Sampled By: MW

Map Ref:

Laboratory Request No.

Date:

LINE No.

FROM

Photo No.

TO

Bearing

PROJECT

Region: EASTERN

Project: TCJV

Prospect: Golden Hill

Cost Code: 3957/4073

DRILLING RECORD

Drill Type: W650

R.L. m Water Table At m

Dip -60° Azm 176° MAG

Date: Dec '92

CO-ORDINATES

7831985 m N/S

437480 m E/W

HOLE No TCGC28

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM	TO		DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated) MAG SUS
DA691220	30	31	Ssh-jh	Jaspersed shale + spec hm	0.69
21	31	32	Q+h	Qtz + coarse spec h 50% Sw-h 50%	0.69
22	32	33	Swth	C.g. spec h (frags to 7mm) in Sw	0.60
23	33	34	Ssh-h	Hematitic shale - stg cvge.	0.25
24	34	35			0.29
25	35	36			0.25
26	36	37			0.29
27	37	38			0.27
28	38	39			0.27
29	39	40			0.31
30	40	41			0.36
31	41	42	Ssh+Sw	+ wacke	0.26
32	42	43	Ssh+Sw		0.33
33	43	44	Ssh-Sw		0.70
34	44	45	Sw-h	freshening	0.66
35	45	46	Swh	Hematitic wacke	0.87
36	46	47	Swh		0.63
37	47	48	Swh	; minor shale	0.35
38	48	49	Sw/Ssh-h		0.24
39	49	50	Ssh(h)	Weakly hematitic shale; mod-stg cvge	0.25
40	50	51			0.33
41	51	52			0.27
42	52	53			0.28
43	53	54			0.23
44	54	55		Minor incr altn	0.26
45	55	56	Ssh/Sw(h)	Trace hm in shale + wacke	0.30
46	56	57			0.34
47	57	58			0.50
48	58	59			0.65
DA691249	59	60			0.85

SAMPLING RECORD

Material: RC
Map Ref:
Depth
Laboratory Request No.
Sampled / Logged By:
Date:
LINE No.:
FROM
TO
Photo No.
Bearing

PROJECT

Region: EASTERN
Project: TCJV
Prospect: Goss Hill
Cost Code:

DRILLING RECORD

Drill Type:
R.L. m
Water Table At m
Dip
Azm
Date:
CO-ORDINATES: 7831985 m N/S; 437480 m E/W
HOLE No: TCEC28

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM (N/S)	TO (E/W)		DESCRIPTION	MAG Sus
DA691250	60	61	Sw	Weakly hematitic wacke	0.64
51	61	62	Sw/Ssh	Wacke + shale	0.85
52	62	63	Sw/Ssh	ditto	0.36
53	63	64	Ssh	Shale	0.33
54	64	65	Sw	Wacke	0.48
55	65	66	Ssh-cb	Chloritic shale + 10% grey sugary dolomite	0.53
56	66	67	"	Ditto	0.46
57	67	68	Ssh-tc-cb	Chl-talc shale with gy-gn sugary dolomite	0.53
58	68	69	"	Ditto	0.41
DA691259	69	70	cb	Grey-brown sugary dolomite	0.46
DA691587	70	71	Sh-tc/cb	Chl-talc alt shale/siltst with sugary dolomite	0.47
88	71	72			0.41
89	72	73			0.01
90	73	74			0.26
91	74	75			0.47
92	75	76			0.63
93	76	77	+h	Trace spec hm in sugary dol.	0.61
94	77	78	+h	Ditto	0.71
95	78	79	Ssl-h-cb	Spec hm, dolomite + minor Chl-Tc alt siltst	0.10
96	79	80	Ssl-chl-tc	Chl-talc alt sed	0.17
97	80	81		" " " "	0.33
98	81	82	Ssl-chl-tc-cb	" " " " with 50% sugary dolomite, some pk banding	0.22
599	82	83		Chl-talc sed	0.04
600	83	84		" " + 75% dol. XRD = Dol, calc, q, talc.	0.24
601	84	85		" " with spec hm vng	0.05
602	85	86		Ditto	0.30
603	86	87		Ditto	0.28
604	87	88		Ditto - minor	0.45
605	88	89		Chl-talc sed with q vns 50% dolomite + spec hm	0.21
DA691606	89	90		Ditto	0.22

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

SAMPLING RECORD

Material:
Depth:
Sampled / Logged By:
Map Ref:
Laboratory Request No.
Date:
LINE No.:
FROM
TO
Photo No
Bearing

PROJECT

Region
Project
Prospect :
Cost Code:

DRILLING RECORD

Drill Type:
R.L. m Water Table At m
Dip Azm
Date
CO-ORDINATES 7831985 m N/S
437480 m E/W
HOLE No TCGC28

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM	TO	CODE	DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated) MAG SUS.
DA 691607	90	91	Sst-cb-chlt	Chl-tc seal with bright wh q vns	0·11
08	91	92		Ditto	0·17
09	92	93		Massive carbonate with pk hm staining + gn chl-tc staina	0·24
10	93	94		Ditto	0·09
11	94	95		Ditto - with minor gy shale	0·05
12	95	96			0·28
13	96	97			0·01
14	97	98			0·96
15	98	99			1·09
16	99	100			0·56
DA 691617	100	101		EOH.	0·23

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

SAMPLING RECORD

Material: RC	Depth	Sampled Logged By: MW
Map Ref:	Laboratory Request No.	Date:
LINE No.	FROM	Photo No.
	TO	Bearing

PROJECT

Region: EASTERN
Project: TCJV
Prospect: Gossan Hill
Cost Code:

DRILLING RECORD

Drill type:
R.L. m Water Table At m
Dip Azm
Date

CO-ORDINATES
7 831 985 m N/S
437 480 m E/W

HOLE No TC GC28

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM	TO	DESCRIPTION		ANALYTICAL DATA (Values in ppm unless otherwise stated)	MAG SUS
DA691260	0	1	Ncy	Soils / scree		0.79
61	1	2	Swh-ox	Oxidised hematitic wacke		0.32
62	2	3	↓	↓		0.21
63	3	4				0.23
64	4	5				0.18
65	5	6		; minor shale		0.18
66	6	7		; " "		0.24
67	7	8		;		0.25
68	8	9		; with spech on fract		0.47
69	9	10				0.22
70	10	11				0.37
71	11	12				0.37
72	12	13		; minor spech		0.63
73	13	14		; some shale		0.19
74	14	15		; " "		0.32
75	15	16		;		0.19
76	16	17				0.23
77	17	18				0.40
78	18	19	↓	↓ — u		0.78
79	19	20	Ssh-ox	Oxidised hematitic shale ; minor wacke		0.36
80	20	21	↓	↓		0.26
81	21	22		↓ freshening		0.47
82	22	23				0.30
83	23	24	↓	↓ ; minor wacke — u.		0.62
84	24	25	Sw-ox	Oxid hematitic wacke		0.72
85	25	26	Sw-ox	" " " + gy shale		0.85
86	26	27	Ssh	Grey shale.		0.69
87	27	28	Sw-ox	Oxid wacke		1.47
88	28	29	Sw-ox	" " - Freshening ; base of complete oxidation		1.01
DA691289	29	30	Ssh	Grey shale		1.42

SAMPLING RECORD

Material: RC
Depth:
Sampled / Logged By: MW.
Map Ref:
Laboratory Request No.:
Date:
LINE No.:
FROM
TO
Photo No
Bearing

PROJECT

Region: EASTERN
Project: TCJV
Prospect: Gossan Hill
Cost Code: 3957/4073

DRILLING RECORD

Drill Type: W650
R.L. m
Water Table At m
Dip: -60°
Azm: 176° mag
Date: Dec '92
CO-ORDINATES: 7831990 m N; 437520 m E
HOLE No: TCGC29

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM (or SAMPLE CO-ORDINATE N/S)	DRILL HOLE DEPTH TO (or SAMPLE CO-ORDINATE E/W)		DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated)	MAG SUS
0A691290	30	31	Ssh-o	Part oxid grey shale	— "	0.60
91	31	32	Sw-h-o	Pk-Or, part oxid haematitic wacke		0.73
92	32	33	↓	↓		0.59
93	33	34		↓ freshening;		0.34
94	34	35		chl alt^n apparent		0.65
95	35	36				0.42
0A691296	36	37			" — "	0.36
0A691618	37	38		Part oxid wacke + altered sandy siltstone (oxid chl alt^n)		0.63
0A691297	38	39	Ssl(c)	weakly chloritic siltstone; 50% oxid.		0.85
298	39	40	↓	↓		0.55
299	40	41				0.82
300	41	42				0.68
01	42	43				0.89
02	43	44				0.55
03	44	45				0.98
04	45	46	Ssh-(c)	weakly chloritic shale ↓ grad		0.59
05	46	47	↓	↓		0.40
06	47	48				0.41
07	48	49				0.33
08	49	50		50% + mildly chloritic wacke 50%		0.55
09	50	51		chloritic shale - strong c-vge.		0.38
10	51	52		" " + wacke		0.91
11	52	53	Sw-c	chloritic wacke + trace vein qtz + mt	— "	0.29
12	53	54	Sw-c-tc	chloritic + talc altered ~~shale~~ wacke.		2.00
13	54	55	Sw-c-tc-h	Ditto; with spec hm dissems.	XRD=dol, chl, tc, hm?	8.78
14	55	56	Cb, chl, tc	Sugary dolomite. 90% with chl-tc selvedges		1.53
15	56	57	Sl-chl-hm-mt	Chl-hm-mt rock, prob vein zone in chl alt siltst.		12.79
16	57	58	Sl-tc-hm-mt	Talcose rock, hm/mt veining; some dol??	XRD= Tc, hm, vermic/mt)	120.00
17	58	59	"	50% sugary dolomite, 50% chl-tc-hm-mt		3.03
0A691318	59	60	"	Talc rock, with chl-hm-mt vns	XRD= Tc, hm, (q, chl)	20.90

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

SAMPLING RECORD		
Material: RC	Depth	Sampled / Logged By:
Map Ref:	Laboratory Request No.	Date:
LINE No.	FROM	Photo No
	TO	Bearing

PROJECT	
Region	Eastern
Project	TCJV
Prospect	Possum Hill
Cost Code:	

DRILLING RECORD		
Drill Type: W650		CO-ORDINATES: 783990 m N/S
R.L. m	Water Table At m	437520 m E/W
Dip -60°	Azm 176° mag	HOLE No TCRC 29
Date Dec '92		

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM / OR / TO — SAMPLE CO-ORDINATE N/S E/W	DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated) MAG SUS
DA69131 9	60 64	Sh-c-k-hm Chloritic + talcose siltstone with mt-hm vns	160 0
20	61 62	Ditto; unveined material is dark grey	5·9
21	62 63	Ditto; some hm-mt chips to 7mm. — u	9·1
22	63 64	Cb-h Grey sugary dolomite with spec h + minor mt vns	8·6
23	64 65	Cb-h Ditto	1·43
24	65 66	Cb-h-q Ditto, but minor speck + 10% bright white vn qtz — u	0·8
25	66 67	Ssh-c Grey chloritic shale with spec h vns (to 8mm chips)	4·96
26	67 68	"	0 81
27	68 69	" XRD = ch, hm, q	0 53
28	69 70	"	0 59
29	70 71	" — u	0·68
30	71 72	Ssh-c-k-hm Dark gy-gn chloritic shale with minor hm, tc + mt.	0·96
31	72 73	Ditto, inc Fe-O	5·15
32	73 74	Ssl-c-hm Chloritic siltstone with hm+mt vns + 20% sugary dol	0·45
33	74 75	Cb-h Mainly dol; some tc + speck h XRD = dol, chl, ?tc, q,	0·71
34	75 76	Cb-h Ditto	0·60
35	76 77	Cb-h Ditto	0·62
36	77 78	Sh-c-cb Dark gy-gn chloritic shale; some dol ?flooding — u	0·25
37	78 79	Ssh-c-hm/h Chloritic + hematitic shale; disseminated spec h + mt.	12·0
38	79 80	Prob mt/hm veined chloritic shale.	0·20
39	80 81	Ditto	1·36
40	81 82	Ditto	2·2
41	82 83	Chloritic shale with minor hm/mt veins	4·02
42	83 84	Ditto	4·20
43	84 85	Cb/ssh-c Dolomitic + chl shale	1·05
44	85 86	Chloritic shale + subcrete — u	1·41
45	86 87	Ssh-h Red hematitic shale — sharp 'base' to lode — u	1·30
46	87 88		0·68
47	88 89		0·58
DA69134 8	89 90		1·05

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

SAMPLING RECORD

Material: RC	Depth:	Sampled / Logged By:
Map Ref:	Laboratory Request No.	Date:
LINE No.	FROM	Photo No.
	TO	Bearing

PROJECT

Region: EASTERN
Project: TCJV
Prospect: Goessin Hill
Cost Code:

DRILLING RECORD

Drill Type:
R.L. m Water Table At m
Dip Azm
Date:

CO-ORDINATES
7831990 m N/S
437520 m E/W

HOLE No TCGC29

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM / SAMPLE CO-ORDINATE N/S	TO / E/W	DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated) MAG SUS
DA691349	90	91	Brick red hematitic, laminated shale; wtr seepage	0.52
50	91	92	↓	0.78
51	92	93		1.01
52	93	94		0.59
53	94	95		0.55
54	95	96		0.61
55	96	97		2.04
56	97	98		1.21
57	98	99		0.66
DA691358	99	100	EOH 100.0m	0.74

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

SAMPLING RECORD

Material: RC
Depth
Sampled / Logged By:
Map Ref:
Laboratory Request No.
Date:
LINE No.:
FROM
TO
Photo No
Bearing

PROJECT

Region: "
Project: TCJV
Prospect: Goss Hill
Cost Code:

DRILLING RECORD

Drill Type:
R.L. m
Water Table At m
Dip
Azm
Date:
CO-ORDINATES 7831990 m N/S
437520 m E/W
HOLE No: TCGC 29

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM	TO		DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated)
DAG91359	0	1	Ncy	Soils + Scree	1.17
60	1	2	Sw-h-ox	Oxid hematitic ?wacke	0.30
61	2	3		" " "	0.36
62	3	4		Oxid hematitic wacke - TN Bn	0.36
63	4	5		Tn-Bn oxid " "	0.36
64	5	6		" " " "	0.30
65	6	7		" " " "	0.31
66	7	8		Gy Bn " " "	0.29
67	8	9		" " "	0.30
68	9	10	Sw-h-ox	" " "	0.37
69	10	11	Ssl-h-ox	Bk red hematitic, oxidised shale	0.25
70	11	12	Sslh-ox	" " " "	0.30
71	12	13	Ssl-h-ox	Hematitic siltstone, minor ox spec hm vns	0.32
72	13	14		" " incr " " " "	0.36
73	14	15	Swh-ox	Oxid hematitic wacke " " "	0.28
74	15	16	Sw-h	" " "	0.32
75	16	17	Sw-h	" " "	0.30
76	17	18	Sw-h	" " " + minor oxid spec hm vns	0.49
77	18	19	Sw-h	" " " minor vn qtz + oxid spec hm	0.57
78	19	20	Sw-h-tq	" " " with incr vn qtz	0.49
79	20	21	Sw-h-tq	" " " with ?15% vn qtz	0.43
80	21	22	Sw-h-tq	" " " " minor " "	0.45
81	22	23	Sw-h-sil	Oxid, but part silicified wacke; minor qtz	0.32
82	23	24	Ssl-h(c)-ox	Oxid, chl alt siltstone (alt wacke?) minor qtz (start lode?)	0.41
83	24	25	Ssl-h-c-ox	Gy-gn oxid chl alt) siltstone.	0.58
84	25	26	Ssl-c-mt-hm	Gy-gn chl alt shale? with mt/hm; XRD = Smec, Kaol, q, goeth, hm.	0.43
85	26	27	Ssl-mt-hm-c	Oxid mt + hm in chl alt, oxid ?wacke? (texture by mag?) prob sh	8.75
86	27	28	Ssl-mt-hm-c	" " " " " " Ssl; XRD = hm, q, goeth.	14.30
87	28	29	Ssl-mt-hm	Ditto	42.40
DA691388	29	30	Ssl-mt-hm	Ditto; incr oxid of Fe-O	18.10

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

SAMPLING RECORD

Material: RC

Depth

Sampled / Logged By: MW

Map Ref:

Laboratory Request No.

Date:

LINE No.:

FROM

TO

Photo No

Bearing

PROJECT

Region: EASTERN

Project: TCJV

Prospect: Bossan Hill

Cost Code: 3957

DRILLING RECORD

Drill Type: W650

R.L. m

Water Table At m

Dip -60°

Azm 176 mag

Date: Dec '92

CO-ORDINATES: 7831958 m N/S; 437520 m E/W

HOLE No TCGC 30

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM (OR SAMPLE CO-ORDINATE N/S)	TO (E/W)		DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated)
DA691389	30	31	Sst-tc	Oxid, prob talc alt chloritic siltstone; minor hm+mt	0·80
90	31	32	↓	Gn-gy oxid tc-chl alt silt, with minor pink hm sills	0·60
91	32	33		Ditto	0·44
92	33	34		Gn-gy oxid chl-tc alt siltstone	0·85
93	34	35		" " " " "	0·58
94	35	36	↓	" " " " " " XRD = q, vermic, chl, hm, geth	0·53
395	36	37	Sst-tc-chl	" " " " " " ---u	0·51
396	37	38	Sw-c/Sw-h	Mix of chl + hematitic wackes; (wk only chl alt)	0·54
397	38	39	"	ditto	0·65
398	39	40	"	ditto	0·63
399	40	41	Sw-h	Mostly mildly hematitic wacke.	0·34
400	41	42	Sw	non hematitic 'reduced'? wacke; mod fabric	0·36
401	42	43	↓	Ditto	0·64
02	43	44		Ditto	0·60
03	44	45		ditto	0·61
04	45	46	↓	Ditto	0·63
05	46	47	Sw	Ditto; some hematitic	0·64
06	47	48	Sw-h	Mildly hematitic wacke.	0·44
07	48	49	Sw-h	" " " + some shale ---u.	0·28
08	49	50	Sh-h	Hematitic shale	0·54
09	50	51	↓	" "	0·45
10	51	52		" "	0·46
11	52	53		" "	0·31
12	53	54		" "	0·29
13	54	55	↓	" "	1·18
14	55	56	Ssh-h	"	0·42
15	56	57	Sw-h	Mildly hematitic wacke	0·55
16	57	58	Sw-h	" " " ---u.	0·85
17	58	59	Ssl-h	Hematitic siltstone	0·51
DA691418	59	60	Ssl-h	" "	0·38

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

SAMPLING RECORD

Material: RC
Depth:
Sampled / Logged By:
Map Ref:
Laboratory Request No.
Date:
LINE No.:
FROM
TO
Photo No.
Bearing

PROJECT

Region: EASTERN
Project: TCJV
Prospect: Cossen Hill
Cost Code: 3957/4073

DRILLING RECORD

Drill Type: W650
R.L. m
Water Table At m
Dip: -60°
Azm: 176° mag
Date: Dec '92
CO-ORDINATES: 7831958 m N/S; 437520 m E/W
HOLE No.: TCGC 30

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM (N/S)	TO (E/W)	DESCRIPTION		ANALYTICAL DATA (Values in ppm unless otherwise stated)
DA691419	60	61	Swth	Pk hematitic wacke	0.40
20	61	62			0.34
21	62	63			0.47
22	63	64			0.43
23	64	65			0.36
24	65	66			0.48
25	66	67			0.55
26	67	68			0.78
27	68	69			0.40
28	69	70			0.62
29	70	71		Ditto ; minor shale	0.69
30	71	72		Pink hematitic wacke	0.90
31	72	73			0.58
32	73	74			0.91
33	74	75			0.64
34	75	76			0.63
35	76	77			0.48
DA691436	77	78		EOH 78.0m	0.36

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

SAMPLING RECORD

Material: RC
Depth
Sampled / Logged By:
Map Ref:
Laboratory Request No:
Date:
LINE No.:
FROM
Photo No
TO
Bearing

PROJECT

Region: E
Project: TCJV
Prospect: Gossan Hill
Cost Code: 3957/4073

DRILLING RECORD

Drill Type:
R.L. m
Water Table At m
Dip
Azm
Date:
CO-ORDINATES 7831958 m N/S
437520 m E/W
HOLE No: TCGC30

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM (or SAMPLE CO-ORDINATE N/S)	TO (or E/W)	DESCRIPTION		ANALYTICAL DATA (Values in ppm unless otherwise stated) MAG SUS
DA691437	0	1	Nc	Soils + scree.	0.68
38	1	2	Ssl-h	Oxid hematitic siltstone + shale	0.40
39	2	3	Ssl-h-ox	Tan-pink oxid hematite siltstone	0.46
40	3	4	↓	↓	0.38
41	4	5			0.51
42	5	6			0.46
43	6	7			0.67
44	7	8	Ssl-h-ox	— u	0.49
45	8	9	Ssh-h-ox	Red oxid hematitic shale	0.50
46	9	10	↓	↓	0.42
47	10	11			0.45
48	11	12			0.40
49	12	13	Ssh-h-ox	u	0.53
50	13	14	Sw-h-ox	Tan-pink mildly oxid hematitic wacke	0.52
51	14	15		↓	0.30
52	15	16			0.46
53	16	17	Sw-h-ox		0.52
54	17	18	Ssh-h-ox	Red ox shale-h	0.38
55	18	19			0.59
56	19	20	Ssl-h-ox	Red oxid siltstone; minor wacke.	0.41
57	20	21	↓	↓	0.55
58	21	22			0.48
59	22	23			0.47
60	23	24	Ssl-h-ox		0.35
61	24	25	Sw-h-ox	Wacke interval	0.46
62	25	26	Ssh-h-ox	Red hematitic shale; some oxid spec h vns	0.56
63	26	27	↓	↓	0.53
64	27	28			0.39
65	28	29			0.45
DA691466	29	30			0.60

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

SAMPLING RECORD

Material: RC.	Depth	Sampled/Logged By: MW
Map Ref:	Laboratory Request No.	Date: Dec '92.
LINE No.	FROM / TO	Photo No / Bearing

PROJECT

Region: EASTERN
Project: TCJV
Prospect: Fairway
Cost Code: 3957/40TB

DRILLING RECORD

Drill type: W1000
R.L. m Water Table At m
Dip -90° Azm
Date: Dec '92.

CO-ORDINATES: 7 832 995 m N/S; 437120 m E/W

HOLE No TCGC31

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM (N/S)	TO (E/W)	DESCRIPTION		ANALYTICAL DATA (Values in ppm unless otherwise stated) MAG SUS
0A691467	30	31	Ssh(l)-ox	Oxid hematite siltstone; poss oxid chl-alt	0.63
68	31	32	Lpm-ox	Lamprophyre - oxid; m-c.g greenish	0.69
69	32	33	Lpm-ox	↓	0.55
70	33	34	Lpm-ox		0.96
71	34	35	Lpr-ox		1.58
72	35	36	Ssh-ox	Dark grey shale	5.67
73	36	37	Lpm-ox	Lamprophyre; biotite - qtz - fsp (oxid). musc	1.51
74	37	38	Lpm-ox		1.52
75	38	39	Ssh-ox	Dark gy shale; v.f.g. dissem spec hm	1.27
76	39	40	Ssh	Ditto - base of complete oxid.	0.74
77	40	41	Ssh	Ditto; Trace of mt throughout ↓	1.22
78	41	42	Sw	Dark wacke	1.42
79	42	43	Sw		1.87
80	43	44	Ssh	Mildly hematitic shale	1.47
81	44	45	Ssh	↓	1.68
82	45	46	Ssh		0.89
83	46	47	Sw	m-c.g. wacke.	0.93
84	47	48	↓	↓	1.01
85	48	49			1.11
86	49	50			0.76
87	50	51			0.78
88	51	52			0.63
89	52	53			0.95
90	53	54			1.14
91	54	55	Sw		1.86
92	55	56	Ssh(h)	Pink-gy wkly hematitic shale	0.97
93	56	57	↓	↓	1.22
94	57	58			1.14
95	58	59			0.83
0A691496	59	60			0.65

SAMPLING RECORD		
Material: RC	Depth:	Sampled / Logged By:
Map Ref:	Laboratory Request No.	Date:
LINE No.:	FROM / TO	Photo No / Bearing

PROJECT	
Region:	
Project:	
Prospect	Railway
Cost Code:	

DRILLING RECORD	
Drill Type:	CO-ORDINATES 7 832 995 m N/S; 437120 m E/W
R.L. m; Water Table At m	
Dip; Azm	HOLE No TCGC 31
Date:	

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE FROM / OR / DEPTH TO — SAMPLE CO-ORDINATE N/S E/W	DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated)	MAG Sus
DA 6911 497	60 61	Sw-(h)	Gy-pink mildly hematitic wacke	0·29
498	61 62	Sw-h	"	0·89
499	62 63	Sw-h	"	1·30
500	63 64	Ssh-h	shale	1·60
501	64 65	Ssh-h	"	1·44
502	65 66	Sw-h	wacke	1·51
503	66 67	Sw-h	"	0·29
504	67 68	Ssh-h	shale	0·94
505	68 69	Ssh-h	shale	0·53
506	69 70	Sw-h	wack	0·63
507	70 71			1·58
508	71 72		mildly hematitic wacke trace nt.	1·72
509	72 73		XRD = Chl, Mu, Q, Hm	1·26
510	73 74			1·17
511	74 75			0·59
512	75 76			0·62
513	76 77	+ssh	water seepage	1·72
514	77 78	+ssh	minor shale	0·98
515	78 79		"	0·68
516	79 80			0·85
517	80 81			0·46
518	81 82			0·61
519	82 83			0·71
520	83 84			0·44
521	84 85			0·53
522	85 86			0·85
523	86 87			0·66
524	87 88			1·16
525	88 89			1·34
DA 6915 526	89 90	Sw-h		0·72

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

SAMPLING RECORD

Material: RC.
Depth
Sampled By: MW
Logged
Map Ref:
Laboratory Request No.
Date:
LINE No.
FROM
Photo No.
TO
Bearing

PROJECT

Region: EASTERN
Project: TCTV
Prospect: FAIRWAY
Cost Code:

DRILLING RECORD

Drill Type:
CO-ORDINATES
7 832 995 m N/S
438 720 m E/W
R.L. m Water Table At m
Dip Azm
Date
HOLE No: TCGC31

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM	TO		DESCRIPTION	MAG SUS.
DA691527	90	91	Sw	m-c.g wacke occ tce mt	0.96
28	91	92			0.44
29	92	93			0.60
30	93	94			0.62
31	94	95			1.06
32	95	96			1.34
33	96	97			2.62
34	97	98		XRD = Chl, Mu, Q, Hm.	3.18
35	98	99			5.90
36	99	100	Sw		0.98
37	100	101	Sw+Ssl	Wacke + siltstone	1.96
38	101	102		" "	4.67
39	102	103		" "	8.65
40	103	104	Ssl+Lpm	Grey siltstone (alt Sw?) with 10% Lpm	11.80
41	104	105	Ssl+Lpm	Gy Ssl + Gy-gn m-c.g Lpm	12.80
42	105	106	Lpm	grey-green bi-q-mu (fsp?) Lamprophyre XRD	20.40
43	106	107			8.93
44	107	108		Lpm - Some hm staining	4.85
45	108	109			4.98
46	109	110			2.10
47	110	111		(Chl, KFsp, Bi, Q, Tc, NaFsp)	1.56
48	111	112			4.18
47	112	113			2.53
50	113	114			5.56
51	114	115			2.42
52	115	116			3.69
53	116	117			2.56
54	117	118			1.41
55	118	119			2.85
DA691556	119	120	Lpm	Gy-gn Lpm	20.52

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

SAMPLING RECORD

Material: RC | Depth | Sampled / Logged By: MW
Map Ref: | Laboratory Request No. | Date:
LINE No.: | FROM | Photo No.
TO | Bearing

PROJECT

Region: EASTERN
Project: TCJV
Prospect: Fairway
Cost Code: 3957/4023

DRILLING RECORD

Drill Type:
R.L. m | Water Table At m
Dip | Azm
Date

CO-ORDINATES: 7832 995 m N/S; 437120 m E/W

HOLE No: TCC31

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM ___ TO ___ OR SAMPLE CO-ORDINATE N/S E/W	DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated)	MAG SUS
DA691557	120 121	Lpm+Ss Lamprophyre + grey shale		17·8
558	121 122	" "		12·4
559	122 123	Lpm " only — bi, mu, fsp, q.		8·57
560	123 124	Lpm " "		6·21
561	124 125	Lpm " "		7·89
562	125 126	Lpm " "	XRD = KFsp, Bi, Q, Tc	10·0
563	126 127	Lpm+Ss Lamprophyre + grey s. Htstone		11·2
564	127 128	" " " "		19·8
565	128 129	Lpm " only		12·9
566	129 130	" " "		16·3
567	130 131	" " "		14·5
568	131 132	" +Ss1 " + grey s. Htstone		21·0
569	132 133	" +Ss1 " "		16·2
570	133 134	Ss1 Grey s. Htstone		15·5
571	134 135	Ss1 " "		18·4
572	135 136	Ss1 " "		19·8
573	136 137	Lpm Lamprophyre - m-c.g. bi, mu, q, fsp		13·7
574	137 138	Lpm ditto		14·6
575	138 139	Ss1 s. Htstone		10·9
576	139 140	Ss1 "		10·9
577	140 141	Ss1 "		5·0
578	141 142	Lpm Fine grained lamprophyre		9·08
579	142 143	Lpm d.th		2·03
580	143 144	Lpm d.th		0·67
581	144 145	Lpm d.th		12·3
582	145 146	Ss1 grey s. Htstone		5·04
583	146 147			0·71
584	147 148			6·56
585	148 149			1·01
DA691586	149 150	Ss1 grey s. Htstone EOH		0·45

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

SAMPLING RECORD

Material: RC
Depth:
Sampled / Logged By:
Map Ref:
Laboratory Request No.:
Date:
LINE No.:
FROM:
Photo No.:
TO:
Bearing:

PROJECT

Region:
Project:
Prospect:
Cost Code:

DRILLING RECORD

Drill Type:
CO-ORDINATES: 7832·995 N/S
R.L. m Water Table At m
437·120 m E/W
Dip Azm
Date:
HOLE No. TCGC31

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

DRILL HOLE DEPTH — FROM — OR — TO

SAMPLE CO-ORDINATE — N/S — E/W

SAMPLE NUMBER	DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated) MAG Sus
DA 6911 01	Brown soils + oxid scree	0.51
02	" oxid silt/st.	0.32
03	Grey leached silt/st.	0.24
04	Red - brown silt/st + trace jaspe	0.41
05	dith	0.37
06	Jasper + s. lt/st. - oxid.	0.61
07	Red - Bn silts + jaspe	0.65
08	Lam. jasperised seds	1.07
09	Silic s. lt/s (+ lam)	1.25
10	25% qtz with hematitic siltstone clays	0.46
11	Dith	0.48
12	Dith	0.51
13	Red - bn jasperised siltstone with minor py + mt	0.75
14		0.57
15		0.44
16		0.45
17	Jasperised lam s. lt/stone	0.54
18		0.59
19		1.29
20		0.78
21	trace mt; XRD = Q, Ha, K	1.23
22	trace mt	0.71
23		0.60
24		1.50
25	Brown mixed jasp bn siltstone + blen siltstone	1.04
26	Pink oxid silt/stone.	0.35
27		0.19
28	Kaolin (Hem) s/lt/st.	0.18
29		0.20
DA 6911 30	silic.	0.20

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

SAMPLING RECORD

Material: RC.

Depth:

Sampled By / Logged: MW.

Map Ref:

Laboratory Request No.:

Date:

LINE No.:

FROM:

TO:

Photo No.:

Bearing:

PROJECT

Region: EASTERN

Project: TCJV

Prospect: Gossan Hill

Cost Code: 3957/4073

DRILLING RECORD

Drill Type: W65

R.L. m Water Table At m

Dip -60° Azm 176° MG

Date: Dec '92

CO-ORDINATES: 7 831 960 m N/S; 432480 m E/W

HOLE No: TCGC32

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM (N/S)	TO (E/W)		DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated) MAG SUS
DA69/131	30	31	Ssh-h	Oxid siltst, to wacke; occ hm fracts	0.36
32	31	32	Sw-h	Incr Sw	0.32
33	32	33	Ssh-h	Sw-h oxid with spec h seams + fracts	0.26
34	33	34	Sw-h	Ditto	0.67
35	34	35	Sw-h	Ditto	1.01
36	35	36	Sw-h	Ditto	0.45
37	36	37	Sw	Wacke; little hm	0.58
38	37	38	Sw		0.39
39	38	39	Sw	↓ ; minor spec h vng — u	0.54
40	39	40	Sw+q	Wacke, incr buck qtz c spec h + hm.	0.63
41	40	41	Sw-h	Hematitic wacke	0.31
42	41	42	Sw-h	Ditto	0.42
43	42	43	Sw-h	Ditto — u	0.62
44	43	44	Sw-h-tc	Sharp contact to oxid, talc alt Sw	0.65
45	44	45	Sw-Ssl	Lesser talc; alt Sw. XRD = Q, Chl, Illit, plag.	0.41
46	45	46	Sw	Grey less oxid Sw.	0.52
47	46	47	Sw	Ditto	0.61
48	47	48	h-q-mt	Spec h / Qtz rock, with ?3% mt	7.36
49	48	49	Ssh-tc	Talcose shale, dark gy	0.52
50	49	50	Ssh-tc	Ditto — u	0.61
51	50	51	Chl-mt	Incr Tc alt^n; chl/mt rock, prob stringer zone	17.7
52	51	52	Ssh-c-mt	Chlorite-magnetite in altered ?shale	48.5
53	52	53	↓	Ditto	87.6
54	53	54		Talc-chl alt; prob stringer zone	34.4
55	54	55		Ditto	3.36
56	55	56	Ssh-c-mt-h-tc	Ditto	0.35
57	56	57		Talc, hematitic rock (shale?)	2.30
58	57	58		XRD = Tc, Hm, Q (no mt!!)	14.10
59	58	59	↓		15.60
DA69/160	59	60		mt-hm stringer zone in talc-chl alt shale.	17.9[illegible]

SAMPLING RECORD

Material: RC

Depth

Sampled / Logged By:

Map Ref:

Laboratory Request No.

Date:

LINE No.:

FROM

TO

Photo No.

Bearing

PROJECT

Region: EASTERN

Project: TCJV

Prospect: Goss Hill

Cost Code:

DRILLING RECORD

Drill Type: W650

R.L. m Water Table At m

Dip Azm

Date:

CO-ORDINATES

m N/S

m E/W

HOLE No: TCGC32

EXPLORATION DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM	TO		DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated) MAG SUS
DA691161	60	61	Ssl-mt-hm	Strongly chl alt ssl with up to 25% hm+mt	4.02
62	61	62	"	Ditto ——— u	1.53
63	62	63	Ssl-hm-tc	Incr talc alt	12.90
64	63	64	"	Ditto ——— u	2.47
65	64	65	Ssl-c-hm	Chl alt again dom., dissem + vein hm (+mt)	1.24
66	65	66	↓	To 25% vein Fe-O)	1.06
67	66	67	↓	Ditto	3.97
68	67	68	↓	Ditto	8.98
69	68	69	↓	Ditto ——— u	6.46
70	69	70	Sl-tc	Strong talc altn; minor spec hm (contam?)	2.28
71	70	71	Cb-tc	Semi massive sugary white dolomite	2.1
72	71	72	Cb-h	Ditto; minor spec hm	0.27
73	72	73	Cb-h	Sugary dol with spec h vng	0.91
74	73	74	Cb-h-tc	Bottle green dol (talc+cb)	0.57
75	74	75	Cb-h-tc	Lgn dol.	0.25
76	75	76	Cb-h-tc	Lgn sugary dol. with 5% spec h	0.33
77	76	77	↓	Ditto	0.47
78	77	78	↓	Lgn sugary dol with 5-10% spec h vn + dissem; tce Tc.	0.40
79	78	79	↓	↓	1.25
80	79	80	↓	↓	0.58
81	80	81	↓	↓	0.68
82	81	82	↓	↓	0.57
83	82	83	↓	↓	0.46
84	83	84	↓	↓	0.44
85	84	85	↓	↓	0.48
86	85	86	↓	↓ XRD = Dol, Calc., Chl, Tc, Hm	0.63
87	86	87	↓	↓	0.59
88	87	88	↓	↓	0.51
DA691189	88	89	↓	↓	0.52

EOH
Hole stopped due to v. slow advance.

SAMPLING RECORD			
Material: RC	Depth	Sampled / Logged By:	
Map Ref:	Laboratory Request No.	Date:	
LINE No.	FROM	Photo No.	
	TO	Bearing	

PROJECT	
Region	
Project:	TCJV
Prospect	Gossan Hill
Cost Code:	3957/4073

DRILLING RECORD	
Drill type: WG50	CO-ORDINATES 7 831 960 m N/S; 437 480 m E/W
R.L. m; Water Table At m	
Dip -60° Azm 176° mag	HOLE No TCGC32
Date: Dec '92	

APPENDIX 10

RC PERCUSSION DRILLING ASSAYS

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIG.TECH / ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAGS MAG SUS #1000	AUCO AUSL2 AU PPM	PYSTB AA CU PPM	PYSTB AA FE PCT	PYSTB AAHYD BI PPM
DA691190	0.00	1.00	1.00	DRC	0.41				
DA691191	1.00	2.00	1.00	DRC	0.42	<0.001	25	3.7	1.1
DA691192	2.00	3.00	1.00	DRC	0.24				
DA691193	3.00	4.00	1.00	DRC	0.23	0.021	40	4.3	0.8
DA691194	4.00	5.00	1.00	DRC	0.21				
DA691195	5.00	6.00	1.00	DRC	0.22	<0.001	45	5.3	1.9
DA691196	6.00	7.00	1.00	DRC	0.25				
DA691197	7.00	8.00	1.00	DRC	0.48	<0.001	70	3.9	1.2
DA691198	8.00	9.00	1.00	DRC	0.54				
DA691199	9.00	10.00	1.00	DRC	0.50	0.004	155	3.1	1.0
DA691200	10.00	11.00	1.00	DRC	0.42				
DA691201	11.00	12.00	1.00	DRC	0.86	0.001	145	4.0	0.9
DA691202	12.00	13.00	1.00	DRC	0.59				
DA691203	13.00	14.00	1.00	DRC	0.18	<0.001	80	3.2	1.8
DA691204	14.00	15.00	1.00	DRC	0.22				
DA691205	15.00	16.00	1.00	DRC	0.29	0.002	100	3.8	2.6
DA691206	16.00	17.00	1.00	DRC	0.26				
DA691207	17.00	18.00	1.00	DRC	0.21	<0.001	110	3.9	2.2
DA691208	18.00	19.00	1.00	DRC	0.20				
DA691209	19.00	20.00	1.00	DRC	0.33	<0.001	85	3.0	1.8
DA691210	20.00	21.00	1.00	DRC	0.78				
DA691211	21.00	22.00	1.00	DRC	0.66	0.055	510	10.2	4.6
DA691212	22.00	23.00	1.00	DRC	0.60				
DA691213	23.00	24.00	1.00	DRC	0.37	0.010	1340	8.2	7.0
DA691214	24.00	25.00	1.00	DRC	0.91				
DA691215	25.00	26.00	1.00	DRC	0.43	0.036	1030	7.4	105.0
DA691216	26.00	27.00	1.00	DRC	0.89				
DA691217	27.00	28.00	1.00	DRC	0.40	0.033	950	6.9	12.0
DA691218	28.00	29.00	1.00	DRC	0.75				
DA691219	29.00	30.00	1.00	DRC	0.95	0.020	730	5.1	2.7

SAMPLING RECORD

MATERIAL
DEPTH
SAMPLED BY
MAP REF
ARS NO
DATE
FROM
PHOTO NO
TO
BEARING

PROJECT

REGION
PROJECT TCJV GIGANTIC DRILLING
PROSPECT ERL 85 SE53-14
COST CODE

DRILLING RECORD

DRILL TYPE
WATER TABLE
R.L. M
AZM: 176.00
DIP: -60.00
DATE:
HOLE NO TCGC26
COORDINA
N 831985.0
437480.0

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIG.TECH ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAG SUS #1000	AU30 AUSL2 AU PPM	PYSTB AA CU PPM	PYSTB AA FE PCT	PYSTB AAHYD BI PPM
DA691220	30.00	31.00	1.00	DRC	0.49				
DA691221	31.00	32.00	1.00	DRC	0.69	0.005	710	6.2	3.9
DA691222	32.00	33.00	1.00	DRC	0.60				
DA691223	33.00	34.00	1.00	DRC	0.25	<0.001	155	3.7	1.0
DA691224	34.00	35.00	1.00	DRC	0.29				
DA691225	35.00	36.00	1.00	DRC	0.25	<0.001	150	4.6	1.0
DA691226	36.00	37.00	1.00	DRC	0.29				
DA691227	37.00	38.00	1.00	DRC	0.27	0.005	100	4.2	0.7
DA691228	38.00	39.00	1.00	DRC	0.27				
DA691229	39.00	40.00	1.00	DRC	0.31	0.008	195	4.2	0.7
DA691230	40.00	41.00	1.00	DRC	0.36				
DA691231	41.00	42.00	1.00	DRC	0.26	0.001	290	4.0	1.1
DA691232	42.00	43.00	1.00	DRC	0.33				
DA691233	43.00	44.00	1.00	DRC	0.70	0.002	330	3.8	1.5
DA691234	44.00	45.00	1.00	DRC	0.64				
DA691235	45.00	46.00	1.00	DRC	0.87	0.006	580	3.6	1.3
DA691236	46.00	47.00	1.00	DRC	0.43				
DA691237	47.00	48.00	1.00	DRC	0.35	<0.001	95	3.9	1.4
DA691238	48.00	49.00	1.00	DRC	0.24				
DA691239	49.00	50.00	1.00	DRC	0.25	<0.001	15	3.9	0.7
DA691240	50.00	51.00	1.00	DRC	0.33				
DA691241	51.00	52.00	1.00	DRC	0.27	<0.001	10	4.2	1.1
DA691242	52.00	53.00	1.00	DRC	0.28				
DA691243	53.00	54.00	1.00	DRC	0.22	0.001	15	4.8	1.6
DA691244	54.00	55.00	1.00	DRC	0.26				
DA691245	55.00	56.00	1.00	DRC	0.30	<0.001	10	3.9	1.4
DA691246	56.00	57.00	1.00	DRC	0.34				
DA691247	57.00	58.00	1.00	DRC	0.50	<0.001	20	3.5	1.3
DA691248	58.00	59.00	1.00	DRC	0.65				
DA691249	59.00	60.00	1.00	DRC	0.85	0.027	95	3.0	17.0

SAMPLING RECORD

MATERIAL
DEPTH
SAMPLED BY
MAP REF
ARS NO
DATE
FROM
PHOTO NO
TO
BEARING

PROJECT

REGION
PROJECT TCJV GIGANTIC DRILLING
PROSPECT ERL 85 SE53-14
COST CODE

DRILLING RECORD

DRILL TYPE
COORDINA
WATER TABLE
N 831985.0
R.L.
N 437480.0
AZM: 176.00
DIP: -60.00
HOLE NO TCGC28
DATE:

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIG.TECH ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAGS MAG SUS $1000	AUC0 AUSL2 AU PPM	PYST8 AA CU PPM	PYST8 AA FE PCT	PYST8 AAHYD BI PPM
DA691250	60.00	61.00	1.00	DRC	0.69				
DA691251	61.00	62.00	1.00	DRC	0.85	0.006	10	3.0	2.0
DA691252	62.00	63.00	1.00	DRC	0.36				
DA691253	63.00	64.00	1.00	DRC	0.33	0.016	5	3.6	4.6
DA691254	64.00	65.00	1.00	DRC	0.48				
DA691255	65.00	66.00	1.00	DRC	0.53	0.012	940	8.5	28.3
DA691256	66.00	67.00	1.00	DRC	0.46				
DA691257	67.00	68.00	1.00	DRC	0.53	0.002	2020	1.5	3.0
DA691258	68.00	69.00	1.00	DRC	0.41				
DA691259	69.00	70.00	1.00	DRC	0.46	0.003	155	1.1	8.0
DA691587	70.00	71.00	1.00	DRC	0.47	<0.001	120	1.5	2.5
DA691588	71.00	72.00	1.00	DRC	0.41				
DA691589	72.00	73.00	1.00	DRC	0.01	<0.001	35	0.7	0.3
DA691590	73.00	74.00	1.00	DRC	0.26				
DA691591	74.00	75.00	1.00	DRC	0.47	<0.001	15	0.9	0.2
DA691592	75.00	76.00	1.00	DRC	0.63				
DA691593	76.00	77.00	1.00	DRC	0.61	<0.001	10	1.0	<0.1
DA691594	77.00	78.00	1.00	DRC	0.71				
DA691595	78.00	79.00	1.00	DRC	0.10	<0.001	10	1.0	0.1
DA691596	79.00	80.00	1.00	DRC	0.17				
DA691597	80.00	81.00	1.00	DRC	0.35	<0.001	10	1.0	0.4
DA691598	81.00	82.00	1.00	DRC	0.22				
DA691599	82.00	83.00	1.00	DRC	0.04	<0.001	25	0.2	0.1
DA691600	83.00	84.00	1.00	DRC	0.74				
DA691601	84.00	85.00	1.00	DRC	0.05	<0.001	25	2.0	2.9
DA691602	85.00	86.00	1.00	DRC	0.30				
DA691603	86.00	87.00	1.00	DRC	0.28	0.005	110	1.7	0.5
DA691604	87.00	88.00	1.00	DRC	0.45				
DA691605	88.00	89.00	1.00	DRC	0.21	<0.001	5	0.6	0.4
DA691606	89.00	90.00	1.00	DRC	0.22				

SAMPLING RECORD

MATERIAL DEPTH SAMPLED BY

MAP REF ARS NO DATE

FROM PHOTO NO

TO BEARING

PROJECT

REGION

PROJECT TCJV GIGANTIC DRILLING

PROSPECT ERL 85 SE53-14

COST CODE

DRILLING RECORD

DRILL TYPE COORDINA

WATER TABLE N 801985.0

R.L. M 437480.0

AZM: 176.00

DIP: -60.00 HOLE

DATE: NO TCGC28

TCJV GIGANTIC DRILLING - ERL 85 SESS-14

DIG.TECH / ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAG SUS $1000	MAGS AU30 PPM	PYSTB AA CU PPM	PYSTB AA FE PCT	PYSTB AAHYD BI PPM
DA691607	90.00	91.00	1.00	DRC	0.11	<0.001	5	0.3	0.1
DA691608	91.00	92.00	1.00	DRC	0.17				
DA691609	92.00	93.00	1.00	DRC	0.24	<0.001	<5	0.3	<0.1
DA691610	93.00	94.00	1.00	DRC	0.09				
DA691611	94.00	95.00	1.00	DRC	0.05	<0.001	89	0.4	0.9
DA691612	95.00	96.00	1.00	DRC	0.28	<0.001	55	0.7	0.7
DA691613	96.00	97.00	1.00	DRC	0.01	0.001	259	0.3	2.2
DA691614	97.00	98.00	1.00	DRC	0.96	0.083	175	2.0	50.0
DA691615	98.00	99.00	1.00	DRC	1.93	0.490	740	4.5	1020.0
DA691616	99.00	100.00	1.00	DRC	0.56	0.044	135	2.0	95.0
DA691617	100.00	101.00	1.00	DRC	0.23	0.021	39	1.5	21.6

SAMPLING RECORD

MATERIAL

MAP REF

DEPTH

ARS NO

FROM

TO

SAMPLED BY

DATE

PHOTO NO

BEARING

PROJECT

REGION

PROJECT TCJV GIGANTIC DRILLING

PROSPECT ERL 85 SESS-14

COST CODE

DRILLING RECORD

DRILL TYPE

WATER TABLE

R.L.

AZM: 176.00

DIP: -60.00

DATE:

COORDINA

N 831985.0

E 437420.0

HOLE NO TCJC28

Number of data records printed = 101

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIG.TECH / ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAGS MAG SUS *1000	AU30 AUSL2 AU PPM	PYST8 AA CU PPM	PYST8 AA FE PCT	PYST8 AAHYD BI PPM
DA691260	0.00	1.00	1.00	DRC	0.79	<0.001	45	5.5	5.5
DA691261	1.00	2.00	1.00	DRC	0.32				
DA691262	2.00	3.00	1.00	DRC	0.21	<0.001	110	4.5	5.3
DA691263	3.00	4.00	1.00	DRC	0.23				
DA691264	4.00	5.00	1.00	DRC	0.18	<0.001	115	4.6	1.7
DA691265	5.00	6.00	1.00	DRC	0.18				
DA691266	6.00	7.00	1.00	DRC	0.24	<0.001	150	6.4	2.0
DA691267	7.00	8.00	1.00	DRC	0.25				
DA691268	8.00	9.00	1.00	DRC	0.47	<0.001	150	4.5	1.3
DA691269	9.00	10.00	1.00	DRC	0.22				
DA691270	10.00	11.00	1.00	DRC	0.37	<0.001	65	2.5	1.4
DA691271	11.00	12.00	1.00	DRC	0.37				
DA691272	12.00	13.00	1.00	DRC	0.63	<0.001	120	3.4	1.5
DA691273	13.00	14.00	1.00	DRC	0.19				
DA691274	14.00	15.00	1.00	DRC	0.32	<0.001	100	3.6	1.4
DA691275	15.00	16.00	1.00	DRC	0.19				
DA691276	16.00	17.00	1.00	DRC	0.23	0.001	130	4.6	1.5
DA691277	17.00	18.00	1.00	DRC	0.40				
DA691278	18.00	19.00	1.00	DRC	0.78	0.002	120	3.5	0.9
DA691279	19.00	20.00	1.00	DRC	0.36				
DA691280	20.00	21.00	1.00	DRC	0.26	0.009	155	4.6	1.4
DA691281	21.00	22.00	1.00	DRC	0.47				
DA691282	22.00	23.00	1.00	DRC	0.30	0.004	175	3.4	1.4
DA691283	23.00	24.00	1.00	DRC	0.62				
DA691284	24.00	25.00	1.00	DRC	0.72	0.001	290	3.9	1.0
DA691285	25.00	26.00	1.00	DRC	0.85				
DA691286	26.00	27.00	1.00	DRC	0.69	<0.001	145	3.7	1.0
DA691287	27.00	28.00	1.00	DRC	1.47				
DA691288	28.00	29.00	1.00	DRC	1.01	<0.001	240	3.7	0.8
DA691289	29.00	30.00	1.00	DRC	1.42				

SAMPLING RECORD

MATERIAL DEPTH SAMPLED BY

MAP REF ARS NO DATE

FROM PHOTO NO

TO BEARING

PROJECT

REGION

PROJECT TCJV GIGANTIC DRILLING

PROSPECT ERL 85 SE53-14

COST CODE

DRILLING RECORD

DRILL TYPE COORDINATES

WATER TABLE M 891990.00MN

R.L. M 437520.00ME

AZM: 176.00

DIP: -60.00 HOLE

DATE: NO TCGC29

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIG.TECH ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAGS MAG SUS X1000	AU30 AUSL2 AU PPM	PYSTB AA CU PPM	PYSTB AA FE PCT	PYSTB AAHYD BI PPM
DA691290	30.00	31.00	1.00	DRC	0.60	<0.001	145	4.9	1.8
DA691291	31.00	32.00	1.00	DRC	0.73				
DA691292	32.00	33.00	1.00	DRC	0.59	0.042	2140	8.9	2.4
DA691293	33.00	34.00	1.00	DRC	0.34				
DA691294	34.00	35.00	1.00	DRC	0.65	0.009	1360	10.3	2.4
DA691295	35.00	36.00	1.00	DRC	0.42				
DA691296	36.00	37.00	1.00	DRC	0.36	<0.001	15	9.2	2.7
DA691618	37.00	38.00	1.00	DRC	0.63	<0.001	10	11.7	1.5
DA691297	38.00	39.00	1.00	DRC	0.85				
DA691298	39.00	40.00	1.00	DRC	0.55	<0.001	15	14.8	1.5
DA691299	40.00	41.00	1.00	DRC	0.82				
DA691300	41.00	42.00	1.00	DRC	0.68	<0.001	15	10.3	2.4
DA691301	42.00	43.00	1.00	DRC	0.89				
DA691302	43.00	44.00	1.00	DRC	0.55	0.001	75	7.7	2.6
DA691303	44.00	45.00	1.00	DRC	0.98				
DA691304	45.00	46.00	1.00	DRC	0.59	<0.001	25	9.2	0.8
DA691305	46.00	47.00	1.00	DRC	0.40				
DA691306	47.00	48.00	1.00	DRC	0.41	<0.001	5	3.6	0.3
DA691307	48.00	49.00	1.00	DRC	0.33				
DA691308	49.00	50.00	1.00	DRC	0.55	<0.001	50	8.2	1.1
DA691309	50.00	51.00	1.00	DRC	0.38				
DA691310	51.00	52.00	1.00	DRC	0.91	<0.001	60	6.0	0.7
DA691311	52.00	53.00	1.00	DRC	0.29				
DA691312	53.00	54.00	1.00	DRC	2.00	0.037	310	10.5	58.5
DA691313	54.00	55.00	1.00	DRC	8.78				
DA691314	55.00	56.00	1.00	DRC	1.53	0.037	2700	2.9	200.0
DA691315	56.00	57.00	1.00	DRC	12.70				
DA691316	57.00	58.00	1.00	DRC	120.00	0.003	930	12.9	4.7
DA691317	58.00	59.00	1.00	DRC	3.03				
DA691318	59.00	60.00	1.00	DRC	20.90	0.007	490	14.0	10.9

SAMPLING RECORD

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MAP REF

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REGION

PROJECT TCJV GIGANTIC DRILLING

PROSPECT ERL 85 SE53-14

COST CODE

DRILLING RECORD

DRILL TYPE

WATER TABLE

R.L. M

AZM: 176.00

DIP: -60.00 HOLE NO TCGC29

DATE:

COORDINATES

M 891990.00MN

437520.00ME

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIG.TECH ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAGS MAG SUS x1000	AU30 AUSL2 AU PPM	PYSTB AA CU PPM	PYSTB AA FE PCT	PYSTB AAHYD BI PPM
DA691319	60.00	61.00	1.00	DRC	160.00				
DA691320	61.00	62.00	1.00	DRC	5.90	0.001	100	8.0	2.9
DA691321	62.00	63.00	1.00	DRC	9.10				
DA691322	63.00	64.00	1.00	DRC	8.60	0.007	260	10.5	28.9
DA691323	64.00	65.00	1.00	DRC	1.43				
DA691324	65.00	66.00	1.00	DRC	0.80	0.005	245	9.9	55.0
DA691325	66.00	67.00	1.00	DRC	4.96				
DA691326	67.00	68.00	1.00	DRC	0.81	0.012	380	11.2	13.7
DA691327	68.00	69.00	1.00	DRC	0.55				
DA691328	69.00	70.00	1.00	DRC	0.50	0.008	810	12.7	25.4
DA691329	70.00	71.00	1.00	DRC	0.68				
DA691330	71.00	72.00	1.00	DRC	0.96	0.001	110	9.7	4.0
DA691331	72.00	73.00	1.00	DRC	5.15				
DA691332	73.00	74.00	1.00	DRC	0.45	0.002	400	2.9	2.8
DA691333	74.00	75.00	1.00	DRC	0.71				
DA691334	75.00	76.00	1.00	DRC	0.60	<0.001	80	2.6	2.7
DA691335	76.00	77.00	1.00	DRC	0.92				
DA691336	77.00	78.00	1.00	DRC	0.75	<0.001	40	5.3	0.6
DA691337	78.00	79.00	1.00	DRC	12.00				
DA691338	79.00	80.00	1.00	DRC	0.70	0.001	330	9.6	1.2
DA691339	80.00	81.00	1.00	DRC	1.36				
DA691340	81.00	82.00	1.00	DRC	2.20	0.009	1070	9.2	3.9
DA691341	82.00	83.00	1.00	DRC	4.02				
DA691342	83.00	84.00	1.00	DRC	4.70	0.018	4800	11.0	12.1
DA691343	84.00	85.00	1.00	DRC	1.05				
DA691344	85.00	86.00	1.00	DRC	1.41	0.010	1690	7.2	3.6
DA691345	86.00	87.00	1.00	DRC	1.30				
DA691346	87.00	88.00	1.00	DRC	0.68	<0.001	50	7.3	3.2
DA691347	88.00	89.00	1.00	DRC	0.58				
DA691348	89.00	90.00	1.00	DRC	1.05	<0.001	20	10.9	3.3

SAMPLING RECORD

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PROJECT TCJV GIGANTIC DRILLING

PROSPECT ERL 85 SE53-14

COST CODE

DRILLING RECORD

DRILL TYPE

WATER TABLE

R.L. M

AZM: 176.00

DIP: -60.00

DATE:

COORDINATES

M 831990.00MN

437520.00ME

HOLE NO TC6C29

TCJV GIGANTIC DRILLING - ERL 85 SES3-14

DIG.TECH / ASS.TECH / SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAG SUS *1000	AU30 MAGS AUSL2 AU PPM	PYSTB AA CU PPM	PYSTB AA FE PCT	PYSTB AAHYD BI PPM
DA691349	90.00	91.00	1.00	DRC	0.52				
DA691350	91.00	92.00	1.00	DRC	0.78	<0.001	5	10.1	3.0
DA691351	92.00	93.00	1.00	DRC	1.01				
DA691352	93.00	94.00	1.00	DRC	0.59	<0.001	10	8.6	2.5
DA691353	94.00	95.00	1.00	DRC	0.55				
DA691354	95.00	96.00	1.00	DRC	0.61	<0.001	5	11.4	3.8
DA691355	96.00	97.00	1.00	DRC	2.04				
DA691356	97.00	98.00	1.00	DRC	1.21	<0.001	5	7.9	4.3
DA691357	98.00	99.00	1.00	DRC	0.66				
DA691358	99.00	100.00	1.00	DRC	0.74	<0.001	5	7.7	3.2

SAMPLING RECORD

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ARS NO
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PHOTO NO
TO
BEARING

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REGION
PROJECT TCJV GIGANTIC DRILLING
PROSPECT ERL 85 SES3-14
COST CODE

DRILLING RECORD

DRILL TYPE
WATER TABLE M
R.L. M
AZM: 176.00
DIP: -60.00 HOLE
DATE: NO TC0629
COORDINATES
831990.00MN
437520.00ME

TCJV GIGANTIC DRILLING - ERL 95 SE53-14

DIG.TECH ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAGS MAG SUS X1000	AU30 AUSL2 AU PPM	PYSTB AA CU PPM	PYSTB AA FE PCT	PYSTB AAHYD BI PPM
DA691359	0.00	1.00	1.00	DRC	1.17				
DA691360	1.00	2.00	1.00	DRC	0.30	<0.001	95	3.5	1.8
DA691361	2.00	3.00	1.00	DRC	0.36				
DA691362	3.00	4.00	1.00	DRC	0.36	<0.001	70	4.3	2.3
DA691363	4.00	5.00	1.00	DRC	0.36				
DA691364	5.00	6.00	1.00	DRC	0.30	<0.001	105	3.9	2.1
DA691365	6.00	7.00	1.00	DRC	0.31				
DA691366	7.00	8.00	1.00	DRC	0.29	<0.001	120	3.8	1.9
DA691367	8.00	9.00	1.00	DRC	0.30				
DA691368	9.00	10.00	1.00	DRC	0.37	<0.001	110	3.6	1.1
DA691369	10.00	11.00	1.00	DRC	0.25				
DA691370	11.00	12.00	1.00	DRC	0.30	<0.001	100	2.5	1.4
DA691371	12.00	13.00	1.00	DRC	0.32				
DA691372	13.00	14.00	1.00	DRC	0.36	<0.001	370	4.5	1.4
DA691373	14.00	15.00	1.00	DRC	0.28				
DA691374	15.00	16.00	1.00	DRC	0.32	<0.001	225	2.9	1.4
DA691375	16.00	17.00	1.00	DRC	0.30				
DA691376	17.00	18.00	1.00	DRC	0.49	<0.001	540	3.4	1.3
DA691377	18.00	19.00	1.00	DRC	0.57				
DA691378	19.00	20.00	1.00	DRC	0.49	0.001	480	3.3	2.4
DA691379	20.00	21.00	1.00	DRC	0.43				
DA691380	21.00	22.00	1.00	DRC	0.45	<0.001	920	3.7	1.4
DA691381	22.00	23.00	1.00	DRC	0.22				
DA691382	23.00	24.00	1.00	DRC	0.41	0.006	155	5.6	1.1
DA691383	24.00	25.00	1.00	DRC	0.58	0.007	290	12.9	14.5
DA691384	25.00	26.00	1.00	DRC	0.43	0.099	580	15.6	185.0
DA691385	26.00	27.00	1.00	DRC	8.75	0.027	350	30.0	35.4
DA691386	27.00	28.00	1.00	DRC	14.30	0.007	1000	32.0	42.3
DA691387	28.00	29.00	1.00	DRC	42.40	0.004	1030	45.0	29.8
DA691388	29.00	30.00	1.00	DRC	18.10	0.018	750	29.0	27.4

SAMPLING RECORD

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REGION

PROJECT TCJV GIGANTIC DRILLING

PROSPECT ERL 95 SE53-14

COST CODE

DRILLING RECORD

DRILL TYPE

WATER TABLE

R.L.

AZM: 176.00

DIP: -60.00

DATE:

COORDINATES

M 881958.00MN

M 437520.00ME

HOLE NO TCGC30

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIG.TECH / ASS.TECH / SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAG SUS x1000	AUSO AUSL2 AU PPM	PYSTB AA CU PPM	PYSTB AA FE PCT	PYSTB AAHYD BI PPM
DA691389	30.00	31.00	1.00	DRC	0.80	0.012	2400	13.6	4.9
DA691390	31.00	32.00	1.00	DRC	0.60	0.004	1710	9.0	4.1
DA691391	32.00	33.00	1.00	DRC	0.44	0.005	1700	6.9	0.9
DA691392	33.00	34.00	1.00	DRC	0.85	0.092	5300	11.3	63.0
DA691393	34.00	35.00	1.00	DRC	0.58	0.340	5000	15.4	255.0
DA691394	35.00	36.00	1.00	DRC	0.53	0.590	7000	10.8	140.0
DA691395	36.00	37.00	1.00	DRC	0.51	0.026	1810	5.2	4.3
DA691396	37.00	38.00	1.00	DRC	0.54	0.003	800	3.0	1.7
DA691397	38.00	39.00	1.00	DRC	0.65	0.016	750	2.9	1.1
DA691398	39.00	40.00	1.00	DRC	0.63	0.002	500	3.1	1.8
DA691399	40.00	41.00	1.00	DRC	0.34				
DA691400	41.00	42.00	1.00	DRC	0.36	0.002	100	2.9	1.2
DA691401	42.00	43.00	1.00	DRC	0.64				
DA691402	43.00	44.00	1.00	DRC	0.60	<0.001	30	2.5	0.1
DA691403	44.00	45.00	1.00	DRC	0.61				
DA691404	45.00	46.00	1.00	DRC	0.59	<0.001	35	2.7	0.2
DA691405	46.00	47.00	1.00	DRC	0.64				
DA691406	47.00	48.00	1.00	DRC	0.44	<0.001	15	3.0	0.3
DA691407	48.00	49.00	1.00	DRC	0.29				
DA691408	49.00	50.00	1.00	DRC	0.54	<0.001	5	3.0	0.3
DA691409	50.00	51.00	1.00	DRC	0.45				
DA691410	51.00	52.00	1.00	DRC	0.45	<0.001	5	3.0	0.4
DA691411	52.00	53.00	1.00	DRC	0.31				
DA691412	53.00	54.00	1.00	DRC	0.29	<0.001	5	3.1	0.4
DA691413	54.00	55.00	1.00	DRC	1.18				
DA691414	55.00	56.00	1.00	DRC	0.42	<0.001	15	3.5	0.7
DA691415	56.00	57.00	1.00	DRC	0.55				
DA691416	57.00	58.00	1.00	DRC	0.85	<0.001	5	3.3	0.4
DA691417	58.00	59.00	1.00	DRC	0.51				
DA691418	59.00	60.00	1.00	DRC	0.38	<0.001	5	3.8	0.6

SAMPLING RECORD

MATERIAL
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ARS NO
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PHOTO NO
TO
BEARING

PROJECT

REGION
PROJECT TCJV GIGANTIC DRILLING
PROSPECT ERL 85 SE53-14
COST CODE

DRILLING RECORD

DRILL TYPE
WATER TABLE
R.L. M
AZM: 176.00
DIP: -60.00
DATE:
COORDINATES
M 831958.00MN
437520.00ME
HOLE NO TCSC30

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIG.TECH ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAGS SUS *1000	AU30 AUSL2 AU PPM	PYST8 AA CU PPM	PYST8 AA FE PCT	PYST8 AAHYD BI PPM
DA691419	60.00	61.00	1.00	DRC	0.40				
DA691420	61.00	62.00	1.00	DRC	0.34	<0.001	<5	3.9	0.6
DA691421	62.00	63.00	1.00	DRC	0.47				
DA691422	63.00	64.00	1.00	DRC	0.42	<0.001	<5	3.4	0.5
DA691423	64.00	65.00	1.00	DRC	0.36				
DA691424	65.00	66.00	1.00	DRC	0.48	<0.001	<5	3.2	0.4
DA691425	66.00	67.00	1.00	DRC	0.55				
DA691426	67.00	68.00	1.00	DRC	0.79	<0.001	5	2.8	0.3
DA691427	68.00	69.00	1.00	DRC	0.40				
DA691428	69.00	70.00	1.00	DRC	0.62	<0.001	5	3.1	0.4
DA691429	70.00	71.00	1.00	DRC	0.69				
DA691430	71.00	72.00	1.00	DRC	0.90	<0.001	5	2.7	0.4
DA691431	72.00	73.00	1.00	DRC	0.58				
DA691432	73.00	74.00	1.00	DRC	0.91	0.002	10	2.6	0.4
DA691433	74.00	75.00	1.00	DRC	0.64				
DA691434	75.00	76.00	1.00	DRC	0.63	<0.001	5	3.0	0.7
DA691435	76.00	77.00	1.00	DRC	0.48				
DA691436	77.00	78.00	1.00	DRC	0.36	<0.001	5	2.8	0.5

SAMPLING RECORD

MATERIAL

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PROJECT

REGION

PROJECT TCJV GIGANTIC DRILLING

PROSPECT ERL 85 SE53-14

COST CODE

DRILLING RECORD

DRILL TYPE

WATER TABLE M

R.L. M

AZM: 176.00

DIP: -60.00

DATE:

COORDINATES

831958.00MN

437520.00ME

HOLE NO TCGC30

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIG.TECH ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAG SUS ×1000	AU30 AUSL2 AU PPM	PYST8 AA CU PPM	PYST8 AA FE PCT	PYST8 AAHYD BI PPM
DA691437	0.00	1.00	1.00	DRC	0.68				
DA691438	1.00	2.00	1.00	DRC	0.40	<0.001	25	4.0	0.4
DA691439	2.00	3.00	1.00	DRC	0.46				
DA691440	3.00	4.00	1.00	DRC	0.38	<0.001	10	3.4	0.6
DA691441	4.00	5.00	1.00	DRC	0.51				
DA691442	5.00	6.00	1.00	DRC	0.46	<0.001	10	3.3	0.6
DA691443	6.00	7.00	1.00	DRC	0.67				
DA691444	7.00	8.00	1.00	DRC	0.49	<0.001	15	3.3	0.6
DA691445	8.00	9.00	1.00	DRC	0.50				
DA691446	9.00	10.00	1.00	DRC	0.42	<0.001	15	9.1	1.6
DA691447	10.00	11.00	1.00	DRC	0.45				
DA691448	11.00	12.00	1.00	DRC	0.40	<0.001	15	7.4	1.6
DA691449	12.00	13.00	1.00	DRC	0.53				
DA691450	13.00	14.00	1.00	DRC	0.52	<0.001	5	2.6	0.5
DA691451	14.00	15.00	1.00	DRC	0.30				
DA691452	15.00	16.00	1.00	DRC	0.46	<0.001	10	2.5	0.4
DA691453	16.00	17.00	1.00	DRC	0.52				
DA691454	17.00	18.00	1.00	DRC	0.38	0.002	15	6.3	1.8
DA691455	18.00	19.00	1.00	DRC	0.59				
DA691456	19.00	20.00	1.00	DRC	0.41	<0.001	5	4.2	1.0
DA691457	20.00	21.00	1.00	DRC	0.55				
DA691458	21.00	22.00	1.00	DRC	0.48	<0.001	5	2.3	0.7
DA691459	22.00	23.00	1.00	DRC	0.47				
DA691460	23.00	24.00	1.00	DRC	0.35	0.003	5	4.4	0.8
DA691461	24.00	25.00	1.00	DRC	0.46				
DA691462	25.00	26.00	1.00	DRC	0.56	<0.001	<5	6.4	1.8
DA691463	26.00	27.00	1.00	DRC	0.53				
DA691464	27.00	28.00	1.00	DRC	0.39	<0.001	<5	7.6	3.2
DA691465	28.00	29.00	1:00	DRC	0.45				
DA691466	29.00	30.00	1.00	DRC	0.60	<0.001	<5	9.0	3.4

SAMPLING RECORD

MATERIAL
DEPTH
SAMPLED BY
MAP REF
ARS NO
DATE
FROM
PHOTO NO
TO
BEARING

PROJECT

REGION
PROJECT TCJV GIGANTIC DRILLING
PROSPECT ERL 85 SE53-14
COST CODE

DRILLING RECORD

DRILL TYPE
WATER TABLE M
R.L. M
AZM:
DIP: -90.00
DATE:
COORDINATES
832995.00MN
437120.00ME
HOLE NO TCGC31

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIG.TECH ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAGS MAG SUS *1000	AU30 AUSL2 AU PPM	PYSTB AA CU PPM	PYSTB AA FE PCT	PYSTB AAHYD BI PPM
DA691467	30.00	31.00	1.00	DRC	0.63				
DA691468	31.00	32.00	1.00	DRC	0.69	0.002	<5	10.3	1.7
DA691469	32.00	33.00	1.00	DRC	0.55				
DA691470	33.00	34.00	1.00	DRC	0.96	0.002	40	6.1	0.9
DA691471	34.00	35.00	1.00	DRC	1.58				
DA691472	35.00	36.00	1.00	DRC	5.67	<0.001	30	4.0	0.5
DA691473	36.00	37.00	1.00	DRC	1.51				
DA691474	37.00	38.00	1.00	DRC	1.52	<0.001	160	5.6	0.3
DA691475	38.00	39.00	1.00	DRC	1.27				
DA691476	39.00	40.00	1.00	DRC	0.74	<0.001	5	3.6	0.6
DA691477	40.00	41.00	1.00	DRC	1.22				
DA691478	41.00	42.00	1.00	DRC	1.42	<0.001	<5	3.1	1.2
DA691479	42.00	43.00	1.00	DRC	1.89				
DA691480	43.00	44.00	1.00	DRC	1.47	<0.001	<5	3.1	0.5
DA691481	44.00	45.00	1.00	DRC	1.68				
DA691482	45.00	46.00	1.00	DRC	0.89	<0.001	<5	3.1	0.4
DA691483	46.00	47.00	1.00	DRC	0.93				
DA691484	47.00	48.00	1.00	DRC	1.01	<0.001	<5	3.9	0.5
DA691485	48.00	49.00	1.00	DRC	1.11				
DA691486	49.00	50.00	1.00	DRC	0.76	<0.001	<5	3.8	0.4
DA691487	50.00	51.00	1.00	DRC	0.98				
DA691488	51.00	52.00	1.00	DRC	0.63	<0.001	<5	4.1	0.5
DA691489	52.00	53.00	1.00	DRC	0.95				
DA691490	53.00	54.00	1.00	DRC	1.14	<0.001	5	3.1	0.4
DA691491	54.00	55.00	1.00	DRC	1.86				
DA691492	55.00	56.00	1.00	DRC	0.99	<0.001	5	3.8	0.5
DA691493	56.00	57.00	1.00	DRC	1.22				
DA691494	57.00	58.00	1.00	DRC	1.14	<0.001	5	3.6	0.5
DA691495	58.00	59.00	1.00	DRC	0.83				
DA691496	59.00	60.00	1.00	DRC	0.65	<0.001	<5	4.4	0.7

SAMPLING RECORD

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PROJECT TCJV GIGANTIC DRILLING

PROSPECT ERL 85 SE53-14

COST CODE

DRILLING RECORD

DRILL TYPE

WATER TABLE

R.L. M

AZM:

DIP: -90.00

DATE:

COORDINATES

M 832995.00MN

437120.00ME

HOLE NO TCGC31

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIG.TECH ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAGS MAG SUS $1000	AU30 AUSL2 AU PPM	PYSTB AA CU PPM	PYSTB AA FE PCT	PYSTB AAHYD BI PPM
DA691497	60.00	61.00	1.00	DRC	0.79				
DA691498	61.00	62.00	1.00	DRC	0.89	<0.001	5	3.6	0.7
DA691499	62.00	63.00	1.00	DRC	1.30				
DA691500	63.00	64.00	1.00	DRC	1.60	<0.001	5	3.5	0.5
DA691501	64.00	65.00	1.00	DRC	1.44				
DA691502	65.00	66.00	1.00	DRC	1.51	<0.001	5	3.7	0.5
DA691503	66.00	67.00	1.00	DRC	0.29				
DA691504	67.00	68.00	1.00	DRC	0.94	<0.001	<5	3.7	0.5
DA691505	68.00	69.00	1.00	DRC	0.53				
DA691506	69.00	70.00	1.00	DRC	0.63	<0.001	5	4.1	0.6
DA691507	70.00	71.00	1.00	DRC	1.58				
DA691508	71.00	72.00	1.00	DRC	1.72	<0.001	<5	3.4	0.4
DA691509	72.00	73.00	1.00	DRC	1.26				
DA691510	73.00	74.00	1.00	DRC	1.17	<0.001	<5	3.2	0.3
DA691511	74.00	75.00	1.00	DRC	0.59				
DA691512	75.00	76.00	1.00	DRC	0.62	<0.001	<5	3.5	0.4
DA691513	76.00	77.00	1.00	DRC	1.72				
DA691514	77.00	78.00	1.00	DRC	0.98	<0.001	<5	4.0	0.6
DA691515	78.00	79.00	1.00	DRC	0.68				
DA691516	79.00	80.00	1.00	DRC	0.85	<0.001	<5	3.9	0.5
DA691517	80.00	81.00	1.00	DRC	0.46				
DA691518	81.00	82.00	1.00	DRC	0.61	<0.001	<5	3.7	0.5
DA691519	82.00	83.00	1.00	DRC	0.71				
DA691520	83.00	84.00	1.00	DRC	0.44	<0.001	<5	3.7	0.6
DA691521	84.00	85.00	1.00	DRC	0.53				
DA691522	85.00	86.00	1.00	DRC	0.85	<0.001	<5	3.8	0.5
DA691523	86.00	87.00	1.00	DRC	0.66				
DA691524	87.00	88.00	1.00	DRC	1.16	<0.001	<5	3.3	1.1
DA691525	88.00	89.00	1.00	DRC	1.94				
DA691526	89.00	90.00	1.00	DRC	0.72	<0.001	<5	3.8	0.6

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PROJECT TCJV GIGANTIC DRILLING

PROSPECT ERL 85 SE53-14

COST CODE

DRILLING RECORD

DRILL TYPE

WATER TABLE

R.L.. M

AZM:

DIP: -90.00

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COORDINATES

M 832996.00MN

437120.00ME

HOLE NO TC6C31

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIG.TECH ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAGS MAG SUS *1000	AU30 AUSL2 AU PPM	PYSTB AA CU PPM	PYSTB AA FE PCT	PYSTB AAHYD SI PPM
DA691527	90.00	91.00	1.00	DRC	0.96				
DA691528	91.00	92.00	1.00	DRC	0.44	<0.001	<5	4.6	1.0
DA691529	92.00	93.00	1.00	DRC	0.60				
DA691530	93.00	94.00	1.00	DRC	0.62	<0.001	<5	4.1	0.7
DA691531	94.00	95.00	1.00	DRC	1.06				
DA691532	95.00	96.00	1.00	DRC	1.34	<0.001	5	3.8	0.8
DA691533	96.00	97.00	1.00	DRC	2.62				
DA691534	97.00	98.00	1.00	DRC	3.18	<0.001	5	3.5	0.6
DA691535	98.00	99.00	1.00	DRC	5.90				
DA691536	99.00	100.00	1.00	DRC	0.98	<0.001	5	3.8	0.7
DA691537	100.00	101.00	1.00	DRC	1.96				
DA691538	101.00	102.00	1.00	DRC	4.67	<0.001	<5	3.9	0.4
DA691539	102.00	103.00	1.00	DRC	8.65				
DA691540	103.00	104.00	1.00	DRC	11.80				
DA691541	104.00	105.00	1.00	DRC	12.80				
DA691542	105.00	106.00	1.00	DRC	20.40	<0.001	40	4.0	0.2
DA691543	106.00	107.00	1.00	DRC	8.93				
DA691544	107.00	108.00	1.00	DRC	4.85	<0.001	65	4.5	0.3
DA691545	108.00	109.00	1.00	DRC	4.98				
DA691546	109.00	110.00	1.00	DRC	2.10				
DA691547	110.00	111.00	1.00	DRC	1.56				
DA691548	111.00	112.00	1.00	DRC	4.18	<0.001	60	4.7	0.4
DA691549	112.00	113.00	1.00	DRC	2.53				
DA691550	113.00	114.00	1.00	DRC	5.56	0.001	75	4.7	0.3
DA691551	114.00	115.00	1.00	DRC	2.42				
DA691552	115.00	116.00	1.00	DRC	3.69	<0.001	60	4.4	0.5
DA691553	116.00	117.00	1.00	DRC	2.56				
DA691554	117.00	118.00	1.00	DRC	1.41	0.001	70	4.7	0.3
DA691555	118.00	119.00	1.00	DRC	2.85				
DA691556	119.00	120.00	1.00	DRC	20.52	<0.001	45	4.8	0.2

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PROJECT TCJV GIGANTIC DRILLING

PROSPECT ERL 85 SE53-14

COST CODE

DRILLING RECORD

DRILL TYPE

WATER TABLE M

R.L. M

AZM:

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832995.00MN

437120.00ME

HOLE NO TC6C31

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIS.TECH ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAGS MAG SUS *1000	AU30 AUSL2 AU PPM	PYSTB AA CU PPM	PYSTB AA FE PCT	PYSTB AAHYD BI PPM
DA691557	120.00	121.00	1.00	DRC	17.80				
DA691558	121.00	122.00	1.00	DRC	12.40	<0.001	130	4.8	0.5
DA691559	122.00	123.00	1.00	DRC	8.51				
DA691560	123.00	124.00	1.00	DRC	6.21	0.001	50	4.9	1.0
DA691561	124.00	125.00	1.00	DRC	7.89				
DA691562	125.00	126.00	1.00	DRC	10.00	0.001	25	4.9	0.6
DA691563	126.00	127.00	1.00	DRC	11.20				
DA691564	127.00	128.00	1.00	DRC	19.80	0.044	25	4.4	0.3
DA691565	128.00	129.00	1.00	DRC	12.90				
DA691566	129.00	130.00	1.00	DRC	16.30	0.001	45	4.6	0.7
DA691567	130.00	131.00	1.00	DRC	14.50				
DA691568	131.00	132.00	1.00	DRC	21.00	0.001	20	4.3	4.7
DA691569	132.00	133.00	1.00	DRC	16.20				
DA691570	133.00	134.00	1.00	DRC	15.50	<0.001	<5	3.5	0.2
DA691571	134.00	135.00	1.00	DRC	18.40				
DA691572	135.00	136.00	1.00	DRC	19.80	<0.001	30	3.8	3.7
DA691573	136.00	137.00	1.00	DRC	13.70				
DA691574	137.00	138.00	1.00	DRC	14.60	0.001	20	4.5	0.4
DA691575	138.00	139.00	1.00	DRC	10.90				
DA691576	139.00	140.00	1.00	DRC	10.90	0.003	160	4.8	0.6
DA691577	140.00	141.00	1.00	DRC	5.00				
DA691578	141.00	142.00	1.00	DRC	9.08	<0.001	15	4.4	0.5
DA691579	142.00	143.00	1.00	DRC	2.03				
DA691580	143.00	144.00	1.00	DRC	0.67	<0.001	<5	3.7	0.5
DA691581	144.00	145.00	1.00	DRC	12.30				
DA691582	145.00	146.00	1.00	DRC	5.04	<0.001	5	3.9	0.6
DA691583	146.00	147.00	1.00	DRC	0.71				
DA691584	147.00	148.00	1.00	DRC	0.56	<0.001	5	5.1	1.0
DA691585	148.00	149.00	1.00	DRC	1.01				
DA691586	149.00	150.00	1.00	DRC	0.45	<0.001	5	3.9	1.1

SAMPLING RECORD

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REGION

PROJECT TCJV GIGANTIC DRILLING

PROSPECT ERL 85 SE53-14

COST CODE

DRILLING RECORD

DRILL TYPE

WATER TABLE M

R.L. M

AZM:

DIP: -90.00 HOLE NO TCGC31

DATE:

COORDINATES

832995.00MN

437120.00ME

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIG.TECH ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAGS MAG SUS *1000	AU30 AUSL2 AU PPM	PYSTB AA CU PPM	PYSTB AA FE PCT	PYSTB AAHYD BI PPM
DA691101	0.00	1.00	1.00	DRC	0.51	0.024	40	7.7	2.7
DA691102	1.00	2.00	1.00	DRC	0.37	0.001	50	4.5	1.9
DA691103	2.00	3.00	1.00	DRC	0.24	<0.001	115	11.5	7.7
DA691104	3.00	4.00	1.00	DRC	0.41	<0.001	110	12.9	1.5
DA691105	4.00	5.00	1.00	DRC	0.37	<0.001	135	12.4	1.3
DA691106	5.00	6.00	1.00	DRC	0.61	<0.001	80	10.7	0.7
DA691107	6.00	7.00	1.00	DRC	0.65	<0.001	90	12.3	0.9
DA691108	7.00	8.00	1.00	DRC	1.07	<0.001	75	7.6	0.8
DA691109	8.00	9.00	1.00	DRC	1.25	<0.001	150	9.0	1.0
DA691110	9.00	10.00	1.00	DRC	0.46	<0.001	300	9.1	0.6
DA691111	10.00	11.00	1.00	DRC	0.48	<0.001	270	8.7	0.5
DA691112	11.00	12.00	1.00	DRC	0.51	<0.001	420	7.9	0.7
DA691113	12.00	13.00	1.00	DRC	0.75	<0.001	320	6.8	0.8
DA691114	13.00	14.00	1.00	DRC	0.57	0.002	300	9.3	16.7
DA691115	14.00	15.00	1.00	DRC	0.44	<0.001	235	7.0	12.1
DA691116	15.00	16.00	1.00	DRC	0.45	<0.001	235	14.2	7.7
DA691117	16.00	17.00	1.00	DRC	0.94	<0.001	500	17.0	9.3
DA691118	17.00	18.00	1.00	DRC	0.59	0.001	850	22.0	4.4
DA691119	18.00	19.00	1.00	DRC	1.29	0.001	540	12.2	21.4
DA691120	19.00	20.00	1.00	DRC	0.78	0.001	380	10.2	10.2
DA691121	20.00	21.00	1.00	DRC	1.23	0.001	350	7.5	11.1
DA691122	21.00	22.00	1.00	DRC	0.71	<0.001	620	11.4	8.0
DA691123	22.00	23.00	1.00	DRC	0.90	0.001	340	5.6	3.4
DA691124	23.00	24.00	1.00	DRC	1.00	0.001	420	6.7	10.5
DA691125	24.00	25.00	1.00	DRC	1.04	0.001	1650	13.6	4.5
DA691126	25.00	26.00	1.00	DRC	0.35	<0.001	540	4.5	0.7
DA691127	26.00	27.00	1.00	DRC	0.19	<0.001	380	5.2	0.9
DA691128	27.00	28.00	1.00	DRC	0.18	<0.001	400	5.0	0.5
DA691129	28.00	29.00	1.00	DRC	0.20	<0.001	390	4.0	0.2
DA691130	29.00	30.00	1.00	DRC	0.20	0.001	175	3.1	1.1

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PROJECT TCJV GIGANTIC DRILLING

PROSPECT ERL 85 SE53-14

COST CODE

DRILLING RECORD

DRILL TYPE

WATER TABLE

R.L. M

AZM: 176.00

DIP: -60.00

DATE:

COORDINATES

M 831960.00MN

437480.00ME

HOLE NO TC6C32

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIG.TECH ASS.TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAGS MAG SUS *1000	AU30 AUSL2 AU PPM	PYSTB AA CU PPM	PYSTB AA FE PCT	PYSTB AAHYD BI PPM
DA691131	30.00	31.00	1.00	DRC	0.36	0.001	220	3.2	2.3
DA691132	31.00	32.00	1.00	DRC	0.32	0.008	175	3.3	0.6
DA691133	32.00	33.00	1.00	DRC	0.26	0.009	215	3.6	1.9
DA691134	33.00	34.00	1.00	DRC	0.67	0.015	480	3.4	1.6
DA691135	34.00	35.00	1.00	DRC	1.01	0.078	600	3.0	2.1
DA691136	35.00	36.00	1.00	DRC	0.45	0.005	620	3.2	0.7
DA691137	36.00	37.00	1.00	DRC	0.58	0.026	1770	3.5	1.1
DA691138	37.00	38.00	1.00	DRC	0.39	0.019	2480	4.0	0.6
DA691139	38.00	39.00	1.00	DRC	0.54	0.023	2650	4.4	0.8
DA691140	39.00	40.00	1.00	DRC	0.65	0.015	2040	4.3	4.0
DA691141	40.00	41.00	1.00	DRC	0.31	0.010	580	4.5	2.6
DA691142	41.00	42.00	1.00	DRC	0.42	0.004	590	3.8	1.5
DA691143	42.00	43.00	1.00	DRC	0.62	0.001	410	3.3	1.1
DA691144	43.00	44.00	1.00	DRC	0.65	0.007	970	3.2	1.1
DA691145	44.00	45.00	1.00	DRC	0.41	0.003	980	3.6	4.2
DA691146	45.00	46.00	1.00	DRC	0.52	0.020	3850	9.6	29.4
DA691147	46.00	47.00	1.00	DRC	0.61	0.008	2550	6.5	3.5
DA691148	47.00	48.00	1.00	DRC	7.36	0.013	920	18.2	175.0
DA691149	48.00	49.00	1.00	DRC	0.52	0.001	340	10.2	4.9
DA691150	49.00	50.00	1.00	DRC	0.61	0.007	200	10.9	36.8
DA691151	50.00	51.00	1.00	DRC	17.70	0.062	390	26.0	100.0
DA691152	51.00	52.00	1.00	DRC	48.50	0.011	290	24.0	74.5
DA691153	52.00	53.00	1.00	DRC	87.60	0.004	190	19.0	9.1
DA691154	53.00	54.00	1.00	DRC	34.40	0.002	130	18.8	5.2
DA691155	54.00	55.00	1.00	DRC	3.36	0.001	135	10.1	2.9
DA691156	55.00	56.00	1.00	DRC	0.35	0.001	90	2.2	2.4
DA691157	56.00	57.00	1.00	DRC	2.30	0.005	105	9.7	44.9
DA691158	57.00	58.00	1.00	DRC	19.10	0.003	100	16.8	35.6
DA691159	58.00	59.00	1.00	DRC	15.60	<0.001	25	16.9	1.7
DA691160	59.00	60.00	1.00	DRC	17.90	0.006	60	12.1	18.8

SAMPLING RECORD

MATERIAL

MAP REF

DEPTH

ARS NO

FROM

TO

SAMPLED BY

DATE

PHOTO NO

BEARING

PROJECT

REGION

PROJECT TCJV GIGANTIC DRILLING

PROSPECT ERL 85 SE53-14

COST CODE

DRILLING RECORD

DRILL TYPE

WATER TABLE

R.L. M

AZM: 176.00

DIP: -60.00

DATE:

COORDINATES

M 831960.00MN

437480.00ME

HOLE NO TCGC32

TCJV GIGANTIC DRILLING - ERL 85 SE53-14

DIG.TECH ASS TECH SAMPLE NUMBER	FROM (MTRS)	TO (MTRS)	SAMP INTV	SAMP TYPE	MAGS MAG SUS #1000	AU20 AUSL2 AU PPM	PYST6 AA CU PPM	PYST6 AA FE PCT	PYST6 AMHYD BI PPM
DA691161	60.00	61.00	1.00	DRC	4.02	0.002	30	11.8	9.6
DA691162	61.00	62.00	1.00	DRC	1.53	<0.001	20	8.6	1.9
DA691163	62.00	63.00	1.00	DRC	12.90	<0.001	25	12.4	0.6
DA691164	63.00	64.00	1.00	DRC	2.47	0.002	75	8.4	3.9
DA691165	64.00	65.00	1.00	DRC	1.24	0.002	45	7.0	5.4
DA691166	65.00	66.00	1.00	DRC	1.96	<0.001	15	9.1	0.8
DA691167	66.00	67.00	1.00	DRC	3.97	<0.001	20	9.3	0.3
DA691168	67.00	68.00	1.00	DRC	8.98	<0.001	15	11.2	0.2
DA691169	68.00	69.00	1.00	DRC	6.46	<0.001	135	14.5	2.6
DA691170	69.00	70.00	1.00	DRC	2.20	<0.001	450	8.8	2.7
DA691171	70.00	71.00	1.00	DRC	2.10	<0.001	720	6.1	4.8
DA691172	71.00	72.00	1.00	DRC	0.27	0.003	2970	1.6	11.4
DA691173	72.00	73.00	1.00	DRC	0.91	<0.001	330	2.0	1.9
DA691174	73.00	74.00	1.00	DRC	0.57	0.001	900	1.9	8.6
DA691175	74.00	75.00	1.00	DRC	0.25	0.001	175	0.8	2.4
DA691176	75.00	76.00	1.00	DRC	0.33	<0.001	180	1.5	0.8
DA691177	76.00	77.00	1.00	DRC	0.47	<0.001	15	1.3	0.2
DA691178	77.00	78.00	1.00	DRC	0.40	<0.001	180	1.3	1.5
DA691179	78.00	79.00	1.00	DRC	1.25	<0.001	10	2.1	0.1
DA691180	79.00	80.00	1.00	DRC	0.58	0.004	2410	2.3	21.2
DA691181	80.00	81.00	1.00	DRC	0.68	0.005	2800	2.4	12.7
DA691182	81.00	82.00	1.00	DRC	0.59	0.001	920	2.0	7.7
DA691183	82.00	83.00	1.00	DRC	0.46	0.001	690	2.1	5.5
DA691184	83.00	84.00	1.00	DRC	0.44	<0.001	85	1.9	0.7
DA691185	84.00	85.00	1.00	DRC	0.48	0.001	300	2.4	2.0
DA691186	85.00	86.00	1.00	DRC	0.63	<0.001	45	2.1	0.3
DA691187	86.00	87.00	1.00	DRC	0.59	<0.001	20	1.9	<0.1
DA691188	87.00	88.00	1.00	DRC	0.51	<0.001	40	1.6	0.8
DA691189	88.00	89.00	1.00	DRC	0.52	0.002	4650	2.7	11.5

SAMPLING RECORD

MATERIAL
DEPTH
SAMPLED BY
MAP REF
ARS NO
DATE
FROM
PHOTO NO
TO
BEARING

PROJECT

REGION
PROJECT TCJV GIGANTIC DRILLING
PROSPECT ERL 85 SE53-14
COST CODE

DRILLING RECORD

DRILL TYPE
WATER TABLE
R.L.
AZM: 176.00
DIP: -60.00
DATE:
COORDINA
N 831960.0
437480.0
HOLE NO TCGC32

Number of data records printed = 89

APPENDIX 11

XRD RESULTS

EXPLORATION DIVISION

GEOLOGICAL SERVICE & RESEARCH LABORATORY

WORK REQUEST FORM

WORK REQ. FORM № 26707 E

FORM 227

INDICATE PROBLEM Mineralogy RC chips

PROJECT TCJV

COST CODE 4073

PROSPECT Gossan Hill / Fuzzy

MAP SHEET (1: 250 000) SE53 14

SUBMITTED BY MW

DATE 25/1/93

PRIORITY:
- ☐ HIGH
- ☑ MEDIUM
- ☐ LOW

SPECIFIC DATE

No OF SAMPLES

SECTIONS TO BE
- ☐ RETURNED
- ☐ FULLY DESCRIBED
- ☑ RETAINED
- ☐ EXAMINED (NAMED)

ROCK SAMPLES TO BE
- ☑ RETAINED
- ☐ RETURNED
- ☐ DISCARDED

ANALYTICAL REQUEST SHEET No. MN 2777
2782
2781
- ☐ SENT TO GEOL RES LAB
- ☑ SENT TO GEOCHEM LAB

☐ ASSAYS REQUIRED? ANALYSE FOR

	SAMPLE No PRE	NUMBER	A.M.G. CO-ORDINATES NORTHING	EASTING	DRILL HOLE IDENTIFIER PRE	NUMBER	DEPTH (METRE)	
1	DA	6911			TCGC	27	20	21
2		145				27	44	45
3		158				27	57	58
4		186				27	85	86
5		509				31	72	73
6		534				31	97	98
7		542				31	105	106
8		562				31	125	126
9		384				30	25	26
10		386				30	27	28
11	DA	6913	96		TCGC	30	35	36
12								

	SAMPLE No PRE	NUMBER	S	WORK REQUIRED PS	PTS	TS	XRD	ASSAY	OTHER	COMMENTS
1							/			
2							/			
3							/			
4		AS					/			Semi quantitative XRD
5							/			
6		Above					/			
7							/			
8							/			
9							/			
10							/			
11							/			
12							/			

FOR GEOL. RES LAB. USE:

DATE RECEIVED ... SENT FOR ASSAY ... ROCKS RETURNED ... REPORT SENT OUT ...

EXPLORATION DIVISION

GEOLOGICAL SERVICE & RESEARCH LABORATORY

WORK REQUEST FORM

WORK REQ. FORM Nº 2678 E

FORM 227

INDICATE PROBLEM: Mineralogy

PROJECT: Tennant Ck JV

COST CODE: 4073

PROSPECT: Goss Hill

MAP SHEET (1:250 000): SE53-14

SUBMITTED BY: McARD

DATE: 25/11/93

PRIORITY:
- [ ] HIGH
- [x] MEDIUM
- [ ] LOW

SPECIFIC DATE:

No OF SAMPLES:

SECTIONS TO BE:
- [ ] RETURNED
- [x] RETAINED
- [ ] FULLY DESCRIBED
- [ ] EXAMINED (NAMED)

ROCK SAMPLES TO BE:
- [x] RETAINED
- [ ] RETURNED
- [ ] DISCARDED

ANALYTICAL REQUEST SHEET No. MIN 2761 2779
- [ ] SENT TO GEOL RES LAB.
- [ ] SENT TO GEOCHEM LAB.
- [ ] ASSAYS REQUIRED? ANALYSE FOR

	SAMPLE No. PRE	NUMBER	S	A.M.G. CO-ORDINATES NORTHING	EASTING	RL	DRILL HOLE IDENTIFIER PRE	NUMBER	LEVEL	NUMBER	S/S	W	DEPTH (METRES) FROM	TO
1	DA	691313					TCGC		29				54.00	55.00
2		313167							29				55.00	56.00
3		313187							29				56.00	57.00
4		312737							29				57.00	58.00
5		313337							29				74.00	75.00
6	DA	691600					TCGC		28				83.00	84.00
7														
8														
9														
10														
11														
12														

	SAMPLE No. PRE	NUMBER	S	WORK REQUIRED PS	PTS	TS	XRD	ASSAY	OTHER
1	DA	691313					✓		
2		313167					✓		
3		313187					✓		
4		312737					✓		
5		313337					✓		
6	DA	691600					✓		
7									
8									
9									
10									
11									
12									

COMMENTS

Mostly talc-carb-chl ± mt, Ehm ironstone 'lode' (Tennant Ck area).
Semi-quantitative XRD

XRD REPORT

Western Mining Corporation Limited - Exploration Division (Kalgoorlie)
ACN 004184 598

Request No: 2677E

Project : TENNANT CREEK JOINT VENTURE
Cost Code: 4073
Prospect : GOSS HILL
Submitted By : WARD M

Date Received : 26/01/93
Date Reported : 15/02/93
Rock Samples : Returned
XRD Powder Stored : MISC 99

Sample Numbers (Negative results imply uncertainity in mineral identity and/or Wt%)

Mineral wt%	DA691121	DA691145	DA691158	DA691186	DA691509	DA691534	DA691542	DA691562	DA691384 Zg	DA691386
Amphibole	—	—	—	—	—	—	—	5	—	—
Calcite	—	—	—	4	—	—	—	—	—	—
Dol-ankerite	—	—	—	82	—	—	—	—	—	—
Chlorite	—	6	—	2	8	10	3	3	—	—
Microcline	—	—	—	—	—	—	14	32	—	—
Goethite	—	5	—	—	—	—	—	—	6	9
Biotite	—	—	—	—	—	—	33	45	—	—
Muscovite	—	—	—	—	—	—	—	1	—	—
Muscovite 2M	—	—	—	—	5	11	—	—	—	—
Quartz	84	78	8	< 1	82	74	41	9	31	30
Serpentine	—	—	—	—	—	—	< 1	—	—	—
Talc	—	—	64	10	—	< 1	2	2	—	—
Hematite	7	—	29	—	—	—	—	—	5	62
Magnetite	—	—	—	—	—	< 1	—	—	—	—
Illite	—	8	—	—	—	—	—	—	—	—
Kaolinite	9	—	—	—	—	—	—	—	22	—
Smectite	—	—	—	—	—	—	—	—	36	—
Vermiculite	—	—	—	—	—	—	—	—	—	—
Cummingtonite and/or anthophyllite	—	2	—	—	2	1	—	< 1	—	—
Calcite and/or chalcopyrite	—	—	—	—	—	—	—	1	—	—
Chlorite &/or kaolinite	—	—	—	—	—	—	—	—	—	—
Sodic &/or calcic plagioclase	—	1	—	—	—	—	4	2	—	—
Siderite and/or apatite	—	—	—	—	—	—	1	—	—	—
Pyrite and/or hematite	—	—	—	2	3	3	—	—	—	—

Comments (If you have any queries about the data in this report, please contact the OIC Geological Research Laboratory or the XRD Laboratory Supervisor on ph(090) 265100)

DA691121
DA691145
DA691158
DA691186
DA691509
DA691534
DA691542
DA691562
DA691384
DA691386

X R D REPORT

Western Mining Corporation Limited - Exploration Division (Kalgoorlie)
ACN 004184 598

Request No: 2678E

Project : TENNANT CREEK JOINT VENTURE
Cost Code: 4073
Prospect : GOSS HILL
Submitted By : WARD M

Date Received : 26/01/93
Date Reported : 15/02/93
Rock Samples : Returned
XRD Powder Stored : MISC 99

Sample Numbers (Negative results imply uncertainity in mineral identity and/or Wt%)

Mineral wt%	DA691313	DA691316	DA691318	DA691327	DA691333	DA691600
Calcite	—	—	—	—	—	3
Dol-ankerite	36	—	—	—	72	92
Chlorite	3	—	3	80	2	—
Quartz	5	3	4	2	3	2
Talc	21	54	69	—	19	3
Hematite	35	20	23	15	—	—
Magnetite	—	4	< 1	—	—	—
Vermiculite	—	10	—	—	—	—
Dolomite and/or epidote-clinozoisite	—	—	1	—	—	—
Calcite and/or chalcopyrite	—	—	< 1	—	< 1	—
Chlorite &/or serpentine &/or kaolinite	—	—	—	—	—	< 1
Chlorite &/or kaolinite	—	9	—	—	—	—
Siderite and/or apatite	—	—	—	3	—	—
Pyrite and/or hematite	—	—	—	—	3	—

Comments (If you have any queries about the data in this report, please contact the OIC Geological Research Laboratory or the XRD Laboratory Supervisor on ph(090) 265100)

DA691313
DA691316
DA691318
DA691327
DA691333
DA691600

X R D REPORT

Western Mining Corporation Limited - Exploration Division (Kalgoorlie)
ACN 004184 598

Request No: 2677E

Project : TENNANT CREEK JOINT VENTURE
Cost Code: 4073
Prospect : GOSS HILL
Submitted By : WARD M

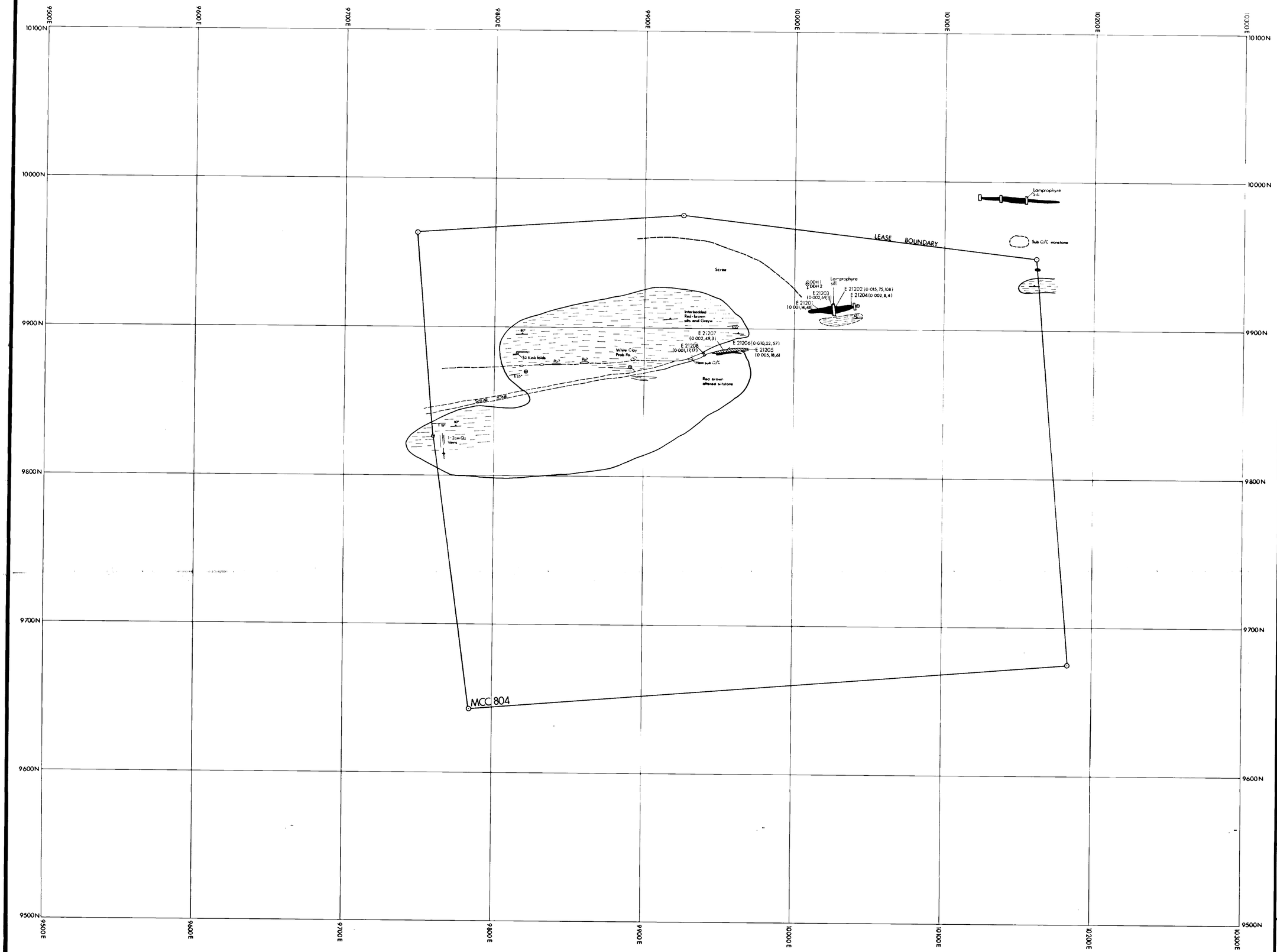
Date Received : 26/01/93
Date Reported : 15/02/93
Rock Samples : Returned
XRD Powder Stored : MISC 99

Sample Numbers (Negative results imply uncertainity in mineral identity and/or Wt%)

Mineral wt%	DA691394
Amphibole	—
Calcite	—
Dol-ankerite	—
Chlorite	—
Microcline	—
Goethite	4
Biotite	—
Muscovite	—
Muscovite 2M	—
Quartz	37
Serpentine	—
Talc	—
Hematite	7
Magnetite	—
Illite	—
Kaolinite	—
Smectite	—
Vermiculite	32
Cummingtonite and/or anthophyllite	—
Calcite and/or chalcopyrite	—
Chlorite &/or kaolinite	20
Sodic &/or calcic plagioclase	—
Siderite and/or apatite	—
Pyrite and/or hematite	—

Comments (If you have any queries about the data in this report, please contact the OIC Geological Research Laboratory or the XRD Laboratory Supervisor on ph(090) 265100)

DA691394



LEGEND

- Interbedded silts, sandstone and greywacke
- Magnetite haematite ironstone
- Po — Weathered vuggy clay possibly porphyry.
- S2 Slaty cleavage
- Bedding

ROCKCHIP SAMPLES

Sample No.	Au	Cu	Bi
E 21203	0·10 ppm	48 ppm	25 ppm

CR93/335B

MN
TN

NORTH FLINDERS MINES LIMITED

Tennant Creek : Northern Territory

EXPLORER 212

Sketch Geological Map

METRES 20 0 20 40 60 80 100

SCALE 1:1000

DATA BY	NFM (M.H.)	SEP 92	AMENDED	Oct 92 A
DRAWN BY	Carto Graphics	SEP 92	Drg. No.	EX 212-301
SHEET	OF			

Fig. 3

9850 E 9900 E 9950 E 10000 E 10050 E 10100 E 10150 E 10200 E 10250 E

10050 N
10000 N
9950 N
9900 N
9850 N
9800 N
9750 N

LEASE BOUNDARY

MCC 804

NECP.

Lamprophyre Dyke

Sub O/C ironstone

Caroline Mine 250m

ironstone

Pale Brn greyw - ss

SCREE SLOPE

DDH 1
DDH 2

Shallow south dipping lamprophyre dyke

Shear zone with mQ

E 21203 (1.5m) (0 CC2, 69,3, Brecciated mag - hem ironstone

E 21202 (2m) (0 015, 75, 108) Shr mag hem ironstone Spec rem & Qz brecc-a

trench

E 21204 (0 002, 8, 4) Mag hem Qz(mvn) ironstone

E 21201 (0 001, 14, 48)

Interbedded silts and greyw.

E 21207 (0 002, 49,3) Yellow silic cly with angular He to 5mm

E 21208 (0 001, 7, 17) Mic hem clay with Hem possibly Po

SHEAR ZONE

ALTERATION

E 21205 (2m) (0 005, 18, 6) Shear zone Breccia with hem 2-5 mm grains Silic possibly Po.

ironstone

E 21206 (0 01, 22, 57) Blk - pal ironstone 1m thick

Dk Red - brown Sandstone - Greyw.

LEGEND

- Interbedded silts, sandstone and greywacke
- Magnetite haematite ironstone
- Po — Weathered vuggy clay possibly porphyry.
- S_2 Slaty cleavage
- Bedding

ROCKCHIP SAMPLES

Sample No	Au	Cu	Bi
E 21204	0·016	85	37
	ppm	ppm	ppm

MN
TN

NORTH FLINDERS MINES LIMITED

Tennant Creek : Northern Territory

EXPLORER 212

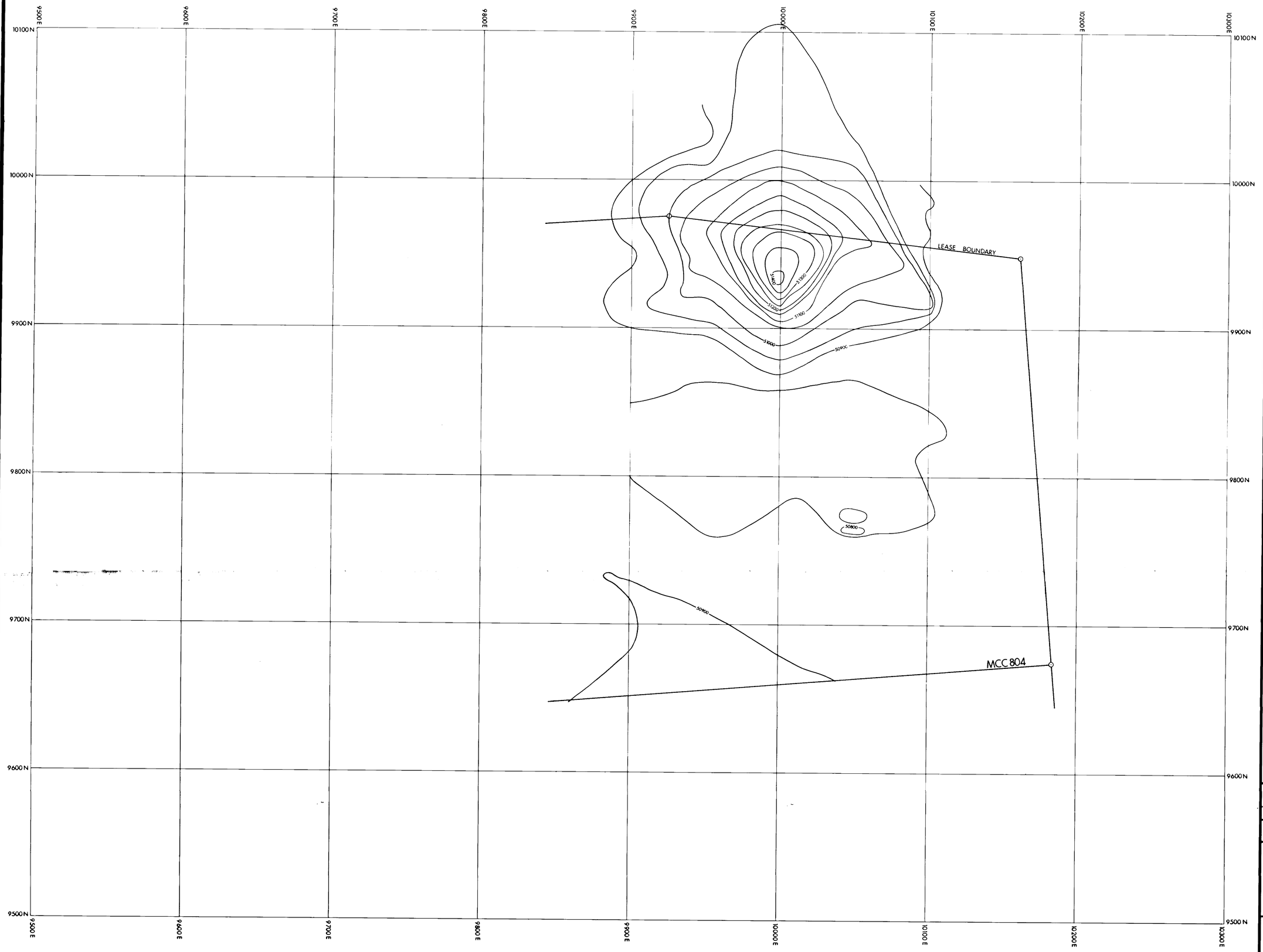
Central Joint Venture Tennant Creek

METRES 10 0 10 20 30 40 50

SCALE 1:500

DATA BY	NFM (M.H.)	SEP 92	AMENDED	OCT 92 A
DRAWN BY	Carto Graphics	SEP 92	Drg. No. EX212 - 302	
SHEET	OF			

Fig 4



LEGEND

CR93/335B

MN
TN

NORTH FLINDERS MINES LIMITED

Tennant Creek : Northern Territory

EXPLORER 212

Total Field Ground Magnetic Survey

METRES
20 0 20 40 60 80 100

SCALE 1:1000

DATA BY	NFM (M.H)	SEP 92	AMENDED
DRAWN BY	Carto Graphics	SEP 92	Drg. N°. 212 - 303
SHEET	OF		

Fig. 5

LEGEND

- Ironstone Outcrop
- Brecciated sediments, fault or recemented rubble.
- Shaft
- Costean
- Strike and Dip of bedding or layering within ironstone.
- Strike and Dip of cleavage
- Outcropping fold
- Inferred fold trace (position approx.)
- Fault (with sense of movement) and dip

MAIN CONTROL POINT AMG CO-ORDS
436 795·15 m E
7 834 035·16 m N

LAT. 19° 35' 15·352" S
LONG. 134° 23' 50·432" E

A D H R.L. 335·8 m
(DATUM GUM TRIG 350·7 m)

GRID 90° 00' TRUE
89° 48' AMG

SHEET INDEX

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

NW · NE · SW · SE · 53-43-7830

SCALE

50 0 50 100 150 200 METRES

REVISIONS			
Revised by	Date	Revised by	Date
L.Deve/Geology Fairway 1. D.A.B.	20/3/93		

WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

INTERPRETIVE GEOLOGY

GIGANTIC PROSPECT
E.L. 4820
TENNANT CREEK JOINT VENTURE AREA
NORTHERN TERRITORY

Author: R.Evans/D.A.B.	Map Ref.: 53-43-7830-7
Date: 16.12.86.	Plan No. 7047/42
Scale: 1: 2500	

Figure 4

CR93/3358

LEGEND

Slw	lithic wacke
Sw	greywacke
Ssh	shale
Ssl	siltstone
Ncy	alluvium
h	haematitic ironstone
j	jasperitic ironstone
-q	quartz
-sil	silicic
-h	haematitic
-lam	laminated
-bx	breccia
▲ Tbx	Tertiary breccia
bxwks	boxworks
· 091	Rockchip sample location Prefix DA662_ _ _

METRES

REVISIONS			
Revised By	Date	Revised By	Date

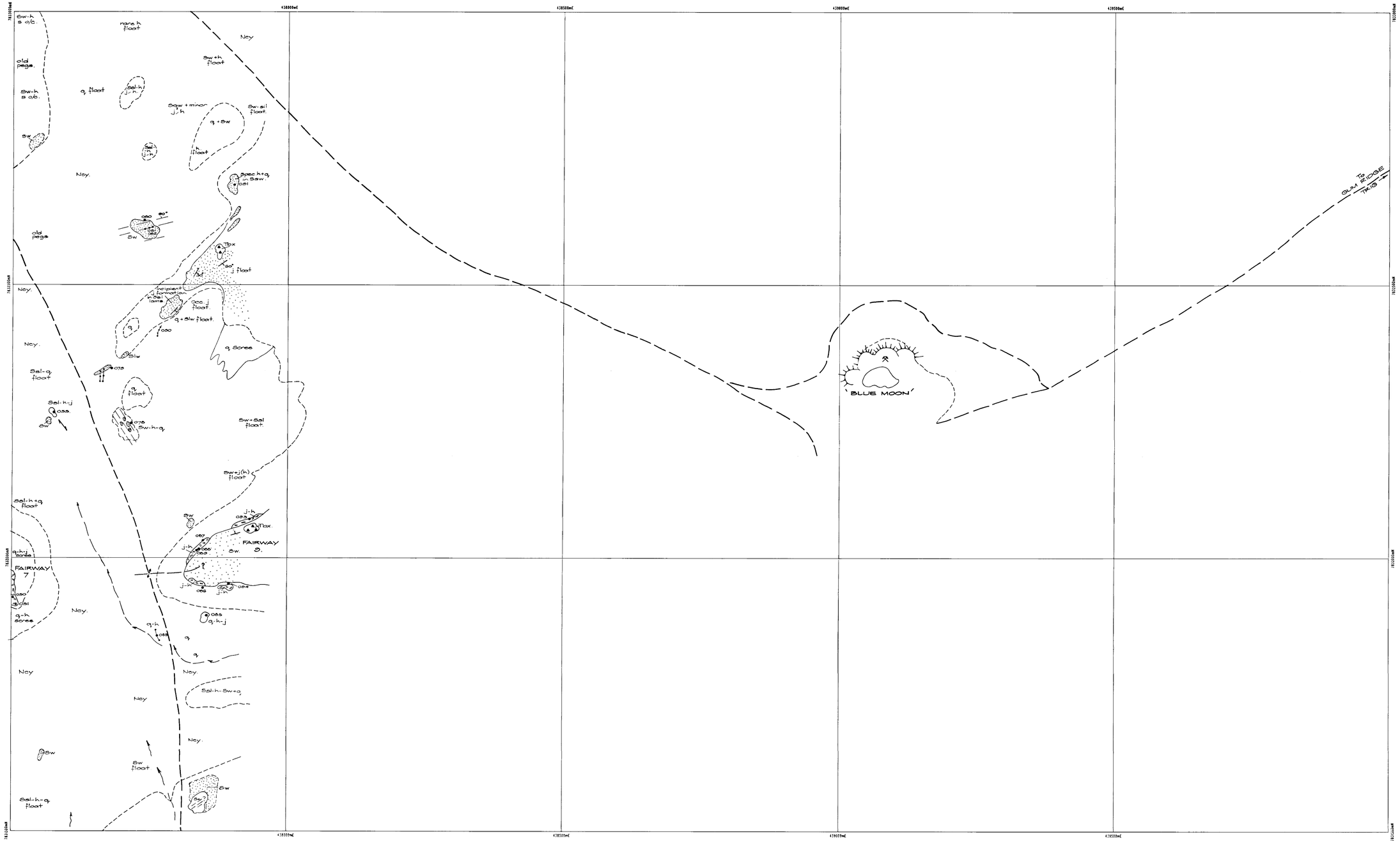
WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

GEOLOGICAL PLAN
ERL 85, EL 7636,7712
GIGANTIC/FAIRWAY/GOSSAN HILL AREAS
TENNANT CREEK PROJECT N.T.

DATE: 29-MAR-93	AUTHOR: M.A.W. D.A.B./L.D	PLAN NO.
SCALE: 1 : 2500	MAP REF. 53-43-7830/11	7047/463

Figure 5

CR93/335B



LEGEND

Shw	lithic wacke
Sw	greywacke
Sah	shale
Sal	siltstone
Ncy	alluvium
h	haematitic ironstone
j	jaspertitic ironstone
-q	quartz
-sil	silicic
-h	haematitic
-lam	laminated
-bx	breccia
▲ Tbx	Tertiary breccia
bxwks	boxworks
-091	Rockchip sample location Prefix DA662_ _ _

50 0 100 200
METRES

REVISIONS			
Revised By	Date	Revised By	Date

WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

GEOLOGICAL PLAN
ERL 85, EL 7636,7712
GIGANTIC/FAIRWAY/GOSSAN HILL AREAS
TENNANT CREEK PROJECT N.T.

DATE: 29-MAR-93	AUTHOR: M.A.W./	PLAN NO.	
SCALE: 1 : 2500	MAP REF. 53-43-7830/12	7047/466	

Figure 6

CR93/335B

LEGEND

Slw	lithic wacke
Sw	greywacke
Ssh	shale
Ssl	siltstone
Ncy	alluvium
h	haematitic ironstone
j	jasperitic ironstone
-q	quartz
-sil	silicic
-h	haematitic
-lam	laminated
-bx	breccia
▲ Tbx	Tertiary breccia
bxwks	boxworks
· 091	Rockchip sample location Prefix DA662_ _ _

50 0 100 200
METRES

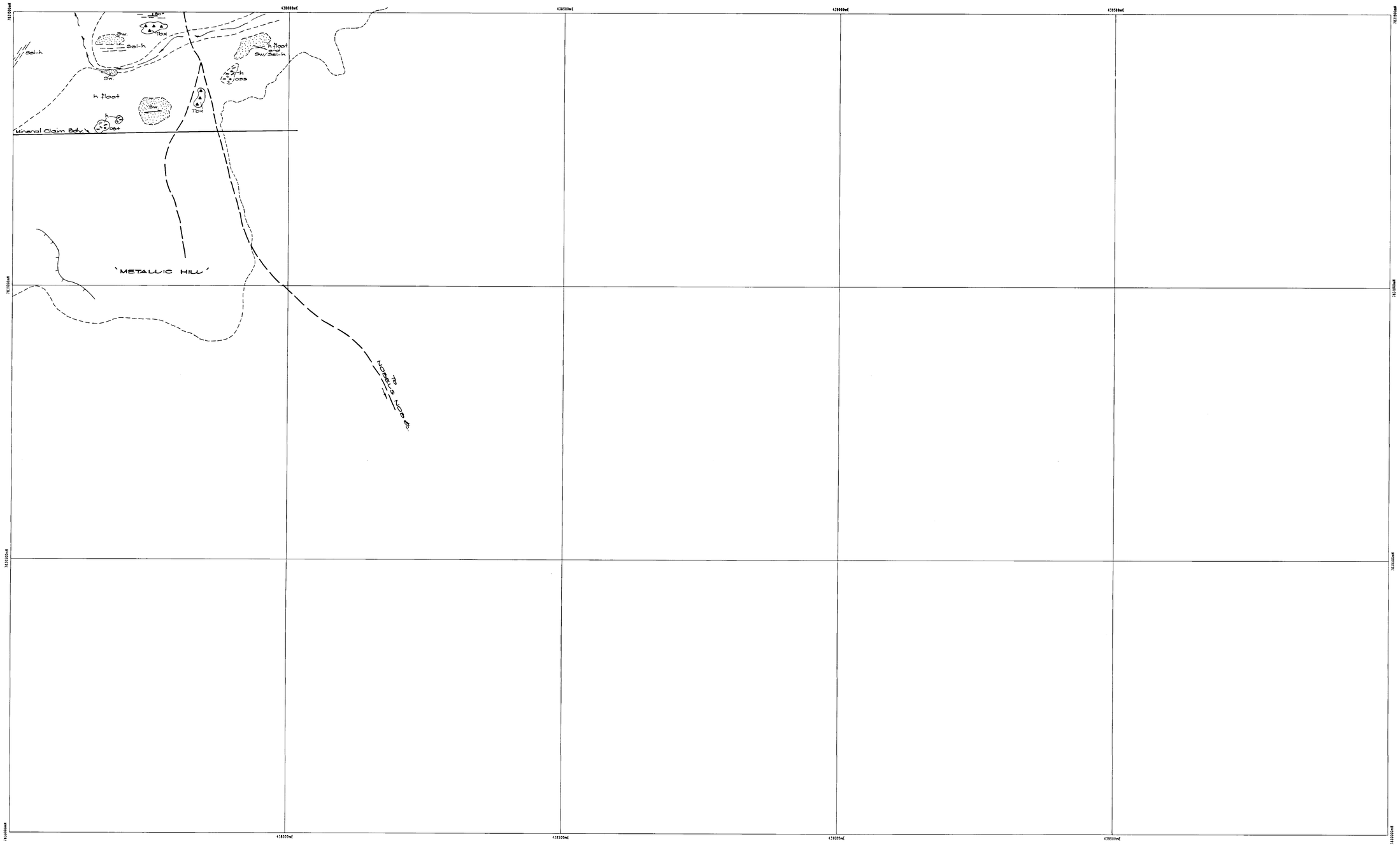
REVISIONS			
Revised By	Date	Revised By	Date

WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

GEOLOGICAL PLAN
ERL 85, EL 7636,7712
GIGANTIC/FAIRWAY/GOSSAN HILL AREAS
TENNANT CREEK PROJECT N.T.

DATE: 29-MAR-93	AUTHOR: M.A.W. D.A.B./L.D	PLAN NO.
SCALE: 1 : 2500	MAP REF. 53-43-7830/15	7047/467

Figure 7



LEGEND

Slw	lithic wacke
Sw	greywacke
Sah	shale
Sal	siltstone
Ncy	alluvium
h	haematitic ironstone
j	jaspertic ironstone
-q	quartz
-sil	silicic
-h	haematitic
-lam	laminated
-bx	breccia
▲ Tbx	Tertiary breccia
bxwks	boxworks
·091	Rockchip sample location Prefix DA662_ _ _

50 0 100 200
METRES

REVISIONS			
Revised By	Date	Revised By	Date

WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

GEOLOGICAL PLAN
ERL 85, EL 7636,7712
GIGANTIC/FAIRWAY/GOSSAN HILL AREA
TENNANT CREEK PROJECT N.T.

DATE: 29-MAR-93	AUTHOR: M.A.W./	PLAN NO.
SCALE: 1:2500	MAP REF.: 53-43-7830/S	7047/465

Figure 8

CR93/3358

Filename : Gigantic_8889_0692_Fairway_0692.amg
line gridding : GPCGRD
mesh 10
scan 120
lined : 20

Contour interval 10
50
200
1000

0 100 200 300 400 500 600 700 800metres

SCALE 1:10000

WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION		
TENNANT CK J.V. N.T. ERL 85, EL 7636 & EL 7712 GIGANTIC AREAS GROUND MAGNETICS		
DATE: 300393	BY: T.R.	PLAN NO.53-43-7830
SCALE: 1/10000	REF.	

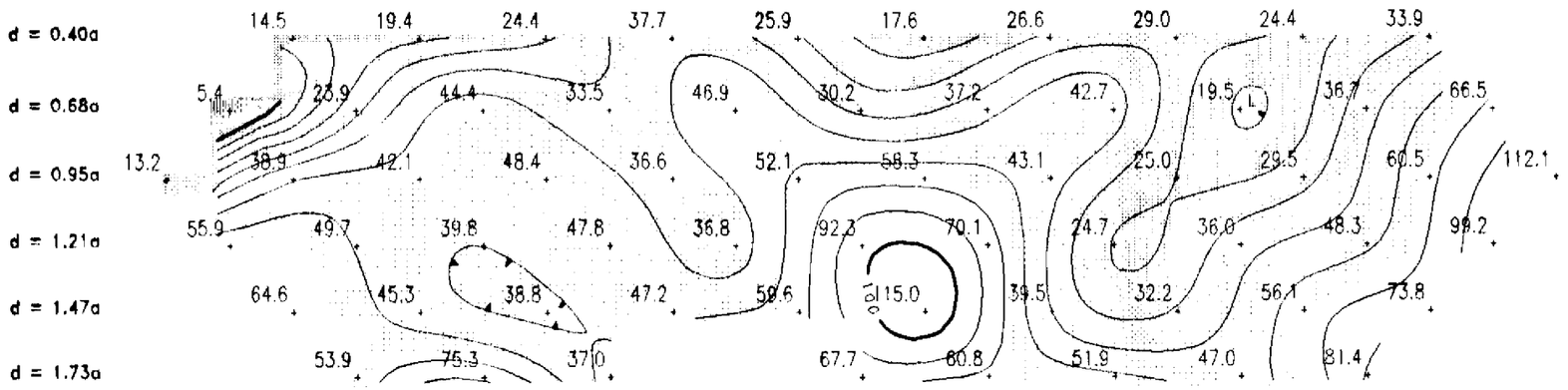
CR93/3358

Figure 9.

CULTURE PROFILE

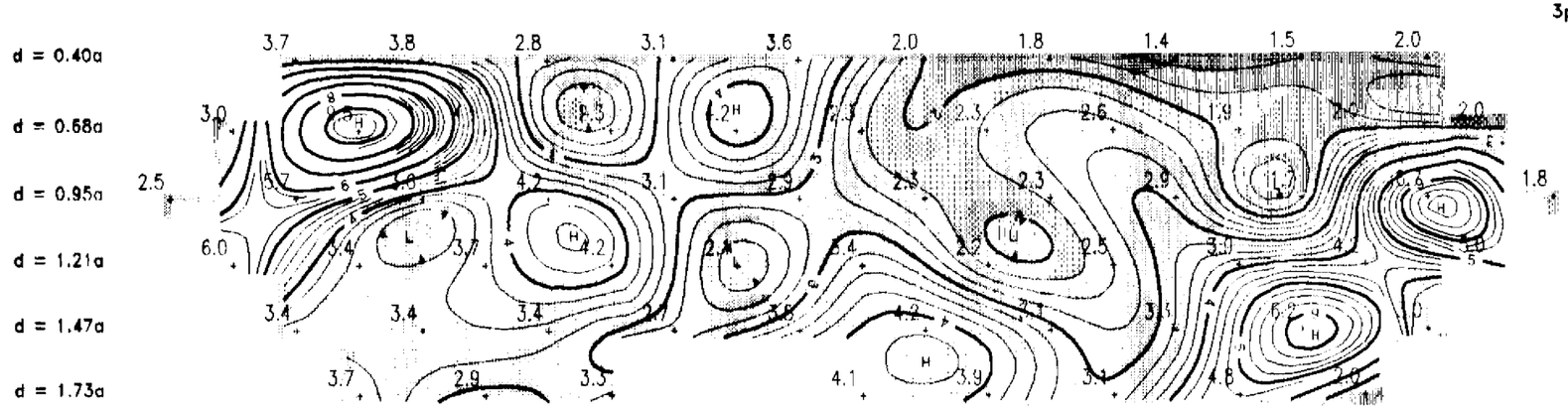
32500 N 32600 N 32700 N 32800 N 32900 N 33000 N 33100 N 33200 N 33300 N 33400 N 33500 N 33600 N

APPARENT RESISTIVITY (ohm-m)



32500 N 32600 N 32700 N 32800 N 32900 N 33000 N 33100 N 33200 N 33300 N 33400 N 33500 N 33600 N

3pt DECOUPLED PHASE (-mRadians)



DIPOLE SIZE	: 100.00 Meters
SURVEY DATE	: 051192
FREQUENCY	: .125 hz
CURRENT RANGE	: 7.0 to 20.0 Amperes
IP RECEIVER	:
IP TRANSMITTER	:
SOFTWARE VERSION	: CR 0521
COST CODE	: 4073
CONTOUR INTERVALS,	
RESISTIVITY	: Logarithmic (10 per cycle)
PHASE	: 0.25, 1.00

NOTE:

EDWARD'S depth scale has been used with a vertical exaggeration of 2 for plotting.

CR93/335B

50 0 50 100 150 200 250 300
(meters)

Figure 10

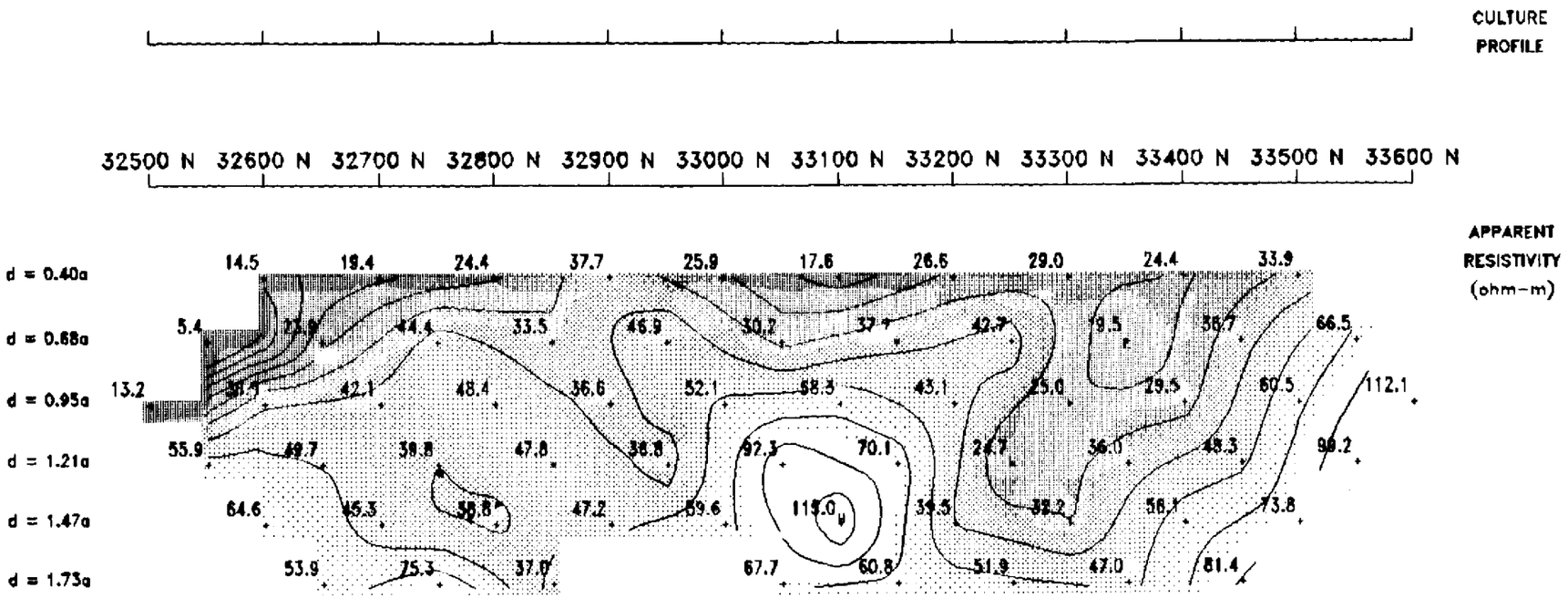
WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

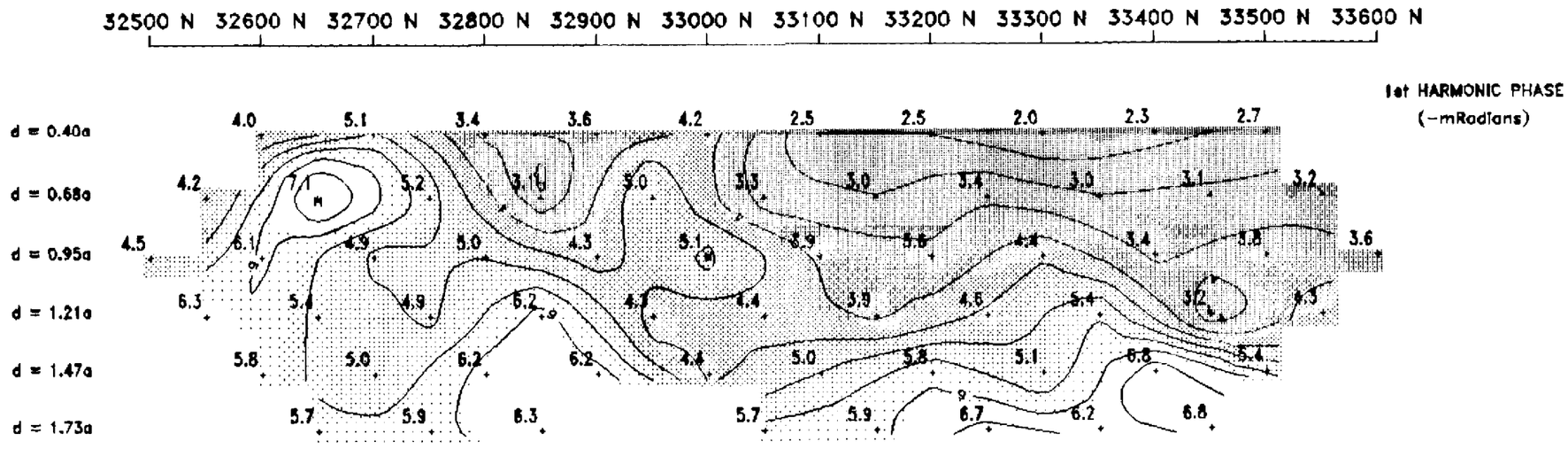
TENNANT CREEK JV EL 7636 GIGANTIC E.

DIPOLE - DIPOLE INDUCED POLARIZATION
FAIRWAY

LINE 437080 East

DATE: 18/12/92	AUTHOR: T.ROCA	PLAN NO.	
SCALE: 1: 5000	REF.	**7047/448**	





DIPOLE SIZE	: 100.00 Meters
SURVEY DATE	: 92-11
FREQUENCY	: .125 hz
CURRENT RANGE	: 7.0 to 20.0 Amperes
IP RECEIVER	: gdp16
IP TRANSMITTER	: ggt20
SOFTWARE VERSION	: CR 0521
COST CODE	: 4073
CONTOUR INTERVALS,	
RESISTIVITY	: Logarithmic (10 per cycle)
PHASE	: 0.50, 2.00

NOTE:

EDWARD'S depth scale has been used with a vertical exaggeration of 2 for plotting.

CR93/335B

100 0 100 200 300
(metres)

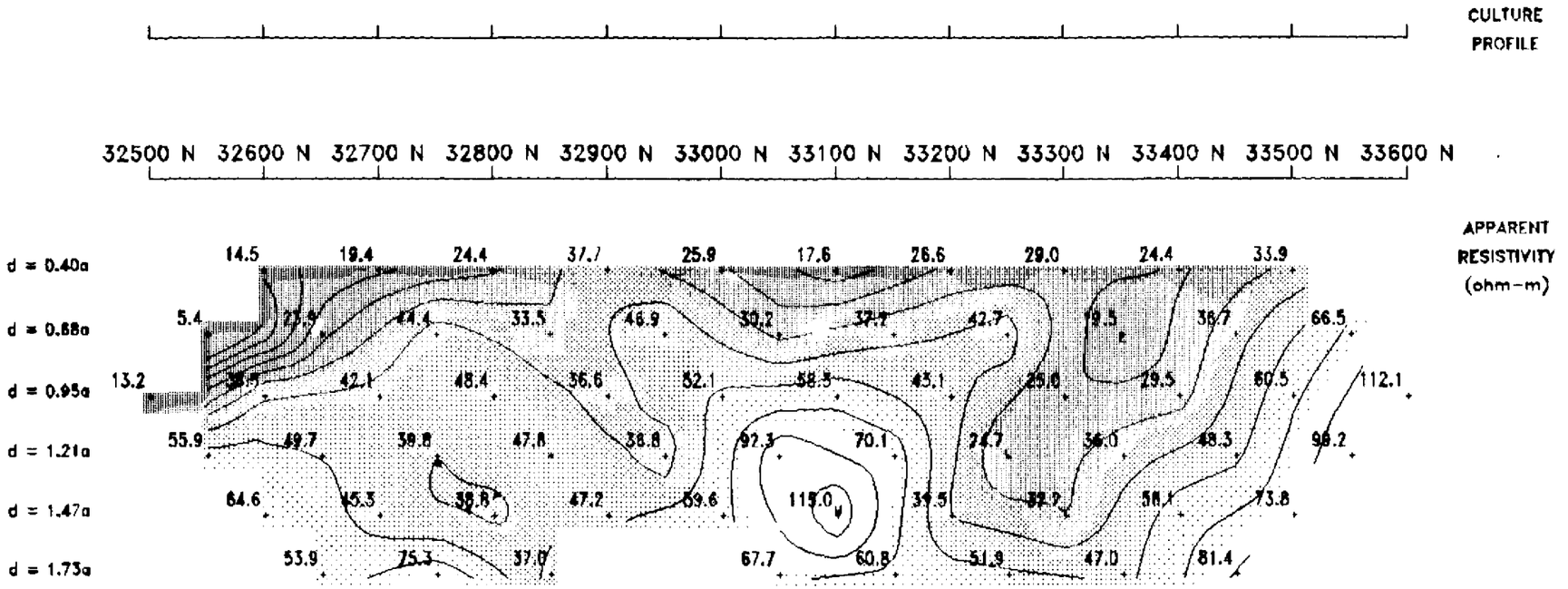
WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

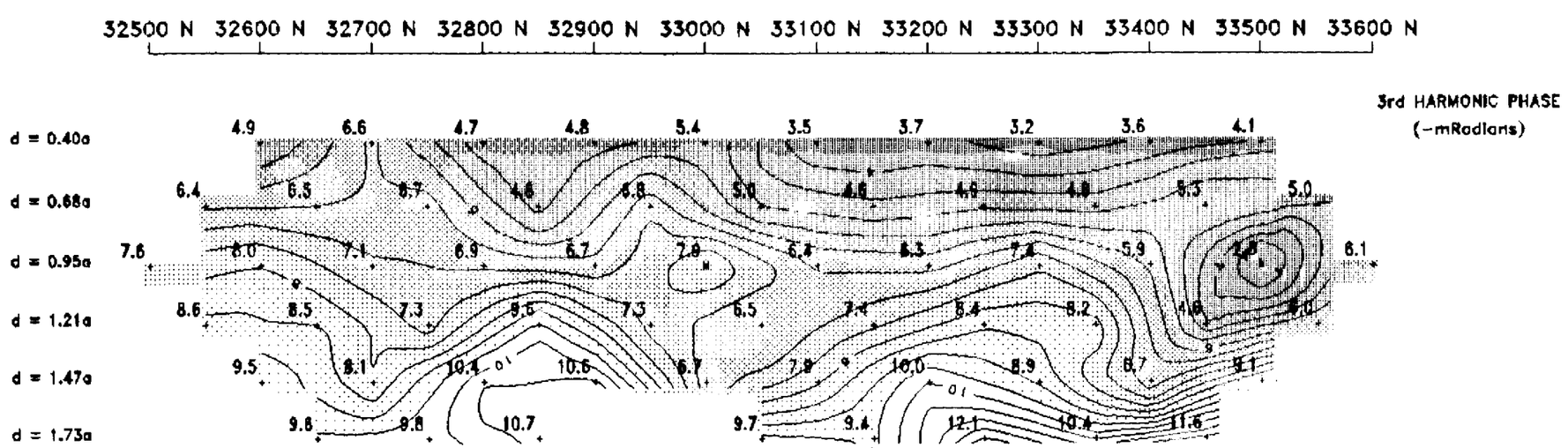
TENNANT CREEK JV EL 7636 GIGANTIC E.

DIPOLE - DIPOLE INDUCED POLARIZATION
Fairway Prospect
LINE 37080 East

DATE: 27/01/93	AUTHOR: JEH	PLAN NO.	
SCALE: 1: 5000	REF.	**7047/449**	

Figure 11





DIPOLE SIZE	: 100.00 Meters
SURVEY DATE	: 92-11
FREQUENCY	: .125 hz
CURRENT RANGE	: 7.0 to 20.0 Amperes
IP RECEIVER	: gdp16
IP TRANSMITTER	: ggt20
SOFTWARE VERSION	: CR 0521
COST CODE	: 4073
CONTOUR INTERVALS,	
RESISTIVITY	: Logarithmic (10 per cycle)
PHASE	: 0.50, 2.00

NOTE:

EDWARD'S depth scale has been used with a vertical exaggeration of 2 for plotting.

CR93/335B

100 0 100 200 300
(metres)

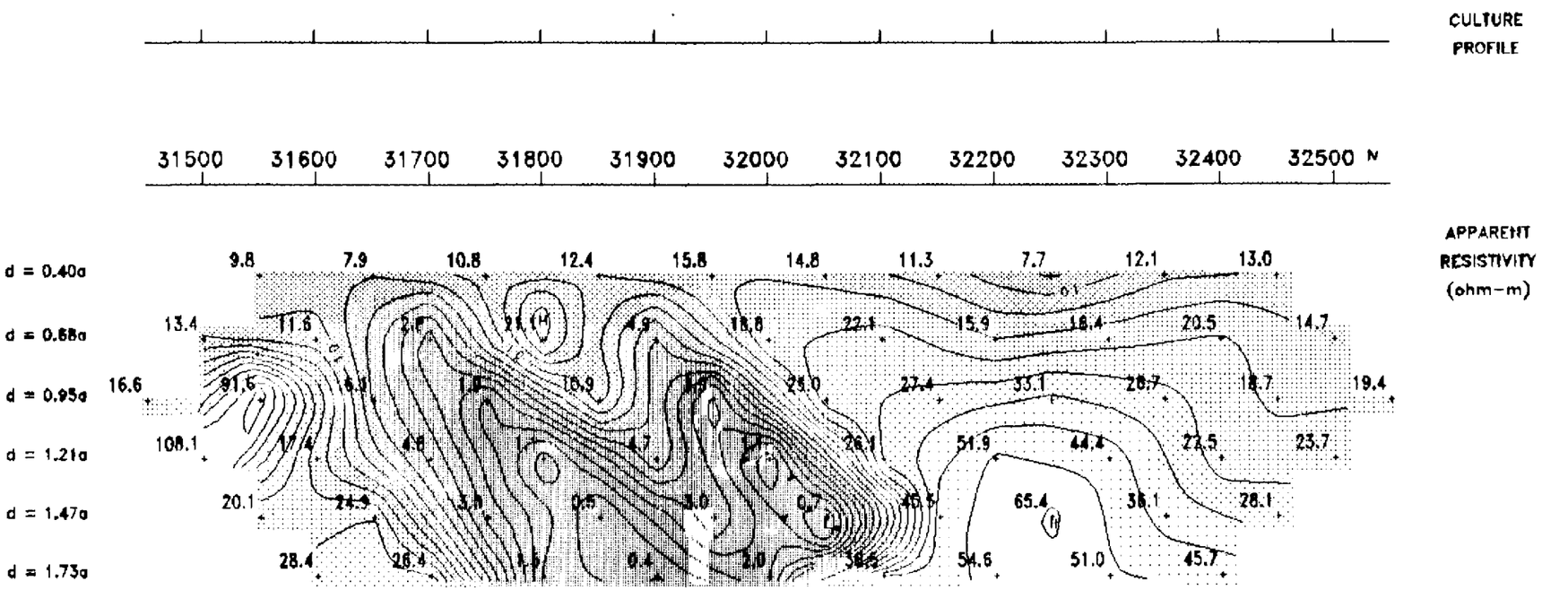
WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

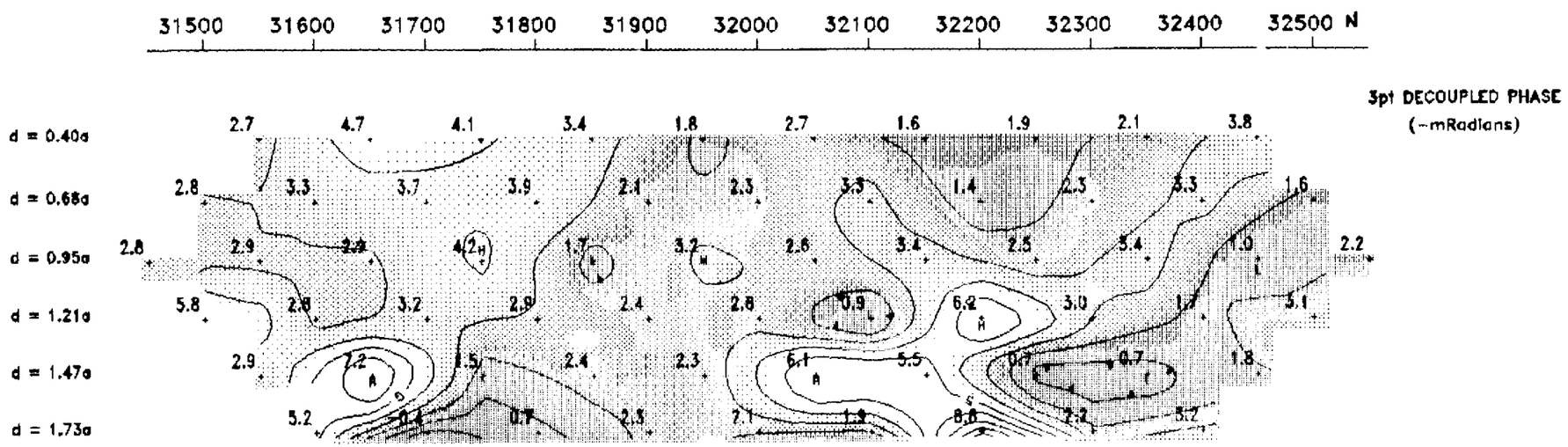
TENNANT CREEK JV EL 7636 GIGANTIC E.

DIPOLE - DIPOLE INDUCED POLARIZATION
Fairway Prospect
LINE 37080 East

DATE: 27/01/93	AUTHOR: JEH	PLAN NO.	
SCALE: 1: 5000	REF.	7047/450	

Figure 12





DIPOLE SIZE : 100.00 Meters
SURVEY DATE : 92-11
FREQUENCY : .125 hz
CURRENT RANGE : 3.0 to 20.0 Amperes
IP RECEIVER : GDP16
IP TRANSMITTER : GGT
SOFTWARE VERSION : CR 0521
COST CODE : 4073
CONTOUR INTERVALS,
RESISTIVITY : Logarithmic (10 per cycle)
PHASE : 1.00, 5.00

NOTE:
EDWARD'S depth scale has been used with a vertical exaggeration of 2 for plotting.

CR93/335B

100 0 100 200 300
(metres)

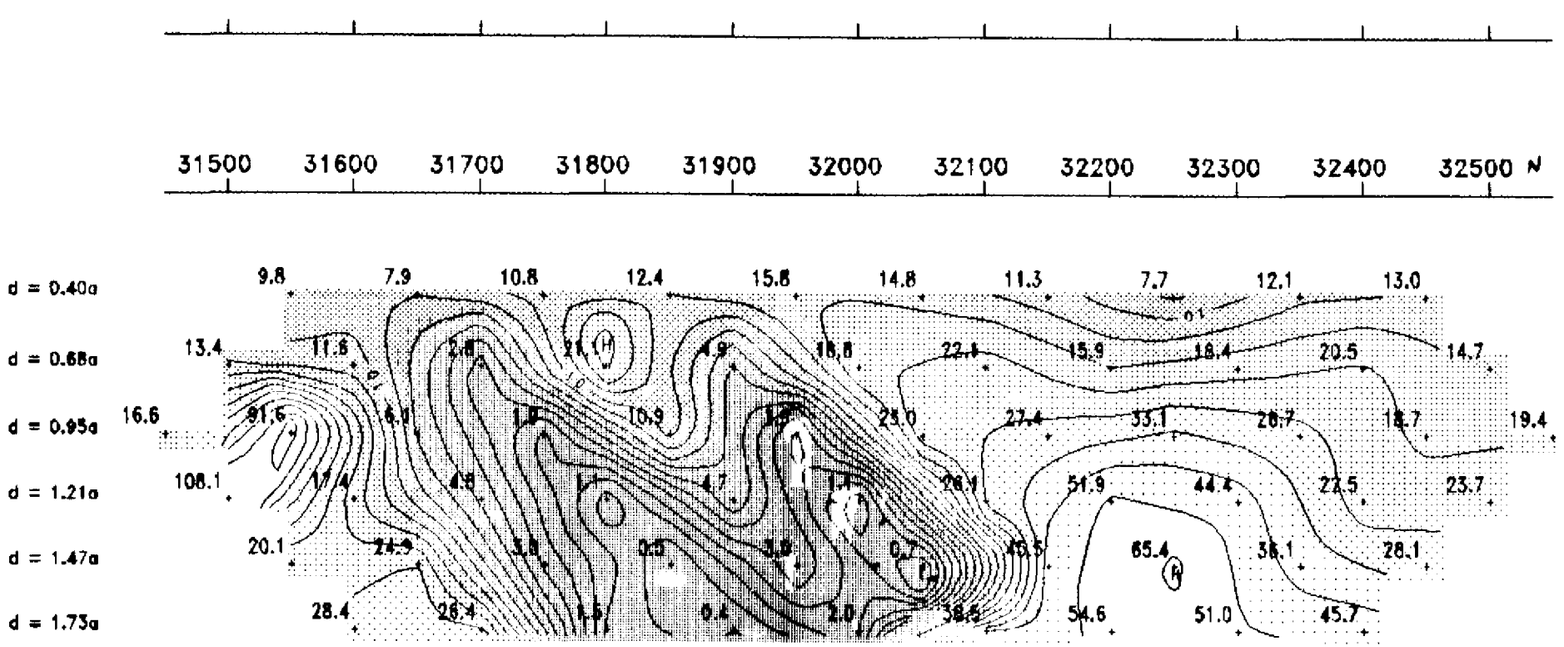
WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

TENNANT CREEK JV EL 7636 GIGANTIC E.

DIPOLE - DIPOLE INDUCED POLARIZATION
Gossan Hill
LINE 37480 East

DATE: 02/01/90	AUTHOR: JEH	PLAN NO. 7047/451
SCALE: 1: 5000	REF.	

Figure 13



DIPOLE SIZE	: 100.00 Meters
SURVEY DATE	: 92-11
FREQUENCY	: .125 hz
CURRENT RANGE	: 3.0 to 20.0 Amperes
IP RECEIVER	: GDP16
IP TRANSMITTER	: GGT
SOFTWARE VERSION	: CR 0521
COST CODE	: 4073
CONTOUR INTERVALS,	
RESISTIVITY	: Logarithmic (10 per cycle)
PHASE	: 1.00, 5.00

NOTE:

EDWARD'S depth scale has been used with a vertical exaggeration of 2 for plotting.

CR93/335B

100 0 100 200 300
(metres)

WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

TENNANT CREEK JV EL 7636 GIGANTIC E.

DIPOLE - DIPOLE INDUCED POLARIZATION

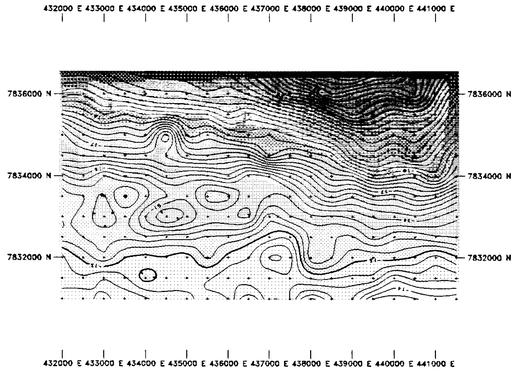
Gossan Hill

LINE 37480 **East**

DATE: 02/01/90	AUTHOR: JEH	PLAN NO.	
SCALE: 1: 5000	REF.	**7047/452**	

Figure 14

SHEET No. 5758N



Contour Interval = 0.20 mgal
Base easting = 437200
Base northing = 7833002
Base value = 97836.56 mgal
Survey Date = 92-09
Authour: JEH
Data File: gi_9209g.grv
Cost Code: 4069

INDEX TO ADJOINING SHEETS

5659S	5759S	5859S
5658N	5758N	5858N
5658S	5758S	5858S

SCALE 1:50000

1000 0 1000 2000

METRES

AUSTRALIAN MAP GRID
Grid Interval 10000 Metres

CR93/335B

Figure 15

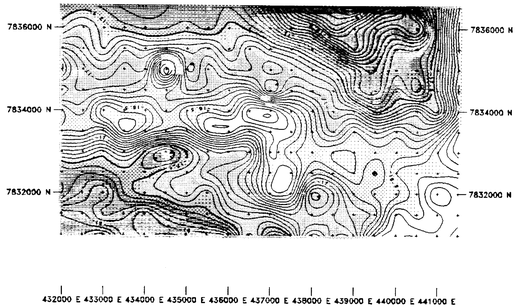
WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

BOUGUER GRAVITY MAP

5758N - TENNANT CREEK
TENNANT CREEK PROJECT N.T.

DATE: 11-MAR-93	AUTHOR: M.A.W./	PLAN NO.	7047/446
SCALE: 1 : 50000	MAP REF. 5758N		

SHEET No. 5758N



Gradient removed 1 mgal/km @ 190
No correction at 437000E, 7834000N
Contour Interval = 0.10 mgal
Base easting = 473200
Base northing = 78334000
Base value = 978536.56 mgal
Survey date = 92-09
Authour:JEH
Data File: ginograd.grv
Cost Code: 4069

CR93/335

Figure 16

INDEX TO ADJOINING SHEETS

5659S	5759S	5859S
5658N	5758N	5858N
5658S	5758S	5858S

SCALE 1:50000

METRES

AUSTRALIAN MAP GRID
Grid Interval 10000 Metres

WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

RESIDUAL GRAVITY MAP

5758N - TENNANT CREEK
TENNANT CREEK PROJECT N.T.

DATE: 11-MAR-93	AUTHOR: M.A.W./	PLAN NO. 7047/445
SCALE: 1 : 50000	MAP REF: 5758N	

442500mE
443000mE
443500mE
444000mE
444500mE
445000mE

7831500mN
7831000mN
7830500mN
7830000mN

SAMPLES SELECTED FROM DATABASE

	(total)	Selected
C:/NT/4074RTLA/JOB1029.DB	(155)	19

CR93/333B

Figure 17

WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

TENNANT CREEK PROJECT
GIGANTIC AREA LAGS
SAMPLE LOCATIONS

DATE: 19/3/1993	AUTHOR: CHENOWETH PLAN NO.
SCALE: 1:2500	MAP REF53-44-7B3-B

443000mE
443500mE
444000mE
444500mE
445000mE

7834500mN
7834000mN
7833500mN

+0.5
+1
+0.5
+0.5
+1
+0.5
+1
92
92
+0.5
+0.5
+0.5
+0.5
+0.5
+0.5
+0.5
+0.5
+0.5
+0.5
+0.5

442500mE
443000mE
443500mE
444000mE
444500mE

SAMPLES SELECTED FROM DATABASE

	(total)	Selected
C:/NT/4074RTLA/JOB1029.DB	(155)	19

AUP87G5	
★	> 80
■	40<=80
●	20<=40
▲	8<=20
♦	1<=8
+	<= 1

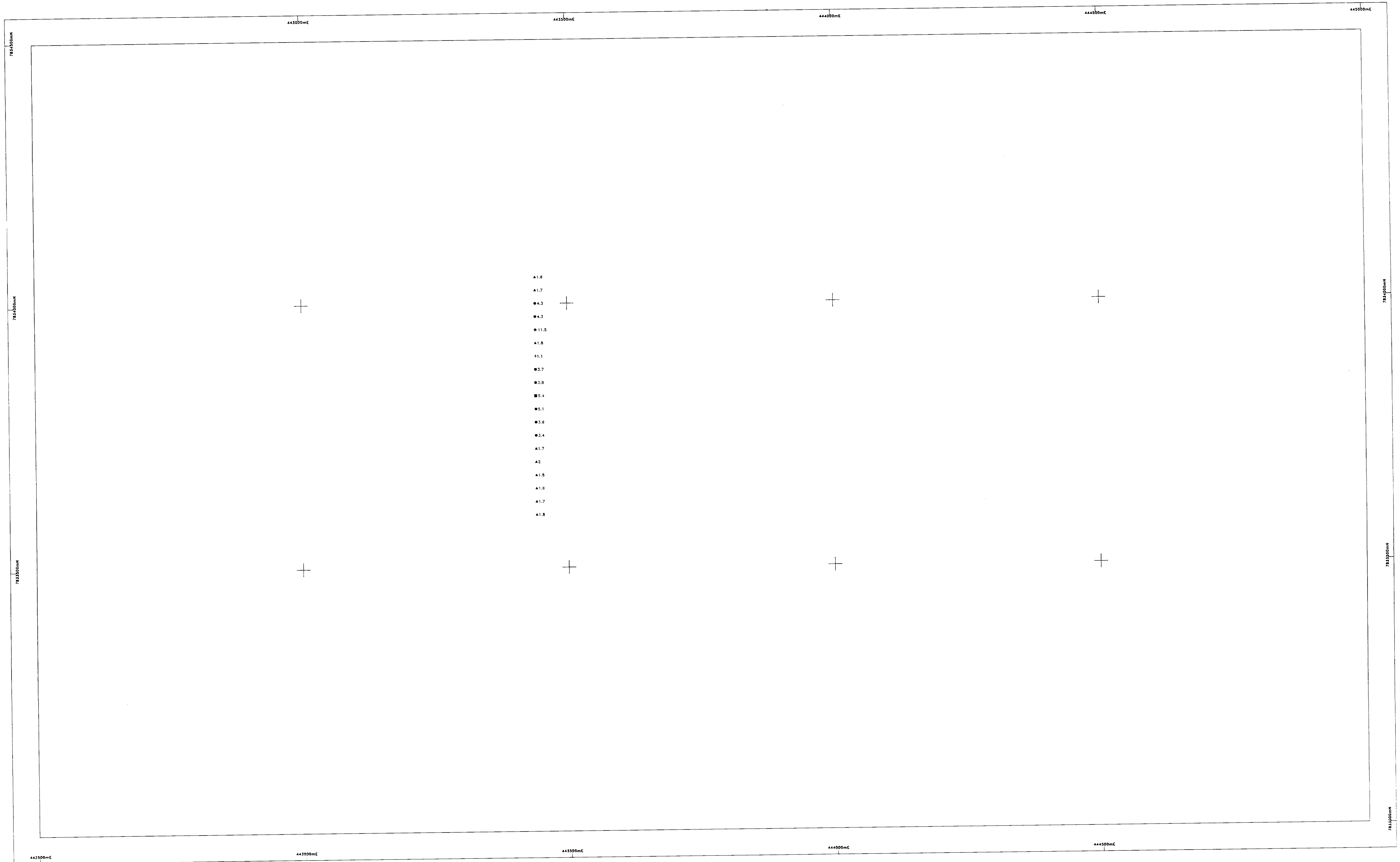
CR93/335B

Figure 18

WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION		
TENNANT CREEK PROJECT GIGANTIC AREA LAGS AU IN P.P.B.		
DATE: 19/3/1993	AUTHOR: GHENOWETH	PLAN NO.
SCALE: 1:2500	MAP REI53-44-783-B	

SAMPLES SELECTED FROM DATABASE

	(total)	Selected
C:/NT/4074RTLA/JOB1029.DB	(155)	19



BI_87MF1	
★	> 10.4
■	5.2<=10.4
●	2.6<=5.2
▲	1.2<=2.6
◊	0.5<=1.2
+	<= 0.5

CR93/335B

Figure 19

WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

TENNANT CREEK PROJECT
GIGANTIC AREA LAGS
BI IN P.P.M.

DATE: 19/3/1993	AUTHOR: CHENOWETH	PLAN NO.
SCALE: 1:2500	MAP REF53-44-783-6	

SAMPLES SELECTED FROM DATABASE

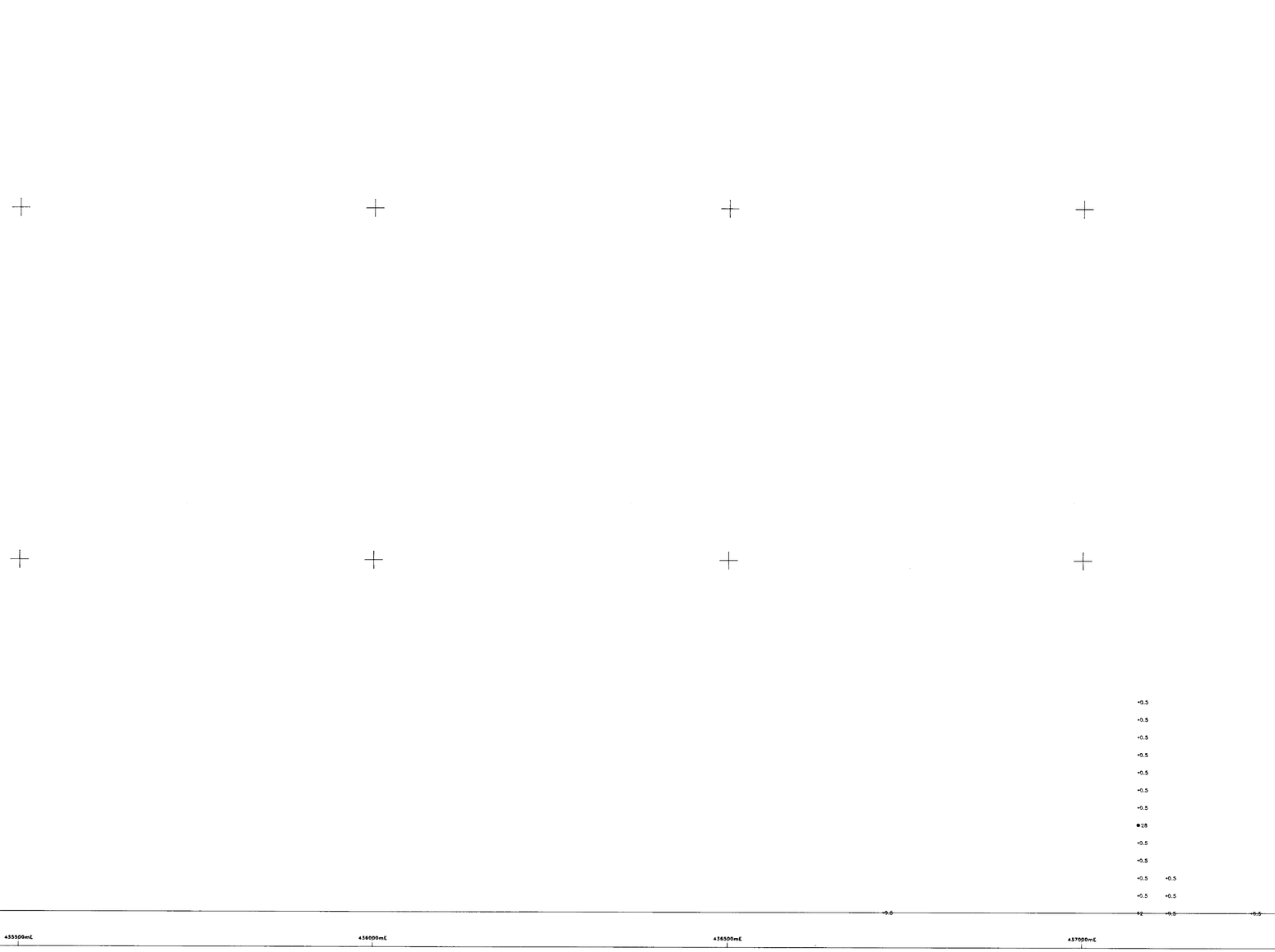
	(total)	Selected
C:/NT/4074RTLA/JOB1029.DB	(155)	18

CR93/335B

Figure 20

WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION		
TENNANT CREEK PROJECT GIGANTIC AREA LAGS SAMPLE LOCATIONS		
DATE: 19/3/1993	AUTHOR: CHENOWETH	PLAN NO.
SCALE: 1:2500	MAP REF53-43-783-7	

435000mE
435500mE
436000mE
436500mE
437000mE
437500mE
7832500mN
7832000mN
7831500mN



SAMPLES SELECTED FROM DATABASE

	(total)	Selected
C:/NT/4074RTLA/FAIRWAY.DB	(155)	18

AUP87G5	
*	> 80
■	40<=80
●	20<=40
▲	8<=20
♦	1<=8
+	<= 1

CR93/333B

Figure 21

WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION		
TENNANT CREEK PROJECT GIGANTIC AREA LAGS AU IN P.P.B.		
DATE: 19/3/1993	AUTHOR: CHENOWETH	PLAN NO.
SCALE: 1:2500	MAP REF53-43-783-7	

435500mE
436000mE
436500mE
437000mE
437500mE
7834500mN
7834000mN
7833500mN
7833000mN

SAMPLES SELECTED FROM DATABASE

	(total)	Selected
C:/NT/4074RTLA/FAIRWAY.DB	(155)	18

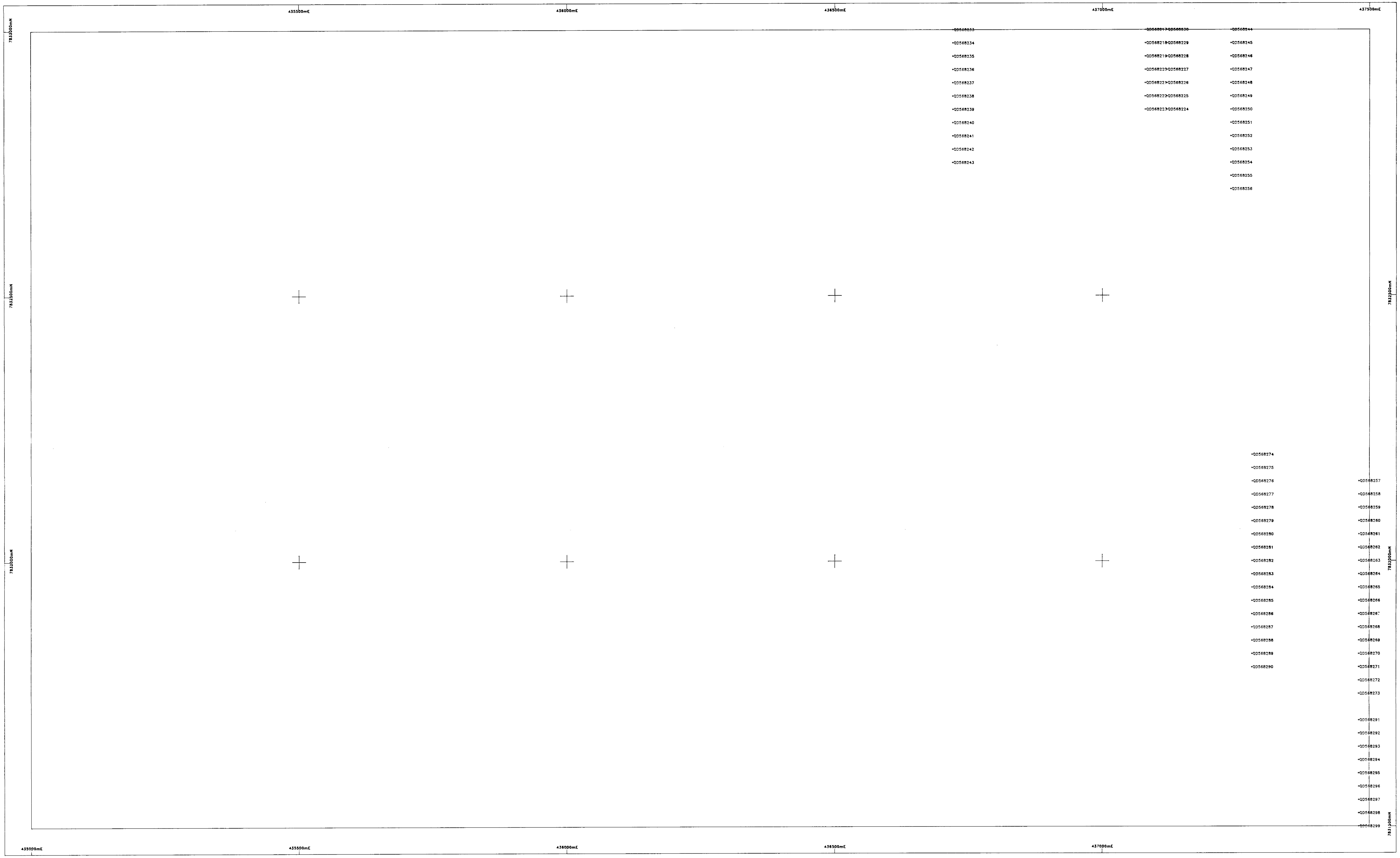
●2.7
▪1.2
▲1.8
▲1.5
▲1.3
▲1.7
▪1.1
●4.8
▲1.8
●4.3
●3.9 ▲1.9
●2.7 ▲1.4
▪5.5 ●3.4 ▪1.1

BI_87MF1	
★	> 10.4
■	5.2<=10.4
●	2.6<=5.2
▲	1.2<=2.6
◆	0.5<=1.2
•	<= 0.5

CR93/335

Figure 22

WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION		
TENNANT CREEK PROJECT GIGANTIC AREA LAGS BI IN P.P.M.		
DATE: 19/3/1993	AUTHOR: CHENOWETH	PLAN NO.
SCALE: 1:2500	MAP REF:53-43-783-7	


435500mE
436000mE
436500mE
437000mE
437500mE
435000mE
7832500mN
7832000mN
7831500mN
+QD568233
+QD568234
+QD568235
+QD568236
+QD568237
+QD568238
+QD568239
+QD568240
+QD568241
+QD568242
+QD568243
+QD568217+QD568230
+QD568218+QD568229
+QD568219+QD568228
+QD568220+QD568227
+QD568221+QD568226
+QD568222+QD568225
+QD568223+QD568224
+QD568244
+QD568245
+QD568246
+QD568247
+QD568248
+QD568249
+QD568250
+QD568251
+QD568252
+QD568253
+QD568254
+QD568255
+QD568256
+QD568274
+QD568275
+QD568276
+QD568277
+QD568278
+QD568279
+QD568280
+QD568281
+QD568282
+QD568283
+QD568284
+QD568285
+QD568286
+QD568287
+QD568288
+QD568289
+QD568290
+QD568257
+QD568258
+QD568259
+QD568260
+QD568261
+QD568262
+QD568263
+QD568264
+QD568265
+QD568266
+QD568267
+QD568268
+QD568269
+QD568270
+QD568271
+QD568272
+QD568273
+QD568291
+QD568292
+QD568293
+QD568294
+QD568295
+QD568296
+QD568297
+QD568298
+QD568299

SAMPLES SELECTED FROM DATABASE

	(total)	Selected
C:/NT/4074RTLA/JOB1029.DB	(155)	81

CR93/335B

Figure 23

WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION		
TENNANT CREEK PROJECT GIGANTIC AREA LAGS SAMPLE LOCATIONS		
DATE: 19/3/1993	AUTHOR: CHENOWETH	PLAN NO.
SCALE: 1:2500	MAP RE93-43-783-1	

Philip Baker (c) 1992 WMCMAP version 2.08 19/3/1993 - 12:05:47

SAMPLES SELECTED FROM DATABASE

	(total)	Selected
C:/NT/4074RTLA/FAIRWAY.DB	(155)	81

AUP87G5	
★	> 80
■	40<=80
●	20<=40
▲	8<=20
◊	1<=8
+	<= 1

CR93/335B

Figure 24

WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

TENNANT CREEK PROJECT
GIGANTIC AREA LAGS
AU IN P.P.B.

DATE: 19/3/1993	AUTHOR: CHENOWETH	PLAN NO.
SCALE: 1:2500	MAP REF3-43-783-11	

435500mE
436000mE
436500mE
437000mE
437500mE
7821500mN
7821000mN
7820500mN

SAMPLES SELECTED FROM DATABASE

	(total)	Selected
C:/NT/4074RTLA/FAIRWAY.DB	(155)	81

BI_87MF1	
★	> 10.4
■	5.2<=10.4
●	2.6<=5.2
▲	1.2<=2.6
♦	0.5<=1.2
·	<= 0.5

CR93/335B

Figure 25

WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION		
TENNANT CREEK PROJECT GIGANTIC AREA LAGS BI IN P.P.M.		
DATE: 19/3/1993	AUTHOR: CHENOWETH	PLAN NO.
SCALE: 1:2500	MAP REF: 43-783-11	

435500mE
436000mE
436500mE
437000mE
437500mE

7831500mN
7831000mN
7830500mN
7830000mN

+00568299
+00568300
+00568301
+00568302
+00568303
+00568304
+00568305
+00568306
+00568307
+00568308
+00568309
+00568310
+00568311
+00568312
+00568313
+00568314
+00568315
+00568316
+00568317
+00568318
+00568319
+00568320
+00568321
+00568322
+00568323
+00568324
+00568325
+00568326
+00568327
+00568328
+00568329
+00568330
+00568331
+00568332
+00568333
+00568334
+00568335
+00568336
+00568337
+00568338
+00568339
+00568340

SAMPLES SELECTED FROM DATABASE

	(total)	Selected
C:/NT/4074RTLA/JOB1029.DB	(155)	42

CR93/335B

Figure 26

WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION		
TENNANT CREEK PROJECT GIGANTIC AREA LAGS SAMPLE LOCATIONS		
DATE: 19/3/1993	AUTHOR: CHENOWETH	PLAN NO.
SCALE: 1:2500	MAP REF: 5-43-783-1B	

435500mE
436000mE
436500mE
437000mE
437500mE
7831500mN
7831000mN
7830500mN
7830000mN

+5
+0.5
+0.5
+0.5
+0.5
+0.5
+0.5
+0.5
+0.5
●24
◆3
+0.5
+0.5
+1
+1
+1
+1
+1
+0.5
+0.5
+0.5
+0.5
◆5
+1
▲11
+0.5
+0.5
+1
+1
+0.5
+0.5
+0.5
+0.5
+0.5
+1
+0.5
+1
+0.5
◆8
+0.5
+0.5
+0.5
+0.5
+0.5

SAMPLES SELECTED FROM DATABASE

	(total)	Selected
C:/NT/4074RTLA/FAIRWAY.DB	(155)	42

AUP876S	
*	> 80
■	40<=80
●	20<=40
▲	8<=20
◆	1<=8
+	<= 1

CR93/3353

Figure 27

WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION		
TENNANT CREEK PROJECT GIGANTIC AREA LAGS AU IN P.P.B.		
DATE: 19/3/1993	AUTHOR: CHENOWETH	PLAN NO.
SCALE: 1:2500	MAP [illegible]-43-783-15	

Philip Baker (c) 1992 WinCAMP version 2.08 19/3/1993 - 11:35:20

435500mE
436000mE
436500mE
437000mE
437500mE
7831500mN
7831000mN
7830500mN
7830000mN

★ 16.3
★ 10.9
★ 31
★ 33
★ 25
★ 15.8
★ 15.2
★ 22
★ 24
★ 28
★ 38
★ 39
★ 42
★ 29
★ 19.4
★ 30
★ 17.8
● 4.2
■ 8.8
★ 17.4
● 2.7
★ 12.2
■ 7.3
★ 13.1
■ 9.4
★ 12.7
■ 6.8
● 3.9
■ 6.2
★ 14.5
■ 8.9
■ 6.8
■ 10.3

SAMPLES SELECTED FROM DATABASE

	(total)	Selected
C:/NT/4074RTLA/FAIRWAY.DB	(155)	42

BI_87MF1	
★	> 10.4
■	5.2<=10.4
●	2.6<=5.2
▲	1.2<=2.6
♦	0.5<=1.2
•	<= 0.5

CR93/335B

Figure 28

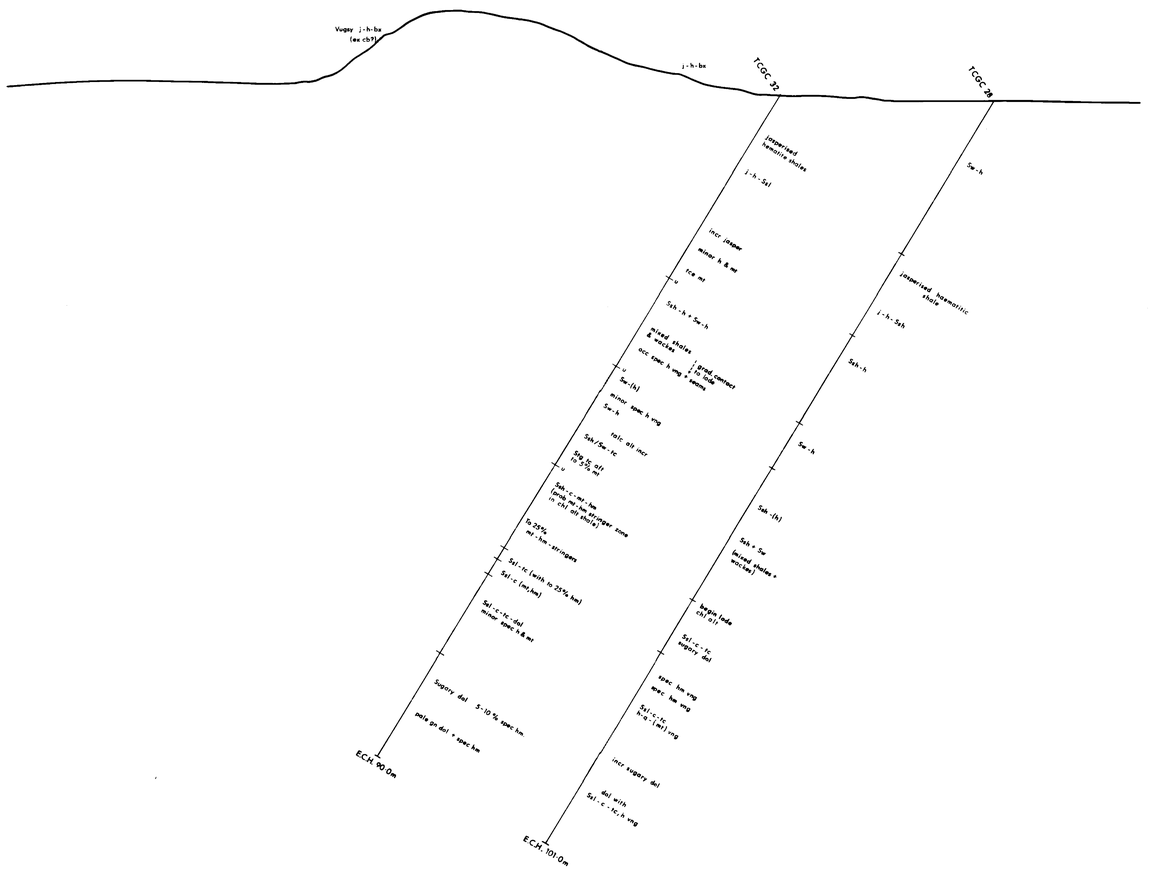
WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION	
TENNANT CREEK PROJECT GIGANTIC AREA LAGS BI IN P.P.M.	
DATE: 19/3/1993	AUTHOR: CHENOWETH, PLAN NO.
SCALE: 1:2500	MAP 5853-43-783-15

7831 822mE | 7831 850mE | 7831 875mE | 7831 900mE | 7831 925mE | 7831 950mE | 7831 975mE | 7832 000mE | 7832 025mE | 7832 050mE | 7832 075mE

437 480mE — 437 480 mE

SOUTH — **NORTH**

7831 825 mE | 7831 850mE | 7831 875 mE | 7831 900mE | 7831 925mE | 7831 950mE | 7831 975mE | 7a32 000mE | 7832 025mE | 7832 050mE | 7832 075mE



LEGEND

CR93/335B

0 5 10 15 20 25
METRES

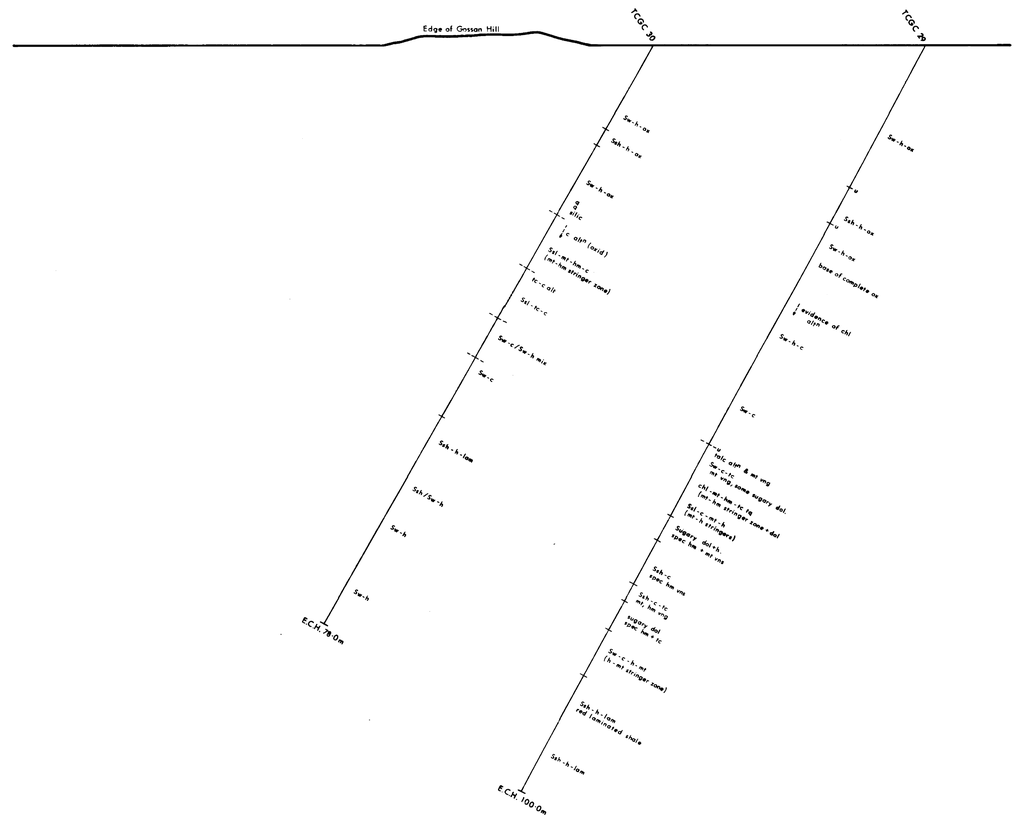
WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION		
GEOLOLGICAL CROSS SECTION 437480mE 'GOSSAN HILL' GIGANTIC EAST EL 7636		
TENNANT CREEK PROJECT N.T.		
Date FEB 1993	Author MAW/LJD	Plan No. 7047/441
Scale 1:250	Ref.	

Figure 29

7831 825mE | 7831 850mE | 7831 875mE | 7831 900mE | 7831 925mE | 7831 950mE | 7831 975mE | 7832 000mE | 7832 025mE | 7832 050mE | 7832 075mE

437 480mE — 437520mE

SOUTH — **NORTH**



LEGEND

CR93/335B

0 5 10 15 20 25
METRES

WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION		
GEOLOLGICAL CROSS SECTION 437520mE 'GOSSAN HILL' GIGANTIC EAST EL 7636		
TENNANT CREEK PROJECT N.T.		
Date FEB. 1993	Author M.AW/L.JD	Plan No. 7047/442
Scale 1:250	Ref.	

Figure 30