

MIM EXPLORATION PTY LTD

TECHNICAL REPORT

No. 2506

TITLE: EXPLORATION LICENCE No.6808 "LORELLA"
NORTHERN TERRITORY
FOURTH ANNUAL REPORT
YEAR ENDED : 2nd NOVEMBER, 1994

**ISSUING
DEPARTMENT:** EXPLORATION

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**INVESTIGATIONS
CONDUCTED BY:** MIM EXPLORATION STAFF

DATE NOVEMBER 1994

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EXPLORATION LICENCE No.6808 "LORELLA"

NORTHERN TERRITORY

FOURTH ANNUAL REPORT : YEAR ENDED 2nd NOVEMBER, 1994

1. INTRODUCTION AND SUMMARY

Exploration Licence No. 6808 "Lorella" is located approximately 960km by road southeast of Darwin, in the McArthur Basin. The licence covers approximately 104km². "Lorella" was granted for six years on November 2nd 1990.

The tenement covers areas of the Lower Tawallah and McArthur Groups which are postulated to be separated by the northerly extension of the Emu Fault, the "Pine Fault", which passes through the licence area. The area is considered prospective for base metals based on the similarity of structure and stratigraphy to that found at the HYC deposit.

The area has been explored in the past for base metals, phosphate, uranium and manganese with little result.

During 1994 a diamond core hole was drilled to test for potential extensions of copper mineralisation encountered in LD22, drilled the previous year. Diamond drillhole LD25 was completed at a depth of 353.6m and intersected ferruginous dolomitic siltstone containing visible native copper and galena between 297m and 306m. This zone yielded 3992ppm Cu and 2098ppm Pb. Downhole E.M. surveys conducted in drill holes LD22 and LD25 reported no significant conductors.

A small soil sampling survey was undertaken with no significant results reported.

Moderately significant Cu, Pb anomalism in ferruginous siltstones intersected in LD25 correlates well with that noted in LD22 and indicates mineralisation is continuous and stratabound.

2. LOCATION AND ACCESS

The Licence area lies on the Tawallah Range (6066) (1:100 000 scale) topographic map, approximately 100km NW from Borroloola or by road, 960km SE of Darwin, Northern Territory. The EL is bounded by latitude 15°30'S and 15°45'S and longitudes 135°53'E and 136°00'E (Fig. 1).

Access to EL6808 is by the Stuart Highway from Darwin to Daly Waters, the Carpentaria Highway to Borroloola, and along the Bing Bong road for approximately 72.5km to the turn-off to the Licence area.

Within the area there are numerous sand tracks which allow four-wheel drive vehicle access into most parts, although cross-country traverses are difficult due to the low and thick nature of the scrub. The terrain is mostly sandy with occasional black soil and Paper Bark swamps. Topographically the majority of the EL is flat lying.

3. TENURE

Exploration Licence No.6808 was applied for on 6th October 1989 and granted to Mount Isa Mines Limited on 2nd November 1990 for a term of six years. The area covered is 32 one-minute graticular blocks, which equals 104km². The NTDME expenditure commitment for the fourth year was \$100,000. There are no unusual conditions or requirements attached to the Licence.

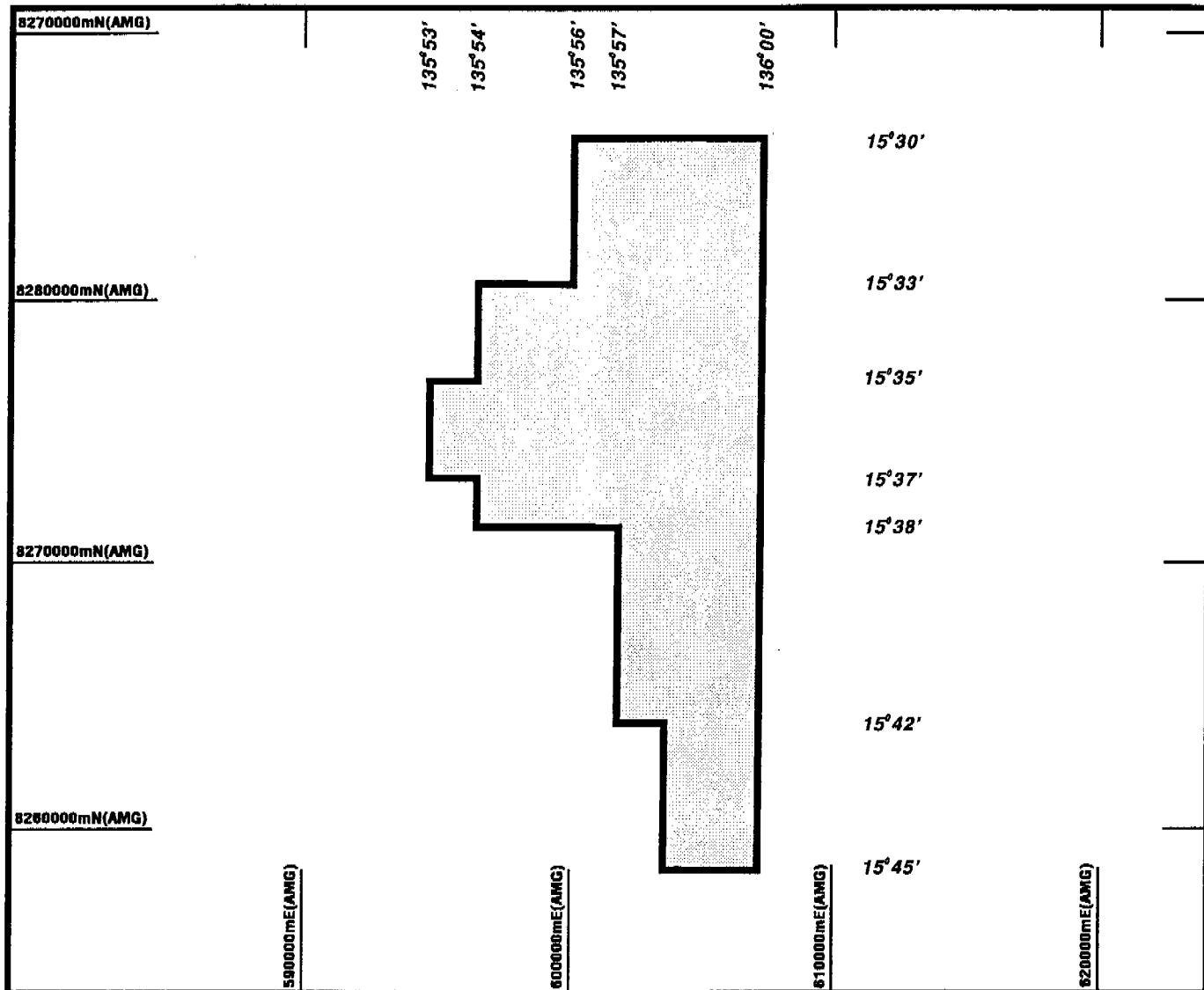
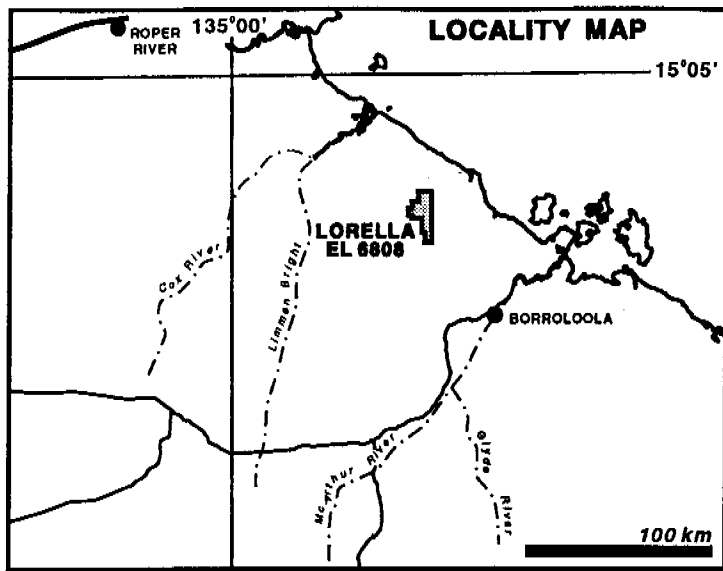
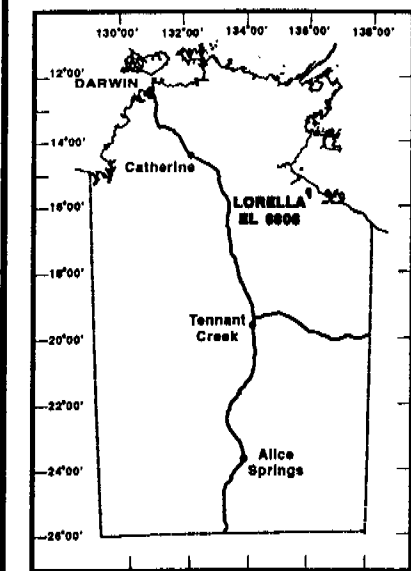
4. REGIONAL GEOLOGY

EL6808 "Lorella" is located within Carpentarian rocks of Lower-Middle Proterozoic age and lies on the Mt Young 1:250 000 Geological sheet area (SD53-15). The sequence of interest is the McArthur Group. Many base metal deposits within the North Australian Craton are hosted by this Group or its equivalents. This coupled with the projected extension to the Emu Fault through the middle of the Licence makes EL6808 prospective.

The McArthur Basin contains a thick platform-cover sequence overlying the eastern edge of the Northern Australian Craton which consists of Lower Proterozoic basement rocks (Jackson et al 1987) and has a stratigraphic succession similar to the Lawn Hill Platform and Mount Isa Orogen. The basin contains four rock groups: Roper (youngest), Nathan, McArthur and Tawallah (oldest). Only the McArthur and Tawallah Groups will be briefly discussed as they bear direct significance to the Exploration Licence reported herein.

4.1 Tawallah Group

The Tawallah Group is the oldest group in the McArthur Basin consisting mainly of thick sequence of ridge-forming sandstones alternating with units of recessive volcanics and fine grained clastics (Pietsch et al, 1991). It has an unconformable contact with the Scrutton Volcanics and has a maximum thickness from 4500 - 5200m.



M.I.M. EXPLORATION PTY. LTD. NORTHERN TERRITORY		
PROJECT		
LORELLA EL 6808		
TITLE		
LOCATION DIAGRAM		
Mining District: Northern	Author:	Scale: 1:250 000
1:250 000: Mt Young SD 53-15	Drawn: H.M.R.	Date: 22nd Nov. 1994
1:100 000: Tawallah Range 6066	Drawing No.	Figure No.: 1

4.2 McArthur Group

The McArthur Group overlies unconformably the Tawallah Group and comprises a sequence of interbedded carbonates and lutites with subordinate sandstones up to approximately 4200m thick (Jackson et al, 1987). The group is sub-divided into the Umbolooga Sub-group (older) and Batten Sub-group (younger).

4.3 Structure

The McArthur Basin is dominated structurally by the Batten Fault Zone, a north-trending zone 50-70km wide, flanked by the Wearyan Shelf to the east and the Bauhinia shelf to the west. This zone is thought to represent the site of a former syndepositional graben or half graben. Deformation of the Basin has mainly been in response to block-faulting along the Batten and Wapunga Fault zones causing the reversal of the graben structure into a horst or anticlinorium. This has led to the exposure of the Scrutton Volcanics in the middle of the Batten Fault Zone (Jackson et al, 1987).

Broad folds and warping can be attributed to the faulting as well as drag folds, steep tilting, shearing, brecciation, veining and solution alteration effects. The faults have considerable strike-slip displacement as well as strike-slip with tension gashes in the Emu Fault Zone indicating right-lateral displacement of unknown magnitude (Jackson et al, 1987).

5. PREVIOUS EXPLORATION

In the late 1960's, Mount Isa Mines Limited, Geopeko and Australian Geophysical Pty Ltd held various portions of EL6808 "Lorella" (Table 1). Base metals were their primary target with phosphate and uranium being of secondary concern. All three companies considered the base metal potential of the "Lorella" area as unprospective and so no work was conducted.

In 1973 CRA Exploration covered the present tenement area under EL's 880 and 881. Low level aeromagnetics were flown and gravity surveys to geological mapping in an attempt to identify the Middle Proterozoic Barney Creek Formation. The exploration licences were surrendered in 1974 due to disappointing results.

The northern portion of EL6808 was held by Dampier Mining Co. in 1976. EL 1301 was the subject of intense manganese exploration. Only minor work was conducted over "Lorella". No economic manganese deposit was found and EL 1301 was surrendered in 1982. Similarly in 1976, EL's 1424 and 1425 were explored for manganese by Australia and New Zealand Exploration. A number of shallow auger holes were drilled in the present tenement area and although ferruginous manganese siltstone and laminated silty argillite with abundant manganese were intersected, an economic deposit was considered unlikely. The Licences were surrendered in 1977.

In 1976 the majority of EL6808 "Lorella" was held under EL's 1728 and 2072 by A.O. (Australia), in joint venture with Electrolytic Zinc Co., Pennaroya and Preussag Australia. In 1979 Shell Australia entered the joint venture and became the operators. Based on gravity anomalies a total of six diamond drill holes (BB 1-6) and 495 RAB drill holes were sunk on

EL1728. Similarly five diamond drill holes (WM1, 4-7) and sixteen percussion (WMP1A, 1-15) holes were drilled on EL2071. All drill holes were vertical. Barney Creek Formation was interpreted to have been intersected in many of the drill holes. Only low Cu-Pb-Zn values were returned. Shell sub-divided the Reward Dolomite into the upper mineralised Boko Beds Member and the lower mineralised Reward Dolomite. Based on drilling results Shell concluded that the gravity highs (+4 to +5 mgals) were associated with the Mara Dolomite and that gravity lows seemed to correlate with leached outcrops of Barney Creek Formation. Shell further concluded that the Barney Creek Formation found in this region was geochemically inactive and so development of an economic base metal deposit was not likely. Both Exploration Licences were surrendered in 1983. In 1984 BHP re-sampled some of the diamond drill core and tested for Cu-Pb-Zn. Results were discouraging with copper and lead values low and zinc peaking at 1400 ppm and averaging 378 ppm from 131 x 3m long core samples.

In 1982 CRA Exploration held the western portion of the present tenement area under EL4083. Selective gravel stream sediment samples were taken in the search for diamonds. Airborne magnetics and radiometric were flown resulting in twenty-seven aeromagnetic anomalies being defined. Seventeen of these lie in "Lorella". Scout auger drilling found the source of the anomalies to be sub-volcanic or volcanic rocks, laterite or ferruginous shales. No kimberlitic indicators were found so the Licence was surrendered in 1985.

BHP held five tenement areas, EL's 3578, 4240, 4277, 4678 and 4745, which covered the top and eastern sections of EL6808 "Lorella". A HVC equivalent base metal deposit was their target. Extensive airborne geophysics (aeromagnetics and radiometric) were flown to define ground targets. EM-37 soundings and limited gravity surveys over these targets were completed. Five vertical diamond drill holes (McA 17-21, totalling 1817.8m) were sunk over conductors defined by EM-37 soundings. Only two of the conductors (holes McA 19 and 20) were shown to be caused by the pyritic dolosiltstones, interpreted as Barney Creek Formation. Assay results were disappointing and correlation between the holes was poor. No further work was considered warranted so all Exploration Licences were surrendered by late 1986.

6. WORK BY M.I.M. EXPLORATION PTY. LTD.

6.1 Work done by MIM Exploration in 1991 - 1992

In 1991 MIM Exploration carried out two airborne QUESTEM surveys and one ground EM-37 sounding survey to regionally examine "Lorella" and better define a conductive zone defined by BHP in the mid-1980's. Successful completion resulted in three target areas being outlined. Seven diamond drill holes (LD1-7) were drilled to test the conductors. All showed that the conductors were caused by massive pyrite interbedded with black-dark grey pyritic, sometimes carbonaceous, dolosiltstone possibly of the Lynott Formation. Fourteen petrological samples were examined for general rock identification and possible insight to the origin of the pyrite. Minor rock chip sampling and geological mapping was also carried out.

Pisolite sampling of the surface ferruginous material was conducted with limited success.

During 1992, MIM Exploration carried out one in-fill airborne GEOTEM survey and one ground PROTEM sounding survey and two gravity (detailed and regional) surveys to better clarify airborne QUESTEM anomalies defined in the 1991 field season. This resulted in fifteen target areas being outlined. Eight diamond and six RC percussion drill holes were drilled for a combined total of 2337.40m to test the conductivity anomalies. The majority of these conductors seem to have been the result of near-surface ferruginous clays and laterite and minor ground water component. Holes LD10-11 and LP14-15 did intersect minor disseminated pyrite in dolosiltstone, most probably of the Lynott Formation, which may have produced a conducting response. Assays for Cu, Pb, Zn, Fe and Mn were routinely done.

Follow-up pisolite sampling over seventeen statistically anomalous areas generated by the work done in 1991 downgraded all sites. No definite anomalies were interpreted. It would appear that the anomalous values generated in both years work are the result of accumulation and concentration due to transportation by water and do not seem to indicate sub-surface leaching.

Results from lead isotope work conducted by the CSIRO on diamond core suggests that the majority of the samples show *in situ* radioactive decay of U and Pb. Also the isochron age of all samples seems to indicate a much younger source than the source for the HYC deposit. An epigenetic origin of the lead mineralisation at "Lorella" has been inferred from the work.

The geological mapping and photo lineament study were completed. The tenement has numerous, previously unmapped, outcrops of the McArthur Group (including: Yalco Formation and Hot Springs and Caranbirini Members of the Lynott Formation) and Tawallah Group (Warramana Sandstone, Wollogorang Formation and Wununmantlyala Sandstone).

Stockdale Prospecting Ltd entered into an agreement with MIM Exploration Pty Ltd on the 14th July 1992 to enable them to explore for diamonds on EL6808 "Lorella". Three aeromagnetic anomalies (two in the central and one to the northeast boundary of the area) were singled out for ground follow-up.

6.2 Work done by M.I.M Exploration in 1992 - 1993

In 1992 - 1993, guided by interpretation of gravity and aeromagnetic data, M.I.M. Exploration Pty Ltd carried out a detailed SIROTEM sounding survey to provide greater definition of conductors located in previous E.M. surveys (SIROTEM; BHP 1982-4 and PROTEM; M.I.M in 1994).

Three diamond drillholes were drilled, for a combined total of 753m, to test targets generated by the SIROTEM survey. In drillhole LD22 the conductive target was interpreted to be the intensely clay altered contact between Hot Springs and Caranbirini Members of the Lynott Formation. Drillholes LD23 and LD24 intersected resistive stratigraphy considered to be unprospective Tawallah Group.

Laterite exposures were mapped to ascertain whether they were surface expressions of lineaments. Comparison of the outcrop map and the gravity/aeromagnetic lineament map

did show some correlation between position of exposures and lineaments.

Geological mapping pinpointed outcrops previously assigned to Warramana Sandstone, but now considered to be Cretaceous sandstones.

6.3 Drilling 1994

Diamond hole LD22 drilled in 1993 encountered anomalous copper in breccia near the base of the hole. A diamond core hole 200m west of LD22 was proposed to test for potential extensions of copper mineralisation.

A single angled core hole LD25 was drilled to a total depth of 353.6m, comprising 138m of R.C. percussion and 215.6m of H.Q. core.

The R.C. percussion precollar was sampled from 6 to 138m and assayed on 2m composites, with a total of 66 samples submitted and assayed for Cu, Pb, Zn, Fe and Mn.

Core, selected by presence of visible mineralisation was sampled in continuous 1m splits, where core loss was minimal, or between core run markers in zones of severe core loss. A total of 35 half core samples were initially assayed for Cu, Pb, Zn, Fe and Mn by AAS with 16 pulp samples reassayed for Cu, Pb, Zn, Fe and Mn and, in addition, assayed for Ag, As, Co, Mo, Ni, V, Bi, Cd, Sb, Se, Sr, Th, Te, Ba, Au, Sn, Ta and W.

Drill logs and assays for LD25 appear in Appendix 1.

Sample Ledgers with details of sample numbers, intervals and core recoveries are found in Appendix 2.

6.3.1 LD25 Downhole Geology

LD25 was collared in unconsolidated sand resting on weathered Cretaceous sandstone and mudstone which continued to a depth of 29m. 6m of clay was then encountered from 29 to 35m before passing into mainly leached silicified mudstone and minor arenite from 35 to 146.5m. From 146.5 to 229.8m, tectonically disrupted sedimentary breccia dominates, alternating with minor thin dolomitic arenite and siltstone. A nodular chert zone then occurs from 229.8 to 269.7m.

Below the nodular unit a zone of ferruginous dolomitic siltstone and sedimentary breccia from 269.7m to 295m is followed from 295 to 306.3m, by a strongly ferruginous clayey siltstone with traces of visible native copper. Thin crusts of galena were also observed. A breccia zone was then intersected from 306.3 to 318m comprising dolostone clasts, up to 30cm across in a green clay matrix.

From 318 to 353.6m (E.O.H.) solution-altered, fractured or brecciated dolosiltstone and dolarenite occur.

Pervasive solution-alteration and leaching has left little original fresh rock.

6.3.2 LD25 Downhole Geochemistry

101 samples were submitted for assay. Downhole assay results are summarized below:

	PEAK (ppm)	AVERAGE (ppm)	RANGE (ppm)
Cu	7890	423	3 - 7890
Pb	7420	271	4 - 7420
Zn	220	37	2 - 220
Fe	28.3%	3.45	0.4% - 28.3%
Mn	42700	3681	21 - 42700

A significant intersection occurs at 297m with: 9m at 0.40% Cu and 0.21% Pb from 297m.

6.3.3 DHEM Survey LD22 and LD25

In August 1994 DHEM surveys were conducted down diamond drill holes LD22 and LD25. The aim of the surveys was to detect possible accumulations of massive sulphide, in particular chalcopyrite, within a radius of 80 - 100m away from the hole.

The surveys were conducted by contractor Solo Geophysics, employing the following specifications:

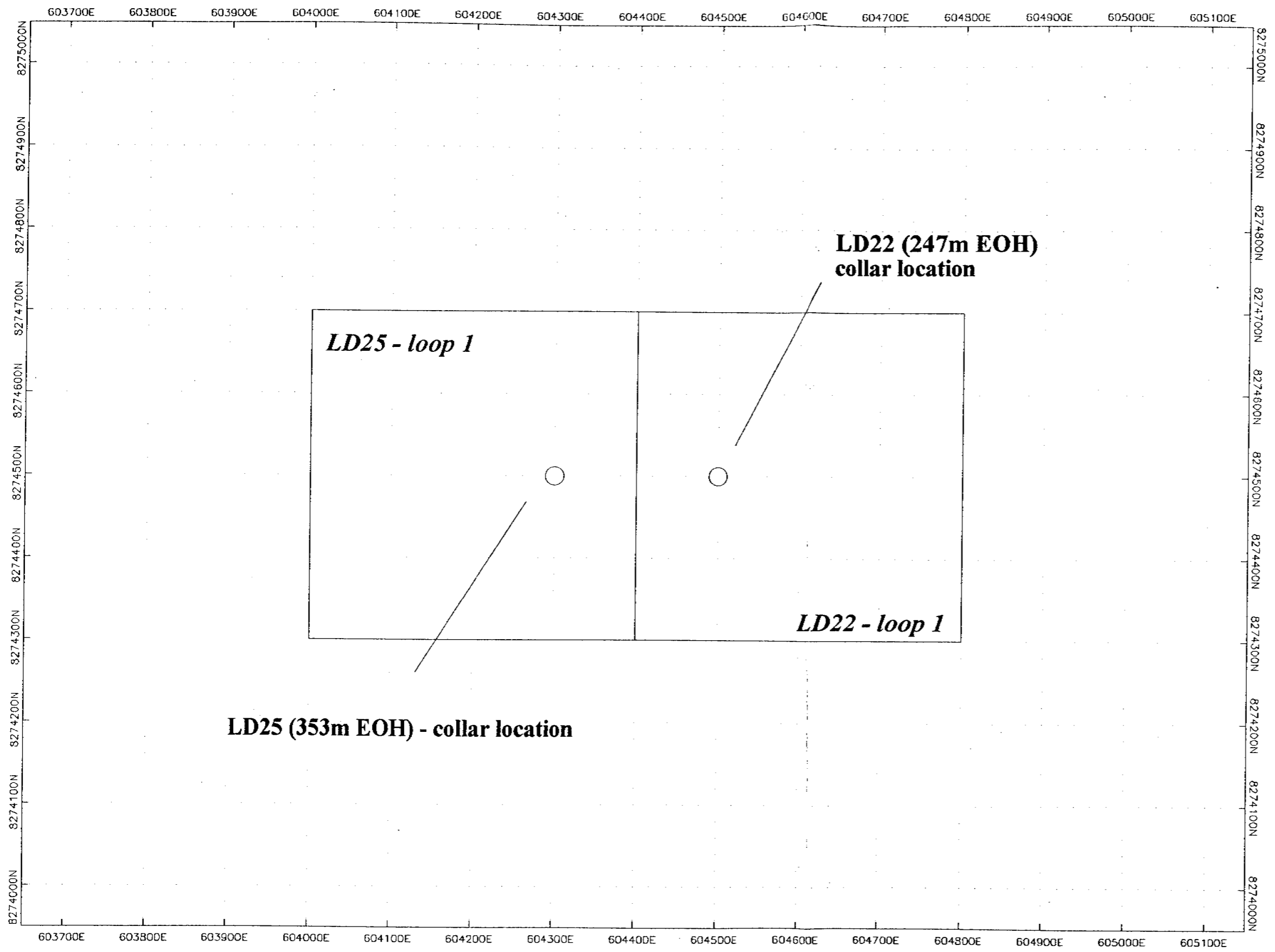
Receiver:	Siretom MK III
Transmitter:	SA-TX
Time Series:	Early Times
Sampling Delay:	0 microseconds
Gain:	1
Reading Increment:	10m

The Loop locations relative to the hole collars are presented in Figure 2. One loop was used for each hole.

Results

The DHEM data is presented as profile plots in figures 3 and 4.

No significant anomalies have been detected in both surveys. The steady migration from positive to negative in the early time channels is interpreted to be the response of the country rock and/or conductive overburden.



MIM EXPLORATION
 LOOP PLAN FOR LD22 AND LD25 DHEM SURVEYS

Figure 2

Siro-ex : FEM Response Profile

EL 6808 'LORELLA' DHEM SURVEY LD22 (604300, 8274500) LOOP1 = (604400E, 604800E,

Fixed Loop Tx, Downhole Dipole Rx, A Component

Field Data Only

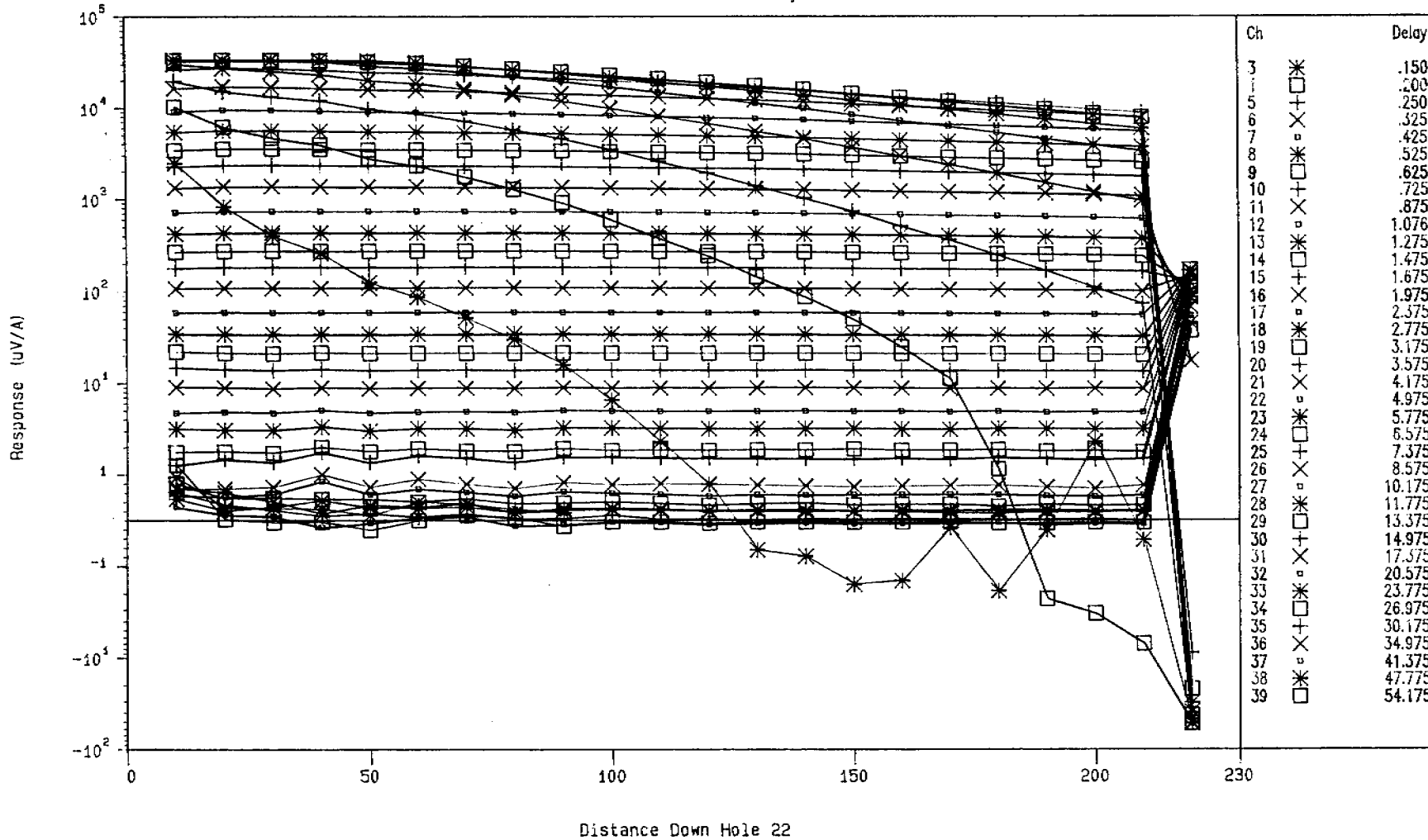


FIG 3

Siro-ex : TEM Response Profile

EL 6808 'LORELLA' DHEM SURVEY LD25 (604500, 8274500) LOOP1 = (604000E, 604400E,

Fixed Loop Tx, Downhole Dipole Rx, A Component

Field Data Only

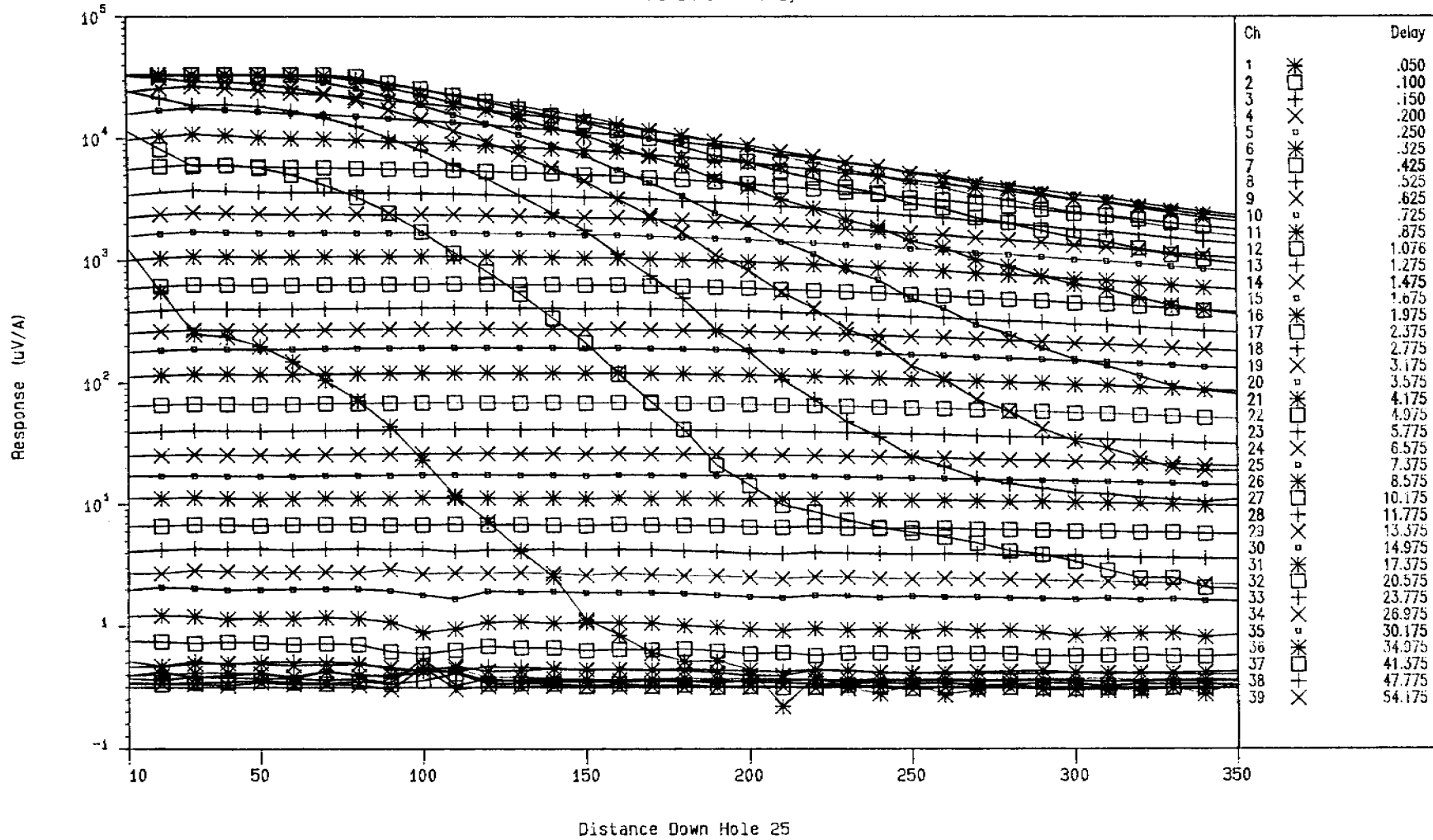


FIG 4

6.4 Soil Sampling 1994

Fifty-one soil samples were collected over a 2.5km east-west traverse, at 50m spacing, on gridline 82764OON from 6035OOE to 605985E.

All samples were analysed for a suite of elements using partial extraction techniques.

Results were subdued and probably reflect the general lack of geochemical response from surface material at Lorella.

Results are tabulated in Appendix 3 and sample locations are presented on Drawing 41706.

7. CONCLUSIONS

Moderately significant Cu, Pb and associated Fe, Mn anomalism in ferruginous siltstone intersected in LD25 correlates well with that noted in LD22, drilled in the previous year, and indicates mineralisation in continuous and stratabound.

Trevor Pilcher
Project Geologist - Northern Territory

8. REFERENCES

Jackson, M.J., Muir, M.D., and Plumb, K.A., 1987: Geology of the Southern McArthur Basin, Northern Territory, Bureau of Mineral Resources, Australia, Bulletin 220.

Pietsch, B.A., Wyche, S., Rawlings, D.J., Creaser, P.M., and Findhammer, T.L.R., 1991: McArthur River Region 6065-6165, 1:100 000 Geological Explanatory Notes, Department of Mines and Energy, Darwin, Australia.

Plumb, K.A., and Paine, A.G., 1964: 1:250 000 Geological Series - Mount Young, Northern Territory (SD/52-14) Explanatory Notes, Bureau of Mineral Resources, Australia.



APPENDICES



APPENDIX 1

DRILL LOGS AND ASSAYS FOR LD25

DRILL HOLE HEADER SHEET

HOLE NAME: LD 25	REASON FOR HOLE: To test at depth for Cu [as indicated in LD22] and HVC-Pb-Zn mineralization
PROSPECT NAME: "LORELLA"	
PROSPECT CODE: TBN001	
TENEMENT NO.: EL 6808	
1:100 000 SHEET: TAWALLAH RANGE 6066	PROPOSAL & DATE: T. PILCHER / M. MEGEE 8/94.
GRID NORTH BEARING MAGNETIC	GEOCHEMISTRY: Cu, Pb, Zn, Fe, Mn
COLLAR:	LABORATORY: Amdel
EASTING (AMG): 604349 E	FROM TO SAMPLE NUMBERS
NORTHING (AMG): 8274480 N.	6 138 QP115824 - QP115889
RL (AHD): 1025m	267.8 344 QP.114461 - QP114495.
AZIMUTH (M.G.T): - 084 M	
DIP -75°	
TOTAL DEPTH: 353.6	ELEMENTS ASSAYED AND METHODS:
PRECOLLAR DEPTH: 138m TYPE OH	Cu, Pb, Zn, Fe, Mn
SIZE 5 1/2"	
HOLE SIZE(S): HQ 138 TO 353.6	PETROLOGY:
TO	PETROLOGIST:
TO	DEPTH SAMPLE
SURVEY DETAILS:	
INSTRUMENT: DATE:	ISOTOPIC ANALYSES:
DEPTH AZIMUTH(M.G.T) DIP	GEOSCIENTIST: T. Pilcher
156 090 M 75.5	DEPTH SAMPLE ISOTOPES
210 090 N 75.5	
270 086 N 76	
	GEOTECHNICAL GEOSCIENTIST:
	INTERVAL PHOTOGRAPHED:
	INTERVAL LOGGED:
	GEOPHYSICS:
	GEOSCIENTIST: S. Bueffel
	EM TYPE DEPTH LOGGED. LOOP POSN
	System. 350m
	OTHER LOGGING DETAILS:
CONTRACTOR: PONTIL	
RIG USED: WARMAN 1000	WEDGE DETAILS:
COMMENCED: 25/8/94	TYPE AT SIZE COMMENT
COMPLETED: 3/9/94	
SUPERVISED BY: T. PILCHER	
LOGGED BY: T. PILCHER	
CASING LEFT IN HOLE: 18m 150mm PVC, 350m 40mm PVC	DRILLING COSTS PER METRE:
HOLE CONDITION: broken	CORE \$/m HAMMER \$/m
	COMMENTS:
WATER FLOW: STRONG DEPTH: 30m	
BASE OF OXIDATION: COMPLETE - 35m	
PARTIAL - 353.6m	
DEPTH OF COVER: 6m	DATA PUT ON COMPUTER DATABASE BY:

LOCATION: 604349 E
 HOLE CO-ORDINATES: 8274480
 ROTARY: FROM ... TO ...
 HAMMER FROM ... 0 ... TO ... 138 ...
 RL COLLAR: ...
 INCLINATION: -70 ...
 DIRECTION: 084 ...

SAMPLE NO.	ANALYSES ppm/%			DEPTH METRES	LOG	DESCRIPTION	REMARKS
						0-6. Unconsolidated sand	
						"	
QP11572				6		beige-brown un lithified clayey sst	lateitic impart
825						"	"
826				10	X	" + hard green sil mst	
827						beige-yellow brown clayey sst	lateitic rbr silt or mst
828						"	"
829						yellow-brown clayey sst	
830				20		yellow brown, pale grey clayey sst	clamp
831						beige-grey, yellow-brown lateitic f-m sst	mod. lithified
832						beige-grey, yellow-brown sst	fine pink shale
833						"	+ trace silicified mst
834						yellow brown clayey sst, grey-dark grey shale	trace tanchert
835						khaki, yellow brown clay, minor lateitic	
836				30		khaki-yellow brown clay, sandy clay sst	trace grey shale
837						yellow brown - khaki clay	puggy water injection
838						"	Strong water flow to bottom of hole
839						"	
840						dark grey, pale grey-tan, translucent cherty mst/siltstone	
841				40	Pmsh	white-pale grey cherty siltst, fine arenite, minor grey	
842						"	trace yellow + red. minor sandy mst
843						"	
844						pale grey, yellow, pink, grey translucent	no arenite
845						"	
846				50		pale grey-pink, grey dolc	minor cherty arenite
847						"	
848						pale yellow - pale grey cherty dolc	trace hematite
849						" mainly pale grey	"
850						pale yellow, grey + minor arenite	1-2% hematite to hematite
						"	
						so/so cherty dolosiltstone/dolarenite	1% hematite
						mainly grey dolc	minor dolarenite
						pale grey dolc/siltstone, trace orange stain	"
				60		"	tr-10% hematite

REASON FOR HOLE:

OTHER DETAILS: PAGE 1 of 3

DRILL TYPE: WARMAN 1000
 DRILLER: PONTIL
 SCALE: 1:250
 LOGGED BY: T.D
 DATE DRILLED: 25/8/94
 DRG/COB: 401

SAMPLE NO	ANALYSES ppm/%	DEPTH METRES	LOG	DESCRIPTION	REMARKS	WATER
851		60		white, pale grey dolosiltstone	1% hematite	
852				" " 10% dolarenite		
853				pale pink, greenish grey dolosiltstone		
854				" " and minor arenite	1% hematite	
855				" " "	"	
856		70		" " minor laminae	"	
857				pale green, pink cherty dolosiltstone	2% hematite	
858				" " + 10% dolarenite	1-2% hematite	
859				" " + minor arenite	tr-1% hematite	
860				pale grey dolosiltstone		
861		80		" " laminated in part	1-2% hematite	
862				" " minor pale green + pink	"	
863				pale pink, green, grey dolosiltstone		
864				" " + dark grey		
865				" " + "		
866		90		" " + minor fine arenite		
867				" " "		
868				" " "	1-2% hematite	
869				mainly pale grey/translucent dolosiltstone	2-5% hematite	
870				" " clayey		
871		100		" " "		
872				pale grey, yellow grey	tr-1% hematite	
873				grey, green, pink brown, grey dolosiltstone and ferrug arenite		
874				" " "		
875				oxidised pale grey, green, pink dolosiltstone, minor brown		
876		110		yellow, cream, grey, pink dolosiltstone, brown arenite		
877				yellow, cream grey, green dolosiltstone and dolarenite		
878				" " "		
879				grey pink green yellow dolosiltstone	minor dolarenite	
880				" " "	"	
881				mainly grey, pale pink, green dolosiltstone	"	
882				streak grey-brown chert, minor yellow green pink dolosiltstone		
883				and arenite		
884				cream-grey, minor pink + green dolosiltstone, mud oxide stain		
885				yellow, pale green brown dolosiltstone and dolarenite		
886				cream grey yellow green brown dolosiltstone, yellow arenite, hematite		
887				pale cream, grey, green brown oxidised dolosiltstone, minor arenite		
888				" " "	"	
889				" " "	"	
890		120		" " "	"	

REASON FOR HOLE:

OTHER DETAILS: PAGE 2 OF 3

DRILL TYPE: INARMAN (KX) LOGGED BY: TP
 DRILLER: PONTIL DATE DRILLED: 25/8/94
 SCALE: 1:250 DRG/CODE NO:

LOCATION:
HOLE CO-ORDINATES:

ROTARY: FROM TO
HAMMER: FROM TO

RE. COLLAR:
INCLINATION:
DIRECTION:

SAMPLE NO.	ANALYSES ppm/%					DEPTH METRES	LOG	DESCRIPTION	REMARKS	WATER
QP15881						120		pale cream, grey, green brown oxidised dolostone minor oreite		
882								" "	"	
883								pink grey dolostone	no oreite	
884								as for 113-124		
885								clayey, pale grey, green, pink dolostone and oreite	weakly oxidized	
886						130		" "	mod oxidised minor Mn oxide	
887								grey, pink green dolostone, brown oreite, Mn Oxide coating	less Mn	
888								" "	minor oreite	
889								as for 131-132		
890						138		" "		
								" "		
								END OF PERCUSSION 138m.		

REASON FOR HOLE:

OTHER DETAILS: PAGE 3 of 3

DRILL TYPE: WARMAN 1000	LOGGED BY: JP
DRILLER: PONTIL	DATE DRILLED: 25/8/94
SCALE: 1:250	ORG/CODE: 501

MIM EXPLORATION PTY LTD - DRILL HOLE GEOLOGICAL LOG

HOLE NAME: LD 25 GEOSCIENTIST: T PILCHER DATE:

FROM	TO	REC.	GEOLOGY	CODE
138	146.5		White to pale grey, lesser pale green and pink tints, oxidised yellow brown cherty or silicified dolosiltstone, intense tectonic brecciation, network microfractures, clay alteration, hematitic veining. CBAs 138-143 30-45°, 143-146.5 0°	
146.5	150.7		Tectonic Breccia, yellow brown clay pug with large fragments of pale grey cherty dolosiltstone trailing subparallel to core from 146.5-147.3 and 30-50° CBA. Mn + Fe veining common, a leached fine to medium grained arenite from 147 to 149m.	
150.7	165		Brecciated and intensely disrupted pink-green, redbrown, yellow and pale grey, thin bedded (mainly) leached dolosiltstone with minor arenite ferruginous and partly silicified. 150.7 - 151.2 redbrown soft siltstone 151.2 for 80cm. white to grey dolosiltstone, cherty and clayey in part. 152 - 165. CBAs variable from 45° to 0°, tectonic breccia comprise milled fragments in pale green clay matrix and both clast and matrix supported, at 153.65 good evidence of faulting cutting bedding as shown in diagrams.	
			163.6. fragments of brown chert/siderite.	
165	187.2		pale grey, pale-apple green, pale pink, leached chert and clay solution altered dolosiltstone, siltstone and thin silty arenite, technically brecciated 165 - 167.6 tectonic breccia 165 - 165.4 fractured brecciated cherty dolosiltstone strong clay solution alteration, weathered out stylolite at 165.15, chert/siderite lenses and vein-fill.	

MIM EXPLORATION PTY LTD - DRILL HOLE GEOLOGICAL LOG

HOLE NAME: GEOSCIENTIST: DATE:

FROM	TO	REC.	GEOLOGY	CODE
			165.6-167.6 clayey coarse arenite and grit, strong apple green clayey solution alteration	
			168-168.4 red brown and mottled pale green ferruginous siltstone, ripple and lenticular lamination, and wispy-thin bedded (possibly algal) 168m CBA 60°	
			168.4-173 pale grey, pink and green dolarenite - dolosiltstone, coarse arenite and silty clay tectonically brecciated in part, variable CBAs	170m CBA 25°
			173-175.6 tectonic/sedimentary breccia fragments or clasts of pink dolosiltstone up to 10cm diameter and disrupted/contorted pink-green clayey siltstone. CBA 172m 55°	
			175.6-176.3 pink-pale green interbedded fine dolarenite (up to 105mm but mainly 1-2mm) and rippled clayey siltstone, numerous fine collapse-induced microfractures normal to bedding some silt-filled.	
			176.3-187.2 as for 173-175.6 tectonically brecciated or disrupted pale pink-green dolosiltstone and green mudstone with minor arenite, strong pale grey-cream solution clay alteration of matrix and haloes along fractures and bedding planes, minor red brown ferruginous mottling. CBA 176m 75°	
			184.5-186.3 sedimentary breccia with green clay matrix, tectonic breccia at 176.3-182.1 and 183-184.5.	
			Arenite beds 182.3-182.6, 182.9-184.7 and 186.9-187.2 - this is the last arenite seen.	
187.2	199.2		Slump breccias with minor undisrupted sections of pale green-green mudstone, (intense pale pink-cream solution mottling) and pale pink-grey fine cherty dolarenite-dolosiltstone, fragments in breccia of siltstone and pink dolosiltstone up to 4cm but mainly 1-2 cm and subangular to angular. Variations to above as follows: CBA 192.6 55°	
			192.6-192.8 red to khaki brown green mottled wavy (possibly algal) laminated dolosiltstone. - green has overprinted brown and then in turn been overprinted by	
			198.7-198.77 red brown laminated lutite.	

MIM EXPLORATION PTY LTD - DRILL HOLE GEOLOGICAL LOG

HOLE NAME:	GEOSCIENTIST:	DATE:
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FROM	TO	REC.	GEOLOGY	CODE
199.3	229.8		<p>Sedimentary / Slump breccia, clasts of cherty dolosiltstone in a green, pale green and cream solution altered clay matrix; alternating with minor zones of green, pale-cream, pink thin bedded and laminated very fine arenite and siltstone.</p> <p>True carbonate veining along bedding planes @ 204.4-204.7</p> <p>CBA's 199.3-201.6 30-40° 206m 30° 217m 65°</p> <p>Slump breccias @ 201.5-205.9, 208.2-217.8, 218.2-229.8 with clasts up to 20cm, affected by microfracturing, slickensides and tectonic brecciation.</p> <p>thin zones of network splinter veining and vug lining @ 202.6 and 204.2-212 and plate-like or discoidal crystals after gypsum at 211.1 filling vugs.</p>	
229.8	259		<p>alternating green siltstone, pink cherty dolosiltstone and several intervals of khaki-red brown strongly clay altered siltstone, all with minor to abundant grey-tan chert spheroids, oblate lenses and thick (generally fragmented) laminae and thin beds. Spheroids 1-1.5mm in general and beds up to 4cm but generally millimetre thickness, intense disruption due to fracturing and brecciation and strong clay alteration.</p> <p>230-232 grey-tan cherty siltstone with minor yellow green solution alteration from 230-231</p> <p>230.9-231.5 pink cherty dolosiltstone with abundant chert spheroids, oblate lenses and running parallel to core with traces of dingy yellow mineral running spheroids (possibly ex-pyrite).</p> <p>240.2-245.6 strongly khaki clay alteration with abundant chert spheroids</p> <p>245.6-251.8 tectonic breccia of fragmented pink cherty dolosiltstone with minor yellow-red oxidation, 6cm of pitted chert @ 251.7m.</p> <p>251.8-253.2 pink cherty dolosiltstone (5-10cm) and thin green mottled brecciated siltstone</p> <p>253.2-255.8 khaki-red brown-green siltstone and brecciated pink dolosiltstone, minor angular chert nodules-fragments, orange clay on fractures to 254m, tectonically brecciated with large irregular blocks of laminated ferruginous siltstone (especially 255.5-258.65)</p> <p>255.8-259 continuing as 253.2-255.8 but less ferruginous, brecciated to 256.6, common scattered chert nodules/spheroids.</p>	

MIM EXPLORATION PTY LTD - DRILL HOLE GEOLOGICAL LOG

HOLE NAME: GEOSCIENTIST: DATE:

FROM	TO	REC.	GEOLOGY	CODE
			256.6 - 256.8 pink-cream cherty dolomudstone with abundant small chert spheroids, network of fine microfractures.	
259	267		mainly green, minor red brown, pale green mottled dolomitic siltstone, minor red brown + pink laminated siltstone and pink-cream cherty dolosiltstone. Intense microfracturing generally normal to bedding and tectonic brecciation. minor thin intervals of chert laminae or bands nodules and lenses.	
267	269.7		CBA's 265.5 - 266 40 - 65° Slump breccia, clast supported, red to yellow brown, subrounded to subangular clasts of cream-green solution altered dolomitic siltstone and laminated siltstone, clasts 0.5 - 3cm, alteration rims to clasts.	
269.7	277.5		khaki-red brown strongly ferruginous finely laminated siltstone and clast supported slump breccia, sharp discordant contacts between breccias and laminated siltstone, numerous fine microfractures with normal displacement up to 1cm, minor leaching. slump breccias are intralaminar with clasts of laminated ferruginous siltstone and yellow-tan dolosiltstone.	
277.5	283		CBA 270 - 270.7 35° Khaki, red-yellow brown, pink laminated and thin bedded ferruginous and dolomitic siltstone, minor intervals of chert spheroids, very broken core. moderate to strong fracturing with thin tectonic breccias, veins of clay and discoidal carbonate crystals (after gypsum) at 280.2, 282.5 - 282.7.	
283	295		CBA 281 - 283 30° Traces of galena on fractures face at 282.7m. khaki to red brown slump breccia, clasts of green siltstone and yellow to red laminated siltstone (283-286) up to 10cm x 5cm in a khaki clay groundmass. 286-291 strong clay alteration, minor pitted chert and irregular lenses of clayey ferruginous material (possibly ex-pyrite). 291-293.9 mottled green brecciated dolosiltstone in green-khaki red brown clay matrix.	

MIM EXPLORATION PTY LTD - DRILL HOLE GEOLOGICAL LOG

HOLE NAME: GEOSCIENTIST: DATE:

FROM	TO	REC.	GEOLOGY	CODE
295	306.3		<p>khaki - dark grey green and red-yellow brown ferruginous clayey porous siltstone (and clasts), aggregates or patches of ferruginous material probably after pyrite from 295 to 300m. minor breccias of green dolosiltstone</p> <p>300 - 300.75 weakly laminated yellow-ochre clay laminae</p> <p>300.75 - 301.5 clast-supported slump breccia with yellow-green dolosiltstone clasts to 3cm in deep red and green clay matrix.</p> <p>301.5 - 306.3 brown-dark grey-dingy green porous clayey or crusty oxidised siltstone with vague weak bedding or lamination yellow grey pitted or leached cherty carbonate veining (fragmented and part) galena crusts on fractures at 303.25 and between 304.1 and 304.3 with traces running cherty fragments.</p> <p>At 305.6m several blebs to 1mm of native copper were observed in clayey sheared siltstone. Cutting of core revealed more fine native copper scattered throughout the previous section 295 - 306.3</p>	
306.3	315.1		<p>yellow-green and green pitted and leached sedimentary (slump) breccia, clasts comprise tan grey fine dolarenite and laminated dolosiltstone, green dolosiltstone, whitish cherty (chalcedonic) dololite, subrounded to subangular tightly bound in a green clay matrix, and range from 1mm to 10cm. Minor dingy green material found in matrix may be ex-pyrite.</p>	
315.1	318.		<p>As above 306.3-315.1 but considerably larger clasts to 30cm of tan-pink dolosiltstone or fine dolarenite.</p>	
318	329.6		<p>grey and minor green vuggy fractured dolomitic breccia, comprises subrounded to angular dark grey green and grey dolostone fragments. Some with possible algal laminae in a dolomitic groundmass, yellow-green staining on fracture surfaces and vugs common red brown clay particularly strong from 323 to 329.6m with pitted and leached network calcite veining which commonly contains small remnant</p>	

MIM EXPLORATION PTY LTD - DRILL HOLE GEOLOGICAL LOG

HOLE NAME:	GEOSCIENTIST:	DATE:
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FROM	TO	REC.	GEOLOGY	CODE
			aggregates of dingy dark pyrite	
			326.8 - 327 green dolosiltstone	
			327 - 329.6 strong yellow solution alteration, veining and red brown clay gouge in tectonic brecciated vuggy dolosiltstone.	
329.6	331.5		pink-grey yellow mottled dolarenite with wavy (possible algal) laminated, fragments of small angular green dolomite thin calcite veining to 3mm normal to bedding traces of pyrite and green clay alteration along veins	
331.5	338		yellow-green - pink stained grey dolosiltstone or fine dolarenite strong yellowish argillite alteration of originally a fine dolarenite weakly laminated (but generally masked by brecciated clayey appearance), numerous fine microfractures, leached stylolites/minor ferruginous coatings in fractures and vugs	
338	340.9		yellow-pink-grey laminated and thin-bedded fine dolarenite or dolosiltstone as previous but less altered. numerous fine microfractures with minor movement all with slight yellow solution alteration haloes.	
340.9	353.6		strongly faulted and brecciated green and yellow-mottled grey laminated and thin bedded fine dolarenite, intensely clay altered or fault clay pug, and green clay matrix supported tectonic breccias; very broken core and extensive core loss.	
			CBA 330.4 25°	
			332.8 35°	
			339.8 35°	

Final

ANALYTICAL REPORT

SAMPLE	Cu	Pb	Zn	Mn	Fe
QP115824	16	4	14	185	1.23
QP115825	14	7	9	170	1.99
QP115826	13	6	14	185	1.63
QP115827	14	7	15	175	2.43
QP115828	15	10	14	160	3.01
QP115829	11	16	11	210	3.10
QP115830	6	24	25	74	8.07
QP115831	3	8	16	50	1.80
QP115832	4	9	38	48	3.16
QP115833	4	9	30	73	2.53
QP115834	4	6	32	26	2.74
QP115835	5	7	28	26	2.07
QP115836	8	9	59	58	2.26
QP115837	5	6	69	48	2.40
QP115838	8	5	25	51	1.86
QP115839	3	31	8	25	0.84
QP115840	8	43	9	22	0.60
QP115841	3	31	5	22	0.52
QP115842	7	12	2	24	0.69
QP115843	9	32	10	20	0.69
QP115844	12	25	6	29	0.69
QP115845	10	28	10	21	0.58
QP115846	11	21	8	29	0.46
QP115847	8	21	9	185	0.84
QP115848	7	14	10	260	1.04
QP115849	10	19	7	490	1.35
QP115850	6	23	4	77	0.40
QP115851	10	26	14	420	1.37
QP115852	10	22	7	370	0.74
QP115853	10	18	4	740	1.24
QP115854	6	11	6	1020	1.35
QP115855	5	19	5	620	1.03
QP115856	8	28	10	1200	2.25
QP115857	8	14	4	400	1.93
QP115858	6	13	7	330	1.32
QP115859	7	19	9	650	1.66
QP115860	6	16	7	500	1.56
QP115861	7	9	7	500	1.50
QP115862	7	19	5	480	1.29
QP115863	6	13	6	280	0.96
QP115864	8	17	12	240	1.43
QP115865	10	23	17	440	2.58
QP115866	9	22	10	370	1.84
QP115867	8	18	12	1720	2.35
QP115868	9	21	11	1170	2.50
QP115869	7	24	16	610	2.53
QP115870	9	28	14	670	1.42
QP115871	19	44	12	1540	1.50
QP115872	19	24	10	1060	1.62
QP115873	26	29	12	5500	1.92
UNITS	ppm	ppm	ppm	ppm	%
DET.LIM	2	4	2	4	0.01
SCHEME	AA1	AA1	AA1	AA1	AA1

LD2S
Permission

Final

ANALYTICAL REPORT

SAMPLE	Cu	Pb	Zn	Mn	Fe
QP115874	10	16	7	1400	0.80
QP115875	9	15	5	700	1.04
QP115876	9	13	4	430	1.05
QP115877	14	43	8	620	1.79
QP115878	14	24	9	850	2.07
QP115879	10	16	11	860	1.66
QP115880	14	19	8	700	1.73
QP115881	12	17	8	600	2.04
QP115882	10	24	6	1090	2.02
QP115883	8	14	5	840	1.03
QP115884	22	20	6	1020	1.40
QP115885	10	15	4	2350	1.01
QP115886	19	34	12	1.08%	2.50
QP115887	18	28	14	6400	2.48
QP115888	15	16	15	6950	2.42
QP115889	13	20	14	5900	2.60

UNITS	ppm	ppm	ppm	ppm	%
DET. LIM	2	4	2	4	0.01
SCHEME	AA1	AA1	AA1	AA1	AA1
UPPER SCHEME					



21 Marjorie Street, Berrimah, Northern Territory
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MARK McGEOUGH
MIM Exploration Pty Ltd
G.P.O. Box 1042
BRISBANE

Q.L.D. 4001

ANALYSIS REPORT :

Your Reference : QP114461

Our Reference : 4DN1252

Samples Received : 13/09/94
Number of Samples : 35

Results Reported : 14/09/94
Report Pages : 1 to 1

This report relates specifically to the samples tested in so far as the samples supplied are truly representative of the sample source.

If you have any enquiries please contact the undersigned quoting our reference as above.

*1m splits
LD25*

Report Codes:

- N.A. -Not Analysed
- L.N.R. -Listed But Not Received
- I.S. -Insufficient Sample

Approved Signature:

for

Mr Russell Holtham
Manager - Darwin
AMDEL LABORATORIES LIMITED
A.C.N. 009 076 555

Final

ANALYTICAL REPORT

SAMPLE	Cu	Pb	Zn	Mn	Fe
QP114461	11	125	66	600	4.24
QP114462	18	135	50	1220	5.26
QP114463	24	87	36	800	3.46
QP114464	41	79	62	950	3.57
QP114465	34	65	47	390	3.16
QP114466	39	54	27	1210	1.14
QP114467	23	105	54	650	3.54
QP114468	28	150	61	8290	4.38
QP114469	29	270	64	820	4.46
QP114470	230	570	140	1.37%	11.0
QP114471	53	240	45	4540	2.31
QP114472	200	300	43	4540	2.94
QP114473	210	710	125	1.35%	9.93
QP114474	2450	1380	165	3.94%	15.0
QP114475	6680	1630	200	2.20%	21.0
QP114476	3740	1310	195	2.10%	14.0
QP114477	2880	880	145	1.10%	8.31
QP114478	1320	740	120	8230	8.65
QP114479	5000	1390	125	3.04%	11.9
QP114480	5570	6740	150	9370	13.9
QP114481	3180	1900	135	5630	10.9
QP114482	1110	440	105	4080	8.71
QP114483	1080	200	66	3490	4.17
QP114484	660	130	58	2700	3.03
QP114485	780	460	64	970	3.80
QP114486	195	240	50	820	2.55
QP114487	760	220	51	1160	2.54
QP114488	800	250	49	2970	2.28
QP114489	300	220	65	1650	2.68
QP114490	98	135	57	8050	2.16
QP114491	140	125	65	8060	2.46
QP114492	41	72	85	2.10%	5.58
QP114493	47	77	46	1.54%	4.86
QP114494	120	155	82	2.08%	9.28
QP114495	15	48	63	1.82%	2.66

UNITS	ppm	ppm	ppm	ppm	%
DET.LIM	2	4	2	4	0.01
SCHEME	AA1	AA1	AA1	AA1	AA1
UPPER SCHEME				AA1C	

ANALYTICAL SERVICES

Amdel Laboratories Limited
Brown Street, Thebarton, 5031
Telephone: (08) 416 5300 Facsimile: (08) 234 0321

MR Mark McGeough
Amdel Laboratories Limited
PO Box 58
BERRIMAH
NT 0828

LD 25
Repeats.

F I N A L A N A L Y S I S R E P O R T

Your Order No: QP114470

Our Job Number : 4AD3822

Samples received : 22-SEP-1994

Results reported : 27-SEP-1994

No. of samples : 14

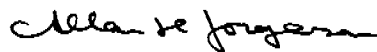
Report comprises a cover sheet and pages 1 to 4

This report relates specifically to the samples tested in so far as that the samples as supplied are truly representative of the sample source.

Note:

If you have any enquiries please contact Mr Alan Ciplys quoting the above job number.

Approved Signatory:



for Trevor Francis
Marketing Manager

Report Codes:

N.A. - Not Analysed.
L.N.R. - Listed But Not Received.
I.S. - Insufficient Sample.

Distribution Codes:

CC - Carbon Copy
EM - Electronic Media
MM - Magnetic Media

ANALYTICAL REPORT

Sample	Ag	Cu	Pb	Zn	Fe	Mn	As
QP114470	0.4	320	690	120	9.90	1.13%	145
QP114471	0.3	65	250	40	2.66	3700	35
QP114472	0.5	220	330	40	2.96	3950	75
QP114473	0.8	230	900	115	9.00	1.10%	95
QP114474	0.6	2900	2350	190	24.3	4.60%	620
QP114475	1.0	9100	3050	240	35.6	2.50%	1100
QP114476	0.9	7600	1940	195	19.0	2.25%	1520
QP114477	1.1	3050	970	140	8.35	1.02%	730
QP114478	0.5	1450	840	120	8.35	6100	270
QP114479	0.3	5300	1460	115	12.7	3.05%	560
QP114480	0.5	6100	8100	160	16.6	8900	135
QP114481	0.3	3350	2100	130	11.3	4950	420
QP114482	0.3	1100	550	95	7.60	3500	230
QP114483	0.3	1440	220	65	4.40	2950	340
Units	ppm	ppm	ppm	ppm	%	ppm	ppm
DL	0.1	2	5	2	0.01	5	3
Scheme	IC3M	IC3M	IC3M	IC3M	IC3M	IC3M	IC3M

ANALYTICAL REPORT

Sample	Co	Mo	Ni	V	Bi	Cd
QP114470	90	4.5	75	130	0.8	0.2
QP114471	40	1.2	30	135	0.8	0.2
QP114472	30	1.5	20	90	0.8	0.2
QP114473	120	5.2	85	110	0.8	0.2
QP114474	230	12	150	155	0.6	0.6
QP114475	310	18	185	170	0.6	0.5
QP114476	210	6.0	145	160	1.0	0.4
QP114477	90	3.6	90	150	1.2	0.3
QP114478	70	2.5	60	110	0.6	0.1
QP114479	70	6.0	60	110	0.4	0.3
QP114480	85	4.9	85	130	0.5	0.3
QP114481	55	3.1	60	95	0.5	0.2
QP114482	45	3.7	45	55	0.3	0.2
QP114483	20	2.4	25	50	0.2	0.2
Units	ppm	ppm	ppm	ppm	ppm	ppm
DL	2	0.1	2	2	0.1	0.1
Scheme	IC3M	IC3M	IC3M	IC3M	IC3M	IC3M

ANALYTICAL REPORT

Sample	Sb	Se	Sr	Th	Tl	Ba	Au
QP114470	20	1.0	19	15	2.3	480	1
QP114471	4.0	0.5	12	11	1.6	470	<1
QP114472	5.0	0.5	15	13	1.3	460	<1
QP114473	20	1.0	18	13	1.5	480	2
QP114474	65	1.0	30	11	5.0	400	<1
QP114475	80	1.0	25	10	15	350	<1
QP114476	20	1.0	14	15	3.2	320	<1
QP114477	12	1.5	45	20	1.1	470	<1
QP114478	9.5	1.0	17	12	1.0	320	<1
QP114479	12	0.5	17	5.4	0.4	100	<1
QP114480	19	1.0	20	6.4	0.3	75	<1
QP114481	10.0	1.0	13	7.2	0.4	110	<1
QP114482	6.5	0.5	9.0	5.4	0.3	100	<1
QP114483	3.0	0.5	10	6.2	0.4	155	<1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppb
DL	0.5	0.5	0.1	0.02	0.1	5	1
Scheme	IC3M	IC3M	IC3M	IC3M	IC3M	IC3M	FA3

ANALYTICAL REPORT

Job: 4AD3822
O/N: QP114470

Sample	Sn	Ta	W
QP114470	4	<10	<10
QP114471	4	<10	<10
QP114472	<4	<10	<10
QP114473	5	<10	10
QP114474	<4	<10	20
QP114475	4	<10	15
QP114476	<4	<10	15
QP114477	<4	<10	<10
QP114478	<4	<10	<10
QP114479	<4	<10	<10
QP114480	7	<10	15
QP114481	4	<10	<10
QP114482	<4	<10	<10
QP114483	4	<10	<10
Units	ppm	ppm	ppm
DL	4	10	10
Scheme	XRF1	XRF1	XRF1



APPENDIX 2

SAMPLE LEDGER FOR LD25 SPLIT CORE SAMPLES

Carpentaria Exploration Company Pty. Ltd.

SAMPLE LEDGER

SAMPLER'S INITIALS: LL

DATE: 4/9/94

SAMPLE No.	SAMPLE TYPE	LOCATION/DETAILS		STORE REF.
		LD 25	LORELLA EL6808 1/2 CORE	
QP114461	1/2	267.8 - 270.0	1.3 / 2.2 (Recovery)	
462	CORE	270.0 - 273.0	2.4 / 3.0	
463		273.0 - 276.0	2.7 / 3.0	
464		276.0 - 277.5	1.3 / 1.5	
465		277.5 - 279.0	0.9 / 1.5	
466		279.0 - 280.4	1.1 / 1.4	
467		280.4 - 282	1.3 / 1.6	
468		282 - 285	2.0 / 3.0	
469		285 - 287.2	1.1 / 2.2	
470		287.2 - 291	1.6 / 3.8	
471		291 - 293.6	1.5 / 2.6	
472		293.6 - 295	1.3 / 1.4	
473		295 - 297	1.1 / 2.0	
474		297 - 298	0.6 / 1.0	
475		298 - 299	1.0 / 1.0	
476		299 - 300	1.0 / 1.0	
477		300 - 301	1.0 / 1.0	
478		301 - 302	1.0 / 1.0	
479		302 - 303	1.0 / 1.0	
480		303 - 304	1.0 / 1.0	

SAMPLE TYPE: DD = diamond drillcore
 CODE: PD = percussion/rotary cuttings
 RAB = rotary airblast cuttings
 = other drilling samples (specify)

S = soil sample
 SS = stream sediment sample
 R = rock chip sample
 P = petrological sample
 = other (specify)

WHITE - REGIONAL BASE
 YELLOW - BRISBANE
 PINK - RETAIN

NOTE: PLEASE DESCRIBE SAMPLE
 LOCATION FULLY & CONCISELY

Carpentaria Exploration Company Pty. Ltd.

SAMPLE LEDGER

 SAMPLER'S INITIALS: LL

 DATE: 4/9/94

SAMPLE No.	SAMPLE TYPE	LOCATION/DETAILS		STORE REF.
		LD 25	LORELLA EL 6808	
DP114481	1/2 CORE	304 - 305	1.0 / 1.0 Recovery	
482		305 - 306.1	0.9 / 1.1	
483		306.1 - 309	1.42 / 2.9	
484		309 - 310	1.0 / 1.0	
485		310 - 311	1.0 / 1.0	
486		311 - 312	1.0 / 1.0	
487		312 - 313	1.0 / 1.0	
488		313 - 314	1.0 / 1.0	
489		314 - 315	1.0 / 1.0	
490		315 - 316.8	1.6 / 1.8	
491		316.8 - 318	1.2 / 1.2	
492		324 - 325	0.9 / 1.0	
493		325 - 325.9	0.9 / 0.9	
494		325.9 - 326.8	0.9 / 0.9	
495		340.9 - 344	1.2 / 3.1	
6				
7				
8				
9				
0				

SAMPLE TYPE: DD = diamond drillcore
 CODE: PD = percussion/rotary cuttings
 RAB = rotary airblast cuttings
 = other drilling samples (specify)

S = soil sample
 SS = stream sediment sample
 R = rock chip sample
 P = petrological sample
 = other (specify)

WHITE - REGIONAL BASE
 YELLOW - BRISBANE
 PINK - RETAIN

NOTE: PLEASE DESCRIBE SAMPLE LOCATION FULLY & CONCISELY



APPENDIX 3

SOIL SAMPLE ASSAYS



Job: 4AD391C
O/N: 837001

ANALYTICAL REPORT

Sample	Cu	Pb	Zn	Fe	Mn	As	Ag
837001	1	4	1	0.25	105	2	<0.5
837002	1	<3	1	0.36	180	1	<0.5
837003	2	<3	1	0.49	90	2	<0.5
837004	2	4	<1	0.43	145	1	<0.5
837005	3	4	1	0.49	145	2	<0.5
837006	3	3	<1	0.51	70	1	<0.5
837007	3	5	1	0.59	160	<1	<0.5
837008	3	4	<1	0.53	130	2	<0.5
837009	2	3	<1	0.37	45	1	<0.5
837010	1	3	<1	0.31	20	1	<0.5
837011	3	<3	1	0.58	210	3	<0.5
837012	2	4	<1	0.48	40	2	<0.5
837013	4	5	1	0.79	160	1	<0.5
837014	5	5	<1	0.89	210	2	<0.5
837015	4	5	1	0.69	175	3	<0.5
837016	4	5	<1	0.70	110	3	<0.5
837017	2	3	<1	0.48	100	1	<0.5
837018	2	<3	<1	0.44	50	2	<0.5
837019	3	4	1	0.51	165	2	<0.5
837020	2	3	<1	0.42	45	2	<0.5
837021	2	<3	<1	0.44	75	1	<0.5
837022	1	5	<1	0.42	30	2	<0.5
837023	2	3	<1	0.61	165	<1	<0.5
837024	<1	<3	<1	0.14	55	2	<0.5
837025	1	<3	<1	0.18	90	<1	<0.5
837026	2	<3	<1	0.29	145	2	<0.5
837027	1	4	<1	0.29	115	<1	<0.5
837028	1	<3	<1	0.27	90	1	<0.5
837029	1	<3	<1	0.20	115	2	<0.5
837030	1	<3	<1	0.21	135	<1	<0.5
837031	2	3	3	0.34	250	2	<0.5
837032	3	<3	1	0.49	260	<1	<0.5
837033	4	<3	1	0.67	230	2	<0.5
837034	3	<3	2	0.53	260	<1	<0.5
837035	2	<3	<1	0.45	250	<1	<0.5
837036	3	3	1	0.37	210	1	<0.5
837037	2	<3	<1	0.42	170	1	<0.5
837038	1	<3	<1	0.31	105	2	<0.5
837039	2	<3	<1	0.37	135	3	<0.5
837040	2	<3	<1	0.37	190	<1	<0.5
837041	4	<3	1	0.55	310	2	<0.5
837042	2	<3	<1	0.38	135	2	<0.5
837043	2	4	1	0.43	170	<1	<0.5
837044	2	3	1	0.46	260	2	<0.5
837045	2	<3	1	0.41	210	<1	<0.5
Units	ppm	ppm	ppm	%	ppm	ppm	ppm
DL	1	3	1	0.01	5	1	0.5
Scheme	IC2E	IC2E	IC2E	IC2E	IC2E	IC2E	IC2E



Job: 4AD3916
O/N: 837001

ANALYTICAL REPORT

Sample	Cu	Pb	Zn	Fe	Mn	Au	Ag
837046	2	<3	1	0.42	220	<1	<0.5
837047	2	3	<1	0.41	210	<1	<0.5
837048	2	<3	<1	0.39	220	3	<0.5
837049	2	<3	<1	0.41	210	<1	<0.5
837050	1	<3	<1	0.31	130	<1	<0.5
837051	8	7	6	0.68	230	8	<0.5
Units	ppm	ppm	ppm	%	ppm	ppm	ppm
DJ.	1	3	1	0.01	5	1	0.5
Scheme	IC2E	IC2E	IC2E	IC2E	IC2E	IC2E	IC2E



Job: 4AD3916

O/N: 837001

ANALYTICAL REPORT

Sample	Cu	Pb	Zn	Fe	Mn	As	Ag
837001 H2O	<0.5	1.0	0.3	35	9	260	<5
837002 H2O	<0.5	0.5	0.5	45	14	200	<5
837003 H2O	<0.5	<0.5	0.3	30	4	180	<5
837004 H2O	<0.5	<0.5	0.5	55	9	220	<5
837005 H2O	<0.5	0.5	1.0	55	8	200	<5
837006 H2O	<0.5	0.5	0.4	45	4	180	<5
837007 H2O	<0.5	0.5	0.3	30	4	160	<5
837008 H2O	<0.5	<0.5	0.3	35	5	120	<5
837009 H2O	<0.5	0.5	0.3	20	2	240	<5
837010 H2O	<0.5	0.5	0.2	15	<1	280	<5
837011 H2O	<0.5	0.5	0.2	45	6	180	<5
837012 H2O	<0.5	0.5	0.4	45	3	160	<5
837013 H2O	0.5	0.5	0.4	55	5	300	<5
837014 H2O	<0.5	0.5	0.7	65	6	160	<5
837015 H2O	<0.5	0.5	0.4	40	4	140	<5
837016 H2O	<0.5	0.5	0.5	50	3	160	<5
837017 H2O	<0.5	<0.5	0.4	45	2	200	<5
837018 H2O	<0.5	0.5	0.4	25	2	220	<5
837019 H2O	<0.5	0.5	0.4	25	5	120	<5
837020 H2O	<0.5	<0.5	0.3	20	2	200	<5
837021 H2O	<0.5	<0.5	0.2	10	2	180	<5
837022 H2O	<0.5	<0.5	0.1	15	1	180	<5
837023 H2O	<0.5	<0.5	0.4	40	5	160	<5
837024 H2O	<0.5	<0.5	0.3	10	2	280	<5
837025 H2O	<0.5	<0.5	0.3	15	3	200	<5
837026 H2O	<0.5	<0.5	0.4	40	10	200	<5
837027 H2O	<0.5	0.5	0.2	25	6	280	<5
837028 H2O	<0.5	0.5	0.3	35	7	220	<5
837029 H2O	<0.5	<0.5	0.4	25	9	220	<5
837030 H2O	<0.5	0.5	0.3	20	9	220	<5
837031 H2O	<0.5	0.5	0.3	20	10	180	<5
837032 H2O	0.5	0.5	0.7	55	15	240	<5
837033 H2O	0.5	0.5	0.6	90	14	260	<5
837034 H2O	0.5	1.0	1.1	75	25	200	5
837035 H2O	0.5	0.5	0.3	55	18	180	<5
837036 H2O	<0.5	0.5	0.3	30	9	120	<5
837037 H2O	<0.5	0.5	0.4	15	120	<20	<5
837038 H2O	<0.5	<0.5	0.3	90	80	<20	<5
837039 H2O	<0.5	0.5	0.4	40	130	<20	<5
837040 H2O	<0.5	<0.5	0.4	35	200	<20	<5
837041 H2O	0.5	0.5	0.5	20	220	<20	<5
837042 H2O	<0.5	0.5	0.4	65	110	<20	<5
837043 H2O	<0.5	0.5	1.7	120	170	<20	<5
837044 H2O	0.5	1.0	0.6	105	260	<20	<5
837045 H2O	1.5	4.0	6.0	15	220	<20	<5

Units	Cu	Pb	Zn	Fe	Mn	As	Ag
DL	0.5	0.5	0.1	10	1	20	5
Scheme	ICBM	ICBM	ICBM	ICBM	ICBM	ICBM	ICBM



Job: 4AD3916
O/N: 837001

ANALYTICAL REPORT

Sample	Cu	Pb	Zn	Fe	Mn	As	Ag
837046 H2O	<0.5	<0.5	0.6	35	200	<20	<5
837047 H2O	<0.5	0.5	0.3	80	190	<20	<5
837048 H2O	<0.5	0.5	0.4	70	210	<20	<5
837049 H2O	<0.5	<0.5	0.3	50	175	<20	<5
837050 H2O	<0.5	0.5	0.4	95	135	<20	<5
837051 H2O	<0.5	<0.5	0.3	<10	35	60	<5
Units	ppm	ppm	ppm	ppm	ppm	ppb	ppb
DL	0.5	0.5	0.1	10	1	20	5
Scheme	IC8M	IC8M	IC8M	IC8M	IC8M	IC8M	IC8M



ANALYTICAL REPORT

Job: CAD3916
O/N: 837001

Sample	Tl
837001 H2O	15
837002 H2O	15
837003 H2O	10
837004 H2O	15
837005 H2O	20
837006 H2O	15
837007 H2O	15
837008 H2O	10
837009 H2O	10
837010 H2O	10
837011 H2O	10
837012 H2O	10
837013 H2O	10
837014 H2O	15
837015 H2O	10
837016 H2O	10
837017 H2O	10
837018 H2O	10
837019 H2O	10
837020 H2O	5
837021 H2O	5
837022 H2O	5
837023 H2O	5
837024 H2O	5
837025 H2O	5
837026 H2O	5
837027 H2O	5
837028 H2O	5
837029 H2O	5
837030 H2O	5
837031 H2O	5
837032 H2O	10
837033 H2O	15
837034 H2O	10
837035 H2O	5
837036 H2O	5
837037 H2O	<5
837038 H2O	<5
837039 H2O	<5
837040 H2O	<5
837041 H2O	<5
837042 H2O	<5
837043 H2O	<5
837044 H2O	<5
837045 H2O	<5

Unit: ppb
DL 5
Scheme IC8M



ANALYTICAL REPORT

Job: AD3916
O/N: 837001

Sample	T1
837046 H2O	<5
837047 H2O	<5
837048 H2O	<5
837049 H2O	<5
837050 H2O	<5
837051 H2O	<5

Units ppb
DL 5
Scheme IC8M



ANALYTICAL REPORT

Job: 4AD3916
O/N: 837001

Sample	Cu	Pb	Zn	Fe	Mn	As	Ag
837001 0.1% EDTA	0.5	0.5	0.8	65	35	20	<5
837002 0.1% EDTA	0.5	0.5	0.5	115	155	40	<5
837003 0.1% EDTA	0.5	0.5	0.8	130	45	40	<5
837004 0.1% EDTA	1.0	1.0	0.8	120	195	80	<5
837005 0.1% EDTA	1.5	1.0	0.9	115	145	60	<5
837006 0.1% EDTA	1.0	1.0	0.7	90	35	40	<5
837007 0.1% EDTA	1.0	1.5	0.7	105	160	60	<5
837008 0.1% EDTA	1.0	1.5	0.5	105	100	20	<5
837009 0.1% EDTA	0.5	1.0	0.4	80	30	20	<5
837010 0.1% EDTA	<0.5	0.5	0.3	55	6	<20	<5
837011 0.1% EDTA	1.0	1.5	1.2	125	240	80	<5
837012 0.1% EDTA	0.5	0.5	0.6	105	16	60	<5
837013 0.1% EDTA	1.5	1.5	0.9	145	155	80	<5
837014 0.1% EDTA	1.5	1.5	0.5	120	210	60	<5
837015 0.1% EDTA	1.5	2.0	1.1	140	195	60	<5
837016 0.1% EDTA	1.5	1.5	0.7	115	55	60	<5
837017 0.1% EDTA	1.0	1.5	0.8	155	80	40	<5
837018 0.1% EDTA	0.5	0.5	0.5	80	30	20	<5
837019 0.1% EDTA	1.0	1.5	0.6	90	170	20	<5
837020 0.1% EDTA	0.5	1.0	0.5	70	25	20	<5
837021 0.1% EDTA	0.5	0.5	0.4	90	40	<20	<5
837022 0.1% EDTA	0.5	1.0	0.5	70	12	<20	<5
837023 0.1% EDTA	1.0	1.0	0.7	140	180	60	<5
837024 0.1% EDTA	0.5	0.5	0.6	40	13	<20	<5
837025 0.1% EDTA	0.5	0.5	4.7	70	30	20	<5
837026 0.1% EDTA	0.5	0.5	1.4	90	30	40	<5
837027 0.1% EDTA	0.5	0.5	0.5	85	30	40	<5
837028 0.1% EDTA	0.5	0.5	0.6	110	40	60	<5
837029 0.1% EDTA	0.5	0.5	0.5	70	45	20	<5
837030 0.1% EDTA	0.5	0.5	0.5	60	40	20	<5
837031 0.1% EDTA	1.0	0.5	0.8	85	170	60	<5
837032 0.1% EDTA	1.0	2.5	2.5	120	140	80	5
837033 0.1% EDTA	1.0	0.5	0.8	170	125	100	<5
837034 0.1% EDTA	0.5	0.5	0.6	95	200	40	<5
837035 0.1% EDTA	0.5	1.0	0.6	65	80	20	<5
837036 0.1% EDTA	0.5	0.5	0.5	55	85	20	<5
837037 0.1% EDTA	0.5	0.5	1.1	60	50	20	<5
837038 0.1% EDTA	<0.5	0.5	0.5	45	25	<20	<5
837039 0.1% EDTA	<0.5	<0.5	0.5	40	55	<20	<5
837040 0.1% EDTA	0.5	0.5	0.3	85	95	20	<5
837041 0.1% EDTA	0.5	0.5	0.5	125	200	60	<5
837042 0.1% EDTA	0.5	0.5	0.6	40	40	<20	<5
837043 0.1% EDTA	0.5	1.0	0.8	70	50	20	<5
837044 0.1% EDTA	0.5	0.5	0.4	95	175	40	<5
837045 0.1% EDTA	0.5	<0.5	0.6	50	75	<20	<5

Units	Cu	Pb	Zn	Fe	Mn	As	Ag
DL	0.5	0.5	0.1	10	1	20	5
Scheme	IC8M	IC8M	IC8M	IC8M	IC8M	IC8M	IC8M



Job: 4AD3916
O/N: 837001

ANALYTICAL REPORT

Sample	Cu	Pb	Zn	Fe	Mn	As	Ag
837046 0.1% EDTA	0.5	0.5	0.6	65	55	<20	<5
837047 0.1% EDTA	0.5	0.5	0.6	65	80	<20	<5
837048 0.1% EDTA	0.5	0.5	0.5	55	85	<20	<5
837049 0.1% EDTA	0.5	0.5	2.2	70	80	<20	<5
837050 0.1% EDTA	<0.5	<0.5	0.3	25	35	<20	<5
837051 0.1% EDTA	0.5	1.0	1.0	95	35	180	<5
Units	ppm	ppm	ppm	ppm	ppm	ppb	ppb
DL	0.5	0.5	0.1	10	1	20	5
Scheme	IC8M	IC8M	IC8M	IC8M	IC8M	IC8M	IC8M



Job: 4AD3916
O/N: 037001

ANALYTICAL REPORT

Sample	T1
837001 0.1% EDTA	15
837002 0.1% EDTA	5
837003 0.1% EDTA	5
837004 0.1% EDTA	15
837005 0.1% EDTA	10
837006 0.1% EDTA	10
837007 0.1% EDTA	10
837008 0.1% EDTA	10
837009 0.1% EDTA	<5
837010 0.1% EDTA	<5
837011 0.1% EDTA	10
837012 0.1% EDTA	5
837013 0.1% EDTA	15
837014 0.1% EDTA	5
837015 0.1% EDTA	10
837016 0.1% EDTA	10
837017 0.1% EDTA	5
837018 0.1% EDTA	5
837019 0.1% EDTA	5
837020 0.1% EDTA	5
837021 0.1% EDTA	<5
837022 0.1% EDTA	<5
837023 0.1% EDTA	10
837024 0.1% EDTA	<5
837025 0.1% EDTA	<5
837026 0.1% EDTA	5
837027 0.1% EDTA	<5
837028 0.1% EDTA	5
837029 0.1% EDTA	<5
837030 0.1% EDTA	<5
837031 0.1% EDTA	10
837032 0.1% EDTA	10
837033 0.1% EDTA	10
837034 0.1% EDTA	5
837035 0.1% EDTA	<5
837036 0.1% EDTA	<5
837037 0.1% EDTA	<5
837038 0.1% EDTA	<5
837039 0.1% EDTA	<5
837040 0.1% EDTA	<5
837041 0.1% EDTA	<5
837042 0.1% EDTA	<5
837043 0.1% EDTA	<5
837044 0.1% EDTA	<5
837045 0.1% EDTA	<5

Units ppb
DL 5
Scheme IC8M



ANALYTICAL REPORT

Job: 4AD3916

O/N: 837001

Sample	T1
837046 0.1% EDTA	<5
837047 0.1% EDTA	<5
837048 0.1% EDTA	<5
837049 0.1% EDTA	<5
837050 0.1% EDTA	<5
837051 0.1% EDTA	<5

Units ppb
DL 5
Scheme ICSM



ANALYTICAL REPORT

Job: 4AD3916
O/N: 037001

Sample	Cu	Pb	Zn	Fe	Mn	As	Ag
837001 1% EDTA	0.5	0.5	0.9	80	40	60	10
837002 1% EDTA	1.0	0.5	0.8	100	110	60	20
837003 1% EDTA	0.5	0.5	1.8	135	45	80	20
837004 1% EDTA	0.5	1.0	8.0	50	80	20	<5
837005 1% EDTA	1.0	1.0	0.2	50	95	20	<5
837006 1% EDTA	0.5	0.5	<0.1	40	30	<20	<5
837007 1% EDTA	1.0	1.0	0.1	75	75	20	<5
837008 1% EDTA	1.0	1.0	0.2	120	85	20	10
837009 1% EDTA	1.0	1.0	0.5	155	30	60	15
837010 1% EDTA	0.5	0.5	0.5	115	5	40	10
837011 1% EDTA	1.0	1.0	0.1	55	145	20	<5
837012 1% EDTA	0.5	0.5	0.5	45	13	60	5
837013 1% EDTA	1.0	1.5	0.2	65	105	<20	<5
837014 1% EDTA	1.0	1.0	<0.1	65	150	<20	<5
837015 1% EDTA	1.5	1.5	0.2	85	120	20	<5
837016 1% EDTA	1.0	1.0	0.3	115	60	20	<5
837017 1% EDTA	1.0	1.0	0.7	220	70	80	10
837018 1% EDTA	0.5	0.5	0.5	65	20	40	10
837019 1% EDTA	1.5	1.5	0.6	125	110	40	15
837020 1% EDTA	0.5	1.0	0.9	60	25	60	10
837021 1% EDTA	0.5	0.5	0.1	150	50	60	<5
837022 1% EDTA	0.5	0.5	0.5	120	10	40	5
837023 1% EDTA	0.5	0.5	<0.1	45	135	<20	<5
837024 1% EDTA	0.5	0.5	0.3	60	19	40	5
837025 1% EDTA	0.5	<0.5	0.3	175	45	40	5
837026 1% EDTA	1.0	0.5	0.5	65	40	80	15
837027 1% EDTA	0.5	0.5	0.3	95	40	60	5
837028 1% EDTA	0.5	0.5	0.5	195	50	80	5
837029 1% EDTA	0.5	0.5	0.4	110	65	80	10
837030 1% EDTA	0.5	0.5	0.4	90	60	80	10
837031 1% EDTA	0.5	0.5	0.3	85	140	60	10
837032 1% EDTA	0.5	0.5	<0.1	65	185	<20	<5
837033 1% EDTA	0.5	0.5	0.1	55	160	60	<5
837034 1% EDTA	<0.5	0.5	<0.1	55	175	20	<5
837035 1% EDTA	0.5	0.5	0.2	50	105	20	<5
837036 1% EDTA	0.5	0.5	0.4	50	110	40	5
837037 1% EDTA	0.5	0.5	0.6	55	90	80	<5
837038 1% EDTA	0.5	0.5	0.1	110	40	40	<5
837039 1% EDTA	0.5	0.5	0.2	120	90	40	5
837040 1% EDTA	0.5	<0.5	0.3	135	130	80	5
837041 1% EDTA	1.0	1.0	0.2	125	230	40	<5
837042 1% EDTA	0.5	0.5	0.7	90	60	100	10
837043 1% EDTA	1.0	1.0	0.6	155	85	100	10
837044 1% EDTA	0.5	0.5	0.4	90	150	100	5
837045 1% EDTA	0.5	0.5	0.1	80	100	40	<5

Units	ppm	ppm	ppm	ppm	ppm	ppb	ppb
DL	0.5	0.5	0.1	10	1	20	5
Scheme	IC8M	IC8M	IC8M	IC8M	IC8M	IC8M	IC8M



Job: 4AD3916
O/N: 837001

ANALYTICAL REPORT

Sample	Cu	Pb	Zn	Fe	Mn	As	Ag
837046 1% EDTA	1.0	<0.5	0.4	140	85	60	5
837047 1% EDTA	0.5	0.5	0.2	90	95	60	5
837048 1% EDTA	0.5	<0.5	0.2	110	125	60	<5
837049 1% EDTA	0.5	0.5	0.2	130	115	80	5
837050 1% EDTA	<0.5	<0.5	<0.1	160	75	40	<5
837051 1% EDTA	1.0	1.0	1.3	135	70	880	5
Units	ppm	ppm	ppm	ppm	ppm	ppb	ppb
DL	0.5	0.5	0.1	10	1	20	5
Schema	ICSM	ICSM	ICSM	ICSM	ICSM	ICSM	ICSM



ANALYTICAL REPORT

Job: 4AD3916
O/N: 837001

Sample	T1
837001 1% EDTA	15
837002 1% EDTA	15
837003 1% EDTA	20
837004 1% EDTA	5
837005 1% EDTA	10
837006 1% EDTA	5
837007 1% EDTA	5
837008 1% EDTA	10
837009 1% EDTA	10
837010 1% EDTA	10
837011 1% EDTA	5
837012 1% EDTA	15
837013 1% EDTA	5
837014 1% EDTA	<5
837015 1% EDTA	10
837016 1% EDTA	10
837017 1% EDTA	15
837018 1% EDTA	10
837019 1% EDTA	10
837020 1% EDTA	10
837021 1% EDTA	5
837022 1% EDTA	5
837023 1% EDTA	5
837024 1% EDTA	10
837025 1% EDTA	10
837026 1% EDTA	15
837027 1% EDTA	10
837028 1% EDTA	15
837029 1% EDTA	15
837030 1% EDTA	15
837031 1% EDTA	15
837032 1% EDTA	<5
837033 1% EDTA	5
837034 1% EDTA	<5
837035 1% EDTA	15
837036 1% EDTA	5
837037 1% EDTA	10
837038 1% EDTA	10
837039 1% EDTA	10
837040 1% EDTA	10
837041 1% EDTA	5
837042 1% EDTA	10
837043 1% EDTA	10
837044 1% EDTA	10
837045 1% EDTA	5

Units ppb
DL 5
Scheme ICSM



Job: 4AD3916
O/N: 837001

ANALYTICAL REPORT

Sample	Tl
837046 1% EDTA	5
837047 1% EDTA	10
837048 1% EDTA	5
837049 1% EDTA	5
837050 1% EDTA	5
837051 1% EDTA	10

Units ppb
DL 5
Scheme ICBM



DRAWINGS

1000

1000

900

900

800

800

700

700

604300

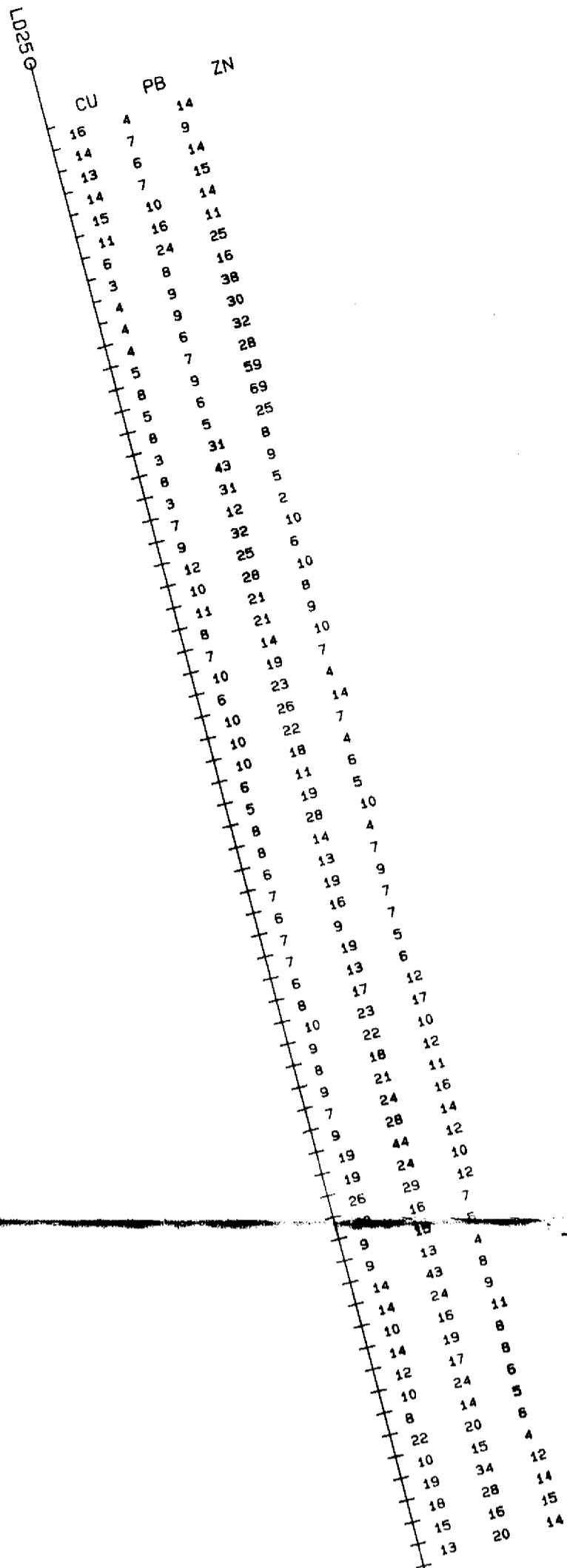
604400

604500

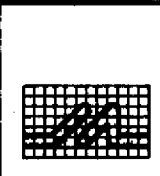
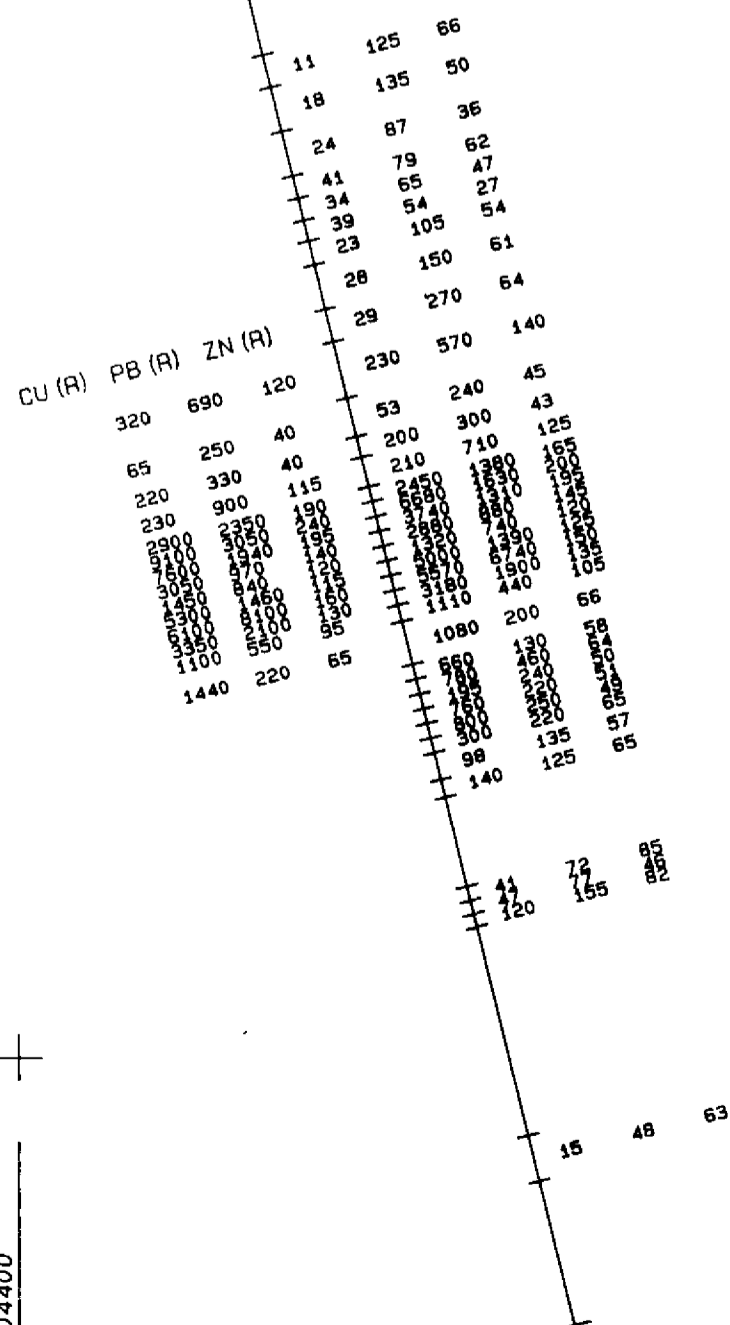
604300

604400

604500



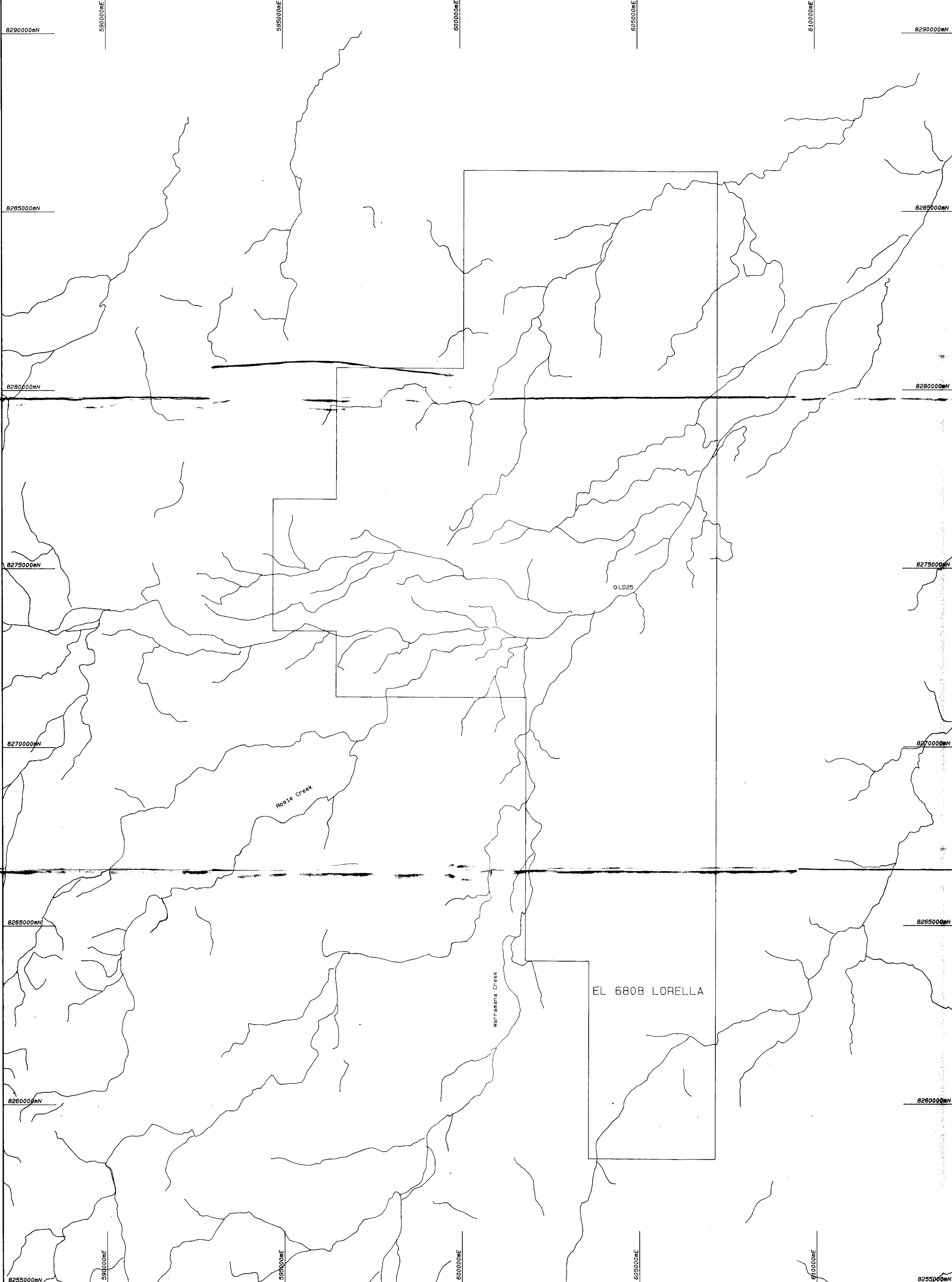
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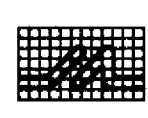
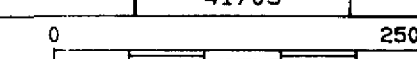


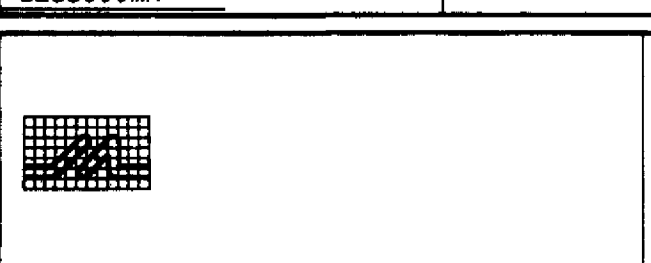
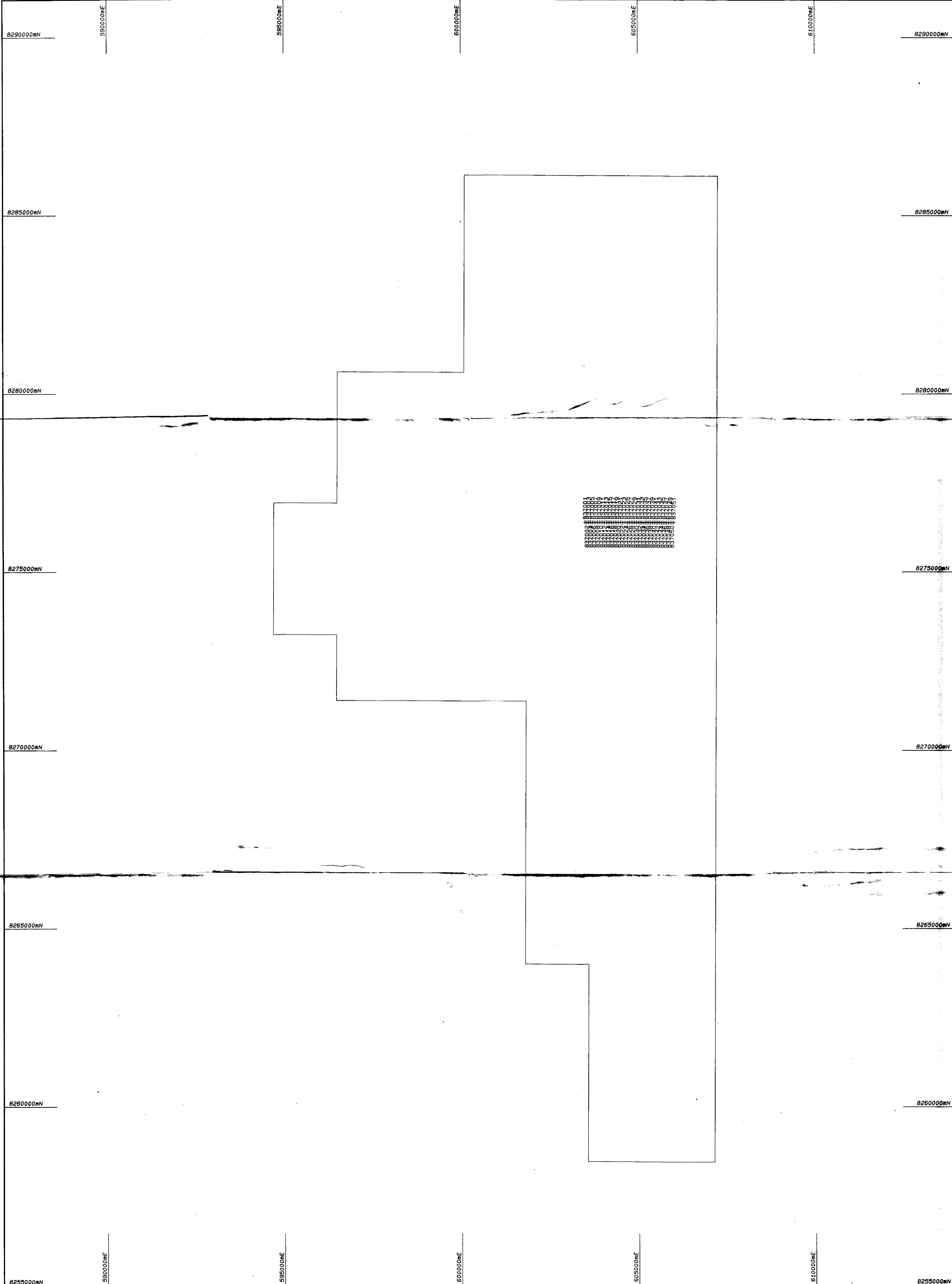
Scale 1: 500	DATE 22/11/94	SHEET 1 of 1
	REF No. 41707	T.P.

EL 6808 LORELLA
SECTION 8274400N
DOWNHOLE ASSAYS
CU PB ZN

MIM EXPLORATION PTY LTD
NORTHERN TERRITORY



	<p>Scale 1: 50000</p> 	<p>DATE 18/10/94</p>	<p>SHEET 1 of 1</p>	<p>EL 6808 LORELLA DRILLHOLE LOCATION PLAN</p>	<p>MIM EXPLORATION PTY LTD NORTHERN TERRITORY</p>
		<p>REF No. 41705</p>			



Scale 1: 50000

Scale	DATE	SHEET
1: 50000	23/11/94	1 of 1
	REF No.	
	41706	

EL 6808 LORELLA
SOIL SAMPLES 1994
SAMPLE LOCATIONS

MIM EXPLORATION PTY LTD
NORTHERN TERRITORY