Rio Tinto Exploration Pty. Limited

A.C.N. 000 057 125

A member of the Rio Tinto Group

EL 8784 Gibb Bluff

EL 9185 Mt Vizard

Combined Final Report for the Period ending 31 December 1998

SD53-10 URAPUNGA
SD53-14 HODGSON DOWNS
Northern Territory, Australia

Author: **P.H. Mackenzie**
D.L. Wilkinson

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Submitted to: **J. Burgess**

Copies to: **Rio Tinto Exploration - Perth**
Dept of Mines and Energy - Darwin
Rio Tinto Exploration - Darwin

Submitted by: _____

Accepted by: _____

Exploration Report No23838

Abstract

This report documents all exploration activities undertaken within EL's 8784 Gibb Bluff and 9185 Mt Vizard for the period between 15th July 1998 and 31 December 1998. The two tenements comprise the Walgundu Project Area and were applied for to explore for Mid Proterozoic age base metal mineralisation. The area is also considered prospective for kimberlitic diatremes.

During the fourth year of tenure within EL 8784 Gibb Bluff and the third year of tenure of EL 9185 Mt Vizard the following exploration activities were completed:

161 -20# soil samples were collected from over the Showell Creek Fault and Kookaburra Creek Formation (Kookaburra North Area). Results were low with a maximum of 62 ppm Zn and 113 ppm Zn respectively.

Final assay results of previous drilling was received. No significant results were reported.

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1 Conclusions and Recommendations

The following conclusions and recommendations were drawn from the exploration activities completed on the Walgundu Project (Mt Vizard / Gibb Bluff) during the reporting period:

Soil Sampling

- Results received from the Showell Creek Fault were low with background values of approximately 5ppm for both Pb and Zn. Best result returned was 62 ppm Zn. No further follow-up is recommended as this anomaly is Zn-only.

- Infill sampling at the Kookaburra North (99ppm Zn, 45ppm Cu and 9% Fe) anomaly failed to extend the anomalism. No further work is recommended.

Drilling

- Final assay results of 1998 follow up broad-spaced RC/diamond drilling at Mountain Creek Prospect failed to better mineralisation described in the previous annual report. No further drilling is recommended due to the absence of a large mineralised system within the tenement.

It is recommended that no further exploration be conducted within the tenement.

2 Introduction

This report is a combined annual report for two adjacent ELs, 8784 Gibb Bluff and 9185 Mt Vizard, known as the Walgundu Project Area, located on the Urapunga SD5310 and Hodgson Downs SD5314 1:250,000 sheets with vehicular access via the Roper River Highway. The Area encompasses Mid Proterozoic Vizard, Nathan and Roper Group sequences which crop out on the flank of the E-W trending Urapunga Tectonic Ridge of the western McArthur Basin. Rio Tinto applied for the tenements to explore for stratabound base metal mineralisation, within the Mid Proterozoic Vizard and Nathan Groups. The area was also considered prospective for kimberlitic diatremes.

Rio Tinto Exploration Pty Limited (Rio Tinto), formerly CRA Exploration Pty. Limited, was granted EL 8784 Gibb Bluff (497 blocks) on 16th June 1995, and EL 9185 Mt Vizard (40 blocks) on the 15th July 1996 (NTd Plan 6548).

Rio Tinto relinquished 37 blocks from EL 8784 Gibb Bluff on the 22nd of April 1997 and applied for a waiver of reduction which was subsequently granted on the 14th of July 1997.

A partial relinquishment of 161 blocks from EL 8784 Gibb Bluff was lodged on the 14th of May 1998 and a partial waiver of reduction applied for and granted.

This report documents all exploration activities undertaken within EL 8784 and EL 9185 to the period ending 31 December 1998, and reflects the fourth year of work at EL 8784 and the third year at EL 9185.

3 Regional Geology

The Walgundu Project Area is situated on the southern flank of the E-W trending Urapunga Tectonic Ridge which separates the Batten and Walker Troughs of the McArthur Basin. Mid Proterozoic sequences of the Vizard, Nathan and Roper Groups dominate the geology and are separated by major regional unconformities (see Table 1). The area was originally mapped by the BMR in the early 1960's (Dunn 1963). The following geological descriptions are largely based on recent work by the NTGS and AGSO geologists as part of the re-mapping of the Urapunga 250K sheet.

The Vizard Group is the lowest of the McArthur Basin sequence cropping out within the project area. This group consists of stromatolitic dolomite and dolomitic siltstones of the St Vidgeon Formation which is in turn overlain by interbedded quartz sandstone and siltstone of the Nagi Formation. The Vizard Group correlates with the McArthur Group to the SE which hosts the HYC Zn-Ag-Pb ore body.

The Nathan Group unconformably overlies the Vizard Group and from the base up, comprises the feldspathic Mt Birch Sandstone, stromatolitic dolostone of the Kookaburra Creek Formation, amygdaloidal basic volcanics and sandstones of the Yalwarra Volcanics and oolitic cherts and sandstones of the Walmudga Formation.

The highest part of the McArthur Basin sequence cropping out within the project area are the Mantangula Formation, Limmen Sandstone and the Mainoru Formation of the Roper Group. The Mantangula Formation comprises a basal conglomerate with over-lying siltstones and sandstones which are organic-rich in part. The quartz-rich Limmen Sandstone, and the flaggy sandstone and siltstone of the Mainoru Formation crop out in the SW portion of the project area.

The area has been cut by several N-S and NW-SE trending faults, the largest being the N-S Showell Creek fault. The NW-SE trending faults locally display a thrust component. A broad SE trending syncline occurs on the eastern side of EL 8784 and larger domes can be observed along the Flying Fox Fault further to the west. The terrain is flat to undulating and features thin residual Quaternary soils.

Stratigraphic Correlations with Batten Trough & Wearyan Shelf

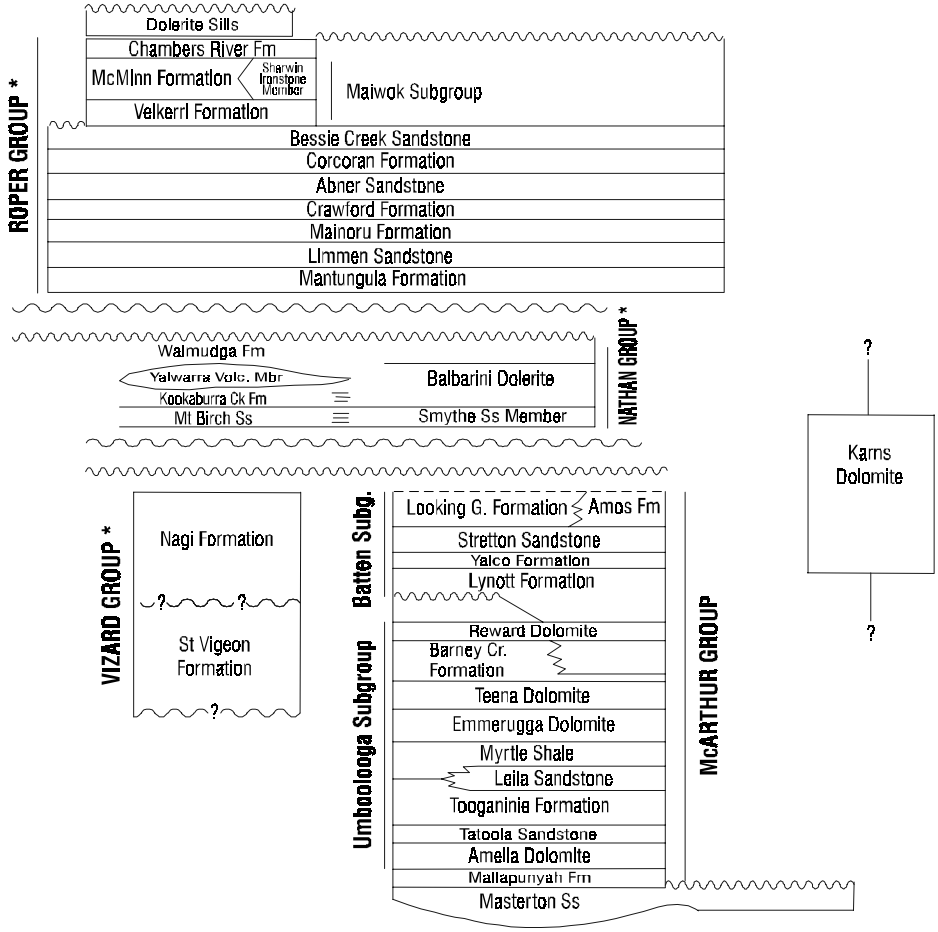

Table 1.

CRA EXPLORATION PTY. LIMITED			
EL 8784 GIBB BLUFF Stratigraphic Succession within the EL 8784 and Correlation with Batten Trough and Wearyan Shelf			
REFERENCE	*SD 53-10 Urapunga / SD 53-14 Hodgson Downs*		
SCALE	*N/A*	DATE	*Aug. 1996*
AUTHOR	*DCM*	REPORT	
DRAWN	*CSDS / TTN*	PLAN No.	*Table 1*

4 Previous Exploration

4.1 Historical

In 1957 CRA Exploration completed aerial and ground reconnaissance over approximately 8000 square miles of the western side of the Gulf of Carpentaria (CR 57/4). Primary objectives were to establish rock types, regional structures and the relationships between the Pb and Zn bearing rocks of the Bulman and McArthur River areas. Although there weren't any mineralised occurrences identified, siliceous and ferruginous rocks cropping out in the vicinity of the Roper River Mission were noted. A historic occurrence of gold at Mt Birch was also noted.

In 1958 BHP Minerals Pty Ltd applied for Authority to Prospect 630, located over an area within EL 9185, to prospect for Pb and Cu. Weak Cu and Pb mineralisation was identified in silicified dolomite on the western side of Mt Vizard, south of Ngukurr. Maximum assays reported from 8 costeans and 2 rock-chip samples were 0.26% Pb and 0.07% Cu. A diamond-cored hole was drilled to a depth of 87m below an outcrop of silicified dolomite intersecting only minor amounts of galena, sphalerite and pyrite in calcite veins at 72m. Disappointing drill results indicated no further work was warranted and the licence was relinquished.

In 1973-74 CRA Exploration held EL 873, encompassing the eastern side of the of EL 8784, to prospect for stratiform Pb-Zn mineralisation within the Kookaburra Creek Formation (CR74/73). 1:50,000 scale geological mapping was completed over the eastern side of EL 8784. Sixty one -80# stream sediment, 57-80# soil, and 34 rock samples were collected and submitted for multi-element analysis. Stream sediment samples were collected at a density of 1 per 1.5 km^2. Maximum values reported from drainage samples were 29 ppm Pb and 30 ppm Zn from a creek draining the lower part of the Kookaburra Creek Formation, while the highest assay reported from soils was 130 ppm Pb from a barite occurrence. All other assays results were low and the licence was relinquished.

Between 1978 and 1982 Western Mining Corporation explored EL's 1567, 1817, 1665 and 1711 for stratabound Cu $\pm$ Pb-Zn mineralisation within the Kookaburra Creek Formation (CR 78/183, CR79/183, CR 83/8). These EL's covered the southern portion and an area NW of EL 8784. Initial work included extensive mapping to define prospective rock types and the collection of 2914 -80# soil samples on traverses over the Kookaburra Creek Formation and parts of the Roper Group. Maximum assays reported from soil sampling were 75 ppm Pb and 40 ppm Zn. Soil sampling was thought to be largely ineffective over areas of sand and laterite cover. 17.7 km of dipole-dipole IP, 4 km of ground magnetics and 34 TEM loops were completed over areas covered by soil sampling. Follow-up exploration involved the drilling of four percussion holes, aggregating >310m, to evaluate IP responses and anomalous soil geochemistry. A pyritic, carbonaceous dolomite unit of the Kookaburra Creek Formation, was intersected in two of the holes and an element of down faulting has been inferred from cross sections. Maximum intercepts of 20m @ 0.16 % Zn and 0.13 % Pb from PDT-2-248 within dolomite,

shale, and chert of the Kookaburra Creek Formation could not be upgraded and the last of the EL's was relinquished in 1982.

In 1983 Ashton Mining explored for diamonds over EL's 3355 and 3356, collecting 93 and 72 gravel samples in each EL respectively (CR83/81, CR83/82). The area almost entirely covers the present EL 8784. Twenty to thirty kilograms of -4mm material was collected at a sample density of 1 sample per 15 km^2. Results were negative with only 2 samples reporting 3 non-kimberlitic chromites.

In 1985 Stockdale Exploration held EL's 4475-77, 4482, and 4484-89 on the Urapunga, Hodgson Downs, Katherine and Mount Marumba 1:250,000 map sheets to explore for diamonds (report CR 85/149). Seventy four +0.5mm-1.7mm drainage samples were collected at a density of 1:2 km^2 and processed for diamond and kimberlitic indicator minerals (KI's). No KI's were observed and all EL's were relinquished.

In 1988 Track Minerals, in joint Venture with Eon Metals N.L., were granted EL 5894 to explore the Katherine and Urapunga 1:250,000 map sheets for Pine Creek analogous gold deposits (CR 89/702). No gold or other mineral occurrences were observed and it was found that all units are younger than the gold hosting lithologies in the Pine Creek Geosyncline. As a result no further work was carried out and the tenement was relinquished.

In 1991 Mount Isa Mines Ltd were granted EL 7233 to explore for base metals in an area within the Mt Vizard EL 9185 (CR 95/462). A local gravity and magnetic high was recognised with in the tenement. Linear siliceous breccias were observed along N-S and NW-SE trending faults, related to the Showell Creek Fault Zone, and appear to post date the Roper Group. Sixty eight stream sediments, 58 lag, 367 soil, 11 costean and rock-chip samples were collected. A 3.5 km grid was established over the NW-SE trending siliceous breccias and minor Cu-Pb mineralisation was recognised. Rock-chip samples collected adjacent to visible mineralisation reported 1.78% Pb in the Walmudga Formation. Lag samples collected adjacent to observed secondary copper mineralisation reported maximum assays of 4270 ppm Cu and 1.73% Pb. A petrographic study indicated mineralisation observed at the Mt Birch Prospect was of late stage hydrothermal origin. Drill targets were identified from surface sampling and after consultation with traditional owners drill pads and access tracks were constructed. After reassessing the commercial value of the licence in 1994, pending a Native Title claim, it was decided no further work should be carried out and the ground was relinquished in 1995.

In 1992 EL 7852 was granted to a joint venture between Normandy and Stockdale Exploration to explore for diamonds and base-metals (report CR95/33) on an area NW of EL 8784. 108 stream sediment samples, and 25 rock-chip samples were collected in three phases of work. Maximum stream sediment assays were 110 ppm Cu, 520 ppm Zn, 210 ppm Pb and 19 ppm As, and maximum rock-chip assays were 172 ppm Cu, 0.17% Zn, 0.9% Pb, 47% Fe and 10% Mn. Base metal anomalies

could not be upgraded, no significant KI's were reported and the EL was relinquished.

4.2 Recent Rio Tinto Exploration

4.2.1 1996 Field Season

Rio Tinto, completed the following exploration activities within EL 8784 Gibb Bluff during the first year of tenure:

An extensive open-file literature review revealed the tenement has been extensively sampled for kimberlitic indicator minerals with negative results. The Kookaburra Creek Formation was found to locally contain significant amounts of base metal mineralisation (20m at 0.15% Zn and 0.12% Pb) and thrust faults cutting the Walmudga Formation locally host Pb-Cu mineralisation.

Open-file aeromagnetic was acquired and analysed. As result eight dipolar aeromagnetic anomalies were investigated and explained as non kimberlitic.

Forty one -80# sediment samples were collected in primary streams draining areas of outcrop. Maximum values reported were 24 ppm Zn, 31 ppm Pb and 24 ppm Cu. No mineralised float was recognised in drainages.

One rock chip sample was collected which reported low tenor base metal values.

Three -2mm loam samples and one -2mm gravel sample were collected. All reported negative for kimberlitic indicators.

Exploration results for the first year of tenure for EL 8784 are fully documented in the first annual report by Menzies et al (1996).

4.2.2 1997 Field Season (pre July 14)

During the second year of tenure within EL 8784 Gibb Bluff and the first year of tenure of EL 9185 Mt Vizard the following exploration activities were completed:

15.5 line km of IP traverses were conducted over the Mt Birch, Strawberry Creek, Mountain Creek and Big Kahuna prospects within EL 9185 and 8784. A conductive IP response was recorded at Strawberry Creek Prospect.

Collection of an additional 215 -80# stream sediment samples from which 2 catchments anomalous in base metals were identified for follow-up.

Sixty two rock chips were collected. Best results were from the Mt Birch Prospect with 38.8% Cu in a malachite-stained siltstone and 5.2% Pb, 7ppm Ag and 0.12% Cu near the fault contact between the St Vidgeon Formation and Walmudga Formation.

Two gravel and 2 loam samples were taken from subtle circular features within the project area for kimberlitic indicator analysis. All reported negative for kimberlitic indicators.

Two hundred and thirty nine -80# soil samples were collected from 3 prospects within the project area; Mt Birch, Strawberry Creek and West Mt Warren. Results confirmed the Pb Cu Zn anomalism at the Mt Birch Prospect over 2.5km strike over the St Vidgeon, Walmudga and Nagi Formations.

Detailed mapping of the Mt Birch Prospect at 1:5000 scale was conducted.

Two petrologic studies of 9 rock samples from the Mt Birch Prospect were completed.

Exploration results for the first year of tenure for EL 9185 and second year of tenure for EL 8784 are fully documented in the annual report by Mackenzie (1997).

4.2.3 1998 Field Season (pre July 14)

96 rock chip samples were collected from various ironstone and gossanous looking outcrops. Best results were from the Mountain Creek Prospect with 0.2% Zn and 0.12% Pb from a ferruginous laminated chert within the Kookaburra Formation.

15 orientation stream sediment samples were collected at 100m spacing down stream near surface mineralisation at Mountain Creek Prospect. Both coarse and fine fractions returned very low pathfinder elements implying a high degree of dilution and leaching.

690 -20# soil samples were collected from the Mountain Creek Prospect area, SE Grid Prospect and over the Kookaburra Creek Formation (Kookaburra North Area). Results were low with maximums of 133ppm Zn, 66ppm Zn and 99ppm Zn respectively.

Petrophysical measurements of mineralised RAB/RC-percussion chips from the Mountain Creek Prospect reported good IP effect. Twenty-nine line-km of Reconnaissance IP traverses were conducted over the SE Grid Prospect over interpreted possible extensions of prospective St Vidgeon Formation within EL 8784. A subtle conductive IP response was recorded over parts of the Kookaburra Formation but no significant anomalies were detected.

An orientation gravity survey at the Mountain Creek Prospect was successful in delineating the Showell Creek Fault and the density contrast between the dolomitic siltstones of the Kookaburra Formation and Nagi Formation siltstones.

Airphoto interpretation of the Walgundu Project Area was completed at 1:50,000 scale. Digital Elevation Modelling over a portion of the Mountain Creek Prospect was trialed and found to be useful as a mapping aid but not cost effective.

RAB, RC and Diamond drilling at the Mt Birch Prospect failed to intersect any significant base metal mineralisation. Best intersection was 15m @ 0.18% Cu from 15m within a thrust zone between the St Vidgeon and Walmudga Formations.

An RC drill hole at the Strawberry Creek IP and stream sediment anomaly intersected inter-bedded sandstones and siltstones of the Mainoru Formation (Roper Group). No anomalous base metals were intersected.

RAB, RC and Diamond drilling within the Mountain Creek area intersected weak Zn-Pb-Ag (-Cu) mineralisation within dark grey shales and siltstones of the Kookaburra Creek Formation (Nathan Group). A discontinuous mineralised system with strike extent of 3-3.5km, width of 100-200m and thickness of 1-15m was delineated. Best intersections were 15m @ 0.4% Zn from 19m (WG217) and 0.19m @ 7% Zn from 65.1m (DD98WG003). The Zn-Pb-Ag mineralisation dies rapidly down-dip.

Geological observations and petrological studies from the Mountain Creek Prospect suggest a carbonate replacement-style mineralisation. Broad spaced drilling has shown the absence of a large high-grade mineralised system.

5 Results of Exploration for Period Ending 31 December, 1998

5.1 Geochemical Sampling

5.1.1 Soil

A total of 161 -20# soil samples were collected during the reporting period covering areas along the Showell Creek Fault as well as infill sampling at the Kookaburra North anomaly. Approximately 200-500g of sample was collected at the colour change (red-brown colour), where present. The sample depths varied between 15cm to 1.2m and were collected using hand auger. Samples were submitted to ASSAYCORP in Pine Creek and analysed for: Ag (0.05 ppm), As (0.5 ppm), Ba (2 ppm), Bi (0.02 ppm), Ca (10 ppm), Cd (0.05 ppm), Co (0.05 ppm), Cr (2 ppm), Cu (0.2 ppm), Fe (20 ppm), K (50 ppm),

Mg (10 ppm), Mn (1 ppm), Mo (0.05 ppm), Na (50 ppm), Ni (2 ppm), P (10 ppm), Pb (0.2 ppm), Sb (0.05 ppm) Ti (10 ppm), Th (0.01ppm), U (0.01 ppm) and Zn (0.5 ppm) by ICP-OES and ICP-MS.

Soil sample locations are shown on Plan NTd 6736 while ledgers and assay results are presented in Appendix II. Also included in Appendix II are the complete results for soils from EL 8784 from the previous reporting period.

5.1.1.1 Kookaburra North Area

Infill soil sampling of a Zn-Cu-Fe soil anomaly identified during the previous reporting period was conducted. Highest Zn value of 113ppm (4ppm Pb, 8% Fe) was returned over Kookaburra Creek Formation sandstone. The anomalism is not considered significant enough to warrant further exploration (see NTd Plan 6736).

5.1.1.2 Showell Creek Fault Zone

One hundred and fourty-eight broad spaced soil samples were conducted over Nathan Group Kookaburra Creek Formation and Walmudga Formation sediments adjacent to the Showell Creek Fault in the north of Walgundu. The only significant result is a 1.4km long Zn (only) anomaly of 27 to 62 ppm Zn (background 5ppm Zn) over the Walmudga Formation on Line 836 6000N. These samples were collected on the flanks of a silicified E-W ridge. (Plan NTd 6736).

No further work is recommended on the basis that the anomaly is single element only and no other anomalies occur in the vicinity.

5.2 Drilling

5.2.1 Diamond Core Drilling

Five diamond core holes were drilled at Mountain Creek prospect during the previous reporting period (Mackenzie, 1997). Not all assays were could be reported due to delays from commercial laboratories. Complete results of four of the holes are presented in Appendix III. Locations of these are shown on NTd Plan 6701.

No significant results were returned from assays. Refer to the previous report for details on drilling. The conclusions that wide-spaced drilling failed to detect a larger body of mineralisation in the Mountain Creek area remains the same.

6 Rehabilitation

All drill sites were rehabilitated at the end of the field season. On completion of drilling, all drill hole collars were capped. At the end of the field season, the caps were then replaced with conical concrete plugs. Drill pads and access tracks were harrowed to aid re-growth. Sample bags from RC and RAB holes were buried at the drill sites. Diamond hole sumps were back-filled and harrowed over. All exploration tracks were also harrowed.

7 References

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Mackenzie P.H. (1997). EL8784 Gibb Bluff & EL9185 Mt Vizard Combined Annual Report for Period Ending 14 July 1997. RIO TINTO Report No. 23036.

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8 Location

Urapunga	SD53-10	1:250,000
Hodgson Downs	SD53-14	1:250,000
Urapunga	5868	1:100,000
St Vidgeon	5867	1:100,000

9 Keywords

Assays; Base metals; Copper; Lead; Zinc; Geochemistry; McArthur Basin; Proterozoic; Stratabound; Vizard Group; Nathan Group; Roper Group; Kookaburra Creek Formation; St Vidgeon Formation; Nagi Formation; Soil Sampling; Dolomite; Drill - diamond; Sphalerite; Galena; Chalcopyrite;

10 DPO Register

87686 - 87696; 87700; 88151; 88153 - 88200; 89351; 89354; 89401 - 89406

APPENDIX I

Database Codes
Rio Tinto Northern Territory

Tectonic domain	Code
Amadeus Basin	AMA
Arafura Basin	ARA
Arnhem Block	ARN
Arunta Orogen	ARU
Birrindudu Basin	BIR
Bonaparte Basin	BON
Carpentaria Basin	CAR
Daly Basin	DAL
Dunmara Basin	DUN
Eromanga Basin	ERO
Georgina Basin	GEO
Granites / Tanami Block	GRA
Halls Creek Zone	HAL
Litchfield Province	LIT
McArthur Basin	MCA
Money Shoal Basin	MON
Murphy Inlier	MUR
Musgrave Block	MUS
Nanambu Inlier	NAN
Ngalia Basin	NGA
Officer Basin	OFF
Ord Basin	ORD
Pedirka Basin	PED
Pine Creek Geosyncline	PCK
Rum Jungle Inlier	RUM
South Nicholson Basin	SNI
Tennant Creek Inlier	TEN
Tertiary Basins	TER
Victoria Basin	VIC
Wiso Basin	WIS

Sample Type	Code
Drainage	
CN leach	CN
Gravel (for Diamonds)	GV
Heavy mineral pan concentrate	PC
Stream sediment	SS
Surface geochemical	
Auger	AU
Lag	LG
Loam (for Diamonds)	LM
Soil	SL
Rock	
Float	RKFLT
Rock chip	RKCHIP
Channel	RKCHAN
Gossan	RKGOSS
Grab	RKGRAB
Drilling	
Air core	AC
Diamond core	DD
Percussion chips	PD
RAB	RAB
RC percussion chips	RC
Miscellaneous	
Geobotanical	GB
Laterite (bauxite)	LT
Palaeontological or palynological	PL
Petrographic - petrology	PT
Polished section	PS
Thin section	TS
Water	WT

Sieve mesh size given if appropriate ie:
-80# SS
-20# +40# SL
-4mm +2mm LG

Texture	Code
Sedimentary	
Bioturbated	BT
Cemented	CM
Consolidated	CN
Coarsening upward	CU
Dessication cracks	DC
Fossil invertabrates	FI
Microfossils	FM
Fossil plants	FP
Fissile	FS
Trace fossils	FT
Fining upward	FU
Fossil vertabrate	FV
Normal grading	GR
Hard	HD
Indurate	IN
Laminated	LA
Liesegang	LS
Micritic	MC
Clay/mud rich	MD
Oolitic	OO
Pebbly	PB
Peloidal	PE
Porous	PO
Pisolitic	PS
Parting	PT
Reverse grading	RG
Ripple marks	RP
Sandy	SA
Soft sediment deformed	SD
Stromatolitic	SO
Stylotitic	ST
Thinning downward	TD
Thickening upward	TU
Wavey bedding	WB
Cross laminated	XL
Unconsolidated	UN
Thick bedded	TK
Thin bedded	TN
Medium bedded	ME
Very thick bedded	VK
Very thin bedded	VT
Very angular	R1
Angular	R2
Sub angular	R3
Sub rounded	R4
Rounded	R5
Well rounded	R6
Unsorted	S0
Very poorly sorted	S1
Poorly sorted	S2
Moderately sorted	S3
Well sorted	S4
Very well sorted	S5
Bimodally sorted	SB

Texture	Code
Igneous/Volcanic	
Aphantic	AF
Aphyric	AY
Amygdaloidal	AG
Amorphous	AH
Cryptocrystaline	CX
Devitrified	DV
Dyke	DY
Equigranular	EQ
Eutaxitic	EU
Granophyric	GF
Glassy	GL
Gneissic	GN
Lapilli	LL
Migmatitc	MM
Microcrystaline	MX
Megacrystic	MZ
Porphyroblastic	PF
Pegmatitic	PG
Porphyritic	PR
Pillowed	PW
Rythmically layered	RL
Recrystallised	RX
Schistose	SC
Saccharoidal	SI
Sill	SL
Spinifex	SX
Vitric	VI
Vein	VN
Vesicular	VS
Vuggy	VU
Xenocrstic	XC
Xenolith	XE
Xenolithic	XN

Texture	Code
General	
Matrix Supported	MS
Clast Supported	CS
Coarse grained	CG
Fine grained	FG
Medium grained	MG
Very coarse grained	VC
Very fine grained	VF
Fresh	W0
Slightly weathered	W1
Moderately weathered	W2
Highly weathered	W3
Metamorphic/Structure	
Banded	BA
Broken	BK
Brecciated	BR
Boudinaged	BU
Crenulated	CR
Contorted	CT
Cleaved	CV
Faulted	FA
Fractured	FC
Folded	FD
Foliated	FO
Friable	FR
Jointed	JO
Kinked	KI
Lineated	LI
Massive	MS
Mylonitic	MY
Sheared	SH
Slickensided	SL

Qualifier	Code
General Qualifier	
Amygdaloidal	AMG
Arenaceous	ARE
Argillic	ARC
Basic	BAS
Bouldery	BLY
Brecciated	BXD
Calcareous	CAC
Carbonaceous	CAN
Cherty	CHY
Conglomeratic	CGC
Crystal	XTL
Cumulate	CUL
Dolomitic	DMT
Feldspathic	FEL
Feldspathoidal	FOI
Ferruginous	FER
Graphitic	GPT
Intermediate	ITM
Laminated	LMN
Lapilli	LPL
Layered	LAY
Leucocratic	LCC
Lithic	LTH
Mafic	MAF
Melanocratic	MEL
Meta	MET
Micaceous	MCA
Muddy	MDY
Mylonitic	MYC
Ortho	ORT
Para	PAR
Pebbly	PBY
Pelitic	PLC
Phosphatic	PHC
Porous	POR
Porphyritic	POP
Potassic	POT
Psammitic	PMC
Pyritic	PYR
Quartzo-feldspathic	QTF
Rhythmic-layered	RYM
Sandy	SDY
Sericitic	SEC
Siliceous	SIL
Silty	SLY
Sulphidic	SUD
Tholeiitic	THL
Trachy	TCY
Tuffaceous	TFC
Unwelded	UNW
Vitric	VTR
Welded	WEL

Qualifier	Code
Mineral qualifier	
Actinolite	ACT
Albite	ALB
Amphibole	AMP
Andalusite	AND
Anhydrite	ANH
Apatite	APT
Arsenopyrite	APY
Azurite	AZT
Barite	BRT
Beryl	BRL
Biotite	BTT
Bitumen	BIT
Bornite	BNT
Calc-silicate	CSI
Calcite	CAL
Carbonate	CAR
Cassiterite	CST
Celadonite	CEL
Chalcocite	CCT
Chalcopyrite	CCP
Chlorite	CLT
Chloritoid	CLD
Chromite	CHR
Clay mineral	CLM
Clinopyroxene	CPX
Clinozoisite	CZO
Cordierite	CRD
Corundum	COR
Covelite	CVL
Cuprite	CUP
Diopside	DIP
Dolomite	DOL
Epidote	EPD
Feldspar	FSP
Feldspathoid	FPD
Felsic	FLS
Fluorite	FLR
Galena	GLN
Garnet	GNT
Glauconite	GLT
Glaucophane	GLH
Goethite	GTH
Graphite	GRP
Gypsum	GYP
Haematite	HEM
Halite	HAL
Hornblende	HBL
Illite	ILL
Ilmenite	ILM
K-feldspar	KFS
Kaolinite	KLN
Kyanite	KYN
Magnesite	MGS

Qualifier	Code
Mineral qualifier	
Magnetite	MGT
Malachite	MAL
Manganese minerals	MAN
Marcasite	MCS
Mica	MIC
Microcline	MCC
Molybdenite	MOL
Monazite	MNZ
Muscovite	MSV
Olivine	OLV
Opal	OPL
Opaque mineral	OPQ
Orthopyroxene	OPX
Phlogopite	PHG
Phosphate	PHS
Plagioclase	PLG
Prehnite	PRH
Pumpellyite	PMP
Pyrite	PYT
Pyroxene	PYX
Pyrrhotite	POH
Quartz	QTZ
Rutile	RTL
Scheelite	SCL
Sericite	SER
Serpentine	SEP
Siderite	SDR
Siegenite	SGN
Sillimanite	SLL
Spessartine	SPS
Sphalerite	SPH
Spinel	SPN
Staurolite	STR
Stibnite	STB
Talc	TLC
Tourmaline	TOR
Tremolite	TRM
Uranium secondary	URS
Vermiculite	VRM
Wollastonite	WOL
Zeolite	ZEO

Alteration	Code
Albitic	AB
Alunitic	AL
Argillic	AR
Carbonate	CA
Chloritic	CH
Epidotised	EP
Greisen	GS
Hematitic	HM
Kaolinitic	KA
Potassic	PC
Propylitic	PR
Pyritic	PY
Sericitic	SE
Serpentinised	SP
Silicified	SI
Skarn	SK
Zeolitic	ZE
Fresh	W0
Slightly weathered	W1
Moderately weathered	W2
Highly weathered	W3

Colour	Code
Banded variable	A
Black	N
Brown	B
Buff	U
Dark	D
Green	V
Grey	G
Light	L
Mottled	M
Orange	O
Pink	K
Purple	P
Red	R
White	W
Yellow	Y
Blue	E
Tan	T

Mineralisation Abundances		Code
Trace	< 1 %	TR
Minor	1-3 %	MI
Moderate	3-10 %	MD
Major	10-20 %	MA
Abundant	> 20 %	AB

Igneous / Volcanic Rocks	
Andesite	ANT
Anorthosite	ANS
Aplite	APL
Basalt	BLT
Carbonatite	CBT
Charnockite	CHK
Chromitite	CRT
Dacite	DAC
Diorite	DRT
Dolerite	DLT
Dunite	DUN
Epiclastic	EPC
Fenite	FNT
Foidolite	FDL
Gabbro	GAB
Granite	GRT
Granodiorite	GRD
Hazburgite	HZB
Hornblendite	HBT
Ignimbrite	IGM
Kimberlite	KBL
Lamproite	LPR
Lamprophyre	LPY
Latite	LTT
Monzonite	MZT
Norite	NTR
Obsidian	OBS
Ophiolite	OPH
Peridotite	PER
Picrite	PCT
Porphyry	PHY
Pyroclastic	PYC
Pyroxenite	PRX
Quartz granitoid	QZG
Rhyolite	RHY
Shonkinite	SNK
Spillite	SPL
Syenite	SYN
Tonalite	TNL
Trachyite	TRC
Tuff	TUF
Ultramafic	ULM

Sedimentary rocks	
Arenite	ARN
Argillite	ARG
Arkose	ARK
Boulder	BLD
Carbonaceous rock	CBN
Carbonate rock	CBR
Chalk	CHL
Chert	CHT
Clastic rock	CLR
Clay	CLY
Claystone	CLS
Conglomerate	CNG
Dolomite	DLM
Evaporite	EVP
Gravel	GVL
Greenite	GRE
Greywacke	GYW
Ironstone	IRS
Limestone	LMS
Marl	MAR
Mud	MUD
Mudstone	MDS
Organic sediment	ORS
Pebble	PBL
Peperite	PEP
Phosphorite	PHP
Pinkite	PNK
Porcellanite	PCL
Sand	SND
Sandstone	SDS
Shale	SHL
Siltstone	SST
Till	TLL
Travertine	TRV

Metamorphic Rocks	
Amphibolite	AML
Eclogite	EGL
Gneiss	GNS
Granofels	GFL
Greisen	GRS
Granulite	GRN
Hornfels	HFL
Marble	MBL
Migmatite	MIG
Metasomatite	MTS
Mylonite	MYL
Phylllite	PHL
Quartzite	QZT
Quartz rock	QZR
Schist	SCH
Skarn	SKN
Serpentinite	SRP

Regolith / general	
Bauxite	BAU
Breccia	BRX
Calcrete	CLC
Ferricrete	FEC
Grus	GRU
Gossan	GOS
Laterite	LAT
Silcrete	SLC
Rock	RCK

APPENDIX II

Walgundu Project Area
EL 8784 Gibb Bluff
EL 9185 Mt Vizard

Soil Sample Ledgers and Assay Results

RIO TINTO EXPLORATION PTY. LIMITED : SOIL SAMPLE LEDGER

EL NUMBER 8784 **1:250,000 MAPSHEET** URAPUNGA SD5310 **DATE** 6/3/98 **TECTONIC DOMAIN** Mcarthur Basin
EL NAME GIBB BLUFF **1:100,000 MAPSHEET** URAPUNGA 5868 **LAB** ASSAYCOR

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
5475301	483000	8338400	53	-20#	YB	50						5475301 (was 6016451)
5475302	483000	8338200	53	-20#	LK	35					SND	bottom of hole in QTZ SDS - 5475302(was 6016452)
5475303	483000	8338000	53	-20#	TB	50						5475303(was 6016453)
5475304	476000	8345300	53	-20#	OB	50		Pnk				
5475305	476000	8345400	53	-20#	GB	25		Pnk			CHT/QTZ	abundant quartz and chert fragments in top 25cm
5475306	476000	8345500	53	-20#	YB	40		Pnk				over old drill site rab149
5475307	476000	8345600	53	-20#	LB	15		Pnk				abundant chert and ferruginous fragments - could not use auger
5475308	476000	8345700	53	-20#	T	25		Pnk				pisolites
5475309	476000	8345800	53	-20#	B	20		Pnk				abundant ferruginous and cherty fragments in soil
5475310	476000	8345900	53	-20#	T	45		Pnk				
5475311	476000	8346000	53	-20#	LT	55		Pnk				site of old RAB hole 148
5475312	476000	8346100	53	-20#	CB	40		Pnk			SST	abundant silicified white Nagi siltstone float
5475313	476000	8344300	53	-20#	C	35		Pnk				
5475314	476000	8343900	53	-20#	C	30		Pnk			SST/BRX	" abundant brecciated, silicified laminated siltstone with quartz veining "
5475315	476000	8343800	53	-20#	LG	20		Pnk			CHT	laminated stromatolitic chert after siltstone/shale
5475316	476000	8343700	53	-20#	G	15		Pnk			CHT	brecciated silicified siltstone/shale-brecciated in parts-some small rockchips used in sample
5475317	476000	8343600	53	-20#	G	15		Pnk			CHT	laminated chert after siltstone/shale-brecciated in parts
5475318	476000	8343500	53	-20#	LR	40			R			SILICIFIED Pnk
5475319	476000	8343400	53	-20#	LR	40			R			
5475320	476000	8343200	53	-20#	T	40			R			
5475321	476000	8343000	53	-20#	T	45			R?			
5475322	476000	8342800	53	-20#	LT	25			T?			
5475323	476000	8342600	53	-20#	TB	25			T?			
5475324	476000	8342400	53	-20#	T	50			T		PIS	
5475325	476000	8342200	53	-20#	LR	40			R			Pnb

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
5475326	476000	8342100	53	-20#	LK	30			R			Pnb
5475327	473000	8343900	53	-20#	RB	60	SDS		R			
5475328	473000	8344000	53	-20#	RB	50	SDS		R			Pnb
5475329	473000	8344100	53	-20#	OB	45			R			
5475330	473000	8344200	53	-20#	OB	60			R			
5475331	473000	8344300	53	-20#	RB	50			R			
5475332	473000	8344400	53	-20#	RB	50			T?			
5475333	473000	8344500	53	-20#	B	10			R			
5475334	473000	8344600	53	-20#	TB	40			R?			
5475335	473000	8344700	53	-20#	TB	40			R			
5475336	473000	8344800	53	-20#	LT	15			R		Pvn SST	
5475337	473000	8344900	53	-20#	LT	20	PNK		R			
5475338	474000	8344700	53	-20#	LOB	40			R?			
5475339	474000	8344800	53	-20#	T	40			T?			LAG AND WHITE LEACHED SST
5475340	474000	8344900	53	-20#	GB	15			T			
5475341	474000	8345000	53	-20#	GB	20			T?			
5475342	474000	8345100	53	-20#	KB	60			T			
5475343	474000	8345200	53	-20#	K	100			T			
5475344	474000	8345300	53	-20#	LKB	65			T			
5475345	474000	8345400	53	-20#	KB	60			T			
5475347	474000	8345600	53	-20#	OB	40			R		PIS	
5475348	474000	8345700	53	-20#	LB	20			R		DOL SST	
5475349	474000	8345800	53	-20#	OB	40			R			
5475350	474000	8345900	53	-20#	OB	40			R			
5475351	474000	8346000	53	-20#	OB	35		Pnk				
5475352	474000	8346100	53	-20#	OB	35		Pnk				
5475353	474000	8346200	53	-20#	OB	30		Pnk				
5475354	474000	8346300	53	-20#	OB	40		Pnk				
5475355	474000	8346400	53	-20#	LTB	40		Pnk				
5475356	474000	8346500	53	-20#	B	40		Pnk				"Over Pvn, COLOUR CHANGE."
5475357	474000	8346600	53	-20#	B	20		Pnk			CHT	STROMATOLITIC CHERT
5475371	472400	8347000	53	-20#	LTB	20		Pvv?				
5475374	473000	8347000	53	-20#	LT	15		Pvn			CHT	"strom, Pvn"
5475375	473200	8347000	53	-20#	T	35		Pvn				

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
5475376	473400	8347000	53	-20#	GB	15		Pvn				
5475401	475000	8344600	53	-20#+40#	OB	30		Pnk			Pnk	NEAR HOLE 212
5475402	475000	8344600	53	-80#	OB	30		Pnk			Pnk	NEAR HOLE 212
5475403	475000	8344600	53	SL	OB	30		Pnk			Pnk	NEAR HOLE 212
5475404	475000	8344700	53	-20#+40#	BG	15		Pnk			Pnk	HOLE 213
5475405	475000	8344700	53	-80#	BG	16		Pnk			Pnk	HOLE 213
5475406	475000	8344700	53	SL	BG	17		Pnk			Pnk	HOLE 213
5475407	475000	8344800	53	-20#+40#	C	30		Pnk				HOLE 173
5475408	475000	8344800	53	-80#	C	30		Pnk				HOLE 173
5475409	475000	8344800	53	SL	C	30		Pnk				HOLE 173
5475410	475000	8345000	53	-20#+40#	C	30		Pnk				HOLE 171
5475411	475000	8345000	53	-80#	C	30		Pnk				HOLE 171
5475412	475000	8345000	53	SL	C	30		Pnk				HOLE 171
5475413	475000	8345200	53	-20#+40#	C	30		Pnk				HOLE 169
5475414	475000	8345200	53	-80#	C	30		Pnk				HOLE 169
5475415	475000	8345200	53	SL	C	30		Pnk				HOLE 169
5475416	475000	8344500	53	-20#+40#	OB	30		Pnk				HOLE 214 ON TRACK
5475417	475000	8344500	53	-80#	OB	30		Pnk				HOLE 214 ON TRACK
5475418	475000	8344500	53	SL	OB	30		Pnk				HOLE 214 ON TRACK
5475419	475000	8344400	53	-20#+40#	OB	30		Pnk			CHT	HOLE 194
5475420	475000	8344400	53	-80#	OB	30		Pnk			CHT	HOLE 194
5475421	475000	8344400	53	SL	OB	30		Pnk			CHT	HOLE 194
5475422	475000	8344300	53	-20#+40#	RB	30		Pnk				HOLE 195
5475423	475000	8344300	53	-80#	RB	30		Pnk				HOLE 195
5475424	475000	8344300	53	SL	RB	30		Pnk				HOLE 195
5475425	475000	8344200	53	-20#+40#	PB	30		Pnk			CHT	HOLE 190
5475426	475000	8344200	53	-80#	PB	30		Pnk			CHT	HOLE 190
5475427	475000	8344200	53	SL	PB	30		Pnk			CHT	HOLE 190
5475428	475000	8344100	53	-20#+40#	PB	30						
5475429	475000	8344100	53	-80#	PB	30						
5475430	475000	8344100	53	SL	PB	30						
5475431	475000	8344000	53	-20#+40#	RB	30						
5475432	475000	8344000	53	-80#	RB	30						
5475433	475000	8344000	53	SL	RB	30						

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
5475434	475000	8343800	53	-20#+40#	GB	30						
5475435	475000	8343800	53	-80#	GB	30						
5475436	475000	8343800	53	SL	GB	30						
5475437	475000	8343600	53	-20#+40#	GB	30						
5475438	475000	8343600	53	-80#	GB	30						
5475439	475000	8343600	53	SL	GB	30						
5475440	475000	8343400	53	-20#+40#	GB	30		Pnb			SDS	
5475441	475000	8343400	53	-80#	GB	30		Pnb			SDS	
5475442	475000	8343400	53	SL	GB	30		Pnb			SDS	
5475443	475000	8345400	53	-20#+40#	GB	30		Pnk				
5475444	475000	8345400	53	-80#	GB	30		Pnk				
5475445	475000	8345400	53	SL	GB	30		Pnk				
5475551	475000	8344600	53	-20#+40#	OB	10		Pnk			Pnk	HgSAMPLE
5475552	475000	8344700	53	-20#+40#	BG	18		Pnk			Pnk	HgSAMPLE
5475553	475000	8344800	53	-20#+40#	C	30		Pnk				HgSAMPLE
5475554	475000	8345000	53	-20#+40#	C	30		Pnk				Hg SAMPLE
5475555	475000	8345200	53	-20#+40#	C	30		Pnk				Hg SAMPLE
5475556	475000	8344500	53	-20#+40#	OB	30		Pnk				Hg SAMPLE
5475557	475000	8344400	53	-20#+40#	OB	30		Pnk			CHT	Hg SAMPLE
5475558	475000	8344300	53	-20#+40#	RB	30		Pnk				Hg SAMPLE
5475559	475000	8344200	53	-20#+40#	PB	30		Pnk			CHT	Hg SAMPLE
5475560	475000	8344100	53	-20#+40#	PB	30		Pnk				Hg SAMPLE
5475561	475000	8344000	53	-20#+40#	RB	30		Pnk				Hg SAMPLE
5475562	475000	8343800	53	-20#+40#	GB	30		Pnk				Hg SAMPLE
5475563	475000	8343600	53	-20#+40#	GB	30		Pnb			SDS	Hg SAMPLE
5475564	475000	8343400	53	-20#+40#	GB	30		Pnb			SDS	Hg SAMPLE
5475565	475000	8345400	53	-20#+40#	GB	30		Pnb				Hg SAMPLE
5475566	478100	8342050	53	-20#	GB	20	CHTBRX	Pnk				Residual
5475567	478200	8342050	53	-20#	OB	20	CHTBRX/FE	Pnk				Residual
5475568	478300	8342050	53	-20#	LOB	30	SSTBRX/SI	Pnk				Residual
5475569	478380	8342050	53	-20#	LG	20	QTZSDS	Pny				Residual
5475570	472374	8345624	53	-20#	LTB	40					PNK	
5475571	472345	8345600	53	-20#	OB	30					SST	Float of silicified SST
5475572	472286	8345557	53	-20#	TB	30					SST	Pink SST fragments

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
5475573	472273	8345514	53	-20#	TLB	55						SST fragments (scree?)
5475574	472240	8345486	53	-20#	OBR	50						Cherty fragments of SST
5475575	472173	8345423	53	-20#	OBR	30						Cherty SST fragments
5475576	472147	8345421	53	-20#	OBR	20						laterite base transported
5475591	476000	8368000	53	-20#	RB	40					PIS	
5475592	475900	8368000	53	-20#	RB	20					PIS	
5475593	475800	8368000	53	-20#	RB	20					PIS	
5475594	475700	8368000	53	-20#	OB	20					PIS	
5475595	475600	8368000	53	-20#	OB	25						
5475596	475500	8368000	53	-20#	OB	20						
5475597	475400	8368000	53	-20#	OB	20						
5475598	475300	8368000	53	-20#	TB	20						
5475599	475200	8368000	53	-20#	LG	20					SDS	Pnw
5475600	475100	8368000	53	-20#	T	15					OO SDS	Pnw
6016101	479000	8344000	53	-20#	O/BR	30		Pvn			PVN	" Lge outcrop of sil, reworked Pvn Pinkite 30m N "
6016102	479000	8343800	53	-20#	G	10		Pvv?			PVV	Good outcrop of flaggy Fe stained sil siltstone.
6016103	479000	8343600	53	-20#	O/BR	20		Pny?				On Yalwarra ? due to vegetation.
6016104	479000	8343400	53	-20#	BR	10		Pny			PNY	
6016105	479000	8343200	53	-20#	R/BR	25						Scattered lag
6016106	479000	8343000	53	-20#	O/BR	20						Fragments of Fe cemented sds with carb. nodules.
6016107	479000	8342800	53	-20#	O/BR	20						
6016108	479000	8342600	53	-20#	BR	10					PNK	" Pale sil sts nearby, Pnk ? "
6016109	479000	8342400	53	-20#	R/BR	25						
6016110	479000	8342200	53	-20#	R/BR	25						
6016111	479000	8342000	53	-20#	R/BR	25						
6016112	479000	8341800	53	-20#	O/BR	30						
6016113	479000	8341600	53	-20#	O/BR	30						
6016114	479000	8341400	53	-20#	O/R/BR	25						
6016115	479000	8341200	53	-20#	O/BR	30						
6016116	479000	8341000	53	-20#	O/R/BR	25						
6016117	479000	8340800	53	-20#	O/BR	30						Local laterite contains slt fragments ~5mm.
6016118	479000	8340600	53	-20#	O/BR	30						
6016119	479000	8340400	53	-20#	O/BR	30						
6016120	479000	8340200	53	-20#	R/BR	35						

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6016121	479000	8340000	53	-20#	Y/BR	30						
6016122	480000	8344000	53	-20#	O/R/BR	40						
6016123	480000	8343800	53	-20#	O/BR	25						
6016124	480000	8343600	53	-20#	Y/BR	10						" Alluvial?, Fe stained at ~1m depth. "
6016125	480000	8343400	53	-20#	Y/BR	10						
6016126	480000	8343200	53	-20#	O/BR	40						
6016127	480000	8343000	53	-20#	O/BR	20						
6016128	480000	8342800	53	-20#	R/BR	30						
6016129	480000	8342600	53	-20#	O/BR	30						
6016130	480000	8342400	53	-20#	R/BR	25						
6016131	480000	8342200	53	-20#	R/O	15						
6016132	480000	8342000	53	-20#	R/O	15						
6016133	480000	8341800	53	-20#	R/O	15						
6016134	480000	8341600	53	-20#	O/BR	30						
6016135	480000	8341400	53	-20#	Y/BR	30						
6016136	480000	8341200	53	-20#	Y/BR	30						Many rounded pisolites in sample hole.
6016137	480000	8341000	53	-20#	Y/BR	30						
6016138	480000	8340800	53	-20#	O/BR	30						
6016139	480000	8340600	53	-20#	R/BR	30						Above laterite?
6016140	480000	8340400	53	-20#	R/BR	30						Above laterite?
6016141	480000	8340200	53	-20#	R/BR	30						Above laterite?
6016142	481000	8344000	53	-20#	O/R/BR	40						
6016143	481000	8343800	53	-20#	BR	40						
6016144	481000	8343600	53	-20#	R/BR	30						
6016145	481000	8343400	53	-20#	R/O	50						
6016146	481000	8343200	53	-20#	BR	15						" Sample taken above ferricrete, no colour change. "
6016147	481000	8343000	53	-20#	BR	50						
6016148	481000	8342800	53	-20#	O/BR	30						
6016149	481000	8342600	53	-20#	R/BR	40						
6016150	481000	8342400	53	-20#	R/BR	40						
6016151	481000	8342200	53	-20#	R	40						
6016152	481000	8342000	53	-20#	R	40						
6016153	481000	8341800	53	-20#	Y	60						
6016154	481000	8341600	53	-20#	R	75						

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6016155	481000	8341400	53	-20#	Y	150						
6016156	481000	8341200	53	-20#	GR	80						
6016157	481000	8341000	53	-20#	Y	80						
6016158	481000	8340800	53	-20#	R/O	50						
6016159	481000	8340600	53	-20#	BR	60						
6016160	481000	8340400	53	-20#	Y	60						
6016161	481000	8340200	53	-20#	R/BR	60						
6016162	481000	8340000	53	-20#	R	60						
6016163	482000	8344000	53	-20#	GR	40						
6016164	482000	8343800	53	-20#	O	60						
6016165	482000	8343600	53	-20#	Y	75						
6016166	482000	8343400	53	-20#	R	70						
6016167	482000	8343200	53	-20#	O	55						
6016168	482000	8343000	53	-20#	BR	40						
6016169	482000	8342800	53	-20#	O							
6016170	482000	8342600	53	-20#	R/BR	40						
6016171	482000	8342400	53	-20#	R/BR	40						
6016172	482000	8342200	53	-20#	R/BR	40						
6016173	482000	8342000	53	-20#	R	50						
6016174	482000	8341800	53	-20#	BR	40						
6016175	482000	8341600	53	-20#	R	30						
6016176	482000	8341400	53	-20#	O/R	40						
6016177	482000	8341200	53	-20#	Y	40						
6016178	482000	8341000	53	-20#	BR	40						
6016179	482000	8340800	53	-20#	R	80						
6016180	482000	8340600	53	-20#	G	80						
6016181	482000	8340400	53	-20#	Y	50						
6016182	482000	8340200	53	-20#	LY							
6016183	482000	8340000	53	-20#	O	50						
6016184	482000	8339800	53	-20#	G	40						
6016185	482000	8339600	53	-20#	O	40						
6016186	482000	8339400	53	-20#	O	10						
6016187	482000	8339200	53	-20#	O/R	30						
6016188	482000	8339000	53	-20#	O	30						

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6016189	484000	8344000	53	-20#	R	40						
6016190	484000	8343800	53	-20#	G	30						
6016191	484000	8343600	53	-20#	R	40						
6016192	484000	8343400	53	-20#	G/R	30						
6016193	484000	8343200	53	-20#	Y	60						
6016194	484000	8343000	53	-20#	O	40						
6016195	484000	8342800	53	-20#	O	30						
6016196	484000	8342600	53	-20#	O	60						
6016197	484000	8342400	53	-20#	O	40						
6016198	484000	8342200	53	-20#	O	40						
6016199	484000	8342000	53	-20#	LY	60						
6016200	484000	8341800	53	-20#	Y	50						
6016201	484000	8341600	53	-20#	Y	40						
6016202	484000	8341400	53	-20#	W	50						
6016203	484000	8341200	53	-20#	W	60						
6016204	484000	8341000	53	-20#		50						
6016205	484000	8340800	53	-20#	Y	40						
6016206	484000	8340600	53	-20#	R	40						
6016207	484000	8340400	53	-20#	Y	40						
6016208	484000	8340200	53	-20#	O	40						
6016209	484000	8340000	53	-20#	G	20						
6016210	484000	8339800	53	-20#	Y	4						
6016211	484000	8339600	53	-20#	Y	40						
6016212	484000	8339400	53	-20#	Y/O	40						
6016213	484000	8339200	53	-20#	R	40						
6016214	484000	8339000	53	-20#	Y	25						
6016215	484000	8338800	53	-20#	Y	25						
6016216	484000	8338600	53	-20#	Y/O	60						
6016217	484000	8338400	53	-20#	O	70						
6016218	484000	8338200	53	-20#	W	20						
6016219	484000	8338000	53	-20#	LY	30						
6016220	484000	8337800	53	-20#	W/O	40						
6016221	484000	8337600	53	-20#	G	25						
6016222	484000	8337400	53	-20#	G	40						

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6016223	484000	8337200	53	-20#	G/W	40						
6016224	484000	8337000	53	-20#	LY	40						
6016225	486000	8344000	53	-20#	R	40						
6016226	486000	8343800	53	-20#	R	40						
6016227	486000	8343600	53	-20#	R	40						
6016228	486000	8343400	53	-20#	R	30						
6016229	486000	8343200	53	-20#	R	40						
6016230	486000	8343000	53	-20#		50						
6016231	486000	8342800	53	-20#	R	40						
6016232	486000	8342600	53	-20#		50						
6016233	486000	8342400	53	-20#	R	45						
6016234	486000	8342200	53	-20#	R	25						
6016235	486000	8342000	53	-20#	R	40						
6016236	486000	8341800	53	-20#	R	50						
6016237	486000	8341600	53	-20#	R	30						
6016238	486000	8341400	53	-20#	R	60						
6016239	486000	8341200	53	-20#	R	60						
6016240	486000	8341000	53	-20#	R	30						
6016241	486000	8340800	53	-20#	R	40						
6016242	486000	8340600	53	-20#	R	30						
6016243	486000	8340400	53	-20#	R	20						
6016244	486000	8340200	53	-20#	O	30						
6016245	486000	8340000	53	-20#	G	30						
6016246	486000	8339800	53	-20#	R	50						
6016247	486000	8339600	53	-20#	Y	50						
6016248	486000	8339400	53	-20#	LY	40						
6016249	486000	8339200	53	-20#	LO	50						
6016250	486000	8339000	53	-20#	O	50						
6016251	486000	8338800	53	-20#	O	40						
6016252	486000	8338600	53	-20#	O	40						
6016253	486000	8338400	53	-20#	O	40						
6016254	486000	8338200	53	-20#	LO	30						
6016255	486000	8338000	53	-20#	LY	60						
6016256	486000	8337800	53	-20#	LO	35						

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6016257	486000	8337600	53	-20#	LY	40						
6016258	486000	8337400	53	-20#	LO	45						
6016259	486000	8337200	53	-20#	LY	40						
6016260	486000	8337000	53	-20#	LO	30						
6016261	486000	8336800	53	-20#	O	45						
6016262	486000	8336600	53	-20#	LB	35						
6016263	486000	8336400	53	-20#	LO	20						
6016264	486000	8336200	53	-20#	O	15						
6016265	486000	8336000	53	-20#	LY	40						
6016266	488000	8342600	53	-20#	RB	30						
6016267	488000	8342400	53	-20#	RB	50						
6016268	488000	8342200	53	-20#	RB	50						
6016269	488000	8342000	53	-20#	RB	40						
6016270	488000	8341800	53	-20#	OB	40						
6016271	488000	8341600	53	-20#	B	60						
6016272	488000	8341400	53	-20#	RB	50						
6016273	488000	8341200	53	-20#	G	30						
6016274	488000	8341000	53	-20#	O	80						
6016275	488000	8340800	53	-20#	GB	30						
6016276	488000	8340600	53	-20#	O	40						
6016277	488000	8340400	53	-20#	O	40						
6016278	488000	8340200	53	-20#	RB	40						
6016279	488000	8340000	53	-20#	OB	30						
6016280	488000	8339800	53	-20#	OB	50						
6016281	488000	8339600	53	-20#	OB	60						
6016282	488000	8339400	53	-20#	OB	70						
6016283	488000	8339200	53	-20#	OB	60						
6016284	488000	8339000	53	-20#	OB	60						
6016285	488000	8338800	53	-20#	B	40						
6016286	488000	8338600	53	-20#	LB	45						
6016287	488000	8338400	53	-20#	YB	40						
6016288	488000	8338200	53	-20#	Y	40						
6016289	488000	8338000	53	-20#	DB	40						
6016290	488000	8337800	53	-20#	LY	45						

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6016291	488000	8337600	53	-20#	LB	45						
6016292	488000	8337400	53	-20#	LY	40						
6016293	488000	8337200	53	-20#	Y	30						
6016294	488000	8337000	53	-20#	Y	40						
6016295	488000	8336800	53	-20#	Y	40						
6016296	488000	8336600	53	-20#	Y	50						
6016297	488000	8336400	53	-20#	LY	30						
6016298	488000	8336200	53	-20#	LY	40						
6016299	488000	8336000	53	-20#	GY	30						
6016341	485000	8344000	53	-20#	O							
6016342	485000	8343800	53	-20#	O							
6016343	485000	8343600	53	-20#	Y	20						
6016344	485000	8343400	53	-20#	G	20						
6016345	485000	8343200	53	-20#	Y	2						
6016346	485000	8343000	53	-20#	O							
6016347	485000	8342800	53	-20#	O	20						
6016348	485000	8342600	53	-20#	Y	20						
6016349	485000	8342400	53	-20#	Y	20						
6016350	485000	8342200	53	-20#	Y	30						
6016351	485000	8342000	53	-20#	Y	10						
6016352	485000	8341800	53	-20#	R	20						
6016353	485000	8341600	53	-20#	R	15						
6016354	485000	8341400	53	-20#	R	20						
6016355	485000	8341200	53	-20#	R							
6016356	485000	8341000	53	-20#	G	20						
6016357	485000	8340800	53	-20#	LY	10						
6016358	485000	8340600	53	-20#	Y	15						
6016359	485000	8340400	53	-20#	R							
6016360	485000	8340200	53	-20#	R	20						
6016361	485000	8340000	53	-20#	G	10						
6016362	485000	8339800	53	-20#	G	15						
6016363	485000	8339600	53	-20#	Y	10						
6016364	485000	8339400	53	-20#	Y	10						
6016365	485000	8339200	53	-20#	Y							

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6016366	485000	8339000	53	-20#	O	10						
6016367	485000	8338800	53	-20#	O	10						
6016368	485000	8338600	53	-20#	Y							
6016369	485000	8338400	53	-20#	Y	20						
6016370	485000	8338200	53	-20#	G	10						
6016371	485000	8338000	53	-20#	Y	10						
6016372	485000	8337800	53	-20#	G	10						
6016373	485000	8337600	53	-20#	G	10						
6016374	485000	8337400	53	-20#	G	20						
6016375	485000	8337200	53	-20#	O	20						
6016376	485000	8337000	53	-20#	Y	20						
6016377	485000	8336800	53	-20#	Y	20						
6016378	485000	8336600	53	-20#	Y	20						
6016379	485000	8336400	53	-20#	Y	20						
6016380	485000	8336200	53	-20#	Y	20						GRAVEL
6016381	485000	8336000	53	-20#	Y	20						GRAVEL
6016382	483000	8344000	53	-20#	LG	20						
6016383	483000	8343800	53	-20#	Y	20						
6016384	483000	8343600	53	-20#	Y	20						
6016385	483000	8343400	53	-20#	O	20						
6016386	483000	8343200	53	-20#	O							
6016387	483000	8343000	53	-20#	O	20						
6016388	483000	8342800	53	-20#	O							
6016389	483000	8342600	53	-20#	O							GRAVEL
6016390	483000	8342400	53	-20#	Y	10						GRAVEL
6016391	483000	8342200	53	-20#	Y	20						GRAVEL
6016392	483000	8342000	53	-20#	Y	20						
6016393	483000	8341800	53	-20#	Y	10						
6016394	483000	8341600	53	-20#	Y	20						
6016395	483000	8341400	53	-20#	Y	20						
6016396	483000	8341200	53	-20#	Y	20						
6016397	483000	8341000	53	-20#	G							
6016398	483000	8340800	53	-20#	LB	20						
6016399	483000	8340600	53	-20#	Y	10						GRAVEL

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6016400	483000	8340400	53	-20#	Y	10						
6016401	487000	8344000	53	-20#	LO/B	30						
6016402	487000	8343800	53	-20#	YB	25						
6016403	487000	8343600	53	-20#	B	25						
6016404	487000	8343400	53	-20#	OB	25						
6016405	487000	8343200	53	-20#	B	25						
6016406	487000	8343000	53	-20#	GB	15						
6016407	487000	8342800	53	-20#	OB	30						
6016408	487000	8342600	53	-20#	OB	30						
6016409	487000	8342400	53	-20#	GB	50						
6016410	487000	8342200	53	-20#	G	50						
6016411	487000	8342000	53	-20#	OB	20						
6016412	487000	8341800	53	-20#	DOB	25						
6016413	487000	8341600	53	-20#	LB	25						FE-OXIDES AND Mn ABUNDANT
6016414	487000	8341400	53	-20#	R	30						
6016415	487000	8341200	53	-20#	LB	30						
6016416	487000	8341000	53	-20#	LB	25						
6016417	487000	8340800	53	-20#	G	40						
6016418	487000	8340600	53	-20#	LB	30						
6016419	487000	8340400	53	-20#	B	30						
6016420	487000	8340200	53	-20#	B	25						
6016421	487000	8340000	53	-20#	B	25						
6016422	487000	8339800	53	-20#	GB	25					FG/QTZ/ SDS	
6016423	487000	8339600	53	-20#	LR/G	70						ABUNDANT ROUNDED PEBBLES
6016424	487000	8339400	53	-20#	GB	40						
6016425	487000	8339200	53	-20#	T	70						
6016426	487000	8339000	53	-20#	T	60						
6016427	487000	8338800	53	-20#	RB	50						
6016428	487000	8338600	53	-20#	T	60						
6016429	487000	8338400	53	-20#	LT	50						
6016430	487000	8338200	53	-20#	LB	40						
6016431	487000	8338000	53	-20#	OB	20						FE LAG ABUNDANT
6016432	487000	8337800	53	-20#	LT	40						

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6016433	487000	8337600	53	-20#	OB	40						
6016434	487000	8337400	53	-20#	TB	60						
6016435	487000	8337200	53	-20#	LR	30					QTZ/SDS	
6016436	487000	8337000	53	-20#	TB	30						
6016437	487000	8336800	53	-20#	LR	40					LAT	
6016438	487000	8336600	53	-20#	LTB	70						
6016439	487000	8336400	53	-20#	LB	30						
6016440	487000	8336200	53	-20#	OB	60						
6016441	487000	8336000	53	-20#	TB	40					PISOLITIC	
6016442	483000	8340200	53	-20#	Y	10						
6016443	483000	8340000	53	-20#	Y	20						
6016444	483000	8339800	53	-20#	O	20						
6016445	483000	8339600	53	-20#	Y							
6016446	483000	8339400	53	-20#	Y	10						
6016447	483000	8339200	53	-20#	B	20						
6016448	483000	8339000	53	-20#	B	20						
6016449	483000	8338800	53	-20#	LK	40						
6016450	483000	8338600	53	-20#	LB	40						
6018401	480000	8353560	53	-20#	OBR	40		Pnk				Near base of Pny SDS
6018402	480000	8353460	53	-20#	GB	30		Pnk				Pisolitic
6018403	480000	8353360	53	-20#	OB	30		Pnk				Cherty Pnk
6018404	480000	8353260	53	-20#	OB	30		Pnk				Cherty Pnk
6018405	480000	8353160	53	-20#	LGB	25		Pnk				
6018406	480000	8353060	53	-20#	LB	20		Pnk				Pnk
6018407	480000	8352960	53	-20#	LB	10		Pnk				Pnk
6018408	480000	8352860	53	-20#	LB	30		Pnk				Pnk
6018409	480000	8352760	53	-20#	LB	25		Pnk				Pnk
6018410	480000	8352660	53	-20#	LB	20		Pnk				Oolitic Pnk sandy SST
6018411	480000	8352560	53	-20#	LB	30		Pnk				Oolitic Pnk sandy SST
6018412	480000	8352460	53	-20#	LB	30		Pnk				Pnk
6018413	476200	8354500	53	-20#	LB	40		Pnk				
6018414	476300	8354500	53	-20#	B	40		Pnk				
6018415	476400	8354500	53	-20#	OB	30		Pnk				
6018416	476500	8354500	53	-20#	LB	30		Pnk				

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6018417	476600	8354500	53	-20#	LB	35		Pnk				
6018418	476700	8354500	53	-20#	LY	35		Pnk				
6018419	476800	8354500	53	-20#	LG	15		Pnk				
6018420	476900	8354500	53	-20#	LR	15		Pnk				
6018421	477000	8354500	53	-20#	B	15		Pnk				
6018422	477100	8354500	53	-20#	B	20		Pnk				
6018423	477200	8354500	53	-20#	B	20		Pnk				
6018424	477300	8354500	53	-20#		20		Pnk				Pny CONGLOMERATE SDS
6018425	480000	8352300	53	-20#	LB	20		Pnk				
6018426	480000	8352200	53	-20#	LB	45		Pnk				
6018427	480000	8352100	53	-20#	LB	35		Pnk				
6018428	480000	8352000	53	-20#	LB	40		Pnk				
6018429	480000	8351900	53	-20#	Y	40		Pnk				
6018430	480000	8351800	53	-20#	LB	25		Pnk				
6018431	480000	8351700	53	-20#	LO	40		Pnk				
6018432	480000	8351600	53	-20#	LO	30		Pnk				
6018433	480000	8351500	53	-20#	LO	30		Pnk				
6018434	482000	8352100	53	-20#	B	30		Pnk				
6018435	482000	8352000	53	-20#	B	20		Pnk				
6018436	482000	8351900	53	-20#	LR	20		Pnk				
6018437	482000	8351800	53	-20#	LB	15		Pnk				
6018438	482000	8351700	53	-20#	LY	20		Pnk				
6018439	482000	8351600	53	-20#	LY	20		Pnk				
6018440	482000	8351500	53	-20#	LB	10		Pnk				
6018441	482000	8351400	53	-20#	LR	20		Pnk				
6018442	482000	8351300	53	-20#	O	10		Pnk				
6018443	482000	8351200	53	-20#	LB	20		Pnk				
6018444	482000	8351100	53	-20#	LY	20		Pnk				
6018445	482000	8351000	53	-20#	LO	10		Pnk				
6018446	482000	8350900	53	-20#	LO	15		Pnk				
6018447	482000	8350800	53	-20#	LY	15		Pnk				
6018448	482000	8350700	53	-20#	LO	15		Pnk				
6018449	482000	8350600	53	-20#	LO	15		Pnk				
6018450	482000	8350500	53	-20#	LO	15		Pnk				

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6018451	482000	8350400	53	-20#	LB	15		Pnk				
6018452	482000	8350300	53	-20#	LO	15		Pnk				
6018453	482000	8350200	53	-20#	LB	15		Pnk				
6018454	482000	8350100	53	-20#	G	20		Pnk				
6018455	482000	8350000	53	-20#	LG	10		Pnk				
6018456	482000	8349900	53	-20#	B	15		Pnk				
6018457	482000	8349800	53	-20#	G	15		Pnk				
6018458	482000	8349700	53	-20#	LB	20		Pnk				
6018459	482000	8349600	53	-20#	B	20		Pnk				
6018460	482000	8349500	53	-20#	R	15		Pnk				
6018461	482000	8349400	53	-20#	R	15		Pnk				
6018462	484000	8352000	53	-20#	B	20		Pnk				
6018463	484000	8351900	53	-20#	B	30		Pnk				
6018464	484000	8351800	53	-20#	B	40		Pnk				
6018465	484000	8351700	53	-20#	LB	30		Pnk				
6018466	484000	8351600	53	-20#	DO	30		Pnk				
6018467	484000	8351500	53	-20#	OB	30		Pnk				
6018468	484000	8351400	53	-20#	LB	20		Pnk				
6018469	484000	8351300	53	-20#	O	30		Pnk				
6018470	484000	8351200	53	-20#	O	30		Pnk				
6018471	484000	8351100	53	-20#	O	30		Pnk				
6018472	484000	8351000	53	-20#	LB	20		Pnk				
6018473	484000	8350900	53	-20#	YB	10		Pnk				
6018474	484000	8350800	53	-20#	RB	15		Pnk				
6018475	484000	8350700	53	-20#	B	10		Pnk				
6018476	484000	8350600	53	-20#	DB	20		Pnk				
6018477	484000	8350500	53	-20#	N	15		Pnk				
6018478	484000	8350400	53	-20#	GW	20		Pnk				
6018479	484000	8350300	53	-20#	LO	20		Pnk				
6018480	484000	8350200	53	-20#	LO	60		Pnk				
6018481	484000	8350100	53	-20#	R	40		Pnk				
6018482	484000	8350000	53	-20#	O	60		Pnk				
6018483	484000	8349900	53	-20#	O	50		Pnk				
6018484	484000	8349800	53	-20#	O	60		Pnk				

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6018485	484000	8349700	53	-20#	LO	15		Pnk				
6018486	484000	8349600	53	-20#	LB	15		Pnk				
6018487	484093	8348947	53	-20#	LB	10		Pnk				
6018488	484011	8348912	53	-20#	LY	40		Pnk				
6018489	483930	8348878	53	-20#	LO	50		Pnk				
6018490	483848	8348843	53	-20#	LR	50		Pnk				
6018491	483767	8348808	53	-20#	LR	40		Pnk				
6018492	483685	8348774	53	-20#	LR	25		Pnk				
6018493	483603	8348739	53	-20#	W	15		Pnk				
6018494	483522	8348705	53	-20#	O	40		Pnk				
6018495	483440	8348670	53	-20#	LR	20		Pnk				
6018496	486640	8345700	53	-20#	B	20		Pnk				
6018497	486523	8345659	53	-20#	LR			Pnk				
6018498	486487	8345600	53	-20#	G	20		Pnk				
6018499	486385	8345555	53	-20#	LR	20		Pnk				
6018500	486343	8345472	53	-20#	LO	20		Pnk				
6018501	486234	8345435	53	-20#	LB	20		Pnk				
6018502	486180	8345363	53	-20#	GW	20		Pnk				
6018503	486050	8345300	53	-20#	LO	20		Pnk				
6018504	470786	8349955	53	-20#	LB	10		Pnk				
6018505	470856	8349918	53	-20#	R	10		Pnk				
6018506	470973	8349834	53	-20#	LB	10		Pnk				
6018507	471075	8349809	53	-20#	LB	20		Pnk				
6018508	471156	8349767	53	-20#	LB	20		Pnk				
6018509	471270	8349719	53	-20#	LR	20		Pnk				
6018514	475425	8358556	53	-20#	B	20		Pnk				
6018515	475377	8358482	53	-20#	RB	50		Pnk				
6018516	475277	8358407	53	-20#	RO	60		Pnk			LAT	
6018517	475227	8358346	53	-20#	O	60		Pnk			LAT	
6018518	475119	8358275	53	-20#	OB	70		Pnk			LAT	
6018519	475059	8358214	53	-20#	R	50		Pnk			LAT	
6018520	474985	8358150	53	-20#	LB	40		Pnk			LAT	
6018533	477800	8354550	53	-20#	B	12		Pnk				
6018534	477900	8354550	53	-20#	B	20		Pnk				

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6018535	478000	8354550	53	-20#	LB	20		Pnk				
6018536	478100	8354550	53	-20#	LB	20		Pnk			LAT	
6018537	478200	8354550	53	-20#	LR	20		Pnk			SDS/LAT	
6018538	478300	8354550	53	-20#	LR	25		Pnk				
6018539	478400	8354550	53	-20#	LB	20		Pnk				
6018540	478500	8354550	53	-20#	LR	25		Pnk				
6018541	478600	8354550	53	-20#	O	25		Pnk				
6018542	478700	8354550	53	-20#	LB	15		Pnk				
6018543	478800	8354550	53	-20#	LR	20		Pnk			SDS	
6018544	478900	8354550	53	-20#	R	20		Pnk				
6018545	479000	8354550	53	-20#	O	20		Pnk				
6018546	479100	8354550	53	-20#	O	15		Pnk				
6018547	479200	8354550	53	-20#	O	20		Pnk				
6018548	479300	8354550	53	-20#	Y	25		Pnk			SDS	
6018549	479400	8354550	53	-20#	B	10		Pnk				
6018550	477250	8352500	53	-20#	O	20		Pnk				
6018551	477350	8352500	53	-20#	Y	30		Pnk			SDS	
6018552	477450	8352500	53	-20#	Y	40		Pnk			SDS	
6018553	477550	8352500	53	-20#	Y	15		Pnk				
6018554	477650	8352500	53	-20#	LO	40		Pnk			LAT	
6018555	477750	8352500	53	-20#	LR	40		Pnk			SDS	
6018556	477850	8352500	53	-20#	LR	40		Pnk			SDS	
6018557	477950	8352500	53	-20#	RY	40		Pnk			SDS	
6018558	478050	8352500	53	-20#	LR	40		Pnk			SDS	
6018559	478150	8352500	53	-20#	LR	50		Pnk			SDS	
6018560	478250	8352500	53	-20#	LR	40		Pnk			SDS	
6018561	478350	8352500	53	-20#	LR	50		Pnk			SDS	
6018562	478450	8352500	53	-20#	LR	40		Pnk			SDS	
6018563	478550	8352500	53	-20#	LR	60		Pnk			SDS	
6018564	478650	8352500	53	-20#	YO	60		Pnk			SDS	
6018565	485500	8346040	53	-20#	OB	30		Pnk				
6018566	485608	8346091	53	-20#	OB	40		Pnk				Pnb
6018567	485688	8346185	53	-20#	OB	30		Pnk				OOLITIC CHERT
6018568	485740	8346254	53	-20#	LB	20		Pnk				Pnk

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6018569	485838	8346327	53	-20#	LB	15		Pnk				Pnk SST OOLITES
6018570	485894	8346436	53	-20#	LB	20		Pnk				Pnk FERRUGINOUS SST CHT
6018571	486060	8346520	53	-20#	RB	15		Pnk				Pny CONGLOMERATE SDS/BLT
6018572	477000	8344300	53	-20#	LR	20		Pnk				
6018573	477000	8344200	53	-20#	W	20		Pnk				
6018574	477000	8344100	53	-20#	LO	40		Pnk				
6018575	477000	8343900	53	-20#	W	20		Pnk				
6018576	477000	8343800	53	-20#	W	20		Pnk				
6018577	477000	8343700	53	-20#	W	20		Pnk				
6018578	477000	8343600	53	-20#	WG	30		Pnk				
6018579	477000	8343500	53	-20#	W	25		Pnk				
6018580	477000	8343400	53	-20#	W	20		Pnk				
6018581	477000	8343300	53	-20#	W	20		Pnk				
6018582	477000	8343200	53	-20#	W	25		Pnk				
6018584	477100	8343000	53	-20#	W	20		Pnk			CHT	
6018585	477200	8343000	53	-20#	G	20		Pnk			CHT	Residual
6018586	477300	8343000	53	-20#	W	20		Pnk			CHT	Residual
6018587	477400	8343000	53	-20#	W	10		Pnk			CHT	Residual
6018588	477500	8343000	53	-20#	W	20		Pnk			CHT	Residual
6018589	477600	8343000	53	-20#	Y	20		Pnk				Clay
6018590	477700	8343000	53	-20#	W	15		Pnk			CHT	Transported
6018591	477800	8343000	53	-20#	W	15		Pnk				Clay
6018592	477900	8343000	53	-20#	W	15		Pnk			CHT	Residual
6018593	478000	8343000	53	-20#	W	10		Pnk			SST	Residual
6018594	478100	8343000	53	-20#	K	15		Pnk			CHT	Residual
6018595	478200	8343000	53	-20#	W	15		Pnk			SST	Residual
6018596	477600	8342050	53	-20#	LTB	25		Pnk				Transported
6018597	477700	8342050	53	-20#	LG	15	CHTBRX/FE	Pnk			CHTBRX	Residual
6018598	477800	8342050	53	-20#	LG	5	SSTBRX	Pnk			SSTBRX	Residual
6018599	477900	8342050	53	-20#	LTB	20		Pnk				Near transported
6018600	478000	8342050	53	-20#	LTB	20	SSTBRX/SI	Pnk				Residual

RIO TINTO EXPLORATION PTY. LIMITED : SOIL SAMPLE RESULTS

EL NAME GIBB BLUFF **1:250,000 MAPSHEET** SD5310 **LAB** ASSAYCORP **DATE** 6/3/98
EL NUMBER 8784 **1:100,000 MAPSHEET** 5868 **ZONE** 53 **DPO NUMBER**
PROSPECT MOUNTAIN CREEK

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
5475301	-20#																									
5475302	-20#																									
5475303	-20#																									
5475304	-20#	0.07	2.3		65	0.3	249	-0.05	10.19	45	11.8	15488	2356	731	160	0.53	112		92	10.1	0.46		8.05		2.06	9.8
5475305	-20#	0.07	2.1		42	0.14	307	-0.05	2.16	306	14	9521	899	447	46	2.52	148		61	8.7	0.71		4.31		1.07	6.1
5475306	-20#	0.1	3.6		63	0.32	276	0.05	4.43	233	15.9	15041	3408	540	89	2.21	106		105	13.9	1.23		8.27		1.69	15.4
5475307	-20#	0.07	5.3		61	0.17	386	-0.05	6.97	136	13.3	19566	1114	341	349	1.39	83		90	9.9	0.94		4.69		1.09	13.6
5475308	-20#	0.08	2.1		35	0.14	169	-0.05	3.59	430	19.5	13818	904	307	66	3.93	77		57	8.1	0.49		3.8		0.93	8.8
5475309	-20#	0.07	5.4		45	0.13	680	-0.05	6.2	112	15.8	18376	935	317	271	1.23	67		107	7.7	0.37		3.76		0.82	13.2
5475310	-20#	0.06	3		52	0.21	131	-0.05	9.63	323	21	14271	1260	336	416	3.25	72		67	8.5	0.42		4.98		1.13	6.3
5475311	-20#	0.09	7.1		54	0.34	105	-0.05	3.06	156	17.5	25669	1723	480	97	1.74	89		105	8.6	0.57		5.85		1.39	6
5475312	-20#	0.1	2.9		34	0.22	204	-0.05	3.26	464	23.4	17970	1297	385	87	4.27	78		53	3.9	0.41		3.78		1	6.7
5475313	-20#	0.1	3.5		80	0.24	138	-0.05	3.36	138	13.3	10389	4173	484	41	1.49	117		64	10.8	0.56		6.29		1.35	7.1
5475314	-20#	0.2	4		50	0.11	331	-0.05	2.64	379	20	12017	892	303	72	4.04	111		51	28.4	0.65		3.72		1.16	7.3
5475315	-20#	0.2	1.5		52	0.08	329	-0.05	1.8	183	10.3	6028	992	215	81	1.87	95		45	10.8	0.46		3.5		1.25	5.8
5475316	-20#	0.4	15		57	0.16	782	-0.05	29.05	356	95.6	45141	837	481	244	4.68	84		211	39.6	1.42		3.57		1.93	133
5475317	-20#	0.2	1.8		42	0.06	378	-0.05	1.55	150	11	4820	836	277	50	1.58	88		46	10.7	0.44		3.13		1.11	5.8
5475318	-20#	0.2	2.2		46	0.09	254	-0.05	2.1	342	15.6	10082	958	246	57	3.23	91		33	10.9	0.56		3.41		1.04	6.3
5475319	-20#	0.2	2.6		48	0.14	228	-0.05	6.79	112	13.5	10439	1029	259	126	1.31	83		52	19	0.52		5.11		1.3	5.5
5475320	-20#	0.2	3		54	0.18	230	-0.05	5.83	267	21.9	11306	2063	357	135	2.45	120		49	11.6	0.55		5.41		1.4	4.9
5475321	-20#	0.1	2.9		60	0.17	261	-0.05	14.27	110	20.5	9321	2289	372	333	1.17	160		54	8.6	0.47		4.86		1.17	4.6
5475322	-20#	0.1	3		53	0.17	89	-0.05	3.63	276	19.5	12219	1992	552	46	2.61	157		46	6.1	0.46		5.37		1.1	4.5
5475323	-20#	0.1	1.8		72	0.18	667	-0.05	3.95	131	11	10077	3542	750	196	1.17	203		61	6.7	0.38		6.3		1.29	5.3
5475324	-20#	0.07	2.6		67	0.2	236	-0.05	5.41	114	12.8	14143	2854	705	165	1.57	203		63	8.5	0.39		5.59		1.22	6.2
5475325	-20#	0.08	1.1		56	0.13	117	-0.05	1.45	134	9.6	7542	2608	346	40	1.36	162		36	4.2	0.35		4.22		0.85	4.3
5475326	-20#	0.06	1.6		75	0.15	169	-0.05	2.64	317	15.8	10621	5844	508	82	3.43	139		28	4.8	0.39		3.8		0.8	4.1
5475327	-20#	0.08	2.9		22	0.11	83	-0.05	1.6	47	5.4	7070	751	198	69	1.09	56		55	5.4	0.28		3.48		0.8	4.2
5475328	-20#	0.08	2.2		29	0.11	160	-0.05	2.54	190	10	9099	1173	308	100	2.1	53		45	5.2	0.34		3.55		0.79	4.4
5475329	-20#	0.09	2		35	0.11	179	-0.05	5.09	187	13.7	8418	1538	285	145	2.52	56		36	5.2	0.29		4.01		0.91	4.7
5475330	-20#	0.1	2.1		38	0.12	172	-0.05	6.41	42	13.4	6950	1285	298	210	0.7	58		36	6.3	0.26		3.7		1.05	5.6
5475331	-20#	0.1	5.1		52	0.21	417	-0.05	12.69	238	34.9	18132	1986	424	280	2.56	78		61	10.9	0.57		5.04		1.48	12.5

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
5475332	-20#	0.1	8.2		69	0.28	1224	-0.05	16.25	41	36.5	20205	2375	532	413	1.08	98		78	12.9	0.73		6.11		1.77	11.9
5475333	-20#	0.1	4.8		81	0.28	852	-0.05	12.55	207	38.6	14423	2456	661	279	2.65	150		84	10.8	0.58		7.35		2.24	6.9
5475334	-20#	0.1	5.2		65	0.21	268	-0.05	9.98	92	23	9983	1911	333	221	0.97	86		67	10.6	0.61		5.95		1.79	8
5475335	-20#	0.1	6.8		102	0.26	241	-0.05	12.27	246	32.8	12854	5369	469	272	2.47	128		72	21.5	0.7		9.99		2.31	8.7
5475336	-20#	0.05	6.5		266	0.14	235	-0.05	3.88	116	16.8	8534	2E+04	274	85	1.33	185		68	14.2	0.75		17.2		2.78	5.6
5475337	-20#	0.05	7.6		237	0.22	271	-0.05	5.62	340	45.7	13099	2E+04	384	82	3.34	217		116	17.9	0.94		13		2.55	16.8
5475338	-20#	0.2	7.8		74	0.11	247	-0.05	6.57	99	24.7	9056	4924	307	99	1.14	116		35	18.4	0.47		3.57		0.78	15.2
5475339	-20#	0.2	8.8		149	0.32	313	-0.05	13	316	29.6	15294	1E+04	575	367	3.1	149		54	14.7	0.6		5.65		1.17	6
5475340	-20#	0.08	3.5		73	0.19	275	-0.05	2.51	107	11	7257	4428	382	58	1.2	122		42	5.4	0.36		4.48		0.83	5.9
5475341	-20#	0.06	3.7		67	0.14	362	-0.05	5.01	354	17	13098	4171	387	188	3.54	107		44	6.1	0.38		3.32		0.68	6
5475342	-20#	0.08	2.1		43	0.14	163	-0.05	1.58	101	7.7	8215	1656	218	40	1.23	69		31	4.6	0.31		3.36		0.59	5.9
5475343	-20#	0.09	5.7		69	0.19	115	-0.05	5.48	236	17.8	19817	1640	237	250	2.93	81		59	8.9	0.5		5		0.99	5.5
5475344	-20#	0.06	1.8		42	0.16	135	-0.05	2.04	241	11.6	9577	1613	236	54	2.59	70		39	4.4	0.33		4.16		0.75	3.6
5475345	-20#	0.1	2		54	0.79	251	-0.05	2.8	34	24.1	7476	1786	373	96	1.02	83		56	5.9	0.37		4.62		0.88	4.7
5475347	-20#	0.09	6.2		100	0.2	358	-0.05	10.68	58	9.9	17694	8558	626	365	1.7	181		64	10.3	0.52		5.95		1.38	5.2
5475348	-20#	0.2	24.4		426	0.42	346	-0.05	31.69	159	27.4	58542	3E+04	1470	2021	4.99	406		64	34.3	1.28		12.9		2.4	7.8
5475349	-20#	0.08	5.7		78	0.19	229	-0.05	10.76	32	8.9	14297	2563	414	232	1.01	113		55	8.5	0.41		5.77		1.38	5.8
5475350	-20#	0.1	6.9		87	0.27	372	-0.05	9.1	116	15	18079	1E+04	727	285	3.03	166		54	8.7	0.51		7.82		1.66	6.3
5475351	-20#	0.1	9.7		117	0.36	479	-0.05	10.72	49	15.8	22254	1E+04	1130	445	1.27	426		76	11.8	0.62		10.1		2.29	9.4
5475352	-20#	0.1	6		108	0.23	405	-0.05	8.88	160	18.3	17345	1E+04	724	424	2.91	242		59	8.3	0.48		7.83		1.68	6.3
5475353	-20#	0.1	4.9		109	0.23	389	-0.05	13.56	52	19.3	15563	8731	697	915	1.23	310		71	10.8	0.45		7.55		1.99	13.2
5475354	-20#	0.1	4.9		97	0.26	461	-0.05	12.01	74	14.2	20651	6006	767	564	1.77	282		69	13.9	0.58		8.94		2.03	13.3
5475355	-20#	0.07	2.9		94	0.29	257	-0.05	9.48	44	11.2	13687	2699	545	414	0.82	100		71	10	0.45		7.55		1.75	7
5475356	-20#	0.07	1.6		57	0.25	201	-0.05	5.58	174	12.8	9448	2190	621	118	2.63	99		46	4.8	0.45		5.23		1.03	6.5
5475357	-20#	0.09	1.8		55	0.18	320	-0.05	2.78	122	14.8	10585	1672	397	104	1.53	96		60	5.1	0.45		5.36		1.29	8.4
5475371	-20#	0.1	4.5		135	0.37	1203	-0.05	11.16	62	22.9	21257	7380	1694	455	0.93	193		64	14.7	0.52		11.8		1.91	17.5
5475374	-20#	0.06	2.5		61	0.1	317	-0.05	5.37	426	15.6	9801	2570	294	185	4.25	106		35	3.5	0.36		3.17		0.86	4.5
5475375	-20#	0.07	4.8		135	0.23	652	-0.05	5.23	58	7.8	12306	1E+04	1145	304	0.75	194		38	6.3	0.41		6.3		1.04	5.2
5475376	-20#	0.1	11.8		102	0.29	979	-0.05	10.18	136	27.1	22090	3549	1513	264	2.53	240		96	8.9	0.57		7.56		2.34	8.6
5475401	-20#+40#	0.3	24.1		91	0.23	340	0.06	17.93	119	38.8	22796	3823	498	592	20.01	115		72	72.8	1.27		5.16		1.21	133
5475402	-80#	0.2	14		87	0.29	355	0.06	15.83	68	37.7	17458	4274	515	495	19.26	141		67	46.5	0.77		5.43		1.34	128
5475403	SL	0.2	36.4		174	0.29	422	0.04	23.98	56	40.7	30805	3560	476	1127	11.04	104		95	142.2	1.41		5.4		1.23	148
5475404	-20#+40#	0.2	12.8		157	0.24	1551	0.08	5.9	54	21.1	13347	1E+04	615	280	14.47	179		61	18.9	2.72		4.45		0.94	29.5
5475405	-80#	0.1	10.6		178	0.23	1482	0.07	6.25	164	24.5	15063	1E+04	621	314	22.86	237		62	14.9	1.03		5.2		1.17	30.9
5475406	SL	0.2	24.4		291	0.4	1195	0.05	11.03	102	24.9	26296	2E+04	625	544	16.36	226		65	22.8	1.33		7.1		1.48	28.1
5475407	-20#+40#	0.1	3.7		76	0.21	151	0.03	2.28	91	12.5	10512	3511	366	74	23.93	112		43	7.4	0.55		4.74		0.95	5.5

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
5475408	-80#	0.06	3		91	0.21	172	0.05	2.74	163	20.8	11706	4606	395	119	40.04	151		57	7.6	0.58		5.78		1.19	8.7
5475409	SL	0.1	15		84	0.24	167	0.16	3.45	84	19.9	26460	3836	444	87	16.05	106		65	15.1	0.91		5.38		1.2	10.5
5475410	-20#+40#	0.06	3.5		61	0.19	205	0.03	2.11	68	8.4	11763	2230	333	75	15.74	122		60	7.2	0.44		4.98		0.89	5.7
5475411	-80#	0.06	1.8		90	0.21	276	0.03	2.53	106	11.7	11550	3888	481	120	21.24	207		60	8.5	0.41		7.34		1.37	5.9
5475412	SL	0.08	13.1		73	0.22	212	0.02	5.47	93	13.7	42347	2573	422	128	11.81	127		123	16.5	0.78		6.06		1.76	5.8
5475413	-20#+40#	0.07	2.1		63	0.19	258	0.03	5.23	61	9.9	11551	2063	387	218	15.28	100		74	7.4	0.44		5.82		1.27	4.6
5475414	-80#	0.07	2.4		79	0.22	314	0.03	6.15	107	11.4	11949	2898	506	264	20.11	164		87	8.6	0.51		7.55		1.72	4.7
5475415	SL	0.06	8.2		99	0.22	264	0.03	9.5	72	12.8	28980	2342	478	466	11.94	97		110	15.2	0.73		6.67		1.71	4.7
5475416	-20#+40#	0.2	17.6		139	0.27	315	0.05	15.49	114	25.7	19116	1E+04	618	339	19.07	181		66	25.3	0.85		6.97		1.5	21.9
5475417	-80#	0.1	10.8		142	0.21	293	0.04	12.2	91	21.6	13109	1E+04	572	291	17.02	204		66	17.8	0.58		6.6		1.47	13.7
5475418	SL	0.3	57.4		203	0.53	290	0.03	29.43	75	39.5	39117	1E+04	578	971	8.78	150		84	76.8	2.99		7.83		1.37	34.9
5475419	-20#+40#	0.2	28.7		87	0.3	331	0.04	18.89	67	36.8	30089	3914	526	432	14.59	132		100	38.3	1.17		6.83		1.79	38.3
5475420	-80#	0.09	12.3		88	0.22	297	0.03	13.68	63	28.9	17866	4210	494	314	14.67	155		80	25.6	0.54		6.61		1.85	16.4
5475421	SL	0.3	71.2		94	0.35	370	0.03	21.22	110	44.5	62852	3418	530	600	12.72	112		126	59.4	2.47		7.88		1.84	48.7
5475422	-20#+40#	0.3	39.1		73	0.38	423	0.04	23.52	89	48.6	74493	2902	574	428	10.71	104		147	60.8	1.52		7.03		1.46	81.9
5475423	-80#	0.1	12.5		79	0.2	370	0.08	14.3	113	36.3	22994	3543	460	371	40.93	129		75	38.3	0.72		5.68		1.5	14.8
5475424	SL	0.2	39.1		69	0.32	375	0.02	21.2	68	47.8	69775	2788	512	382	7.63	97		122	54.4	1.48		7.05		1.46	57.8
5475425	-20#+40#	0.3	17.6		56	0.2	352	0.03	20.56	113	62	28707	1691	380	212	16.82	104		72	21.9	1.16		5.23		1.36	15.1
5475426	-80#	0.9	38.3		62	0.25	376	0.04	28.8	72	84.4	54864	1244	409	419	16.69	87		120	40	1.77		6.41		1.32	19.7
5475427	SL	0.3	8.1		63	0.15	329	0.04	10.53	116	36.6	13878	1997	326	172	22.56	125		62	21.3	0.64		5.18		1.45	7.4
5475428	-20#+40#	0.2	6.3		49	0.15	494	0.04	11.76	83	49.4	23322	1350	391	225	20.45	92		75	23	0.53		4.21		1.28	13.2
5475429	-80#	0.1	3.2		59	0.1	420	0.03	6.27	58	25	10333	1839	329	147	15.43	129		59	9.8	0.38		4.5		1.51	5.3
5475430	SL	0.6	63		89	0.21	590	0.04	32.35	64	73.1	56402	941	508	943	13.93	76		116	55.6	0.86		5.79		1.29	16.4
5475431	-20#+40#	0.3	11.8		54	0.26	391	0.05	13.25	88	36.4	45289	1673	418	282	16.26	86		112	36.4	1.03		5.36		1.5	33.8
5475432	-80#	0.1	3.5		61	0.13	361	0.04	7.62	64	22.5	12787	2198	358	186	19.56	112		61	19.7	0.44		4.87		1.55	6.8
5475433	SL	0.4	23.3		57	0.29	406	0.08	15.65	78	46.9	73804	1670	463	330	13.58	85		146	51.4	1.53		6.77		1.69	39.7
5475434	-20#+40#	0.1	3.7		67	0.36	296	0.03	2.66	106	9.3	10782	2734	516	138	17.44	109		56	7.7	0.59		4.11		0.86	5.5
5475435	-80#	0.07	1.9		104	0.19	452	0.02	3.42	88	8.6	9046	4814	801	186	12.36	173		67	8.9	0.43		6		1.28	7.7
5475436	SL	0.09	17.2		162	0.24	345	0.04	14.18	156	27.3	61410	3791	964	674	19.73	123		121	26.3	1.15		6.07		1.75	8.9
5475437	-20#+40#	0.07	1.9		62	0.17	240	0.04	1.5	56	6.2	8663	3075	371	116	18.5	111		42	7.2	0.42		4.36		0.87	2.6
5475438	-80#	0.06	1.7		84	0.18	296	0.06	1.71	51	6.6	7857	4305	469	137	19.98	158		47	7.8	0.36		5.74		1.21	4.6
5475439	SL	0.09	3.8		83	0.18	273	0.04	3.01	80	10.8	17217	3433	444	239	20.22	124		56	6.3	0.5		4.78		0.98	2.9
5475440	-20#+40#	0.03	1.2		30	0.08	96	0.03	2.17	24	5.4	5305	999	281	116	14.64	53		40	4.3	0.23		2.38		0.62	0.9
5475441	-80#	0.05	1.3		51	0.13	144	0.03	3.81	140	9.5	8632	1855	451	207	21.22	87		60	5.1	0.39		3.84		1.01	1.4
5475442	SL	0.06	1.6		32	0.09	106	0.05	2.36	89	5.8	6135	1060	302	142	22.79	55		48	5	0.27		2.54		0.66	0.7
5475443	-20#+40#	0.05	5.2		118	0.2	613	0.03	5.27	122	9.8	17589	1E+04	1415	289	18.91	228		76	9.2	0.56		6.53		1.65	7.8

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
5475444	-80#	0.06	4.2		131	0.2	618	0.04	4.99	131	8.1	14376	1E+04	1451	289	21.08	251		82	9.9	0.54		7.19		1.9	7
5475445	SL	0.04	32.3		143	0.35	597	0.03	15.37	148	20.1	84605	1E+04	1695	767	10.98	196		125	29.4	2		9.74		2.24	9.2
5475551	-20#+40#																									
5475552	-20#+40#																									
5475553	-20#+40#																									
5475554	-20#+40#																									
5475555	-20#+40#																									
5475556	-20#+40#																									
5475557	-20#+40#																									
5475558	-20#+40#																									
5475559	-20#+40#																									
5475560	-20#+40#																									
5475561	-20#+40#																									
5475562	-20#+40#																									
5475563	-20#+40#																									
5475564	-20#+40#																									
5475565	-20#+40#																									
5475566	-20#	0.1	7		40	0.14	429	-0.05	8.54	269	18.9	26984	884	379	288	3.08	101		97	41.8	0.93		4.3		1.12	66
5475567	-20#	0.2	3.8		40	0.14	258	-0.05	4.42	349	17.1	20503	987	296	133	3.88	108		66	22.3	0.74		3.59		0.86	32.7
5475568	-20#	0.2	8		48	0.26	536	-0.05	7.95	167	20.3	31210	901	383	381	3.13	89		92	32.7	0.87		5.48		1.28	18.8
5475569	-20#	0.1	8.1		35	0.34	499	-0.05	5.69	283	19.4	32164	955	332	254	3.66	96		95	20	0.89		5.91		1.21	11.3
5475570	-20#	0.05	5.9		233	0.2	348	-0.05	6.24	52	46.6	13030	3E+04	1496	102	1.36	217		97	5.3	1.51		7.85		1.61	3.6
5475571	-20#	0.1	11.9		117	0.2	379	-0.05	7.25	35	44.4	11380	8548	629	172	1.05	120		79	7.6	3.59		4.21		1.15	11.8
5475572	-20#	0.1	6.1		70	0.15	628	-0.05	5.27	86	22.8	7987	4489	348	111	1.37	102		47	7.2	1.65		3.01		0.82	5.2
5475573	-20#	0.09	3.7		56	0.14	398	-0.05	3.44	204	23.7	10968	2994	313	113	3.31	98		33	5.6	1.32		2.74		0.77	7.8
5475574	-20#	0.06	6.7		68	0.17	379	-0.05	7.54	85	20.9	12360	3097	398	182	1.4	112		59	9.4	2.19		4.34		1.04	6
5475575	-20#	0.07	5.5		63	0.18	325	-0.05	6.29	105	21.2	12999	2768	398	172	2.43	110		56	7.2	1.54		4.59		1.15	2.2
5475576	-20#	0.07	5		66	0.19	367	-0.05	8.74	44	20.9	11146	2456	471	247	0.83	116		81	7.9	1.25		4.82		1.25	3.3
5475591	-20#	-0.1	2.7		82	0.22	350	-0.05	22.31	32	14.5	27819	3010	607	464	0.74	149		131	11.4	0.41		7.84		1.71	8.7
5475592	-20#	-0.1	3.4		72	0.22	486	-0.05	20.93	33	13.3	25865	2602	596	435	0.65	132		135	10.8	0.37		6.99		1.61	8.6
5475593	-20#	-0.1	2.5		81	0.24	427	-0.05	17.68	32	12.6	23203	2643	604	395	0.55	154		115	10.9	0.35		7.76		1.71	8.9
5475594	-20#	-0.1	2		64	0.23	576	-0.05	11.57	36	12.9	31005	2003	612	217	0.69	124		87	8	0.32		6.98		1.41	7.2
5475595	-20#	-0.1	2.3		68	0.26	278	-0.05	12.63	39	14.7	24289	1981	702	112	0.64	181		96	10.1	0.38		8.92		1.92	10.4
5475596	-20#	-0.1	3.3		78	0.28	595	-0.05	13.5	43	17.6	34629	2401	1069	206	0.88	233		120	12.4	0.43		9.03		1.71	9.3
5475597	-20#	0.1	2.2		69	0.25	371	-0.05	10.17	43	13.7	25466	2023	813	114	0.63	166		74	9.3	0.38		8.65		1.65	8.7
5475598	-20#	0.1	1.5		89	0.25	226	-0.05	8	39	13.6	17969	2807	1031	61	0.61	196		82	9.9	0.36		7.82		2.05	7.9

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
5475599	-20#	-0.1	0.7		63	0.17	165	-0.05	4.84	30	8.5	11528	1869	503	58	0.35	109		62	6.5	0.28		6.04		1.34	4.8
5475600	-20#	0.1	1.1		37	0.3	119	-0.05	7.05	25	7.3	32419	636	156	42	0.97	53		36	3.3	0.35		2.44		0.54	1.8
6016101	-20#	0.2	1.8		38	0.26	176	-0.05	1.12	80	5	7300	1329	400	19	0.65	101		49	6.7	0.4		1500		0.97	4.9
6016102	-20#	0.1	3.5		157	1.66	1176	0.09	1.55	76	4.1	7094	9791	3662	62	0.68	263		132	11.7	0.59		4050		2.75	5.7
6016103	-20#	0.06	0.8		37	0.2	89	-0.05	2.16	184	7	6820	1148	303	29	0.88	90		57	5.8	0.32		1740		0.81	3.8
6016104	-20#	0.05	2.9		40	10.8	378	-0.05	3.1	263	9.2	13218	1094	362	111	1.68	90		103	7.2	0.42		1980		0.83	5.5
6016105	-20#	0.09	10.9		45	0.2	151	-0.05	2.7	88	7.5	21285	1132	252	66	1.3	81		62	8.2	0.83		2550		1.03	6.2
6016106	-20#	0.07	13.9		39	0.16	107	-0.05	2.73	52	5.5	20800	889	221	42	1.2	71		57	5.6	0.45		1890		0.81	8
6016107	-20#	0.09	5		54	0.22	193	-0.05	3.09	61	8.8	24553	1438	368	65	1.26	97		88	8.3	0.45		3030		1.35	6.9
6016108	-20#	0.1	4.8		44	0.19	451	-0.05	2.28	70	7	20505	1064	246	134	1.31	106		83	11.9	0.55		2180		0.85	7.8
6016109	-20#	0.1	7.4		40	0.29	98	-0.05	3.23	68	7.4	38202	1188	347	41	1.5	92		83	25.7	0.72		3030		1.7	25.8
6016110	-20#	0.1	3.4		38	0.2	152	-0.05	3.05	69	8.2	21675	1057	292	50	1.19	82		77	9.6	0.47		2560		1.22	7.5
6016111	-20#	0.06	2.2		40	0.18	168	-0.05	3.98	52	7.8	18715	1081	334	107	0.76	88		57	9	0.39		2540		1.19	5.7
6016112	-20#	0.1	6.3		43	0.29	199	-0.05	5.22	71	13.5	34032	1181	379	156	2.02	123		74	13	0.7		2890		1.54	8.9
6016113	-20#	0.1	5.3		43	0.22	264	-0.05	5.61	46	10.3	27585	1132	413	178	1.48	89		80	17.9	0.58		2710		1.4	6.1
6016114	-20#	0.1	6		39	0.2	312	-0.05	3.77	59	11.1	30929	901	362	103	1.82	85		70	12.7	0.69		2300		1.23	7.6
6016115	-20#	0.2	11.5		40	0.48	214	-0.05	4.75	54	10.6	35843	1029	324	81	1.61	84		64	15.1	0.65		2650		1.36	9.7
6016116	-20#	0.2	11.7		48	0.32	339	-0.05	6.42	63	17.2	44639	1236	386	163	2.06	109		67	13.6	0.93		2890		1.53	8.7
6016117	-20#	0.2	6.5		50	0.2	269	-0.05	7.13	66	25.3	23905	1238	303	224	1.16	98		58	14.3	0.62		2490		1.43	5
6016118	-20#	0.1	4		84	0.25	306	-0.05	5.76	111	12.7	19996	4569	901	205	1.12	180		52	11.1	0.45		2860		1.63	6.2
6016119	-20#	0.06	1.9		68	0.2	236	-0.05	5.89	46	8.9	14761	4792	779	179	0.5	176		49	7	0.34		2520		1.56	5.7
6016120	-20#	0.09	14.1		92	0.33	252	-0.05	9.83	104	15.1	58511	7520	1611	182	2.18	212		72	19.3	1.01		3240		2.23	8.3
6016121	-20#	0.1	4.8		99	0.38	439	-0.05	4.39	67	11.8	25664	6325	1901	85	0.84	221		74	9.4	0.61		2620		1.9	5.4
6016122	-20#	0.06	7.3		31	0.32	158	-0.05	4.1	44	9.8	29738	826	319	143	1.43	76		65	11.8	0.59		4090		1.67	13.1
6016123	-20#	0.07	3.2		38	0.09	155	-0.05	1.73	53	4.1	8031	831	196	30	0.78	69		59	3.8	0.27		1660		0.68	3.6
6016124	-20#	0.05	1.4		42	0.13	72	-0.05	2.22	29	4.4	6111	920	216	20	0.31	71		55	4.9	0.25		2030		0.81	4.6
6016125	-20#	0.05	1.3		45	0.15	88	-0.05	2.4	31	6.9	7094	1138	278	32	0.32	79		56	6.9	0.31		2300		1.06	7
6016126	-20#	0.06	12.7		54	0.17	204	-0.05	2.93	60	6.4	20802	1200	339	48	1.12	89		84	6.9	0.6		2440		1.19	7.1
6016127	-20#	0.09	9.3		52	0.17	130	-0.05	3.78	81	9.5	27812	1260	321	88	1.22	88		64	8	0.57		2440		1.15	7.5
6016128	-20#	0.1	15.7		53	0.27	100	-0.05	3.88	70	9.2	45901	1100	346	90	1.55	101		94	10.1	0.74		3140		1.37	12.6
6016129	-20#	0.1	10.6		51	0.2	384	-0.05	3.88	97	9.9	33589	1131	351	141	1.73	95		101	8.9	0.57		2530		1.23	6.3
6016130	-20#	0.1	17.5		68	0.23	316	-0.05	9.53	82	9.9	47954	1208	407	313	2.2	109		199	13.9	0.76		2730		1.56	9.5
6016131	-20#	0.07	6.8		45	0.22	222	-0.05	4.72	54	8.5	29250	1324	410	108	1.41	99		82	9.1	0.52		3100		1.44	7.4
6016132	-20#	0.08	8.5		48	0.24	412	-0.05	4.81	76	8.9	40173	1200	437	111	1.46	102		92	10.7	0.55		3250		1.55	5.5
6016133	-20#	0.06	2.9		46	0.22	195	-0.05	5.7	45	9.3	19271	1473	452	99	0.91	95		72	9.3	0.42		3450		1.63	5.8
6016134	-20#	0.05	1.5		46	0.17	215	-0.05	5.37	37	8.1	13050	1414	404	136	0.44	85		64	7	0.29		2610		1.34	5.4

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6016135	-20#	0.05	1		53	0.17	252	-0.05	4.9	59	10.9	11855	1475	382	157	0.57	104		57	8.1	0.3		2840		1.31	6
6016136	-20#	0.07	3.6		49	0.2	198	-0.05	6.52	55	11	22545	1479	415	134	1.04	93		69	11	0.51		3090		1.53	5.3
6016137	-20#	0.09	5		52	0.22	275	-0.05	8.55	57	12.6	24841	1223	430	182	1.23	100		79	12.1	0.52		3020		1.48	5.9
6016138	-20#	0.08	10		48	0.29	276	-0.05	5.67	66	11.8	44115	1402	400	189	2.02	103		98	12.3	0.77		3330		1.84	7.3
6016139	-20#	0.1	14.4		50	0.32	385	-0.05	6.44	70	16.1	57757	1298	504	142	2.25	126		93	16.6	0.9		3740		2.11	7.9
6016140	-20#	0.08	4.8		49	0.21	258	-0.05	4.85	51	10	26522	1346	358	115	1.09	98		78	10.8	0.56		2790		1.47	5.4
6016141	-20#	0.07	7.7		59	0.37	359	-0.05	5.5	69	14.7	34382	1556	419	155	1.49	110		80	15.6	0.65		2990		1.73	6.6
6016142	-20#	0.1	2.7		46	0.17	152	-0.05	2.63	97	7.7	14021	1801	320	86	0.92	101		38	4.6	0.36		2200		1.3	4.9
6016143	-20#	0.1	7.2		44	0.22	303	-0.05	5.47	74	9.2	25864	1013	286	130	1.25	99		46	10.2	0.71		2680		0.99	4.5
6016144	-20#	0.09	4.2		53	0.13	288	-0.05	3.13	40	5.7	16103	1170	292	99	0.68	120		72	6.4	0.39		2440		0.86	3
6016145	-20#	0.1	5.1		44	0.15	154	-0.05	4.42	37	6.4	17525	965	259	79	0.74	99		69	6.8	0.41		2240		0.88	4.3
6016146	-20#	0.08	5.7		42	0.09	306	-0.05	2.38	48	5.6	11700	710	206	78	0.81	85		63	4.3	0.41		1870		0.59	4
6016147	-20#	0.1	20.6		45	0.16	327	-0.05	7.25	77	9.4	90019	1215	485	177	1.51	110		322	8.7	0.77		2220		1.34	23.4
6016148	-20#	0.09	5.7		44	0.2	171	-0.05	3.8	93	9.9	25046	1304	260	87	1.11	105		65	7.2	0.55		2770		1.32	3.6
6016149	-20#	0.2	15.7		65	0.36	184	-0.05	5.67	98	10.4	38554	1428	342	179	1.6	111		87	12.4	0.88		2750		1.52	5
6016150	-20#	0.07	9.2		52	0.27	364	-0.05	5.1	86	11.2	40360	1533	393	182	1.64	106		89	10.2	0.68		3200		1.26	4.9
6016151	-20#	0.09	6.8		61	0.24	287	-0.05	5.08	71	8.5	34738	1455	372	165	1.18	109		86	8.9	0.53		3240		1.13	5.4
6016152	-20#	0.07	8.4		70	0.44	232	-0.05	5.65	100	9.1	44922	1376	335	241	1.76	109		91	10.4	0.6		3040		1.16	6.3
6016153	-20#	0.08	5.1		57	0.21	199	-0.05	7.03	83	8.1	32155	1182	249	162	1.25	101		68	9.3	0.42		2950		1.05	4.6
6016154	-20#	0.08	7.8		44	0.24	153	-0.05	3.08	84	10.4	44614	1237	285	49	1.79	96		65	8.5	0.47		3290		1.38	6.1
6016155	-20#	0.05	3.2		52	0.18	215	-0.05	5.44	56	8.7	21253	1361	307	120	0.78	104		74	7.1	0.33		3060		1.18	4.7
6016156	-20#	0.07	1		52	0.19	66	-0.05	3.58	45	8.1	8232	985	370	29	0.43	95		50	7.2	0.32		3600		1.23	3.4
6016157	-20#	0.07	1.8		29	0.16	77	-0.05	2.7	47	8.4	10128	744	249	17	0.53	63		45	5.4	0.31		1990		0.81	2.3
6016158	-20#	0.08	2		36	0.19	107	-0.05	4.19	32	8.7	11584	964	334	62	0.58	73		55	7.6	0.31		2800		1.15	3
6016159	-20#	0.09	2.3		42	0.15	164	-0.05	4.54	71	10.1	9329	989	255	105	0.92	83		50	6.9	0.35		2570		1	4
6016160	-20#	0.1	3.8		69	0.16	221	-0.05	10.09	51	10.9	15304	1301	363	387	0.99	98		47	11.1	0.44		2770		1.18	3.6
6016161	-20#	0.1	8.8		43	0.22	253	-0.05	5.89	70	12.4	41377	1150	342	136	1.71	89		72	14.9	0.71		2910		1.37	5.4
6016162	-20#	0.1	8.7		43	0.22	254	-0.05	5.66	70	10.1	41358	1165	348	136	1.7	89		82	14.7	0.74		2930		1.33	4.1
6016163	-20#	0.09	-0.5		71	0.2	85	-0.05	1.83	144	10.6	6069	2728	330	57	0.9	126		36	5	0.36		3270		1.31	3.7
6016164	-20#	0.06	1.8		53	0.21	62	-0.05	2.69	41	6.4	9510	1789	363	37	0.37	104		39	5.5	0.56		3000		1.17	2.2
6016165	-20#	0.06	1.7		55	0.21	63	-0.05	2.77	65	9.1	8086	1342	263	113	0.48	84		55	5.7	0.33		3090		1.04	3.1
6016166	-20#	0.07	4.6		33	0.23	243	-0.05	3.51	45	7.1	20651	836	320	117	0.79	74		62	7.6	0.51		2570		1	5.1
6016167	-20#	0.09	3.7		39	0.21	127	-0.05	4.7	88	10.4	17370	1083	364	73	1.31	87		76	8.5	0.51		3340		1.31	6
6016168	-20#	0.1	6.3		40	0.17	252	-0.05	3.12	231	9.2	19837	847	267	101	2.85	84		68	7.6	0.47		2390		0.89	4.7
6016169	-20#	0.1	4.5		43	0.18	323	-0.05	5.69	219	10.6	28060	1014	361	197	2.68	87		81	7.7	0.43		2680		1.18	6.7
6016170	-20#	0.1	5.7		54	0.25	298	-0.05	5.85	230	12.7	34645	1656	393	275	2.72	107		70	9	0.58		3100		1.73	12.9

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6016171	-20#	0.1	6.1		56	0.24	319	-0.05	5.24	220	12.7	27411	1577	366	177	2.46	97		57	7.9	0.53		2810		1.72	7
6016172	-20#	0.1	8.4		83	0.25	354	-0.05	9.08	217	15.2	33526	1916	476	481	2.88	116		71	11.4	0.62		3310		1.75	9.5
6016173	-20#	0.1	11.9		57	0.31	245	-0.05	10.4	195	18.5	39747	1546	424	364	2.71	130		65	13.1	0.73		3210		1.71	8.8
6016174	-20#	0.2	25.9		52	0.33	249	-0.05	6.13	117	17.9	64316	1468	422	168	3.84	131		51	14.5	1.37		3740		1.97	9
6016175	-20#	0.1	13.4		67	0.28	173	-0.05	6.65	109	15.9	45457	1678	518	153	2.46	112		112	12.5	0.75		3810		2.05	9.6
6016176	-20#	0.07	4.9		68	0.26	188	-0.05	5.2	49	9.6	19075	1453	430	105	0.94	112		67	7	0.38		3140		1.27	8.1
6016177	-20#	0.06	2.6		38	0.21	70	-0.05	3.09	65	8	13365	1087	278	33	1.05	76		54	5.3	0.32		2520		0.96	2.2
6016178	-20#	0.1	3.4		115	0.28	267	-0.05	7.67	70	11.5	16896	2014	497	279	1	129		83	10.3	0.45		4550		1.82	3.5
6016179	-20#	0.06	7.3		85	0.38	70	0.09	7.62	146	15.2	41764	1540	647	94	3.92	123		75	12.3	0.78		6.53		1.73	10.9
6016180	-20#	0.05	9.6		134	0.39	42	-0.05	14.01	72	15.5	51184	1861	996	249	4.57	251		68	17.4	0.68		8.8		2.8	11.1
6016181	-20#	0.05	2.1		44	0.22	36	-0.05	3.43	110	8.3	14244	852	439	23	2.13	84		42	6.8	0.48		5.07		1.05	5.3
6016182	-20#	0.05	1.5		41	0.14	169	-0.05	4.04	213	11.7	7922	1037	231	230	2.75	66		41	5.5	0.45		3.75		0.88	5.4
6016183	-20#	0.06	2.4		71	0.2	473	-0.05	3.51	146	15.9	13632	2337	819	111	2.21	92		51	6.4	0.72		5.1		1.08	9.8
6016184	-20#	0.05	2.7		48	0.14	125	-0.05	3.05	200	13.9	17626	1225	235	109	3.1	78		25	7.7	0.47		4.07		0.93	8.3
6016185	-20#	0.05	3.9		53	0.19	227	-0.05	6.37	144	11.3	22618	1588	390	247	2.49	86		49	11.5	0.57		5.43		1.2	5.4
6016186	-20#	0.05	6.7		53	0.24	469	-0.05	7.75	128	16.3	37748	1576	467	239	2.84	95		81	14.4	0.7		6.39		1.46	8.9
6016187	-20#	0.05	4.7		50	0.34	433	-0.05	5.73	113	15.3	27650	1595	377	208	2.26	92		68	13.4	0.51		5.72		1.33	6.8
6016188	-20#	0.1	6.2		49	0.22	192	-0.05	3.78	240	14.5	27365	1139	274	167	3.15	78		57	11.4	0.56		5.5		1.29	4.6
6016189	-20#	0.05	5.7		50	0.16	136	-0.05	3.88	169	8.5	17244	1409	333	150	2.06	67		44	4.5	0.4		4.78		1	5
6016190	-20#	0.05	3.4		48	0.1	160	-0.05	2.12	300	9.4	10888	1005	205	83	3.1	75		37	3.1	0.36		3.33		0.72	4.2
6016191	-20#	0.05	4.9		38	0.28	121	-0.05	1.92	315	9.5	13426	1167	229	56	3.29	74		25	3.8	0.7		3.9		0.92	3.6
6016192	-20#	0.2	4.8		46	0.13	180	-0.05	5.38	198	10.3	13942	1294	245	198	2.88	77		26	5.1	0.4		4.02		0.96	4.5
6016193	-20#	0.2	3		45	0.17	170	-0.05	2.94	91	7.3	10985	1439	312	124	1.51	69		37	4.3	0.32		4.76		1.06	3.9
6016194	-20#	0.2	3.3		97	0.19	232	-0.05	10.16	78	7.5	15404	1965	408	454	1.43	103		27	8.6	0.55		6.38		1.4	5.9
6016195	-20#	0.2	3		51	0.15	207	-0.05	4.61	62	6.6	13233	1579	333	146	1.14	94		21	5.6	0.32		4.98		1.01	4.8
6016196	-20#	0.2	3.8		57	0.21	335	-0.05	7.55	55	8.4	17430	1832	426	203	1.12	98		61	8.5	0.37		6.93		1.41	5.9
6016197	-20#	0.1	2.6		42	0.18	215	-0.05	3.59	62	5.2	12829	1393	288	86	1.04	89		41	5.2	0.34		5.12		1.02	5.5
6016198	-20#	0.2	2.9		39	0.18	257	-0.05	4.7	64	5.9	13770	1281	303	120	1.18	85		41	6.1	0.34		5.57		1.11	5.6
6016199	-20#	0.1	1.5		24	0.15	126	-0.05	1.8	42	3.5	6069	673	197	25	0.56	54		12	3.6	0.22		3.32		0.64	4
6016200	-20#	0.1	1.8		23	0.17	126	-0.05	2.23	68	4.8	9147	701	228	44	0.88	-50		27	4.3	0.28		3.93		0.72	4.8
6016201	-20#	0.1	1.3		26	0.16	159	-0.05	2.05	46	4.9	6705	794	259	40	0.71	55		19	4.1	0.29		3.99		0.78	3.6
6016202	-20#	0.2	1.4		20	0.12	90	-0.05	1.57	129	8	7816	504	132	37	1.95	-50		26	3	0.27		2.97		0.53	3.1
6016203	-20#	0.05	2.7		83	0.14	79	-0.05	5.73	94	10.3	11439	572	162	385	1.42	-50		14	6.3	0.31		3.03		0.59	9
6016204	-20#	0.05	1.9		25	0.14	37	-0.05	1.9	142	6.9	8461	567	190	26	1.58	-50		29	4	0.26		3.26		0.59	4.2
6016205	-20#	0.05	6.1		50	0.23	77	-0.05	3.97	83	6.4	36332	904	629	57	1.59	134		38	12.7	0.45		5.5		1.14	65.6
6016206	-20#	0.05	6.7		64	0.27	364	-0.05	11.43	127	12.8	30544	1451	672	265	1.96	88		102	13.2	0.57		6.63		1.72	10.4

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6016207	-20#	0.05	3.9		57	0.23	257	-0.05	9.31	82	10.1	13964	3145	470	169	1.28	92		58	7	0.39		6.02		1.5	5.3
6016208	-20#	0.05	3.7		57	0.21	121	-0.05	8.38	156	10.2	14755	2591	502	163	1.83	92		68	6.9	0.55		5.68		1.38	4.4
6016209	-20#	0.07	3.3		79	0.26	158	-0.05	5.99	110	10.4	21318	1212	447	153	2.28	120		53	9.7	0.9		7.07		1.58	7.2
6016210	-20#	0.05	5.1		53	0.26	281	-0.05	3.29	90	9.2	16041	1847	637	71	1.45	143		58	7.7	0.49		6.38		1.22	5.8
6016211	-20#	0.05	3.8		53	0.25	266	-0.05	3	72	9.9	15421	2456	768	40	0.97	127		50	8.2	0.44		7.86		1.44	6.4
6016212	-20#	0.06	5.6		81	0.38	404	-0.05	7.1	92	24.5	24469	4595	1530	146	1.54	181		73	14.4	0.63		12.7		2.1	10.6
6016213	-20#	0.07	4.2		112	0.38	587	-0.05	17.52	80	22.6	26739	5938	1685	357	0.98	206		96	23.5	0.69		15.6		2.47	14.2
6016214	-20#	0.05	5.9		78	0.33	2377	-0.05	6.33	110	21.3	27374	5384	2686	97	2.04	207		85	14	0.74		12.1		2.14	14
6016215	-20#	0.05	3.5		79	0.23	566	-0.05	3.41	66	14.8	16704	4865	1437	70	0.77	164		62	9	0.43		7.52		1.54	7
6016216	-20#	0.05	7.2		41	0.22	160	-0.05	2.63	79	11.6	32960	1878	670	34	1.39	108		65	10	0.66		6.26		1.47	6.4
6016217	-20#	0.05	3.6		74	0.25	171	-0.05	4.28	61	12.4	19495	2455	989	74	1.04	147		81	9.9	0.63		8.48		1.68	7.9
6016218	-20#	0.05	1.7		41	0.11	660	-0.05	1.47	172	8.9	8436	1183	486	58	1.93	79		33	3.6	0.31		3.54		0.7	4.1
6016219	-20#	0.05	2.2		43	0.17	264	-0.05	1.83	147	10	9620	1412	473	30	1.78	85		36	5.3	0.46		5.72		1.12	4.4
6016220	-20#	0.05	3		97	0.29	165	-0.05	7.69	81	11.8	18189	5692	2371	26	1.61	227		70	10.4	0.58		10.6		2.47	11.5
6016221	-20#	0.05	1.9		44	0.12	705	-0.05	1.72	126	8.4	6786	1513	563	40	1.68	82		46	3.7	0.32		3.89		0.82	3.9
6016222	-20#	0.07	1.9		50	0.16	177	-0.05	2.38	131	8	9073	1812	321	69	1.68	89		54	4.9	0.3		5.07		1.1	4.9
6016223	-20#	0.07	2.5		59	0.17	76	-0.05	2.74	63	6.8	9850	2169	740	25	0.9	110		64	6.8	0.36		6.39		1.47	3.7
6016224	-20#	0.05	3		52	0.18	121	-0.05	1.74	91	7.1	7475	1741	324	37	1.37	89		70	5.9	0.3		6.2		1.24	2.2
6016225	-20#	0.05	3.4		28	0.22	236	-0.05	3.8	88	6.1	20434	837	285	117	1.17	62		48	7.5	0.36		6.24		1.08	5.9
6016226	-20#	0.06	4.9		32	0.26	244	-0.05	3.9	68	5.6	24156	754	362	118	1.2	70		58	9.3	0.48		7.38		1.15	6.3
6016227	-20#	0.05	3.3		26	0.23	311	-0.05	3.4	86	5.4	21666	682	359	81	1.22	65		60	7.9	0.39		6.32		0.99	7.1
6016228	-20#	0.05	3.7		29	0.2	446	-0.05	5.08	86	6.5	19934	870	267	113	0.84	64		145	7.4	0.38		6.05		0.98	6.5
6016229	-20#	0.05	2.6		25	0.17	355	-0.05	3.97	131	6.1	16380	665	192	120	1.2	53		81	6	0.34		4.8		0.73	12.2
6016230	-20#	0.05	2.5		24	0.18	193	-0.05	3.06	74	4.6	13603	792	229	96	1.03	57		51	5.5	0.28		4.59		0.79	4.4
6016231	-20#	0.06	2.1		30	0.22	172	-0.05	3.48	56	4.9	11555	937	263	121	1.07	59		50	5.4	0.27		4.77		0.84	4.3
6016232	-20#	0.05	2.3		21	0.17	139	-0.05	2	72	5.4	8194	565	172	56	1.15	-50		45	3.5	0.23		3.2		0.63	3.1
6016233	-20#	0.05	3.5		21	0.14	105	-0.05	1.86	155	8	15264	627	148	50	2.07	-50		28	4.5	0.26		3.31		0.65	2.4
6016234	-20#	0.05	4.1		94	0.18	103	-0.05	22.55	130	7.5	25146	761	232	498	1.93	58		55	12.7	0.38		4.45		0.98	4.4
6016235	-20#	0.05	3.7		29	0.12	128	0.1	2.88	165	9.5	20088	861	161	81	2.34	64		39	5.5	0.42		3.39		0.82	5.4
6016236	-20#	0.05	2.4		28	0.16	210	-0.05	3.59	66	4.9	12328	631	205	197	0.81	61		90	5.2	0.26		3.84		0.63	3.5
6016237	-20#	0.05	1.7		19	0.11	145	-0.05	1.88	183	9.3	9186	384	114	59	2.89	-50		62	2.6	0.24		2.44		0.48	3.1
6016238	-20#	0.05	1.6		22	0.11	133	-0.05	1.62	75	4.7	7388	436	110	28	0.98	-50		64	3.1	0.3		2.72		0.5	2.1
6016239	-20#	0.05	1.6		41	0.1	82	-0.05	3.06	121	6.9	8957	560	227	108	1.99	64		66	4	0.4		3.07		0.58	4.5
6016240	-20#	0.05	1.3		19	0.11	98	-0.05	2.01	135	7.9	8518	442	149	46	2.3	52		42	2.9	0.22		2.84		0.52	2.5
6016241	-20#	0.05	2.3		78	0.12	163	-0.05	11.85	100	6.9	15537	784	223	471	1.63	72		59	7.7	0.3		3.98		0.84	2.9
6016242	-20#	0.05	4.1		151	0.14	257	-0.05	14.58	124	9.3	22839	1020	394	590	1.89	106		69	12.1	0.4		4.76		1.07	3.7

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6016243	-20#	0.05	0.9		26	0.08	204	-0.05	2.04	131	5.8	5929	556	124	62	1.47	51		42	2.6	0.2		2.34		0.48	1.4
6016244	-20#	0.05	1.7		36	0.16	91	-0.05	4.65	107	7.3	11014	997	271	75	1.49	90		54	6.1	0.3		5.29		1.14	5.4
6016245	-20#	0.05	2.4		61	0.16	237	-0.05	4.44	86	6.9	11883	1077	405	120	0.89	151		80	6.2	0.3		5.4		1.15	3.5
6016246	-20#	0.06	3.1		245	0.13	60	-0.05	11.78	164	12	15181	962	227	1194	2.87	97		49	7.5	0.33		4.33		0.89	4.2
6016247	-20#	0.06	1.5		44	0.2	361	-0.05	3.36	71	9.2	9760	1414	442	87	1.07	104		78	6.5	0.28		6.77		1.33	4.9
6016248	-20#	0.05	1.6		45	0.15	72	-0.05	2.83	96	8.3	9186	1121	364	48	1.37	89		55	5.5	0.29		4.83		1	3.1
6016249	-20#	0.06	1.5		31	0.13	202	-0.05	3.4	41	7.2	9864	1022	304	53	1.02	82		58	5.1	0.24		4.54		0.98	6.4
6016250	-20#	0.09	1.6		32	0.14	113	-0.05	2.8	101	7.7	11997	896	241	49	1.74	88		65	7.4	0.33		5.08		1.26	6.7
6016251	-20#	0.05	2.7		35	0.16	159	-0.05	3.95	54	5.8	16826	1067	305	62	1.17	83		59	6.1	0.31		5.43		1.14	5.8
6016252	-20#	0.05	1.7		34	0.13	105	-0.05	3.17	103	6.4	10765	862	244	67	1.44	70		54	6	0.28		4.74		1.02	5.3
6016253	-20#	0.05	1.6		31	0.14	85	-0.05	2.56	54	5.4	8942	873	255	40	0.95	60		63	6.2	0.26		4.43		1.03	5.1
6016254	-20#	0.06	3.4		32	0.16	111	-0.05	3.45	110	9.6	17411	844	271	100	1.91	58		60	7.7	0.36		4.83		1.4	4
6016255	-20#	0.05	1.5		36	0.14	45	-0.05	1.53	62	4.8	6510	758	205	19	1.13	-50		45	4.9	0.23		4.06		0.76	3.5
6016256	-20#	0.05	1.2		33	0.12	60	-0.05	2.42	180	8.6	7799	1094	266	49	2.07	77		64	3.8	0.29		4.29		0.81	5.2
6016257	-20#	0.07	2.2		40	0.17	69	-0.05	2.92	30	7.4	10891	1128	342	39	1.21	79		74	6.3	0.31		5.74		1.11	4.6
6016258	-20#	0.06	1.2		41	0.15	62	-0.05	2.55	42	7.3	8635	940	258	25	1.21	91		65	6	0.27		5.19		1.01	4.8
6016259	-20#	0.05	1.3		22	0.09	58	-0.05	1.05	47	4.6	6906	682	191	21	1.22	69		48	3.6	0.24		3.27		0.57	2.7
6016260	-20#	0.05	1.4		31	0.15	62	-0.05	2.27	85	6.3	9933	854	219	37	2.09	96		71	5.5	0.29		5.04		0.91	4.6
6016261	-20#	0.05	2.2		35	0.13	110	-0.05	2.63	53	5.4	15406	987	267	52	1.62	126		68	5.3	0.28		4.81		0.94	5.8
6016262	-20#	0.05	2.5		32	0.12	186	-0.05	2.27	207	7.1	17227	919	204	82	2.06	104		45	4.2	0.29		3.9		0.75	3.2
6016263	-20#	0.05	1.4		33	0.11	251	-0.05	2.24	84	5.1	8447	817	295	101	0.96	91		64	3.8	0.35		3.65		0.78	3.8
6016264	-20#	0.05	2.2		35	0.14	267	-0.05	3.8	141	6.9	14192	1151	328	147	1.58	79		83	5.1	0.27		4.83		1.03	4.4
6016265	-20#	0.05	2.5		50	0.19	205	-0.05	3.22	78	8.2	12400	1774	381	98	1.08	166		82	6.7	0.3		6.5		1.26	6.1
6016266	-20#	0.05	1.6		64	0.1	220	-0.05	5.69	113	4.6	18597	2490	510	201	0.95	85		34	5.2	0.23		4.54		0.92	4.4
6016267	-20#	0.05	2.2		56	0.15	130	-0.05	4.88	108	6.7	13089	2594	485	81	1.62	87		50	4.8	0.29		4.83		1.08	3.6
6016268	-20#	0.05	3.6		47	0.16	142	-0.05	3.92	70	5.4	16043	2295	511	88	0.98	72		42	5.8	0.28		4.98		1.09	3
6016269	-20#	0.05	8.2		48	0.19	194	-0.05	8.46	87	8.7	44665	1475	401	173	1.42	99		64	11.6	0.48		7.32		1.6	6.4
6016270	-20#	0.05	3.1		48	0.12	251	-0.05	4.71	79	6.6	15373	1320	376	155	1	87		54	6.1	0.29		4.92		1.12	4.7
6016271	-20#	0.05	2		55	0.13	295	-0.05	6.09	80	7.2	11729	1603	454	296	1.25	94		72	6.1	0.27		5.13		1.14	5.9
6016272	-20#	0.05	1.5		41	0.11	209	-0.05	4.37	70	5.7	8512	1161	295	167	0.95	69		48	4.1	0.23		4.14		0.96	2.7
6016273	-20#	0.05	0.8		31	0.08	208	-0.05	2.17	161	7.3	5603	957	297	39	1.74	64		58	7.3	0.2		2.95		0.63	3.2
6016274	-20#	0.05	1		23	0.09	73	-0.05	1.52	112	7.3	7428	443	114	37	1.98	88		39	3.2	0.22		3.81		0.62	2.9
6016275	-20#	0.05	2		49	0.16	500	-0.05	3.27	90	6.5	14159	1374	542	88	1.1	126		71	6.7	0.29		5.97		1.19	6.5
6016276	-20#	0.05	0.9		37	0.15	331	-0.05	3.37	75	6	9750	1144	437	98	0.84	78		66	5.4	0.26		5.37		0.9	4
6016277	-20#	0.05	1.5		34	0.14	242	-0.05	3.61	75	5.1	10677	1013	364	38	0.78	66		56	5.3	0.25		4.83		0.9	5.2
6016278	-20#	0.05	3.9		54	0.2	439	-0.05	8.18	70	9.6	29570	1758	668	139	1.13	94		98	20.2	0.39		6.77		1.69	6

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6016279	-20#	0.05	2.1		60	0.21	337	-0.05	5.32	53	7.1	14790	1985	843	56	0.68	126		67	10	0.32		8.15		1.25	5.6
6016280	-20#	0.05	1.3		42	0.15	306	-0.05	5.81	63	6.6	12562	1366	527	67	0.7	86		71	8.7	0.29		5.92		1.04	4.8
6016281	-20#	0.05	1.5		44	0.12	357	-0.05	5.87	41	6	10064	916	403	178	0.48	68		88	5.2	0.24		4.42		0.8	4.3
6016282	-20#	0.05	1.1		30	0.1	167	-0.05	2.91	62	7.8	8624	757	253	50	0.99	53		66	4.5	0.23		3.86		0.72	4.1
6016283	-20#	0.05	1.1		36	0.12	305	-0.05	2.52	56	5.2	8552	903	267	53	0.57	59		57	4.5	0.21		4.26		0.71	3.7
6016284	-20#	0.05	1.5		46	0.12	399	-0.05	3.37	32	5.1	10558	808	525	74	0.44	63		49	4.4	0.2		3.84		0.66	5.1
6016285	-20#	0.05	2.1		63	0.16	648	-0.05	4.9	51	6.8	16023	1203	827	61	0.86	103		72	6.5	0.24		5.34		0.97	8.5
6016286	-20#	0.05	1.3		45	0.11	344	-0.05	2.4	56	5.3	8606	984	511	38	0.46	102		70	5.2	0.2		3.16		0.55	4
6016287	-20#	0.05	1.3		35	0.13	240	-0.05	3.1	83	6.4	9061	755	288	47	0.88	86		67	4.4	0.2		3.3		0.56	1.8
6016288	-20#	0.05	1.1		28	0.13	141	-0.05	2.1	75	7	7625	642	247	26	0.78	63		54	4	0.2		2.83		0.5	2.6
6016289	-20#	0.05	1.5		28	0.12	76	-0.05	2.5	84	7.1	9311	830	265	24	1.02	64		78	4.9	0.3		3.35		0.64	4.1
6016290	-20#	0.05	1.3		29	0.13	82	-0.05	2.1	81	5.8	7628	781	233	23	0.88	70		57	4.2	0.3		3.38		0.58	2.8
6016291	-20#	0.05	1.5		31	0.12	95	-0.05	2.6	257	14.3	10207	839	256	42	2.68	73		58	4.4	0.3		3.26		0.56	4.3
6016292	-20#	0.05	1.5		33	0.14	72	-0.05	3.8	106	9.5	9881	865	259	49	1.15	75		65	5	0.3		3.72		0.7	4.2
6016293	-20#	0.05	2.5		98	0.12	188	-0.05	5.4	136	7.6	13474	945	288	304	1.46	85		68	6.9	0.3		3.19		0.6	4.7
6016294	-20#	0.05	2		44	0.16	201	-0.05	3.4	112	7.6	11005	1307	514	42	1.33	105		82	4.8	0.3		4.22		0.77	3.3
6016295	-20#	0.05	1.2		58	0.21	196	-0.05	3	58	9.2	12054	1591	627	28	0.86	155		85	6.7	0.3		6.21		1.21	6.4
6016296	-20#	0.06	2.5		51	0.22	84	-0.05	3.7	63	10.3	16368	1498	684	29	0.92	171		84	7.7	0.4		6.07		1.2	6.3
6016297	-20#	0.05	1.1		40	0.14	76	-0.05	1.8	92	7.1	7550	929	404	24	0.99	121		53	4.8	0.3		4.23		0.8	4.2
6016298	-20#	0.05	1.3		44	0.14	173	-0.05	1.8	161	9.1	9677	1142	318	41	1.35	84		55	5.1	0.2		3.98		0.69	4.9
6016299	-20#	0.09	1.7		40	0.14	139	-0.05	2.2	205	9.6	9694	872	303	39	2.34	123		61	4.7	0.3		3.8		0.68	5.9
6016341	-20#	0.07	2.3		29	0.24	105	-0.05	4.03	114	8.3	17374	997	311	96	1.66	98		60	6.1	0.48		5.2		0.99	6.1
6016342	-20#	0.07	2.1		31	0.19	196	-0.05	3.78	52	7.6	14774	952	320	99	1.42	86		57	5.5	0.42		4.95		0.89	5.3
6016343	-20#	0.05	0.9		21	0.16	154	-0.05	2.44	303	10.7	12807	593	228	66	3.52	56		42	3.6	0.35		3.12		0.59	4.4
6016344	-20#	0.05	1.5		36	0.14	224	-0.05	3.04	274	12.9	13423	1103	241	100	3.49	88		48	4	0.39		3.35		0.78	6.5
6016345	-20#	0.05	2.2		43	0.19	183	-0.05	4.64	238	13.7	17331	1420	345	130	3.42	95		60	5.1	0.46		4.54		1	9.5
6016346	-20#	0.05	2.7		45	0.18	97	-0.05	5.08	217	16.3	18350	1778	350	156	3.35	95		51	5.4	0.47		4.74		1	4.8
6016347	-20#	0.05	1.7		38	0.15	197	-0.05	3.95	179	12.1	16232	1223	290	113	2.85	85		44	4.9	0.37		4.29		0.9	5.1
6016348	-20#	0.06	1.6		38	0.16	179	-0.05	3.79	206	13.7	13858	1228	331	105	3.1	93		56	5.2	0.36		4.25		0.99	5.1
6016349	-20#	0.05	1.2		37	0.14	236	-0.05	3.93	128	8.8	11900	1234	294	131	1.41	84		59	4.9	0.31		4.41		0.93	4.8
6016350	-20#	0.05	4.1		41	0.23	216	-0.05	5.99	82	10.1	14216	1281	375	178	1.45	88		70	7	0.35		5.3		1.15	5.4
6016351	-20#	0.05	2.7		37	0.19	149	-0.05	4.49	115	10.9	14018	1134	327	83	1.76	80		51	6.4	0.31		4.95		1.01	5.1
6016352	-20#	0.05	2.6		36	0.15	393	-0.05	4.68	194	11.9	15455	817	252	300	2.69	57		65	5.5	0.33		3.93		0.74	3.8
6016353	-20#	0.05	2.6		28	0.16	191	-0.05	3	162	11.1	15846	677	229	187	2.32	-50		63	4.7	0.3		3.25		0.58	4.8
6016354	-20#	0.05	2.9		32	0.18	229	-0.05	4.36	272	12.6	17972	1108	252	285	3.73	59		64	5.4	0.35		4.03		0.71	4.4
6016355	-20#	0.05	3		33	0.16	178	-0.05	3.81	149	9.9	16810	873	274	250	2.19	53		65	5.1	0.34		3.88		0.61	4.2

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6016356	-20#	0.05	1		28	0.12	97	-0.05	2.17	128	10.7	8625	806	176	51	2.31	56		39	3.5	0.25		3.22		0.54	3.6
6016357	-20#	0.05	1.4		32	0.11	201	-0.05	3.87	217	14.1	11177	826	254	192	3.31	62		43	4.2	0.3		3.35		0.71	3.6
6016358	-20#	0.05	2.2		30	0.11	169	-0.05	4.2	277	12.1	16702	763	185	127	3.35	59		44	5.1	0.36		3.58		0.68	3.8
6016359	-20#	0.06	1.1		48	0.12	75	-0.05	2.88	281	16.9	12494	1715	222	85	4	71		36	4.1	0.33		3.42		0.8	4.3
6016360	-20#	0.09	1.6		52	0.12	76	-0.05	2.34	226	15.9	12262	1498	268	77	3.54	91		38	4.7	0.33		4.27		0.94	4.2
6016361	-20#	0.08	1.1		30	0.1	71	-0.05	1.96	348	19.7	12377	661	112	63	5.28	80		33	3.1	0.34		3.36		0.63	3.9
6016362	-20#	0.05	1		43	0.14	179	-0.05	2.72	201	13.4	9815	3223	230	62	3.13	80		43	4	0.28		4.02		0.83	3.5
6016363	-20#	0.08	3.7		56	0.27	546	-0.05	8.25	55	16.9	23701	1225	662	174	1.55	103		95	11.9	0.44		7.75		1.4	7.9
6016364	-20#	0.05	2.4		52	0.18	432	-0.05	3.84	148	11.5	15401	616	544	174	1.57	88		82	9.1	0.31		4.33		0.85	5.9
6016365	-20#	0.06	4.8		71	0.21	838	-0.05	4.89	84	11.7	26262	911	1906	79	1.61	158		93	11.1	0.42		5.85		1.06	8.3
6016366	-20#	0.06	4.5		107	0.2	640	-0.05	5.04	167	14.6	24402	1558	1027	191	2.47	138		173	9.5	0.44		5		1.32	6.5
6016367	-20#	0.06	1.8		61	0.17	314	-0.05	10.45	135	13.2	14963	3210	650	332	1.69	142		82	8.2	0.35		5.48		1.37	5.2
6016368	-20#	0.06	2		71	0.18	84	-0.05	8.03	190	16.5	13684	1993	363	183	2.54	111		91	8.3	0.35		6.19		1.55	4.5
6016369	-20#	0.05	1.3		53	0.16	120	-0.05	7.94	254	17.4	13292	1579	370	264	2.77	105		92	7.2	0.34		4.92		1.55	5.9
6016370	-20#	0.09	1.2		49	0.16	194	-0.05	3.83	182	14.1	11529	1367	409	88	2.13	110		87	7.2	0.28		4.95		1.2	5
6016371	-20#	0.1	2.3		81	0.34	132	-0.05	6.41	48	7.7	12788	1269	600	127	0.73	203		64	7.6	0.37		6.9		1.54	5.6
6016372	-20#	0.05	1.2		56	0.2	198	-0.05	3.35	70	8.4	9081	1757	642	23	0.69	189		64	6.1	0.34		6.39		1.32	24.2
6016373	-20#	0.05	1.3		63	0.18	47	-0.05	2.07	108	6.4	6832	1062	222	73	1.07	137		46	5.1	0.29		3.66		0.82	3.8
6016374	-20#	0.05	1.1		47	0.17	44	-0.05	1.57	69	6.3	5521	926	312	16	0.62	115		50	4.3	0.26		4.16		0.81	4.7
6016375	-20#	0.05	2.5		37	0.16	47	-0.05	1.1	37	4.7	8203	854	197	29	0.47	57		47	3.9	0.32		4.03		0.74	4.8
6016376	-20#	0.05	0.9		36	0.2	79	-0.05	1.44	144	6.7	4519	1264	281	47	1.14	75		49	3.3	0.32		3.64		0.87	3.6
6016377	-20#	0.05	0.8		43	0.18	61	-0.05	1.78	121	5.2	5541	1599	403	24	1.01	128		62	4.1	0.3		4.6		0.77	7.5
6016378	-20#	0.05	1		36	0.17	55	-0.05	3.56	63	5.7	8097	1376	328	58	0.69	77		56	4.6	0.29		5		1.05	9.5
6016379	-20#	0.05	2.2		34	0.16	161	-0.05	2.27	61	5.2	14166	876	236	71	0.79	67		39	4.7	0.35		4.54		1	6.9
6016380	-20#	0.05	2.8		33	0.21	76	-0.05	2.53	98	5.2	19078	973	232	33	1.13	92		39	4.4	0.38		4.36		0.85	4.5
6016381	-20#	0.05	1.8		32	0.16	145	-0.05	1.47	103	5.1	12665	834	187	54	1.03	80		38	3.3	0.33		3.47		0.68	4.6
6016382	-20#	0.05	0.8		27	0.07	116	-0.05	1.94	138	8	5141	818	144	57	1.3	65		32	2.8	0.17		3.3		0.6	4.3
6016383	-20#	0.05	0.8		42	0.15	172	-0.05	4.12	82	5.9	6251	1239	262	112	0.76	77		51	3.8	0.25		4.68		0.94	7.6
6016384	-20#	0.05	1.2		47	0.22	76	-0.05	3.59	44	6.7	9790	1634	473	22	0.54	107		61	6.6	0.34		5.96		1.42	8.1
6016385	-20#	0.05	2.4		40	0.26	122	-0.05	2.79	43	5.5	14166	1250	345	68	0.58	129		60	5.4	0.35		4.79		1.07	6.3
6016386	-20#	0.05	1.1		37	0.22	45	-0.05	2.64	79	7.2	7580	1100	250	24	0.7	117		44	5.7	0.34		4.99		1.04	6.5
6016387	-20#	0.05	1.6		30	0.31	183	-0.05	3.81	57	6	9569	781	239	105	0.53	64		56	4.4	0.27		3.98		0.81	7.3
6016388	-20#	0.05	1.1		36	0.14	107	-0.05	3.07	93	5.5	8050	909	262	46	0.82	93		47	3.8	0.3		4.08		0.91	5.1
6016389	-20#	0.05	2.2		43	0.24	220	-0.05	2.7	70	5.7	15638	1026	291	91	0.77	112		54	4.7	0.42		4.95		0.93	12.4
6016390	-20#	0.05	2.7		37	0.19	323	-0.05	3.77	90	6.4	17948	1083	324	124	1	130		68	5.8	0.55		5.21		1.2	7.5
6016391	-20#	0.05	1.7		35	0.16	173	-0.05	4.14	35	5.3	11544	1018	315	123	0.55	98		51	4.9	0.31		4.53		1.05	6.3

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6016392	-20#	0.08	2.9		35	0.21	127	-0.05	5.65	59	6.7	12509	974	285	160	0.68	108		61	6.4	0.3		4.82		1.1	7.3
6016393	-20#	0.05	2.5		32	0.19	150	-0.05	3.8	35	6.3	11208	949	287	105	0.51	99		56	5.3	0.28		4.75		1.1	8
6016394	-20#	0.05	2.2		34	0.18	237	-0.05	4.06	69	7.6	12942	846	316	150	0.77	88		69	6	0.43		4.78		1.11	6.7
6016395	-20#	0.05	2.2		35	0.21	369	-0.05	6.68	45	7.7	13255	955	313	141	0.59	103		61	5.9	0.3		5.56		1.27	6.9
6016396	-20#	0.05	1.7		34	0.21	69	-0.05	3.92	74	8.5	11456	828	246	45	0.75	90		63	5.7	0.32		5.26		1.13	14.6
6016397	-20#	0.05	1.3		39	0.24	129	-0.05	2.68	66	6.8	7160	991	253	34	0.59	98		56	5.3	0.29		5.1		0.95	4.5
6016398	-20#	0.05	1.8		35	0.19	65	-0.05	2.52	127	7.4	9035	642	219	27	1.11	76		50	4.4	0.27		3.34		0.7	8.7
6016399	-20#	0.05	2.7		66	0.23	284	-0.05	4.45	56	11.2	19146	881	726	40	0.78	258		57	8.9	0.36		6.17		1.18	8.4
6016400	-20#	0.05	1.2		42	0.2	126	-0.05	2.2	97	9.4	10416	583	210	48	1.56	139		37	5.2	0.27		5.39		1	7.6
6016401	-20#	0.05	2		32	0.26	79	-0.05	4.18	35	6.8	14994	813	347	40	0.63	77		56	5.9	0.35		6.77		1.18	6.6
6016402	-20#	0.05	1.5		40	0.2	163	-0.05	6.08	84	7.4	11164	1075	393	94	0.78	94		59	5.4	0.33		6.47		1.23	7.6
6016403	-20#	0.05	2.5		36	0.26	245	-0.05	4.96	80	8	18032	972	342	113	0.87	106		47	7.6	0.43		7.12		1.34	11.1
6016404	-20#	0.05	3.8		40	0.27	319	-0.05	5.63	92	8	22643	1208	380	179	1.15	113		64	8.1	0.5		7.52		1.5	9.9
6016405	-20#	0.05	3		42	0.25	163	-0.05	5.25	49	6.9	19463	1301	334	123	0.73	100		62	7.5	0.43		6.38		1.31	9.4
6016406	-20#	0.05	1.9		47	0.16	290	-0.05	2.86	201	8.6	13556	1221	317	134	1.68	91		53	4.7	0.38		4.21		0.91	7.8
6016407	-20#	0.05	2.4		57	0.2	230	-0.05	4.94	65	6	14244	2056	522	135	0.72	95		61	6	0.38		5.85		1.25	14.6
6016408	-20#	0.05	2.6		70	0.23	331	-0.05	7.31	50	7.1	13851	3090	627	272	0.57	111		74	6.2	0.36		6.77		1.37	10.1
6016409	-20#	0.05	1.7		45	0.17	74	-0.05	2.55	64	6.1	8221	1507	308	27	0.91	71		56	4.7	0.29		4.42		0.81	13
6016410	-20#	0.05	1.3		61	0.23	210	-0.05	2.75	139	7.2	8897	1539	258	104	1.08	88		53	4.8	0.27		5.13		0.96	5.6
6016411	-20#	0.1	3		35	0.26	216	-0.05	5.59	126	7.3	10905	1060	293	113	1.89	63		61	4.4	0.31		4.61		0.91	3.8
6016412	-20#	0.06	2.7		34	0.22	263	-0.05	2.63	90	6	9702	1179	324	83	1.42	79		70	4.5	0.27		4.32		0.84	4.2
6016413	-20#	0.05	1.4		34	0.15	110	-0.05	3	109	10.3	7259	1470	412	109	2.33	64		40	3	0.28		3.38		0.69	4.6
6016414	-20#	0.05	1.6		26	0.11	120	-0.05	3.4	56	5.6	7814	749	163	66	1.17	55		41	4.4	0.22		2.94		0.56	4.6
6016415	-20#	0.05	11		110	0.27	556	-0.05	16.07	58	15.1	56887	1722	787	292	1.51	140		232	15.5	0.79		7.87		1.86	9.4
6016416	-20#	0.05	1.3		29	0.13	269	-0.05	2.17	132	7.9	8653	607	176	38	1.79	-50		60	4.2	0.27		3.76		0.66	4
6016417	-20#	0.05	2.5		45	0.15	181	-0.05	2.32	144	9.4	15824	1039	375	37	1.69	73		72	6.3	0.38		5.55		1.21	4
6016418	-20#	0.05	1.3		41	0.19	433	-0.05	3.57	46	6.7	9625	1202	379	146	0.75	89		56	5	0.28		5.64		1.02	5.4
6016419	-20#	0.05	1.5		32	0.13	229	-0.05	4.48	112	7.9	7728	924	209	105	1.41	59		44	3.8	0.26		3.71		0.75	3.3
6016420	-20#	0.05	1.3		38	0.18	214	-0.05	3.68	40	6.3	8496	1411	374	65	0.57	74		68	5.4	0.3		5.81		1.12	4.7
6016421	-20#	0.05	2.5		48	0.2	335	-0.05	6.77	109	9.1	16561	1617	565	94	1.14	99		103	8.6	0.37		6.79		1.38	6.7
6016422	-20#	0.05	0.7		30	0.1	185	-0.05	2.69	92	5.9	6523	885	229	50	1.22	58		42	3	0.25		3.35		0.63	3.7
6016423	-20#	0.05	1.3		22	0.1	113	-0.05	1.9	130	8.2	8397	655	141	40	1.99	-50		31	2.4	0.27		2.34		0.45	3.4
6016424	-20#	0.05	1		26	0.08	131	-0.05	1.08	88	5.7	5905	612	138	34	1.24	-50		34	2.2	0.21		2.16		0.39	3.6
6016425	-20#	0.05	2.8		24	0.15	106	-0.05	2.04	134	7.4	17909	501	158	55	1.72	-50		39	3.7	0.36		3		0.47	2.7
6016426	-20#	0.05	1		22	0.12	76	-0.05	1.46	80	6	7771	496	116	32	1.17	-50		38	2.8	0.24		3.18		0.49	3.8
6016427	-20#	0.05	0.9		25	0.09	149	-0.05	2.7	166	8.1	7397	480	110	88	1.99	-50		39	2.4	0.25		2.66		0.45	8.2

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6016428	-20#	0.05	1.3		22	0.11	128	-0.05	2.02	86	5.1	7845	463	119	40	1.08	-50		32	2.8	0.27		2.75		0.46	3.6
6016429	-20#	0.05	0.9		20	0.11	106	-0.05	2.23	106	7.8	8251	395	121	57	1.95	-50		34	2.7	0.25		2.38		0.43	3.5
6016430	-20#	0.05	1		30	0.13	199	-0.05	3.2	107	5	6281	506	165	78	0.9	-50		48	3.2	0.22		3.23		0.54	4.2
6016431	-20#	0.05	2.5		60	0.15	323	-0.05	8.34	74	8.2	15988	1451	486	224	1.08	88		67	6.7	0.35		5.22		1.07	8.8
6016432	-20#	0.05	1.5		45	0.17	174	-0.05	2.94	65	7.1	9406	1381	421	27	0.65	88		65	5.8	0.34		5.85		1.1	6.1
6016433	-20#	0.05	1.7		31	0.12	105	-0.05	3.87	79	7.6	10715	915	302	44	0.93	62		75	5.2	0.33		4.19		0.92	4.8
6016434	-20#	0.05	2.2		38	0.17	95	-0.05	3.45	48	7.4	12712	1295	423	24	0.67	76		65	6.4	0.37		5.6		1.14	7.4
6016435	-20#	0.05	2.1		30	0.13	111	-0.05	3.92	146	8	12928	815	247	82	1.36	58		56	4.3	0.33		3.91		0.77	4.5
6016436	-20#	0.05	1.3		29	0.11	46	-0.05	2.57	83	6.2	8361	616	222	23	0.78	-50		66	4.4	0.28		3.33		0.64	4.7
6016437	-20#	0.05	1.1		33	0.07	68	-0.05	2.79	164	8.2	7966	441	120	53	2.03	-50		41	3.2	0.28		2.25		0.47	3.2
6016438	-20#	0.05	1.3		41	0.09	59	-0.05	2.9	153	7.6	8204	511	142	38	1.53	-50		66	4.1	0.29		3.23		0.63	4.3
6016439	-20#	0.05	1		35	0.07	110	-0.05	3.01	299	10.5	9673	472	142	81	2.53	-50		58	3.7	0.25		2.4		0.55	7
6016440	-20#	0.05	2		43	0.13	58	-0.05	2.09	62	5.1	9662	675	194	23	0.73	-50		79	5.4	0.29		4.07		0.69	6.9
6016441	-20#	0.05	2.9		37	0.13	114	-0.05	3.28	158	8.4	18601	784	227	90	1.81	54		64	5.4	0.37		4.16		0.87	5
6016442	-20#	0.05	2.4		65	0.22	334	-0.05	3.41	68	8.3	16126	1008	607	44	1.04	170		78	9	0.39		6.85		1.32	15.2
6016443	-20#	0.06	2.7		54	0.23	634	-0.05	3.72	76	9.3	20336	913	1103	47	1.37	188		51	8.2	0.38		5.92		1.29	13
6016444	-20#	0.06	3.8		55	0.26	417	-0.05	5.21	61	12.4	25567	1080	1377	89	1.25	159		67	11.9	0.49		7.18		1.37	12.6
6016445	-20#	0.05	2.3		47	0.23	415	-0.05	4.99	63	12.8	15481	1268	538	92	0.98	143		83	7.8	0.44		6.97		1.41	10.5
6016446	-20#	0.06	1.8		43	0.18	83	-0.05	3.91	51	13	12847	965	484	27	0.81	109		72	7.3	0.44		5.14		1.32	7.2
6016447	-20#	0.08	5		36	0.19	134	-0.05	5.12	86	15.2	24012	1021	259	133	1.55	93		69	9.7	0.61		5.14		1.32	7.6
6016448	-20#	0.1	5		36	0.16	343	-0.05	3.85	125	21.8	24849	877	278	99	1.68	78		69	8.7	0.67		4.59		1.17	6.6
6016449	-20#	0.2	8.2		35	0.16	177	-0.05	4.35	187	24.2	25138	862	230	79	2.56	66		49	11.5	1.15		5.01		1.33	6.9
6016450	-20#	0.07	1.8		35	0.14	232	-0.05	4.15	111	11	8646	735	211	115	1.16	62		51	10.2	0.42		3.24		0.76	7
6018401	-20#	0.05	1		321	0.07	438	-0.05	23.4	86	10.7	47038	1E+04	1033	354	0.74	713		128	5.4	0.26		3.88		0.84	11.3
6018402	-20#	0.05	0.9		198	0.14	305	-0.05	10.88	262	29.6	25582	1E+04	991	114	2.38	412		111	4.4	0.34		4.14		0.9	12.5
6018403	-20#	0.05	2.1		131	0.16	289	-0.05	17.24	78	15.4	16301	6801	1029	357	0.82	272		83	6.4	0.4		5.9		1.36	10.9
6018404	-20#	0.1	4.3		139	0.25	361	-0.05	10.13	195	14.4	21137	8790	1645	233	1.15	369		79	10.4	0.52		7.7		1.74	6.9
6018405	-20#	0.1	1.8		159	0.2	293	-0.05	6.75	173	9.1	9475	1E+04	1083	188	0.79	232		51	6.4	0.38		6.37		1.38	4.5
6018406	-20#	0.1	2.1		186	0.27	637	-0.05	8.42	189	10.4	14352	1E+04	1431	454	0.89	302		77	7.9	0.36		9.47		1.8	3.2
6018407	-20#	0.1	2.1		192	0.27	446	-0.05	8.8	166	6.1	9930	2E+04	1591	304	0.79	256		60	7.9	0.38		9.86		2.22	3.9
6018408	-20#	0.06	1.5		118	0.24	523	-0.05	4.86	194	6.9	11405	9224	1089	243	0.85	224		61	5.3	0.34		7.24		1.37	6.9
6018409	-20#	0.08	1		129	0.2	307	-0.05	6.63	171	7.4	8702	9424	952	223	0.78	239		57	4.8	0.31		5.85		1.29	6.7
6018410	-20#	0.1	1.8		167	0.19	336	-0.05	21.12	153	9.2	8806	1E+04	965	398	0.7	233		59	6.7	0.35		5.98		1.27	5
6018411	-20#	0.1	1.8		159	0.23	274	-0.05	9.3	155	8.9	10871	1E+04	1365	191	0.7	231		70	5.6	0.36		7.15		1.62	6.4
6018412	-20#	0.1	2.9		159	0.31	680	-0.05	5.89	238	13.3	14224	1E+04	1282	371	1.04	273		79	9.2	0.43		9.12		1.75	4.3
6018413	-20#	0.06	2.4		99	0.11	71	-0.05	3.66	295	4.3	14735	2742	702	68	1.27	88		82	5.2	0.34		5.46		1.17	5.1

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6018414	-20#	0.1	3.5		184	0.3	363	-0.05	9.52	184	12.4	15947	1E+04	1749	344	0.9	302		94	8.2	0.49		9.49		2.08	9.4
6018415	-20#	0.2	6.2		212	0.36	582	-0.05	14.94	200	18.4	20526	2E+04	2500	400	0.95	285		100	13.5	0.65		11.4		2.29	9.5
6018416	-20#	0.09	2.9		284	0.21	385	-0.05	26.17	143	7.6	14925	2E+04	1836	664	0.66	273		80	7.6	0.47		8.97		1.97	9.5
6018417	-20#	0.1	2.6		138	0.28	361	-0.05	22.54	153	17.5	17741	4702	1522	896	0.76	178		103	6.5	0.45		9.2		2.6	15
6018418	-20#	0.1	3.1		113	0.2	224	-0.05	12.72	152	15.2	14558	3405	877	368	0.71	153		117	8.6	0.44		7		1.96	19.8
6018419	-20#	0.1	1		93	0.21	255	-0.05	4.73	179	6.4	9674	3033	667	101	0.73	136		82	5.7	0.35		5.23		1.36	6.7
6018420	-20#	0.05	1.2		65	0.1	218	-0.05	4.23	174	5.6	12974	2375	577	94	0.8	112		90	4.2	0.27		4.31		1.01	6.4
6018421	-20#	0.05	-0.5		218	0.09	491	-0.05	41.68	96	11.4	27721	1E+04	932	415	0.27	249		132	6.4	0.13		4.33		1.1	14.5
6018422	-20#	0.05	1		286	0.07	328	-0.05	60.14	120	10.1	47282	1E+04	1120	734	0.76	313		158	6.8	0.18		3.81		1.03	15.6
6018423	-20#	0.05	2		240	0.07	352	-0.05	28.24	68	12.9	73089	2E+04	1460	583	0.56	252		205	7.4	0.19		3.87		1.21	16.7
6018424	-20#	0.05	2.1		222	0.08	381	-0.05	24.3	115	12.1	84237	1E+04	1318	548	1.06	344		187	8.9	0.26		4.53		1.31	17.6
6018425	-20#	0.08	2.6		105	0.26	528	-0.05	3.76	50	7.7	9472	5282	978	86	0.4	152		83	5.7	0.23		6.48		1.3	3.7
6018426	-20#	0.05	2.5		139	0.27	327	-0.05	2.38	178	7.5	9261	9565	911	69	1.33	209		61	4.9	0.3		6.04		1.36	7.6
6018427	-20#	0.06	3.3		198	0.31	517	-0.05	4.45	137	9.3	17533	2E+04	2019	252	1.14	269		84	6.6	0.44		9.37		1.98	9.7
6018428	-20#	0.06	3.4		209	0.36	369	-0.05	5.36	71	6.7	17395	2E+04	1872	234	0.6	268		77	7.5	0.44		9.86		2.19	18.3
6018429	-20#	0.08	3.5		207	0.34	369	-0.05	5.83	214	11.3	14416	2E+04	1339	236	1.76	294		86	8.3	0.45		8.37		2.13	6.4
6018430	-20#	0.05	1.4		159	0.16	663	-0.05	5.02	90	7.9	8489	1E+04	1203	338	0.65	221		75	5.2	0.29		6.29		1.31	6.6
6018431	-20#	0.06	3.8		221	0.36	485	-0.05	16.33	112	12.3	21579	1E+04	1714	621	1.04	245		89	13.7	0.5		9.61		2.31	10
6018432	-20#	0.09	2.8		162	0.35	261	-0.05	5.87	86	12.1	10817	1E+04	983	241	0.72	250		72	7.6	0.4		7.11		1.91	7.4
6018433	-20#	0.1	2		146	0.21	447	-0.05	4.81	245	11.9	9614	1E+04	799	284	1.96	213		70	6.2	0.33		6.16		1.3	5.8
6018434	-20#	0.05	2.2		551	0.08	484	-0.05	16.5	237	10.7	100329	4E+04	3137	258	0.94	635		172	8	0.29		3.45		1.02	12.6
6018435	-20#	0.07	1.3		160	0.2	472	-0.05	18.25	362	15.8	18094	7115	1040	518	2.98	195		81	5.9	0.35		5.31		1.37	17.1
6018436	-20#	0.1	2.7		252	0.21	402	-0.05	23.89	149	18	15613	1E+04	1367	518	1.28	284		117	9.2	0.43		7.09		1.98	21.1
6018437	-20#	0.2	4.5		86	0.22	144	-0.05	38.83	219	23.8	18944	3853	899	417	1.93	139		105	11	0.47		6.98		1.98	11.8
6018438	-20#	0.2	3.9		95	0.16	347	-0.05	20.37	192	24.2	13895	3390	957	383	1.73	144		90	8.6	0.45		6.2		1.85	14.4
6018439	-20#	0.2	6.1		101	0.23	248	-0.05	14.82	309	34.1	20711	2917	730	404	2.68	153		148	13.3	0.57		8.12		2.38	19.2
6018440	-20#	0.2	3.3		48	0.14	129	-0.05	5.36	357	17.8	15498	1141	266	101	2.78	96		84	7.1	0.33		5.37		1.35	10.7
6018441	-20#	0.2	4.3		78	0.24	124	-0.05	3.95	165	16.2	17297	1937	452	95	1.52	131		116	13.7	0.54		7.5		1.77	11.9
6018442	-20#	0.2	3.4		126	0.22	335	-0.05	10.82	307	19.9	14960	5522	785	444	2.73	164		75	7.9	0.49		7.5		2.21	12.9
6018443	-20#	0.1	2.3		126	0.22	145	-0.05	2.84	155	15.3	10806	8294	883	69	1.4	195		61	8.1	0.39		7.12		1.67	9.4
6018444	-20#	0.2	4.9		132	0.25	397	-0.05	15.7	199	25.6	18173	2777	834	816	1.88	140		83	9.1	0.57		8.34		2.33	10.7
6018445	-20#	0.2	4.6		121	0.25	182	-0.05	10.58	239	24.4	16071	3598	912	455	2.11	207		109	12.6	0.66		9.37		2.64	11.5
6018446	-20#	0.2	4.5		97	0.23	158	-0.05	9.31	262	25.6	16768	2713	826	514	2.31	134		90	8.4	0.57		8.29		2.61	13.1
6018447	-20#	0.2	4.1		116	0.22	158	-0.05	15.35	233	32.8	15442	2967	861	680	2.05	140		95	9.9	0.49		8.49		2.34	13.1
6018448	-20#	0.2	4.5		230	0.23	192	-0.05	11.59	252	24.1	18123	4945	1056	537	2.3	191		78	12.5	0.56		8.3		2.27	8.5
6018449	-20#	0.2	2.8		154	0.2	342	-0.05	12.32	279	20.6	15460	1798	604	745	2.47	124		120	9.5	0.43		6.86		2.23	9.4

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6018450	-20#	0.2	5.2		81	0.22	143	-0.05	8.41	270	20	16169	1496	428	344	2.45	109		79	10.1	0.63		7.79		2.21	10.4
6018451	-20#	0.07	1.1		69	0.18	155	-0.05	12.15	234	14.4	10401	1383	368	379	1.98	94		53	4.5	0.33		5.56		1.64	5
6018452	-20#	0.08	1.1		169	0.18	291	-0.05	19.2	222	16.8	11604	7925	1073	511	1.77	183		70	6.4	0.32		6.7		1.69	8.9
6018453	-20#	0.06	1.5		181	0.15	199	-0.05	23.35	296	16.2	13497	9788	1083	487	2.48	250		65	6.4	0.37		6.97		1.82	8.7
6018454	-20#	0.09	1.5		166	0.22	177	-0.05	16.86	326	16.4	13346	7122	1199	216	2.77	225		70	6.2	0.39		7.83		2.01	8.9
6018455	-20#	0.1	2		158	0.32	290	-0.05	26.4	85	22.3	17493	6680	2269	175	0.78	227		74	8.9	0.4		9.53		2.72	11.8
6018456	-20#	0.05	1.5		100	0.18	346	-0.05	36.92	230	14.3	17719	2309	672	829	2.07	137		94	6.9	0.41		6.91		1.71	8.5
6018457	-20#	0.08	1.4		173	0.25	272	-0.05	12.95	94	16.2	13532	2591	819	543	0.82	200		99	4.6	0.39		8.46		2.51	8.9
6018458	-20#	0.06	1.5		144	0.2	249	-0.05	18.07	60	11.5	15045	3450	1027	584	0.52	155		76	4.4	0.38		8.08		2.04	16
6018459	-20#	0.06	0.9		167	0.2	335	-0.05	13.99	61	7.5	11485	7045	1123	466	0.5	193		72	4.4	0.34		6.7		1.63	9.9
6018460	-20#	0.06	2.4		115	0.24	493	-0.05	11.54	58	10.1	14485	8116	1009	669	0.47	207		71	8.5	0.36		7.83		1.73	7.9
6018461	-20#	0.1	2.4		206	0.29	653	-0.05	6.76	64	7.4	18893	2E+04	1852	483	0.53	361		92	8.2	0.46		10.7		2.3	14.1
6018462	-20#	0.05	2		203	0.11	239	-0.05	16.43	115	9.3	55387	1E+04	1033	309	0.68	250		134	5.5	0.26		4.96		1.2	9.3
6018463	-20#	0.05	1.2		200	0.09	196	-0.05	18.2	104	7.6	32095	1E+04	1148	435	0.63	146		86	4.9	0.23		4		0.9	8.3
6018464	-20#	0.05	1.9		224	0.11	164	-0.05	19.16	96	6.1	43345	1E+04	1355	277	0.56	178		84	6.8	0.28		4.47		1.09	8.3
6018465	-20#	0.05	2.2		396	0.1	283	-0.05	30.22	139	9.5	40749	3E+04	1013	571	0.94	291		93	5.4	0.29		3.82		1.03	13
6018466	-20#	0.05	1.9		81	0.11	265	-0.05	14.67	95	7.5	37783	5556	1114	276	0.48	223		52	5.7	0.27		4.33		1.02	8.1
6018467	-20#	0.05	5.9		139	0.2	172	-0.05	52.82	112	12.6	49182	2660	661	903	0.91	177		57	17.9	0.4		5.93		1.54	11.1
6018468	-20#	0.05	1.6		73	0.12	301	-0.05	8.09	240	9.8	16691	2322	493	328	1.91	150		59	4.9	0.3		5.03		1.3	8.8
6018469	-20#	0.05	1.7		86	0.14	124	-0.05	10.7	148	9.3	17129	3400	751	264	1.38	176		55	6.5	0.35		6.3		1.69	9.7
6018470	-20#	0.05	2.2		79	0.16	113	-0.05	7.01	61	6.4	20380	3470	793	115	0.6	233		77	6.9	0.34		7.14		1.65	13.3
6018471	-20#	0.05	2.5		131	0.14	100	-0.05	3.08	287	12.6	21570	2397	601	121	2.52	201		147	7.5	0.36		6.78		1.45	11.2
6018472	-20#	0.08	2		115	0.29	153	-0.05	8.03	154	11.5	20419	3629	747	181	1.49	158		98	6.5	0.39		7.35		2.01	12.8
6018473	-20#	0.07	5.3		314	0.18	655	-0.05	38.89	226	30.3	41073	3E+04	1274	439	1.41	298		217	5.9	0.36		3.9		1.62	27.9
6018474	-20#	0.1	2.4		183	0.16	468	-0.05	16.52	339	21.5	25536	1E+04	743	215	2.33	385		87	4.4	0.3		3.74		1.03	13.6
6018475	-20#	0.08	2.6		210	0.14	2739	-0.05	39.94	266	44.8	90845	7292	3789	1067	1.56	1594		201	6.1	0.22		3.38		0.63	99.4
6018476	-20#	0.07	2.2		206	0.09	3648	-0.05	33.66	255	61.1	84726	8764	4056	980	1.31	2017		162	4.7	0.17		2.83		0.5	80.2
6018477	-20#	0.07	3.9		320	0.18	5844	-0.05	44.15	195	36.7	64109	6066	7378	1252	0.62	1757		107	7.7	0.23		3.28		0.59	57
6018478	-20#	0.09	1.3		64	0.15	172	-0.05	2.65	130	10.9	7739	2581	607	65	3.12	146		50	4	0.35		4.94		1.03	5.1
6018479	-20#	0.07	1.1		65	0.14	235	-0.05	9.77	110	21.8	10278	2129	375	345	0.78	152		59	4.2	0.25		4.28		0.89	13.8
6018480	-20#	0.05	1.1		50	0.14	248	-0.05	8.36	59	9.1	9819	1773	368	236	0.35	95		60	4	0.21		4		0.74	7.1
6018481	-20#	0.08	2.8		77	0.15	378	-0.05	12.02	119	22.5	25445	3297	758	327	0.73	176		71	5.8	0.27		4.79		1.01	12.6
6018482	-20#	0.05	1.1		61	0.12	334	-0.05	5.21	75	15.1	14780	2776	509	114	0.39	151		68	3.5	0.18		3.86		0.76	10.3
6018483	-20#	0.06	0.8		73	0.13	343	-0.05	4.5	116	13.9	15403	3342	579	129	0.47	196		71	3.8	0.17		4.1		0.78	10.5
6018484	-20#	0.06	2.3		110	0.13	249	-0.05	19.66	140	18.2	19003	2996	506	515	1.23	115		80	4.4	0.27		4.15		0.89	4.7
6018485	-20#	0.05	2.2		79	0.11	198	-0.05	12.03	96	15.7	13456	3792	500	204	0.66	112		83	3.8	0.23		4.25		0.97	7.3

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6018486	-20#	0.08	4.2		163	0.1	435	-0.05	38.56	260	28.7	23016	6038	564	980	1.83	139		125	4.7	0.29		4.2		1.09	7.2
6018487	-20#	0.06	1.4		50	0.08	531	-0.05	4.05	126	13	27110	1427	415	141	0.64	120		101	3.9	0.26		3.83		0.91	5.8
6018488	-20#	0.06	1.2		63	0.1	172	-0.05	5.29	96	11.3	20422	2407	708	48	0.76	142		103	3.6	0.25		4.21		0.91	4.2
6018489	-20#	0.05	1.2		56	0.12	189	-0.05	9.25	99	12.7	11304	1618	393	229	0.8	107		66	4.7	0.24		4.51		0.85	10.8
6018490	-20#	0.06	1.4		100	0.12	246	-0.05	7.69	366	17.9	22965	3208	873	319	3.08	128		136	4.8	0.46		6.79		1.45	9.7
6018491	-20#	0.05	2.3		56	0.11	218	-0.05	5.07	179	18.1	29439	1739	456	91	1.69	96		132	4.9	0.34		4.21		0.96	12
6018492	-20#	0.07	1.3		72	0.15	192	-0.05	4.04	281	15.9	17126	2379	577	113	2.86	120		86	5.1	0.44		5.46		1.23	8.7
6018493	-20#	0.05	1.4		98	0.14	218	-0.05	6.04	190	13.5	11006	7834	1062	155	1.58	183		63	4.8	0.33		5.81		1.15	11.3
6018494	-20#	0.07	1.8		130	0.15	331	-0.05	6.82	277	13.6	14958	1E+04	1066	237	2.31	213		53	12	0.41		6.66		1.29	11.2
6018495	-20#	0.09	2.2		147	0.14	190	-0.05	27.68	122	15.2	11945	1E+04	1243	296	1.15	222		100	7	0.45		8.23		1.82	12.6
6018496	-20#	0.05	3.1		349	0.08	707	-0.05	22.28	165	13.6	48289	2E+04	1020	356	1.34	290		188	5.9	0.3		3.83		1.11	11.3
6018497	-20#	0.05	2.3		38	0.08	275	-0.05	2.83	186	11.3	18313	1336	347	78	1.54	89		54	3.1	0.32		3.49		0.79	9
6018498	-20#	0.07	2.7		59	0.17	171	-0.05	2.64	308	15.7	18364	2130	492	67	2.76	115		54	4.5	0.42		4.95		1.19	10.5
6018499	-20#	0.1	3.9		57	0.16	304	-0.05	6.71	186	17	16947	2032	595	103	1.89	105		75	6.2	0.37		5.46		1.21	8.8
6018500	-20#	0.1	3.2		66	0.21	243	-0.05	13.77	182	16.3	15737	2296	861	194	1.5	120		66	9.6	0.39		7.42		1.56	6.3
6018501	-20#	0.1	3.5		95	0.27	147	-0.05	10.35	91	13.2	13447	6845	1335	323	0.94	142		86	7.8	0.38		7.42		1.79	3.9
6018502	-20#	0.08	2.1		67	0.17	190	-0.05	5.49	264	12	10834	3103	507	155	1.84	101		61	5	0.3		5.14		1.07	5.6
6018503	-20#	0.05	1.7		40	0.1	146	-0.05	2.9	102	6.2	9801	1291	333	121	0.91	74		59	4.1	0.28		4.71		0.93	3.8
6018504	-20#	0.06	1.8		323	0.08	293	-0.05	7.5	236	16.7	28584	9692	780	105	1.77	292		181	4.6	0.31		3.44		0.79	10.1
6018505	-20#	0.05	1.4		273	0.08	412	-0.05	13.75	102	14.1	22450	8179	647	306	0.71	313		131	4.6	0.23		3.42		0.76	7.1
6018506	-20#	0.05	1		187	0.1	281	-0.05	6.5	111	14	19310	6536	733	82	0.95	194		128	4.1	0.24		3.97		0.82	6.9
6018507	-20#	0.05	0.6		98	0.1	309	-0.05	4.37	75	9.3	11015	3240	432	175	0.55	135		74	3.2	0.2		3.29		0.65	5.4
6018508	-20#	0.05	1.2		71	0.1	224	-0.05	2.65	280	14.9	11104	2495	303	78	1.93	109		51	3.2	0.23		3.36		0.6	6.8
6018509	-20#	0.05	0.7		51	0.08	121	-0.05	1.18	114	8.9	6964	1716	141	39	1.05	78		41	2.5	0.19		2.71		0.5	5.4
6018514	-20#	0.06	2.7		437	0.08	439	-0.05	20.46	255	15.4	71719	2E+04	1187	400	2.98	509		299	7.2	0.3		6.14		1.49	3.5
6018515	-20#	0.05	1.9		308	0.09	389	-0.05	15.83	213	9.9	40843	1E+04	1229	277	2.88	554		213	5.4	0.23		5.2		1.12	6.9
6018516	-20#	0.05	1.5		216	0.1	275	-0.05	5.03	163	10.6	25552	8803	882	68	3.3	290		172	4.4	0.21		5.04		1	2.2
6018517	-20#	0.05	1.3		179	0.12	291	-0.05	4.82	119	5.9	16195	7564	490	95	1.9	247		112	4.6	0.15		4.66		0.91	4.2
6018518	-20#	0.05	2		227	0.13	417	-0.05	14.09	161	8.7	24230	7738	624	369	2.16	266		147	5.8	0.24		5.17		1.04	4.6
6018519	-20#	0.05	1.4		271	0.12	508	-0.05	17.85	190	8.2	30359	1E+04	940	374	1.77	399		179	6.2	0.23		5.92		1.23	3.4
6018520	-20#	0.05	1.5		243	0.12	402	-0.05	15.45	161	9.1	27011	9732	951	306	1.12	345		160	5.9	0.21		5.78		1.2	6.3
6018533	-20#	0.05	1.3		253	0.08	859	-0.05	13.64	433	13.1	44756	1E+04	1160	281	4.04	916		166	5.1	0.27		4.06		0.96	12.6
6018534	-20#	0.05	3.6		412	0.12	421	-0.05	92.51	214	11.9	73588	1E+04	2197	1892	3.98	702		235	9	0.41		5.08		1.24	9.4
6018535	-20#	0.05	4.5		352	0.29	1214	-0.05	16.1	249	17.4	53514	2E+04	2099	194	3.31	1542		181	9.1	0.25		4.79		1.01	22.9
6018536	-20#	0.05	3.5		397	0.1	900	-0.05	58.23	165	8.7	88662	2E+04	3003	471	3.78	2159		273	9.2	0.26		5.61		1.32	16.4
6018537	-20#	0.05	2.3		164	0.16	595	-0.05	4.94	102	8.6	12321	4793	765	242	2.65	145		143	6.4	0.29		5.36		1.3	1.8

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6018538	-20#	0.05	2.2		98	0.13	523	-0.05	5.21	263	9.6	21185	3695	695	236	6.14	136		85	5.6	0.39		5.49		1.28	3.3
6018539	-20#	0.05	2		196	0.14	1072	-0.05	8.99	238	9.3	17349	6430	921	624	2.94	185		142	6.9	0.34		5.79		1.36	2.3
6018540	-20#	0.08	2.2		138	0.23	208	-0.05	3.31	186	7.8	15267	6394	768	113	5.06	176		89	5.5	0.37		5.83		1.47	3.4
6018541	-20#	0.2	5.4		183	0.24	578	-0.05	6.14	247	14	20057	1E+04	1675	141	2.9	253		124	11.5	0.57		8.19		1.99	6.4
6018542	-20#	0.3	4		465	0.26	1517	-0.05	15.67	351	23.9	18214	2E+04	2000	1342	3.72	289		291	13.6	0.59		8.88		2.11	10.4
6018543	-20#	0.2	3		128	0.25	216	-0.05	5.35	199	8.3	11019	8010	1002	114	2.34	172		58	7.9	0.39		6.27		1.35	4
6018544	-20#	0.2	6.5		162	0.29	676	-0.05	8.68	307	19.6	22225	1E+04	2065	403	3.25	294		73	15.9	0.67		10.1		2.01	5.6
6018545	-20#	0.1	5.6		175	0.26	399	-0.05	5.92	212	16.3	18081	1E+04	1891	450	2.29	292		80	12	0.59		9.13		1.89	4.3
6018546	-20#	0.2	12.9		166	0.32	665	-0.05	10.3	282	27	23123	1E+04	2590	533	3.06	281		103	21	0.95		10.6		2.08	8.1
6018547	-20#	0.1	2.9		182	0.19	600	-0.05	6.99	251	16.2	13613	1E+04	1171	463	2.2	244		84	8.7	0.36		6.89		1.4	3.3
6018548	-20#	0.05	1.1		200	0.11	139	-0.05	5.22	248	9.8	21119	8176	948	50	2.4	189		131	5.2	0.24		5.15		1.01	3.9
6018549	-20#	0.05	1.7		445	0.09	521	-0.05	22.27	272	14.9	80089	2E+04	1198	388	2.61	514		221	7.9	0.24		4.85		1.22	5.3
6018550	-20#	0.05	1.8		33	0.17	91	-0.05	3.2	453	6.1	11224	1303	326	78	1.88	71		63	3.9	0.22		4.29		0.88	5.3
6018551	-20#	0.05	1.4		56	0.1	133	-0.05	2.39	402	12.7	12875	2630	270	99	7.88	102		32	3.1	0.3		3.76		0.74	3.3
6018552	-20#	0.07	2.7		122	0.31	460	-0.05	4.27	255	8.3	12307	9097	1276	199	3.15	200		58	5.9	0.37		8.24		1.89	3.1
6018553	-20#	0.09	2.1		122	0.27	663	-0.05	3.37	371	12.3	13158	9533	1241	254	3.77	200		57	5	0.39		7.82		1.79	3.7
6018554	-20#	0.07	2.7		119	0.26	395	-0.05	5.47	277	7.4	13355	1E+04	1420	258	3.04	187		59	5.9	0.37		7.85		1.76	5.2
6018555	-20#	0.09	3.5		123	0.21	194	-0.05	16.36	341	13.5	17564	6778	838	584	5.2	149		51	8.2	0.45		6.57		1.65	5.7
6018556	-20#	0.06	4.4		186	0.2	148	-0.05	50.84	298	11.6	20818	3931	628	1521	4.65	116		50	11.9	0.41		5.56		1.31	4
6018557	-20#	0.06	2.7		97	0.19	83	-0.05	15.61	331	14.8	14662	3582	751	592	4.97	125		52	7	0.39		5.75		1.53	4.4
6018558	-20#	0.05	3.5		245	0.16	91	-0.05	35.92	279	12.6	15907	1992	401	1995	1.92	99		33	12.2	0.33		4.99		1.14	-0.5
6018559	-20#	0.05	2		106	0.14	97	-0.05	10.95	334	10.1	12152	2164	231	446	6.1	96		31	4.3	0.33		4.29		0.82	1.7
6018560	-20#	0.05	3.5		195	0.16	100	-0.05	31.91	299	8	19855	3138	436	1090	4.47	111		37	12.9	0.42		4.93		1	0.6
6018561	-20#	0.05	1.4		76	0.13	81	-0.05	2.4	299	5	9984	3905	350	100	2.05	128		40	4.4	0.25		4.51		0.81	2
6018562	-20#	0.05	1.8		126	0.11	109	-0.05	7	251	4.3	12480	4034	406	340	3.86	133		46	6.3	0.33		4.66		0.94	1
6018563	-20#	0.05	3.3		102	0.13	133	-0.05	14.53	500	13.9	24580	2473	462	422	8.38	117		49	9.4	0.5		5.37		1.13	4.3
6018564	-20#	0.05	3.4		41	0.12	79	-0.05	2.44	330	3.9	19192	1655	473	47	4.15	93		71	4.4	0.3		5.58		1.13	3.4
6018565	-20#	0.05	2.2		48	0.11	212	-0.05	4	688	11.3	16832	1188	386	277	8.1	110		94	4.8	0.44		5.82		1.34	5.8
6018566	-20#	0.05	1.3		56	0.14	95	-0.05	4.68	325	5.4	10178	2513	495	89	3.37	140		50	4.1	0.27		4.81		1.14	6.4
6018567	-20#	0.08	3.4		111	0.24	247	-0.05	11.48	354	12.1	17746	6659	881	387	5.22	165		74	8.2	0.5		8.14		1.92	4.1
6018568	-20#	0.09	2.5		71	0.2	235	-0.05	3.89	378	10.5	16287	2799	759	127	5.44	135		54	6.8	0.47		7.65		1.74	10.2
6018569	-20#	0.05	1.4		52	0.21	172	-0.05	4.91	265	8.4	19413	1996	517	111	4.19	123		58	4.6	0.36		6.11		1.29	8.3
6018570	-20#	0.05	1.9		41	0.11	221	-0.05	3.26	565	14.1	24280	1302	300	114	9.71	97		49	4.1	0.4		4.36		0.96	8.3
6018571	-20#	0.05	3		412	0.1	714	-0.05	25.73	326	12.1	88319	2E+04	1273	294	3.26	498		272	7.7	0.29		5.04		1.23	16.1
6018572	-20#	0.1	2.3		69	0.22	217	-0.05	7.39	88	10.7	8821	4166	662	206	1.53	135		59	8.6			5.92		1.23	2.7
6018573	-20#	0.06	1.3		69	0.17	236	-0.05	1.84	128	14	7574	9217	529	57	2.81	159		54	4.4			4.33		0.91	6.7

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6018574	-20#	0.1	2.4		68	0.18	262	-0.05	3.66	83	13.1	9231	3236	309	96	1.2	107		59	9.9			4.05		1	6.8
6018575	-20#	0.1	1.7		43	0.12	257	-0.05	2.68	355	19.5	9070	860	170	78	4.4	99		38	8.7			3.61		1	10
6018576	-20#	0.2	2.2		45	0.14	267	-0.05	1.76	157	11.2	5418	858	199	56	1.67	95		52	26			3.81		1.11	11.8
6018577	-20#	0.1	2		43	0.12	270	-0.05	2.01	362	16.4	8369	768	195	76	3.44	94		48	11.3			3.72		1.04	4.7
6018578	-20#	0.1	1.1		36	0.09	155	-0.05	1.14	150	7.7	4945	583	161	33	1.57	73		40	12.3			2.94		0.9	3
6018579	-20#	0.1	1.5		44	0.12	285	-0.05	2.42	259	10.6	7616	712	241	77	2.51	85		48	9.1			4.65		1.14	3.8
6018580	-20#	0.09	1.6		46	0.1	281	-0.05	1.33	139	7.8	5856	650	209	58	1.33	93		44	9.2			3.37		0.91	1.6
6018581	-20#	0.1	1.6		47	0.1	224	-0.05	1.87	306	14.2	8778	584	184	57	3.93	88		33	11.1			3.63		1.14	5.6
6018582	-20#	0.1	2.7		58	0.11	156	-0.05	2.23	71	10.7	9679	763	229	43	1.68	87		69	36.7			4.46		1.22	23.1
6018584	-20#	0.2	4.1		41	0.13	192	-0.05	6.26	213	25.8	21149	794	264	112	2.76	85		77	23.2	0.5		4.4		1.2	20
6018585	-20#	0.2	3.3		41	0.13	420	-0.05	4.49	293	22.2	16493	748	299	109	4.02	92		73	20.9	0.47		3.15		0.81	18
6018586	-20#	0.2	6.6		38	0.13	327	-0.05	5.79	219	31.6	21741	726	329	114	3.48	91		89	46.9	0.68		3.98		1.15	23.7
6018587	-20#	0.2	5.4		42	0.11	505	-0.05	5.91	123	17.1	17175	779	326	126	1.97	104		91	53.4	0.77		3.22		1.04	15.1
6018588	-20#	0.2	3.9		40	0.12	187	-0.05	2.39	112	10.3	13101	715	237	52	1.44	82		58	17.6	0.55		4.13		1.11	19.2
6018589	-20#	0.2	2.7		40	0.2	152	-0.05	2.29	59	12.7	12189	827	292	26	1.09	79		70	20.5	0.53		4.78		1.1	2.7
6018590	-20#	0.2	1.5		38	0.12	241	-0.05	2.08	57	8	5582	706	225	59	1.15	81		49	28	0.43		3.8		0.9	3.7
6018591	-20#	0.1	2.3		56	0.21	322	-0.05	5.06	32	14.8	12716	1112	441	80	0.78	93		84	27	0.46		6.61		1.67	5.2
6018592	-20#	0.1	1.6		39	0.12	264	-0.05	1.24	91	7.7	5471	667	168	45	1.36	85		49	39.2	0.52		3.23		0.87	6
6018593	-20#	0.09	3		45	0.2	309	-0.05	2.31	146	9.3	15257	1233	331	122	1.58	95		80	10.8	0.47		5.29		1.11	5.5
6018594	-20#	0.1	1.9		37	0.15	138	-0.05	1.29	72	6.8	8305	712	186	46	1.21	80		53	14	0.37		3.63		0.88	2.1
6018595	-20#	0.08	2.2		43	0.22	116	-0.05	1.17	124	7.4	9226	1188	339	32	1.3	77		70	8.5	0.44		5.22		1.14	2.3
6018596	-20#	0.2	5.1		49	0.16	332	-0.05	6.62	198	34.8	18506	1410	418	125	2.33	204		198	23.4	0.6		5.12		1.44	15.2
6018597	-20#	0.2	6.1		37	0.19	464	-0.05	7.84	249	32	20092	854	342	114	3.04	106		88	41	0.63		3.88		1.2	27.1
6018598	-20#	0.2	2		47	0.11	1032	-0.05	3.48	277	12.4	7665	1135	382	179	2.99	135		70	15.6	0.54		3.88		1.22	4.8
6018599	-20#	0.2	3.5		35	0.14	545	-0.05	3.62	88	11.7	13106	801	276	134	1.81	89		54	16.6	0.57		4.05		0.99	9.1
6018600	-20#	0.2	2.9		35	0.11	329	-0.05	2.7	171	11.9	11238	783	248	94	1.76	88		56	16.9	0.46		3.82		0.97	10.7

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	ABUNDAN	DEPTH	LITHOLOG	FLOAT	COMMENT	ELNUMBE	PROSPEC	LAB
5475577	484500	8350400	53	-20#	B		15				8784		ASSAYCO
5475578	484500	8350500	53	-20#	B		10				8784		ASSAYCO
5475579	484500	8350600	53	-20#	DB		15	SDS			8784		ASSAYCO
5475580	484500	8350700	53	-20#	RB		15	SDS			8784		ASSAYCO
5475581	484500	8350800	53	-20#	B		15	SDS			8784		ASSAYCO
5475583	484000	8350650	53	-20#	RB		10	SDS			8784		ASSAYCO
5475584	484000	8350550	53	-20#	RB		15		SDS		8784		ASSAYCO
5475585	484000	8350450	53	-20#	OB		25				8784		ASSAYCO
5475586	483500	8350800	53	-20#	LB		10	STROM/SDS			8784		ASSAYCO
5475587	483500	8350700	53	-20#	LG		10	SDS			8784		ASSAYCO
5475588	483500	8350600	53	-20#	RB		10	SDS			8784		ASSAYCO
5475589	483500	8350500	53	-20#	LB		15	CHY SDS			8784		ASSAYCO
5475590	483500	8350400	53	-20#	LB		20				8784		ASSAYCO

ELNAME	250000_N(	100000_N(	GEO	DPO_NO	DATE	LINE	Al	Ag	As	Au	Ba	Be	Bi
Gibb Bluff	SD53-10		SWH	89404	7/25/98			0.09	1.6		87		0.18
Gibb Bluff	SD53-10		SWH	89404	7/25/98			0.13	2.5		108		0.14
Gibb Bluff	SD53-10		SWH	89404	7/25/98			0.1	1.5		128		0.1
Gibb Bluff	SD53-10		SWH	89404	7/25/98			0.09	1.1		80		0.08
Gibb Bluff	SD53-10		SWH	89404	7/25/98			0.1	1.3		154		0.1
Gibb Bluff	SD53-10		SWH	89404	7/25/98			0.15	1.3		233		0.04
Gibb Bluff	SD53-10		SWH	89404	7/25/98			0.11	1.1		170		0.04
Gibb Bluff	SD53-10		SWH	89404	7/25/98			0.08	1		82		0.11
Gibb Bluff	SD53-10		SWH	89404	7/25/98			0.11	2.5		92		0.14
Gibb Bluff	SD53-10		SWH	89404	7/25/98			0.12	2.3		161		0.15
Gibb Bluff	SD53-10		SWH	89404	7/25/98			0.1	2.4		187		0.15
Gibb Bluff	SD53-10		SWH	89404	7/25/98			0.08	1.9		212		0.12
Gibb Bluff	SD53-10		SWH	89404	7/25/98			0.1	2.1		162		0.13

Br	C	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga
		689	-0.05		5.92	390		16.1				22384	
		2174	-0.05		15.99	244		36.4				60747	
		905	-0.05		25.54	256		25.8				40882	
		845	-0.05		15.8	206		17.4				37661	
		934	-0.05		8.1	385		16.6				20593	
		3592	-0.05		41.96	370		32.2				84837	
		891	0.06		30.11	371		21.4				134839	
		343	-0.05		4.13	274		5.6				11690	
		303	-0.05		7.09	324		9.2				15927	
		354	-0.05		5.94	166		5.3				11605	
		599	-0.05		12.69	326		10.1				17771	
		356	-0.05		8.82	162		3.5				12929	
		439	-0.05		13.59	373		13.2				15074	

Gd	Hf	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb
					4124				841	270	4.11	314	
					4498				2673	401	2	441	
					4278				2050	491	2.68	406	
					3483				1393	400	1.2	554	
					4610				2421	199	4.3	400	
					7554				4022	1440	2.5	2819	
					1619				1234	1696	3.1	368	
					3651				550	105	2.95	203	
					5994				759	275	4.35	159	
					10030				809	408	2.3	218	
					13503				882	570	4.44	238	
					11400				771	605	1.94	215	
					7932				875	497	4.49	166	

Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	S	Sb	Sc	Se	Si	Sm
			64	4.2						0.33			
			125	5.6						0.27			
			71	5.7						0.24			
			70	3.9						0.17			
			82	2.6						0.32			
			125	4.4						0.14			
			1013	4.1						0.16			
			59	3.9						0.26			
			51	5.3						0.45			
			86	6						0.41			
			81	6.5						0.45			
			88	5.5						0.35			
			88	6						0.43			

Sn	Sr	Ta	Tb	Te	Tm	Th	Ti	Tl	U	V	W	Y	Yb
							3.92	3437		0.8			
							4.95	9563		0.85			
							4.64	6958		0.88			
							3.78	7535		0.79			
							5.3	2933		1.39			
							2.9	18822		0.55			
							2.65	21047		0.53			
							3.84	2341		0.85			
							5.42	2428		1.21			
							5.58	2769		1.59			
							6.17	2580		1.92			
							5.75	2610		1.45			
							5.5	1980		1.37			

Zn	Zr	100000_N/	250000_N/	TECTONIC	TECTONIC	REGIONAL	LITHOLOC	REG_REG	REG_MAT
16.5									
22.9									
18.7									
17.6									
10.7									
112.7									
72.2									
4.6									
5.3									
8.3									
10.4									
6.4									
8.7									

RIO TINTO EXPLORATION PTY. LIMITED : SOIL SAMPLE LEDGER

EL NUMBER 9185 **1:250,000 MAPSHEET** URAPUNGA SD5310 **DATE** 6/5/98 **TECTONIC DOMAIN** Mcarthur Basin
EL NAME MT VIZARD **1:100,000 MAPSHEET** URAPUNGA 5868 **LAB** ASSAYCOR

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
5475359	472200	8348000	53	-20#	B	20		Pvn			SDS	
5475360	472400	8348000	53	-20#	GB	20		Pvn			SDS	
5475362	472900	8348000	53	-20#	TB	30		Pvn			CHT	
5475363	473000	8348000	53	-20#	KT	50		Pvn			SST	Pvv?
5475364	473100	8348000	53	-20#	GB	20		Pvn			PIS	
5475365	473200	8348000	53	-20#	TB	40		Pvn			PIS	
5475366	473300	8348000	53	-20#	YG	30		Pvn				
5475367	473400	8348000	53	-20#	LB	20		Pvn			PIS/SDS	
5475368	473500	8348000	53	-20#	CB	20		Pvn				
5475369	473600	8348000	53	-20#	CB	15		Pvn			SST	Pvn?
5475370	473700	8348000	53	-20#	LR	30		Pvn				
6017851	475000	8368000	53	-20#	OB	25						
6017852	474900	8368000	53	-20#	RB	30						
6017853	474800	8368000	53	-20#	T	20					PIS	
6017854	474700	8368000	53	-20#	OYB	20						
6017855	474600	8368000	53	-20#	LT	20						Pnw OUTCROP
6017856	474500	8368000	53	-20#	BK	20						
6017857	474400	8368000	53	-20#	KB	20						
6017858	474300	8368000	53	-20#	T	30					PIS	
6017859	474200	8368000	53	-20#	T	25						Pnw OUTCROP, STROMATOLITIC
6017860	474100	8368000	53	-20#	T	20						Pnw OUTCROP
6017861	474000	8368000	53	-20#	T	20						Pnw OUTCROP
6017862	473900	8368000	53	-20#	KT	25						
6017863	473800	8368000	53	-20#	LOB	25						
6017864	473700	8368000	53	-20#	T	65					SDS	Pnw FLOAT
6017865	473600	8368000	53	-20#	T	20						Pnw OUTCROP, Fe ALTERED 10m NORTH
6017866	473500	8368000	53	-20#	OB	15						Pnw
6017867	473400	8368000	53	-20#	LB	20						
6017868	473300	8368000	53	-20#	T	20					PIS	Pnw SILICIFIED SST AND SDS 15m NW.

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6017869	473200	8368000	53	-20#	LB	15						Pnw
6017870	473100	8368000	53	-20#	RB	15						Pny
6017871	473000	8368000	53	-20#	RB	15						Pny
6017872	472900	8368000	53	-20#	T	20						
6017873	472800	8368000	53	-20#	RB	20					PIS	
6017874	472700	8368000	53	-20#	LB	20						Pny
6017875	472600	8368000	53	-20#	RB	20					PIS	
6017876	472500	8368000	53	-20#	RB	20						Pnw OUTCROP OF SDS 20m W.
6017877	475100	8364000	53	-20#	B	25						
6017878	475000	8364000	53	-20#	YB	15						
6017879	474900	8364000	53	-20#	T	15						
6017880	474800	8364000	53	-20#	OB	15						
6017881	474700	8364000	53	-20#	MB	20						
6017882	474600	8364000	53	-20#	T	20						
6017883	474500	8364000	53	-20#	MB	15					OO SDS	Pnw
6017884	474400	8364000	53	-20#	OB	15						
6017885	474300	8364000	53	-20#	GB	20						
6017886	474200	8364000	53	-20#	MB	20					PIS	
6017887	474100	8364000	53	-20#	LOB	20					PIS	
6017888	474000	8364000	53	-20#	T	20					PIS	
6017889	473900	8364000	53	-20#	T	15						
6017890	473800	8364000	53	-20#	YB	20					PIS	
6017891	473700	8364000	53	-20#	KG	20						
6017892	473600	8364000	53	-20#	KG	20						
6017893	473500	8364000	53	-20#	LGB	20					PIS	
6017894	473400	8364000	53	-20#	LGB	15						
6017895	473300	8364000	53	-20#	OB	30						
6017896	473200	8364000	53	-20#	OB	25						
6017897	473100	8364000	53	-20#	OB	25					PIS	
6017898	473000	8364000	53	-20#	MB	15						OUTCROP OF Pnw OO SST/SDS 15m W, STROMATOLITIC
6017899	472900	8364000	53	-20#	OB	20						
6017900	472800	8364000	53	-20#	B	15						

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6017901	472700	8364000	53	-20#	LB	15						SILICIFIED Pnw HILL, POSSIBLY EXPRESSION OF THE SHOWELL CREEK FAULT.
6017902	472600	8364000	53	-20#	MB	5						Pny PEPPERITE OUTCROP
6017903	472500	8364000	53	-20#	MB	20						
6017904	476000	8366000	53	-20#	LB	20						
6017905	475900	8366000	53	-20#	LB	20						
6017906	475800	8366000	53	-20#	MB	25						
6017907	475700	8366000	53	-20#	GB	20					OO SDS	Pnw
6017908	475600	8366000	53	-20#	T	20					OO SDS	Pnw
6017909	475500	8366000	53	-20#	YB	20					OO SDS	Pnw
6017910	475400	8366000	53	-20#	YB	25					PIS	
6017911	475300	8366000	53	-20#	OB	30					OO SDS/PIS	Pnw
6017912	475200	8366000	53	-20#	GB	25						
6017913	475100	8366000	53	-20#	T	20					PIS	Pnw OO SDS OUTCROP 20m E.
6017914	475000	8366000	53	-20#	RB	25					PIS	
6017915	474900	8366000	53	-20#	RB	25					PIS	
6017916	474800	8366000	53	-20#	RB	25					PIS	
6017917	474700	8366000	53	-20#	RB	25						Pnw OO SDS OUTCROP 20m E.
6017918	474600	8366000	53	-20#	RB	25						Pnw OO SDS OUTCROP 20m E.
6017919	474100	8361500	53	-20#	LT	20						
6017920	474000	8361500	53	-20#	LB	30						
6017921	473900	8361500	53	-20#	T	25						
6017922	473800	8361500	53	-20#	T	25					PIS	
6017923	473700	8361500	53	-20#	LOB	25					PIS	
6017924	473600	8361500	53	-20#	LB	20					PIS	
6017925	473500	8361500	53	-20#	LB	20					PIS	
6017926	473400	8361500	53	-20#	LT	20					PIS/OO SDS	Pnw
6017927	473300	8361500	53	-20#	MB	25					OO SDS/PIS	Pnw
6017928	473200	8361500	53	-20#	LOB	30					PIS	
6017929	473100	8361500	53	-20#	LB	25						Pnw OO SDS OUTCROP
6017930	473000	8361500	53	-20#	LB	20						Pnw OO SDS OUTCROP

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6017931	472900	8361500	53	-20#	RB	25					PIS/OOSDS	Pnw
6017932	472800	8361500	53	-20#	RB	25					PIS/OOSDS	Pnw
6017933	472700	8361500	53	-20#	OB	25						
6017934	472600	8361500	53	-20#	LB	25						
6017935	472500	8361500	53	-20#	LOB	25					PIS	
6017936	473700	8359000	53	-20#	MB	20						Fe LATERITE OUTCROP CONTAINING COBBLES OF Pnw OO SDS.
6017937	473600	8359000	53	-20#	B	30					PIS	
6017938	473500	8359000	53	-20#	MB	20						Pnw
6017939	473400	8359000	53	-20#	RB	35						Pnw
6017940	473300	8359000	53	-20#	DB	20					PIS	Pnw, RIPPLE MARKS
6017941	473200	8359000	53	-20#	RB	25					PIS	Pnw, RIPPLE MARKS
6017942	473100	8359000	53	-20#	ORB	25					PIS	Pnw, RIPPLE MARKS
6017943	473000	8359000	53	-20#	RB	20					PIS	Pnw, RIPPLE MARKS
6017944	472900	8359000	53	-20#	DB	20					PIS	Pnw, RIPPLE MARKS
6017945	472800	8359000	53	-20#	MB	20					PIS	Pnw, SILICIFIED, QTZ CRYSTALS, EXPRESSION OF THE SHOWELL CREEK FAULT??
6017946	472700	8359000	53	-20#	RB	20					PIS	Pny
6017947	472600	8359000	53	-20#	RB	30					PIS	
6017948	472500	8359000	53	-20#	RB	30					PIS	
6017949	474500	8366000	53	-20#	LB	20					PIS	Pny OUTCROP, SILICIFIED, FAULT SPLAY?
6017950	474400	8366000	53	-20#	MB	20					PIS	Pny OUTCROP, SILICIFIED, FAULT SPLAY?
6017951	474300	8366000	53	-20#	MB	25					PIS	Pny OUTCROP, SILICIFIED, FAULT SPLAY?
6017952	474200	8366000	53	-20#	OB	25					PIS	Pny OUTCROP, SILICIFIED, FAULT SPLAY?
6017953	474100	8366000	53	-20#	MB	20					PIS	Pny OUTCROP, SILICIFIED, FAULT SPLAY?
6017954	474000	8366000	53	-20#	MB	20					PIS	Pny OUTCROP, SILICIFIED, FAULT SPLAY?
6017955	473900	8366000	53	-20#	MB	10						Pny OUTCROP
6017956	473800	8366000	53	-20#	RB	15						Pny OUTCROP
6017957	473700	8366000	53	-20#	MB	15						Pny OUTCROP
6017958	473600	8366000	53	-20#	OB	20						Pnw OUTCROP
6017959	473500	8366000	53	-20#	MB	25						Pnw OUTCROP
6017960	473400	8366000	53	-20#	MB	15						Pnw OUTCROP
6017961	473300	8366000	53	-20#	LRB	20						Pnw OUTCROP

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6017962	473200	8366000	53	-20#	ORB	25					PIS	Pnw OUTCROP
6017963	473100	8366000	53	-20#	ORB	20						Pnw OUTCROP
6017964	473000	8366000	53	-20#	ORB							Pnw OUTCROP
6017965	472900	8366000	53	-20#	LB	20						Pnw OUTCROP
6017966	472800	8366000	53	-20#	OB	20					PIS	
6017967	472700	8366000	53	-20#	OB	25					PIS	Pnw BRECCIATED AND SILICIFIED OO SDS
6017968	472500	8366000	53	-20#	OB	20					PIS	
6017969	472400	8366000	53	-20#	T	20					PIS	SILICIFIED Pnw SDS SUBCROP
6017970	472300	8366000	53	-20#	YB	20					PIS	
6017971	472200	8366000	53	-20#	OYB	20					OO CHY SDS	
6017972	472100	8366000	53	-20#	YT	15					OO CHY SDS	
6017973	472000	8366000	53	-20#	T	20					SI SST	
6017974	471900	8366000	53	-20#	OB	20					PIS	
6017975	471800	8366000	53	-20#	GB	25					PIS	
6017976	471700	8366000	53	-20#	GB	20					PIS	
6017977	471600	8366000	53	-20#	GB	20						
6017978	471500	8366000	53	-20#	LB	25						
6017979	471400	8366000	53	-20#	LB	25						
6017980	471300	8366000	53	-20#	KB	20						
6017981	471200	8366000	53	-20#	LT	30						
6017982	471100	8366000	53	-20#	KB	30						
6017983	471000	8366000	53	-20#	KB	30						
6017984	470900	8366000	53	-20#	KB	30						
6017985	470800	8366000	53	-20#	KB	30					PIS	
6017986	470700	8366000	53	-20#	T	30						
6017987	470600	8366000	53	-20#	KB	25					PIS	
6017988	470500	8366000	53	-20#	LT	35						
6018510	471314	8349655	53	-20#	LR	20		Pnk				
6018511	471387	8349626	53	-20#	LR	25		Pnk				
6018512	471535	8349565	53	-20#	Y	20		Pnk				
6018513	471598	8349547	53	-20#	O	20		Pnk				
6018521	474890	8358070	53	-20#	Y	30		Pnk				

SAMPLE	EAST	NORTH	ZONE	FRACTION	COLOUR	DEPTH (cm)	OUTCROP LITHOLOGY	REGIONAL STRATIG.	REGOLITH REGIME	REGOLITH MATERIAL	FLOAT	COMMENTS
6018522	474802	8357999	53	-20#	LB	30		Pnk			LAT	
6018523	474741	8357937	53	-20#	LR	30		Pnk			LAT	
6018524	474686	8357867	53	-20#	GB	30		Pnk			LAT	
6018525	474573	8357785	53	-20#	LR	30		Pnk				
6018526	474525	8357741	53	-20#	LB	50		Pnk				
6018527	474454	8357641	53	-20#	R	30		Pnk				
6018528	474370	8357590	53	-20#	R	40		Pnk				
6018529	474299	8357523	53	-20#	YO	20		Pnk				
6018530	474198	8357414	53	-20#	R	20		Pnk				
6018531	474133	8357391	53	-20#	LR	60		Pnk			LAT	
6018532	474060	8357334	53	-20#	LR	60		Pnk			SDS/LAT	

RIO TINTO EXPLORATION PTY. LIMITED : SOIL SAMPLE RESULTS

EL NAME MT VIZARD | **1:250,000 MAPSHEET** SD5310 | **LAB** ASSAYCORP | **DATE** 6/5/98

EL NUMBER 9185 | **1:100,000 MAPSHEET** 5868 | **ZONE** 53 | **DPO NUMBER** 88179

PROSPECT MOUNTAIN CREEK

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
5475359	-20#	0.05	1.3		49	0.1	545	-0.05	4.12	520	17	12335	1904	371	186	5.36	81		45	3.4	0.33		2.58		0.5	4
5475360	-20#	0.05	1.7		53	0.1	400	-0.05	3.02	79	7.1	9518	1997	465	93	1.07	90		43	4.9	0.26		3.37		0.67	3
5475362	-20#	0.08	3.5		64	0.12	382	-0.05	5.5	391	20.8	12181	3262	360	172	5.44	116		31	4.9	0.48		3.07		0.95	4.5
5475363	-20#	0.1	9.1		121	0.28	383	-0.05	11.87	176	12.3	17122	6005	846	514	2.73	151		35	9	0.44		5.08		1.16	6.2
5475364	-20#	0.07	3.7		133	0.15	381	-0.05	5.3	202	12.7	11795	6219	652	476	3.65	150		38	5	0.34		4.89		0.92	5.5
5475365	-20#	0.07	5		100	0.19	761	-0.05	5.76	106	10	12464	4492	735	271	1.1	128		59	6.5	0.36		6.06		1.18	7
5475366	-20#	0.1	1.7		88	0.19	267	-0.05	2.87	225	14.4	9186	3336	565	60	3.11	136		40	5.9	0.42		7.29		1.54	6.6
5475367	-20#	0.08	5.7		70	0.19	419	-0.05	5.29	122	13.8	11010	3398	661	125	1.35	145		56	7.7	0.45		6.42		1.51	5.6
5475368	-20#	0.08	1.4		71	0.15	229	-0.05	2.6	195	14.6	9709	2123	455	57	2.6	122		41	5.8	0.32		5.26		1.18	5.6
5475369	-20#	0.08	1.9		52	0.18	305	-0.05	3.22	80	11.6	9318	1881	483	89	1.26	99		51	5.9	0.32		5.48		1.21	4.1
5475370	-20#	0.1	5.2		40	0.22	389	-0.05	2.27	167	15.9	16164	1269	307	82	3.16	80		39	7.9	0.46		4.03		1.04	8.3
6017851	-20#	0.1	1.9		52	0.2	326	-0.05	16.17	21	10.3	14638	1443	359	464	0.46	78		75	6.6	0.35		5.28		1.35	4.6
6017852	-20#	0.1	1.8		60	0.2	241	-0.05	19.33	24	10.5	14701	1844	443	576	0.42	109		79	7.7	0.35		6.06		1.49	5.9
6017853	-20#	0.1	0.8		62	0.16	150	-0.05	12.54	17	8.2	12985	1656	383	437	0.27	82		56	5.3	0.25		4.63		1.25	6.1
6017854	-20#	0.1	1.3		84	0.15	201	-0.05	8.08	17	7.2	13011	1353	352	575	0.28	76		55	6.2	0.27		4.18		1.21	5.1
6017855	-20#	0.1	3.4		62	0.19	200	-0.05	6.48	16	7.7	18850	1939	405	491	0.37	115		96	13	0.43		5.76		1.8	11.8
6017856	-20#	0.1	2.6		51	0.16	221	-0.05	3.41	16	6.7	17230	1646	338	114	0.36	104		59	10	0.44		5.42		1.19	5.4
6017857	-20#	0.1	1.2		42	0.15	273	-0.05	3.68	18	5.7	11506	1112	229	66	0.29	82		47	8.5	0.31		4.17		0.87	2
6017858	-20#	0.1	-0.5		30	0.08	210	-0.05	3.51	11	4.7	12846	672	157	54	0.35	52		37	5.3	0.22		2.73		0.57	1.2
6017859	-20#	0.1	1		34	0.12	186	-0.05	3.12	14	6.9	15692	1026	229	65	0.38	74		44	7.8	0.28		3.41		0.67	3.1
6017860	-20#	0.1	0.7		47	0.15	191	-0.05	2.69	16	7.8	18898	1250	272	53	0.34	81		72	13.2	0.31		4.52		0.95	5.3
6017861	-20#	0.2	1.1		50	0.35	202	-0.05	2.92	17	8.7	16857	1245	274	80	0.32	80		79	23.2	0.5		4.79		0.99	4.8
6017862	-20#	0.2	0.5		44	0.31	162	-0.05	2.38	15	7.3	16156	1083	251	47	0.3	69		61	18.7	0.4		3.82		0.81	4
6017863	-20#	0.3	-0.5		46	0.25	212	-0.05	2.69	15	7.6	13892	1287	287	63	0.29	79		56	14.2	0.37		4.61		0.99	4.3
6017864	-20#	0.1	0.7		47	0.22	234	-0.05	2.84	15	7.6	14412	1249	285	73	0.29	83		67	14.2	0.34		4.43		0.93	3.4
6017865	-20#	0.2	1.3		54	0.2	369	-0.05	2.72	19	9.1	17833	1295	413	48	0.45	94		81	13.9	0.39		5.34		1.14	4.7
6017866	-20#	0.1	2.5		77	0.3	458	-0.05	7.02	27	13.6	22262	2029	673	105	0.6	127		133	23.8	0.46		8.26		1.96	6
6017867	-20#	0.2	1.3		78	0.25	342	-0.05	3.54	21	11.7	16321	1622	539	52	0.41	123		86	22.9	0.37		7.62		1.66	4.3
6017868	-20#	0.2	1.7		79	0.26	399	-0.05	3.93	24	10.8	16616	1649	662	71	0.44	143		83	22.7	0.42		7.03		1.53	4.1
6017869	-20#	0.1	0.8		57	0.18	270	-0.05	2.7	16	6.8	15051	1736	422	68	0.36	102		74	7.6	0.34		4.62		1.1	3.7
6017870	-20#	0.1	1		52	0.16	317	-0.05	5.18	18	9.2	18955	1384	368	173	0.43	88		109	10.6	0.31		4.61		1.13	4.9

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6017871	-20#	0.1	3.5		133	0.3	427	-0.05	9.84	48	19.1	37875	4982	1784	83	0.73	231		160	19.2	0.49		9.43		2.45	9.9
6017872	-20#	0.1	1		129	0.13	172	-0.05	4.25	41	9.5	18628	5445	811	50	0.33	144		98	6.7	0.3		4.55		1.05	5.8
6017873	-20#	0.1	1.3		55	0.18	467	-0.05	10.48	25	11.4	33710	2241	501	194	0.36	102		96	7.6	0.38		4.51		1.16	10.5
6017874	-20#	0.1	2.3		49	0.11	572	-0.05	5.75	19	11.8	20523	1755	568	168	0.41	84		111	10.7	0.66		4.18		0.9	4.9
6017875	-20#	0.1	6		155	0.13	224	-0.05	15.72	30	17	20783	3125	520	859	0.56	84		138	7.5	0.51		4.79		1.41	5.7
6017876	-20#	0.1	1.7		223	0.08	215	-0.05	9.9	35	12.5	21542	1E+04	553	270	0.36	134		144	4.5	0.27		3.84		0.96	4.8
6017877	-20#	-0.1	1.1		57	0.1	303	-0.05	5	19	5.5	18623	1647	435	112	0.42	64		63	4.1	0.23		2.94		0.67	3.2
6017878	-20#	-0.1	1.2		89	0.2	221	-0.05	5.56	24	10.3	16369	4152	844	142	0.41	158		92	7.5	0.36		6.39		1.34	6.3
6017879	-20#	-0.1	1.6		91	0.19	312	-0.05	4.56	22	9.7	17982	4182	789	120	0.55	169		93	7.1	0.34		5.89		1.33	5.2
6017880	-20#	0.1	1.6		96	0.24	361	-0.05	6.97	27	11.6	19703	4637	866	242	0.51	178		91	8.7	0.4		8.12		1.76	7.4
6017881	-20#	-0.1	1		102	0.15	467	-0.05	7.61	23	9.9	20801	3685	692	276	0.44	139		76	5.9	0.29		5.03		1.26	9.8
6017882	-20#	-0.1	3.5		70	0.16	300	-0.05	6.6	23	6.2	15161	2605	478	155	0.49	130		68	9.4	1.79		4.46		1.03	5.4
6017883	-20#	0.1	2.3		86	0.23	524	-0.05	12.54	29	8.2	22298	2995	571	371	0.71	148		105	9.7	0.4		5.78		1.4	6.8
6017884	-20#	-0.1	2.3		63	0.22	357	-0.05	8.26	30	8.6	16113	2248	499	269	0.52	110		84	9.3	0.41		6.32		1.2	6.2
6017885	-20#	-0.1	1.7		43	0.17	249	-0.05	3.68	29	6.3	13966	1301	299	81	0.46	90		67	7.1	0.36		5.65		0.95	3.3
6017886	-20#	-0.1	1.4		56	0.13	417	-0.05	6.23	24	7.7	12494	1612	377	207	0.39	92		88	6.3	0.29		3.94		0.84	3.9
6017887	-20#	-0.1	2		48	0.18	258	-0.05	10.21	28	8.9	15889	1386	332	223	0.54	89		89	8.8	0.36		6.03		1.22	4.3
6017888	-20#	-0.1	2.6		53	0.19	195	-0.05	12.58	26	8.8	11710	1557	364	459	0.4	85		84	10.4	0.39		6.13		1.19	3.7
6017889	-20#	-0.1	3.7		63	0.23	289	-0.05	7.97	26	10.1	12823	1820	506	415	0.72	110		99	13.4	0.42		7.58		1.41	3.9
6017890	-20#	-0.1	4		108	0.27	227	-0.05	11.82	29	11.3	17638	2388	893	379	0.65	143		106	16.5	0.43		7.79		1.66	5
6017891	-20#	-0.1	1.9		42	0.13	87	-0.05	2.98	23	5	13585	759	187	42	0.45	69		50	6.3	0.28		3.92		0.66	1.8
6017892	-20#	-0.1	1.8		57	0.17	80	-0.05	2.68	23	5.7	10758	1152	373	44	0.4	99		44	13.3	0.33		4.81		0.88	8.6
6017893	-20#	-0.1	1.6		63	0.2	207	-0.05	3.58	30	7.5	12386	1724	431	57	0.35	98		63	12.2	0.32		7.19		1.22	3.1
6017894	-20#	-0.1	2.5		46	0.3	153	-0.05	3.32	33	7.3	15551	1323	235	49	0.49	75		62	6.1	0.32		4.79		0.88	2.1
6017895	-20#	-0.1	3		35	0.38	165	-0.05	2.79	23	6.7	15120	959	279	39	0.57	59		61	5.4	0.31		3.39		0.65	3.7
6017896	-20#	-0.1	2.4		34	0.3	202	-0.05	2.72	21	7.2	11722	1151	312	55	0.39	61		65	5.6	0.33		3.72		0.76	2.9
6017897	-20#	-0.1	2.4		38	0.24	180	-0.05	4.28	17	7.7	12673	1259	310	121	0.34	71		55	6.7	0.35		4.17		0.92	3.3
6017898	-20#	0.1	2.9		43	0.34	211	-0.05	5.91	14	7.4	13401	1677	419	160	0.32	86		66	9.4	0.44		4.37		0.94	17.2
6017899	-20#	0.2	6.4		105	0.27	195	-0.05	13.93	22	18.1	17299	6059	959	573	0.48	143		82	11.5	0.65		6.95		1.73	8.7
6017900	-20#	0.1	4.5		69	0.13	363	-0.05	9.28	21	10.4	19060	2417	464	401	0.63	96		74	10.5	0.5		4.45		1.08	3.4
6017901	-20#	0.1	3.8		50	0.13	313	-0.05	7.11	18	14.3	17174	1973	445	220	0.61	90		68	9.8	0.47		4.51		1.04	4.7
6017902	-20#	0.1	6.4		389	0.14	1146	-0.05	33.27	67	24.6	29873	2E+04	1029	600	0.57	224		187	8.3	0.52		4.84		1.11	9.9
6017903	-20#	0.1	3.7		585	0.16	427	-0.05	25.38	68	21.6	22080	4E+04	1106	408	0.44	309		134	8.1	0.54		6.06		1.57	10.8
6017904	-20#	-0.1	1.9		141	0.22	509	-0.05	7.97	26	9.9	15588	6282	826	315	0.36	253		110	8.4	0.44		7.65		1.67	5.2
6017905	-20#	-0.1	2.7		145	0.29	786	-0.05	11.2	31	15	22587	6546	1582	364	0.51	297		162	10.4	0.49		9.9		1.98	9.4
6017906	-20#	-0.1	2		147	0.2	731	-0.05	9.44	26	12.5	20459	5868	1238	443	0.5	221		161	8.5	0.42		7.32		1.7	7.2

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6017907	-20#	-0.1	2.2		128	0.24	680	-0.05	9.29	28	13.2	20771	4703	1476	297	0.55	350		167	11.8	0.44		7.66		1.57	10.2
6017908	-20#	-0.1	3.4		234	0.35	1654	-0.05	14.55	43	20	33842	4230	3020	378	0.64	579		162	16.4	0.51		12.1		2.06	16.3
6017909	-20#	-0.1	2.9		145	0.34	1168	-0.05	18.08	43	19.9	35172	1854	1588	288	2.71	298		156	17.6	0.49		12.1		2.13	14
6017910	-20#	-0.1	3		97	0.35	553	-0.05	24.33	41	19.8	35157	1962	1168	346	2.98	187		154	17.8	0.49		12.0		2.39	11.2
6017911	-20#	-0.1	2.4		84	0.3	378	-0.05	16.03	40	16.6	30858	1814	1035	112	0.8	168		137	14.8	0.46		11.7		2.39	10
6017912	-20#	-0.1	0.9		71	0.13	69	-0.05	6.08	26	7.2	13979	1438	446	30	0.41	108		77	5.9	0.26		5.06		1.2	3.2
6017913	-20#	-0.1	1.4		51	0.14	91	-0.05	6.76	22	7.1	18692	1478	371	42	0.55	86		133	5.6	0.25		4.62		1.15	6
6017914	-20#	-0.1	1.6		42	0.14	99	-0.05	6.84	22	7.2	23609	1282	303	65	0.62	79		109	5	0.27		4.73		1.06	3.7
6017915	-20#	-0.1	2.1		36	0.11	92	-0.05	7.44	20	6.3	22915	1186	248	91	0.68	74		101	4.2	0.29		4.27		0.93	3.2
6017916	-20#	-0.1	1.9		37	0.1	100	-0.05	8.83	20	7	24258	1361	239	139	0.69	73		96	4.4	0.3		4.18		0.96	3.3
6017917	-20#	-0.1	2.3		45	0.1	144	-0.05	12.94	23	9.6	32902	1421	281	243	0.94	80		126	4.6	0.3		4.61		1.19	2.8
6017918	-20#	-0.1	1.5		31	0.06	125	-0.05	9.48	18	7.2	29054	740	205	161	0.86	60		80	3.1	0.24		3.02		0.73	2.3
6017919	-20#	-0.1	1.4		105	0.21	244	-0.05	7.93	29	10.6	18606	2857	792	195	0.56	135		90	8.8	0.41		7.6		1.54	2.5
6017920	-20#	-0.1	0.7		35	0.09	61	-0.05	2.89	20	3.6	10840	829	138	22	0.34	64		38	2.9	0.24		2.86		0.58	-0.5
6017921	-20#	0.1	1.4		54	0.18	114	-0.05	8.7	22	10.3	11327	2098	459	197	0.39	96		83	6.8	0.34		6.01		1.35	1.7
6017922	-20#	-0.1	1.2		43	0.14	128	-0.05	8.55	15	7.2	11340	1367	302	202	0.37	72		63	5.2	0.3		4.42		1	1.5
6017923	-20#	-0.1	1.6		51	0.15	134	-0.05	10.11	18	10.3	17857	1773	364	211	0.62	102		74	6.5	0.33		5.55		1.31	2.4
6017924	-20#	-0.1	2.1		46	0.19	198	0.05	5.03	14	6	11571	1418	322	275	0.37	119		54	6.1	0.3		4.25		1	3.2
6017925	-20#	-0.1	1.9		41	0.15	105	-0.05	4.3	20	5.5	19742	1586	321	70	0.6	81		60	5.8	0.35		5.44		1.08	4.4
6017926	-20#	-0.1	1.5		44	0.16	148	-0.05	3.62	18	5.9	17493	1785	399	92	0.43	90		77	6.3	0.39		6.19		1.39	4.3
6017927	-20#	0.1	2.4		47	0.25	179	-0.05	5.07	20	7.5	21600	1253	312	117	0.6	74		85	6.6	0.4		4.76		1.14	5.8
6017928	-20#	0.1	2.7		41	0.15	113	-0.05	5.09	22	8.1	25063	1082	265	95	0.66	68		77	5.2	0.41		4.79		1.21	6
6017929	-20#	0.1	2.8		53	0.16	148	0.06	6.91	21	9.3	17968	1484	345	369	0.51	86		79	6.5	0.43		5.55		1.51	5.2
6017930	-20#	0.1	3.1		68	0.15	158	-0.05	8.62	20	12.7	19211	1435	344	493	0.51	88		93	6.5	0.42		4.98		1.43	6.5
6017931	-20#	-0.1	3.6		50	0.12	146	-0.05	5.91	20	8.1	21508	1099	305	340	0.58	66		94	5.7	0.37		4.38		1.09	4.8
6017932	-20#	0.1	3.9		86	0.13	295	0.06	6.39	18	12.5	18640	1479	358	557	0.54	91		99	13.5	0.42		4.97		1.46	5.8
6017933	-20#	0.1	4.6		197	0.2	189	-0.05	12.25	23	15.8	16850	1E+04	1071	593	0.42	203		83	11.1	0.45		7.67		1.79	11.4
6017934	-20#	0.2	6.2		239	0.19	1105	-0.05	29.83	34	54.1	24962	1E+04	1164	901	0.64	231		110	18.8	0.52		7.82		1.97	11.4
6017935	-20#	0.1	3.1		189	0.14	290	-0.05	19.73	23	37.7	18071	8828	777	696	0.31	150		79	13.2	0.34		5.31		1.23	4.9
6017936	-20#	-0.1	2.1		113	0.14	783	-0.05	10.63	26	9.7	30626	3235	845	331	0.73	96		77	5.3	0.33		4.57		1.11	5.1
6017937	-20#	-0.1	2		133	0.14	538	-0.05	14.09	40	12	31969	6275	583	348	0.78	142		122	6.3	0.3		6.71		1.59	4
6017938	-20#	-0.1	1.7		62	0.1	146	-0.05	9.23	28	10.5	32091	2492	378	152	0.9	84		103	4.1	0.26		4.93		1.12	3.5
6017939	-20#	-0.1	1.5		38	0.06	132	-0.05	5.55	20	4.3	19035	1533	326	91	0.5	60		80	2.6	0.21		3.78		0.82	2.7
6017940	-20#	-0.1	2.1		136	0.14	440	-0.05	20.19	27	10.2	31813	9303	1165	855	0.75	179		109	5.3	0.39		6.52		1.56	62.3
6017941	-20#	-0.1	1.5		74	0.09	161	-0.05	18.01	21	5.2	20105	4303	587	335	0.48	105		66	3.4	0.27		4.43		1.12	5.1
6017942	-20#	-0.1	1.7		211	0.08	227	-0.05	16.54	57	7.2	43497	1E+04	868	160	0.63	153		109	3.8	0.41		4.18		1.17	5.4

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6017943	-20#	-0.1	1.1		450	0.08	582	-0.05	46.82	34	17	67555	1E+04	1097	793	0.47	521		106	6.9	0.14		3.36		1.06	38
6017944	-20#	0.1	2		748	0.08	481	0.06	28.75	38	28.9	69742	3E+04	2815	371	0.58	757		221	5.6	0.29		2.68		1.25	39.3
6017945	-20#	0.1	1.6		899	0.07	762	0.06	33.72	35	21	64683	3E+04	1896	441	0.46	706		176	6.3	0.25		2.63		1.28	32.3
6017946	-20#	-0.1	1.5		416	0.09	565	-0.05	28.89	28	14.2	43165	1E+04	930	503	0.38	337		146	5.4	0.27		3.43		1.1	15.2
6017947	-20#	-0.1	1.9		214	0.11	377	-0.05	21.18	27	10.7	30511	1E+04	614	363	0.37	174		132	4.9	0.31		3.97		1.13	6.9
6017948	-20#	0.1	1.8		136	0.13	224	-0.05	14.35	21	14.4	20948	7296	562	415	0.32	138		75	5.1	0.35		4.6		1.16	8.2
6017949	-20#	-0.1	0.7		443	0.09	620	-0.05	17.29	26	11.9	36513	1E+04	1124	301	0.15	735		100	5.5	0.1		3.56		0.94	22.4
6017950	-20#	-0.1	1		186	0.07	617	-0.05	30.45	25	9.9	34789	4843	650	485	0.34	340		118	4.7	0.18		3.08		0.73	16.9
6017951	-20#	-0.1	1.1		222	0.08	444	-0.05	37.91	32	13.2	48515	5616	535	500	0.32	161		173	5	0.2		3.2		0.86	29.6
6017952	-20#	-0.1	0.9		506	0.07	480	-0.05	30.17	28	15	56257	5194	801	691	0.17	276		195	7.1	0.11		3.5		0.93	34.5
6017953	-20#	-0.1	-0.5		185	0.07	596	-0.05	29.03	28	11.5	49424	1964	500	722	0.2	129		118	5.2	0.1		3.32		0.8	40.4
6017954	-20#	0.1	1.5		217	0.11	484	0.07	34.81	36	15.9	55369	5890	759	841	0.53	189		147	7.9	0.24		4.69		1.26	36.9
6017955	-20#	-0.1	1.3		203	0.09	558	-0.05	34.78	32	17	60861	3004	726	810	0.77	182		205	7.2	0.24		4.04		0.96	45
6017956	-20#	-0.1	1.3		151	0.07	251	0.17	36.21	36	20.7	80684	1055	663	876	0.86	109		214	6.8	0.23		3.23		0.82	58.6
6017957	-20#	-0.1	0.7		131	0.07	325	0.22	14.14	23	10.6	42240	1074	467	522	0.2	101		124	5.4	0.14		3.01		0.78	16.9
6017958	-20#	-0.1	0.6		79	0.07	192	-0.05	10.8	19	8.1	33015	797	323	420	0.27	84		81	3.9	0.13		3.14		0.84	21.6
6017959	-20#	-0.1	0.9		155	0.08	361	-0.05	30.03	29	13.3	47034	1254	482	698	0.36	112		171	5.8	0.19		3.49		0.94	42.6
6017960	-20#	-0.1	-0.5		268	0.1	454	-0.05	66.95	32	15.7	57656	3368	675	991	0.23	226		96	8.4	0.15		4.47		1.22	61.6
6017961	-20#	-0.1	0.6		164	0.09	297	-0.05	53.2	27	12.8	40549	4247	485	632	0.24	133		117	5.9	0.15		3.63		0.93	33.2
6017962	-20#	-0.1	0.6		238	0.08	275	-0.05	59.81	26	11.5	39819	4585	594	459	0.21	195		133	6.4	0.13		3.48		0.96	25.8
6017963	-20#	-0.1	2.3		443	0.08	684	-0.05	48.34	35	19.2	63956	9144	1033	751	0.53	354		256	7.4	0.38		3.31		0.86	35.2
6017964	-20#	-0.1	3		93	0.07	342	-0.05	13.37	25	9.6	36221	2557	308	229	0.73	93		150	3.7	0.28		2.96		0.72	8
6017965	-20#	0.1	3.2		113	0.08	339	-0.05	22.08	21	7.6	24612	3743	319	269	0.52	100		111	3.2	0.54		2.66		0.74	5.7
6017966	-20#	0.1	2.1		216	0.1	337	-0.05	26.07	21	10.8	25146	6001	539	520	0.35	198		133	5.8	0.5		3.38		0.91	15.5
6017967	-20#	0.2	8.2		299	0.19	494	-0.05	36.38	35	13.9	25398	2E+04	1181	758	0.54	205		116	23.3	0.65		5.34		1.48	15.7
6017968	-20#	0.1	8.1		517	0.11	266	-0.05	26.66	51	11.4	37342	3E+04	1741	246	0.57	300		199	6.8	0.47		5.42		1.42	7
6017969	-20#	0.1	4		255	0.19	805	-0.05	37.3	45	12	29818	1E+04	1578	608	0.61	351		171	11	0.34		6.76		1.3	12.4
6017970	-20#	0.1	1.7		77	0.18	344	-0.05	4.65	27	9	17876	2432	728	96	0.42	119		108	6.6	0.33		5.89		1.14	5.9
6017971	-20#	0.1	1.8		84	0.17	729	-0.05	7.38	28	9.3	18470	2100	794	185	0.67	149		118	6.8	0.38		6.1		1.1	5.5
6017972	-20#	0.1	3.4		160	0.27	1138	-0.05	9.45	40	15.2	28374	2443	2298	223	0.42	303		123	11.3	0.69		8.27		1.37	11.3
6017973	-20#	0.1	2.6		213	0.26	1050	-0.05	13.55	43	15.3	33285	3348	2131	260	0.58	325		159	12	0.46		8.03		1.58	14.1
6017974	-20#	0.1	1.9		107	0.18	541	-0.05	5.18	29	8	17969	1654	695	136	0.46	124		98	7	0.31		6.31		1.13	4.7
6017975	-20#	0.1	1.9		224	0.21	855	-0.05	12.19	23	10.7	19914	1796	819	994	0.57	154		95	9.2	0.28		8.34		1.96	6.1
6017976	-20#	0.1	1.3		96	0.13	342	-0.05	3.27	19	5.4	12333	1240	375	178	0.33	84		68	4.2	0.22		4.72		0.96	4.6
6017977	-20#	-0.1	1.8		191	0.2	487	-0.05	5.62	23	8.6	16005	2572	594	426	0.51	168		84	8.1	0.34		8.63		1.75	4.1
6017978	-20#	-0.1	1.2		94	0.1	245	-0.05	4.15	19	4.4	10832	1835	253	157	0.27	94		54	3.7	0.24		3.69		0.86	1.3

SAMPLE	FRACTION	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Th	V	U	Zn
6017979	-20#	0.1	1.4		82	0.17	224	-0.05	3.32	18	4.6	10797	1660	233	142	0.23	84		50	3.5	0.2		3.4		0.75	-0.5
6017980	-20#	-0.1	1.1		60	0.12	177	-0.05	2.5	18	3.7	10342	1408	207	121	0.27	75		51	3.4	0.22		3.21		0.69	9.8
6017981	-20#	-0.1	1.5		109	0.12	210	-0.05	3.51	16	4.3	12772	2497	313	132	0.36	110		66	4.3	0.25		4.13		0.97	1.1
6017982	-20#	0.1	0.6		72	0.12	247	-0.05	4.62	18	4.4	13553	1922	250	221	0.34	105		60	3.8	0.23		3.78		0.89	2.1
6017983	-20#	-0.1	1.1		54	0.09	197	-0.05	3.79	19	4.2	15324	1069	171	101	0.43	61		49	2.9	0.26		2.48		0.55	2.2
6017984	-20#	-0.1	1.4		52	0.09	189	-0.05	3.19	17	3.4	15101	1002	166	66	0.41	64		51	2.5	0.22		2.41		0.56	5.7
6017985	-20#	-0.1	1		60	0.1	187	-0.05	4.24	15	4	13327	1173	186	98	1.49	67		57	2.7	0.2		2.68		0.6	1.8
6017986	-20#	-0.1	1.1		91	0.11	244	-0.05	4.58	16	4.1	12073	1210	229	130	0.33	83		59	4.1	0.24		3.87		0.92	1.3
6017987	-20#	-0.1	1.1		49	0.08	117	-0.05	3.33	15	3.5	13614	558	140	46	0.39	50		48	2.7	0.17		2.35		0.6	10.2
6017988	-20#	-0.1	1.1		52	0.08	97	-0.05	2.38	15	2.8	10936	559	147	31	0.33	-50		51	3	0.16		2.67		0.58	2.3
6018510	-20#	0.05	0.7		62	0.09	129	-0.05	1.38	234	13.5	7808	2312	209	63	2.34	101		34	2.8	0.23		3.9		0.74	3.9
6018511	-20#	0.05	0.7		67	0.08	176	-0.05	0.96	86	5.8	4242	2016	195	36	0.89	95		38	2.9	0.19		3.51		0.68	2.8
6018512	-20#	0.06	1.1		88	0.1	176	-0.05	2.52	244	13.3	8727	2410	387	88	2.07	99		62	4	0.27		4.96		1	2.1
6018513	-20#	0.06	1.6		146	0.1	142	-0.05	2.81	208	7.6	10441	2424	474	135	1.61	99		81	4	0.27		4.92		1.03	3.2
6018521	-20#	0.05	1.2		203	0.17	199	-0.05	11.3	85	11.4	26081	8670	1831	61	1.83	258		135	8	0.25		6.97		1.63	10.1
6018522	-20#	0.05	1.3		123	0.14	686	-0.05	10.32	142	12.1	22240	4378	815	335	2.62	358		102	7.2	0.22		5.24		1.07	8.7
6018523	-20#	0.08	1		135	0.08	114	-0.05	10.02	218	6.9	14849	3557	307	329	3.22	188		58	4.6	0.2		3.67		0.79	1.4
6018524	-20#	0.05	1		83	0.11	185	-0.05	2.44	232	7	10083	3444	202	58	1.83	178		41	3.6	0.15		3.72		0.72	3.8
6018525	-20#	0.05	3.8		109	0.25	446	0.06	2.5	136	7	10164	5845	306	70	3.4	208		47	7.3	0.22		4.83		1	6.8
6018526	-20#	0.06	2.7		231	0.18	745	-0.05	17.76	250	14.8	19579	9038	1249	443	2.85	319		98	7.3	0.31		6.57		1.57	10.7
6018527	-20#	0.08	2.1		148	0.17	527	-0.05	15.44	221	9.2	18016	7601	945	428	3.31	220		72	7.4	0.32		6.85		1.28	6
6018528	-20#	0.06	2		141	0.16	363	-0.05	11.38	278	13.3	17805	6477	800	253	4.67	190		66	6.4	0.34		6.1		1.26	2.4
6018529	-20#	0.05	1.5		166	0.16	563	-0.05	10.87	135	9	17109	9104	1240	142	3.44	300		71	6.5	0.28		6.56		1.32	2.7
6018530	-20#	0.05	4.7		106	0.18	1205	-0.05	12.61	272	17.7	23743	6108	1431	456	5.35	159		60	8.2	0.4		6.72		1.16	11.8
6018531	-20#	0.05	0.9		73	0.14	187	-0.05	1.91	101	4.4	7941	3447	281	81	1.77	132		32	4	0.2		4.2		0.78	3
6018532	-20#	0.05	1.9		57	0.12	145	-0.05	2.51	181	5.5	9325	2049	186	90	1.97	83		34	3.6	0.18		3.11		0.55	1.1

APPENDIX III

Walgundu Project Area
EL 8784 Gibb Bluff
EL 9185 Mt Vizard

Diamond Drill Hole Ledgers and Assay Results
Not Available for Previous Reporting Period

RIO TINTO EXPLORATION PTY LIMITED : DRILLHOLE ASSAY RESULTS

DRILL HOLE	DD98WG004	**GEOLOGIST**	SWH	**RL COLLAR**		**COMMENCED**	6/25/98
TENEMENT	GIBB BLUFF	**AMG EAST**	474000	**AZIMUTH**	180	**COMPLETED**	7/1/98
PROSPECT	MOUNTAIN CREEK	**AMG NORTH**	8344900	**INCLINATION**	-60	**CASING LEFT**	6
LAB	ASSAYCORP	**ZONE**	53	**DRILLING CO.**	CENTURY	**TOTAL DEPTH**	220 (metres)
DPO	88190	**MAP REF.**	SD531 URAPUNGA	**DRILL TYPE**	UDR650	**TECTONIC DOMAIN**	Mcarthur Basin

FROM	TO	SAMPLE	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pd	Pt	Pb	Sb	Se	Th	U	V	Zn
0.00	3.00	6017674	0.1	64.3		454	0.38	2530	-0.05	18	137	43	65536	28167	3639	352	2.61	332	29	211			25			9.92	2.16	144	14
3.00	6.00	6017675	0.1	27.8		403	0.53	22894	-0.05	13	89	30	34200	44562	18296	280	1.5	691	24	259			19			14.8	3.16	73	29
6.00	9.00	6017676	0.3	21.4		633	0.53	15852	-0.05	11	88	46	13705	79737	12246	104	0.73	763	25	316			12			12.9	2.23	58	23
9.00	12.00	6017677	0.3	21.6		605	0.58	8286	-0.05	14	95	65	12762	97189	7263	95	1.05	703	29	495			14			15.1	2.85	69	23
12.00	15.00	6017678	0.3	22.6		646	0.76	2936	-0.05	15	67	71	9348	1E+05	3167	159	0.91	656	27	796			10			13.5	2.66	71	19
15.00	18.00	6017679	0.5	53.7		605	0.74	3295	0.07	29	134	79	20623	61590	3770	723	1.81	426	40	648			14			11.0	3.89	59	31
18.00	21.00	6017680	0.7	66.3		663	1.01	2767	0.09	25	133	67	29813	53141	2424	992	1.98	380	37	922			21			10.2	5.12	55	60
21.00	22.00	6017681	1.2	68.5		621	0.66	2948	0.14	27	103	64	28913	56013	1736	787	1.8	577	30	695			34			7.67	4.15	46	60
22.00	23.00	6017682	0.6	25.7		332	0.41	90615	0.05	11	38	33	16614	40960	48086	567	0.92	406	11	325			14			6.06	2.37	28	26
23.00	24.00	6017683	0.4	19.1		322	0.38	89328	0.13	9	50	25	14937	35991	48640	530	0.82	428	9	238			11			5.75	1.86	21	33
24.00	25.00	6017684	0.6	33.9		430	0.53	86635	0.12	14	30	33	18110	45680	47920	649	0.96	451	15	343			15			7.08	2.37	25	37
25.00	26.00	6017685	0.8	29.2		417	0.41	63598	0.08	17	25	35	13609	43153	34327	477	0.95	346	14	335			19			7.62	3.25	19	34
26.00	27.00	6017686	0.8	50.5		463	0.5	64844	0.16	26	28	79	17853	42181	35718	680	1.36	310	19	303			24			7.26	2.15	26	55
27.00	28.00	6017687	0.7	53.4		444	0.44	68524	0.28	16	41	52	20349	33003	38694	788	1.47	283	16	254			19			5.34	1.96	25	80
28.00	29.00	6017688	0.8	50.3		312	0.55	79684	0.15	35	31	53	16519	31639	45088	616	2.5	251	16	257			19			5.54	2.07	22	58
29.00	30.00	6017689	0.6	37.4		241	0.26	90988	0.13	9	70	46	16601	18752	52531	754	1.93	227	13	202			15			3.07	1.12	16	45
30.00	31.00	6017690	0.6	53.5		326	0.29	60833	0.18	14	68	61	18465	20823	34976	871	2.2	311	21	258			20			3.32	1.26	18	61
31.00	32.00	6017691	1.2	87		516	0.46	10396	0.09	31	76	95	23701	46550	6825	842	3.51	292	41	1049			20			8.69	4.44	31	79
32.00	33.00	6017692	1.1	101		630	0.52	3768	0.08	23	52	108	23047	45217	4149	1085	1.91	283	32	509			23			8.85	4.02	32	78
33.00	34.00	6017693	0.6	30.8		198	0.29	114310	0.11	18	39	29	18411	20566	65288	893	1.16	164	14	200			17			3.66	1.52	22	50
34.00	35.00	6017694	0.5	59.4		461	1.18	10975	-0.05	12	90	62	12276	78005	14482	161	1	389	35	851			44			17.3	4.1	87	40
35.00	36.00	6017695	0.5	38.4		741	1.72	18775	0.05	21	124	55	14050	85003	15292	209	1.2	525	30	486			42			12.6	3.91	76	30
36.00	37.00	6017696	0.5	35.7		347	0.94	89677	0.06	14	68	48	21263	32213	49999	703	2.65	303	20	463			26			4.96	3.74	32	35
37.00	38.00	6017697	1.2	63.4		338	0.67	104172	0.11	26	76	75	19142	30430	59425	669	4.67	333	28	357			29			5.47	6	38	55

FROM	TO	SAMPLE	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pd	Pt	Pb	Sb	Se	Th	U	V	Zn
38.00	39.00	6017698	0.6	35.4		192	0.3	112860	0.08	15	83	30	18516	18358	61958	797	1.73	200	18	193			20			2.48	3.43	20	34
39.00	40.00	6017699	0.5	42.2		397	1.1	85882	0.08	16	63	44	19633	30302	46284	735	2.22	330	21	377			21			7.52	3.71	30	36
40.00	41.00	6017700	0.3	25.4		290	0.6	75288	0.06	11	85	31	15976	33244	40707	624	1.97	284	14	307			12			4.66	1.86	30	27
41.00	42.00	6017701	0.5	31		324	0.51	73569	-0.05	13	111	30	16653	36080	41923	585	1.8	291	17	340			20			5.09	2.11	35	22
42.00	43.00	6017702	0.4	25.2		223	0.28	115103	0.06	11	35	33	18064	22051	63353	726	1.22	214	11	203			24			3.11	1.63	23	27
43.00	44.00	6017703	0.4	26.8		357	0.41	90790	0.06	11	33	29	16350	35131	51909	578	1.37	290	13	279			17			5.92	2.47	21	23
44.00	45.00	6017704	0.4	26.9		353	0.47	87606	0.05	12	39	26	16247	37234	49017	556	1.33	318	14	296			18			6.15	2.54	22	22
45.00	46.00	6017705	0.5	29.7		393	0.4	86726	0.06	13	28	21	13979	34982	47813	441	1.38	332	15	282			20			6.29	3.1	20	20
46.00	47.00	6017706	0.5	25.1		257	0.36	117882	-0.05	10	31	23	15985	26298	65375	583	1.83	269	11	207			16			4.02	1.9	17	23
47.00	48.00	6017707	0.3	16		149	0.23	127984	-0.05	7	23	12	14171	15134	70814	563	1.58	212	5	140			10			2.49	1.08	12	19
48.00	49.00	6017708	0.4	23.3		267	0.36	123185	0.05	10	32	18	16423	26283	68665	609	2.62	277	9	207			16			4.23	1.8	17	22
49.00	50.00	6017709	0.4	15.8		146	0.2	143252	0.06	7	36	19	13813	14561	80438	558	4.24	233	6	154			11			2.26	1.17	11	22
50.00	51.00	6017710	0.3	15		135	0.21	157391	-0.05	7	34	15	14932	14075	88206	640	2.4	215	5	141			10			2.19	1.1	11	18
51.00	52.00	6017711	0.4	15		173	0.29	138730	-0.05	7	27	13	12782	23290	77980	531	3.3	242	5	165			11			4.32	2.32	11	18
52.00	53.00	6018307	0.2	5.8		72	0.22	170332	-0.05	2	7	7	12237	6424	1E+05	617	2.9	125	-2	50			14			1.08	0.8	6	11
53.00	56.00	6018308	0.3	10		89	0.29	151833	-0.05	4	8	9	10974	10707	91872	536	3.06	182	5	86			11			1.86	1.19	10	12
56.00	57.40	6018309	0.4	46.2		160	0.23	119857	-0.05	7	21	12	12434	21250	73345	457	2.47	265	12	134			19			4.13	1.56	22	21
57.40	58.30	6018310	0.7	63.2		365	0.28	91022	-0.05	9	41	17	15476	31188	57208	494	6.31	216	20	212			22			5.4	2	43	24
58.30	61.00	6018311	0.3	16.5		112	0.1	129970	-0.05	-2	18	7	11016	16548	77163	439	1.64	202	4	99			17			2.55	1.12	19	8
61.00	64.00	6018312	0.2	18.3		316	0.24	89322	0.05	4	18	9	9424	21821	51147	320	1.4	310	10	156			19			6.85	1.96	16	26
64.00	66.00	6018313	1.5	3.1		75	0.03	184900	0.68	987	54	669	12400	5152	1E+05	535	7.47	141	8	37			11			0.73	0.76	10	16
66.00	66.62	6018314	0.2	42.2		179	0.15	195956	0.05	2	3	8	26998	2502	1E+05	614	9.84	106	2	32			34			0.35	0.7	7	30
66.62	66.78	6018290	0.2	102		94	0.1	218914	6.34	2	8	13	16551	3936	1E+05	609	6.7	534	-2	61			78			0.9	0.68	10	4504
66.78	68.00	6018315	0.2	9.4		110	0.04	179977	0.09	-2	9	4	10578	7710	1E+05	569	3.3	164	-2	75			13			0.96	1.14	8	65
68.00	69.00	6018316	0.2	22.4		140	0.06	164413	-0.05	3	14	8	14344	13003	97139	744	1.24	183	6	105			14			1.66	1.24	14	52
69.00	70.00	6018317	0.3	24		140	0.07	165106	-0.05	3	15	7	20954	12119	94605	1204	1.39	208	6	83			17			1.51	1	14	58
70.00	71.00	6018318	0.3	13.5		114	0.12	156094	-0.05	-2	15	6	23251	12248	89283	1265	2.07	201	4	54			16			1.62	1.17	12	19
71.00	72.00	6018319	0.2	6.3		71	0.03	130351	-0.05	-2	43	4	18864	3962	72017	1036	2.11	159	-2	15			11			0.57	0.61	6	17
72.00	73.00	6018291	0.2	5		114	0.04	143192	0.11	-2	60	11	17384	4039	73602	979	1.47	207	-2	29			-5			0.71	0.51	6	109
73.00	74.00	6018292	0.2	5.3		305	0.14	139650	0.12	-2	30	10	15951	9181	72335	947	1.98	197	-2	61			-5			1.74	0.72	5	193
74.00	75.00	6018293	0.1	10.4		67	0.02	134516	-0.05	-2	58	6	13998	2262	70332	805	5.84	126	4	28			-5			0.32	0.37	3	46
75.00	76.00	6018294	0.1	12.2		63	-0.02	156949	0.66	-2	82	9	14407	1357	83495	821	10.2	114	5	18			5			0.21	0.37	4	516

FROM	TO	SAMPLE	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pd	Pt	Pb	Sb	Se	Th	U	V	Zn
76.00	77.00	6018295	0.2	21.4		82	0.02	162822	0.8	-2	42	25	13768	2411	87156	858	7.01	139	2	25			10			0.31	0.29	3	812
77.00	78.13	6018296	0.3	17.5		238	0.2	136369	0.33	2	38	11	13281	25056	71931	700	2.72	293	4	188			10			3.44	1.59	11	291
78.13	78.73	6018297	0.3	12.6		156	0.11	144563	0.37	3	47	11	15029	13588	76240	836	1.83	227	6	114			9			2.11	1.1	13	324
78.73	78.97	6018298	0.2	19.3		111	0.06	103378	1.6	2	155	27	13168	9006	54514	522	8.88	238	11	66			22			1.38	0.74	14	1747
78.97	79.20	6018299	0.4	109		97	0.06	106446	15.7	5	88	23	24182	11746	56306	558	38.1	208	12	85			101			1.54	0.97	16	17030
79.20	79.70	6018300	0.3	20.4		118	0.07	126438	2.53	-2	124	28	15732	7133	66296	792	14.7	181	8	60			19			0.99	0.87	13	2686
79.70	80.35	6018301	0.3	9.4		64	0.38	196069	0.16	-2	6	7	18840	1614	1E+05	1133	1.54	174	-2	35			-5			0.25	0.41	6	163
80.35	81.00	6018302	0.2	21.1		103	0.14	173803	-0.05	-2	72	13	19737	4505	91402	1085	2.32	195	5	64			6			1.01	0.65	10	79
81.00	81.70	6018303	0.3	29.4		179	0.15	127929	0.06	-2	61	17	16573	7221	66718	827	2.73	207	7	83			9			2	1.06	10	77
81.70	82.48	6018320	0.2	11.8		128	0.04	111357	-0.05	-2	32	12	11273	3974	64817	616	4.13	164	6	55			7			0.93	1.09	9	14
82.48	83.50	6018321	0.3	9.9		175	0.24	121466	-0.05	-2	30	9	12255	11852	71049	655	2.98	197	4	102			15			2.92	1.57	13	13
83.50	84.00	6018322	0.4	22.6		110	0.09	128494	0.06	3	31	16	12203	11439	75794	520	6.53	189	8	92			15			1.96	1.31	16	44
84.00	85.00	6018323	0.3	6.3		130	0.12	169432	-0.05	-2	3	6	9928	15628	1E+05	619	2.24	192	2	111			9			3.34	2.27	12	19
85.00	86.00	6018324	0.3	16.7		68	-0.02	162132	0.37	-2	25	8	11089	3588	97015	600	4.7	149	4	65			23			0.64	0.79	5	107
86.00	89.00	6018325	0.3	8.8		94	0.04	163253	-0.05	-2	7	6	9279	7433	97152	658	1.52	186	-2	111			24			1.31	0.82	6	20
89.00	92.00	6018326	0.3	17.1		275	0.1	139999	0.15	-2	12	10	9118	15323	84214	535	1.63	220	-2	136			24			2.96	1.2	8	36
92.00	94.65	6018327	0.3	13.4		343	0.21	111597	0.06	-2	10	9	8900	27880	64170	463	2.25	262	-2	189			33			6.29	1.78	9	16
94.65	94.76	6018304	0.3	16.7		484	0.47	41031	1.63	3	113	65	8055	48963	20939	209	3.02	361	10	402			9			9.07	2.36	9	822
94.76	95.90	6018328	0.4	34.7		874	0.7	40357	0.31	3	27	20	6329	58612	22151	190	2.2	417	6	539			29			18.2	4.77	12	121
95.90	96.58	6018305	0.4	48.8		1203	0.94	17011	0.28	3	25	28	4488	79710	8109	89	2.01	509	6	816			798			18.4	5	5	123
96.58	97.40	6018306	0.3	13.2		302	0.14	138683	0.29	4	52	16	9140	11215	75297	482	3.64	226	7	123			94			1.66	0.87	13	103
97.40	98.40	6018329	0.2	6.4		53	-0.02	159887	0.06	-2	19	5	8310	2917	96226	550	2.67	183	-2	121			15			0.53	0.86	5	31
98.40	101.00	6018330	0.2	10.8		75	0.02	159322	-0.05	-2	23	7	8264	7613	95686	499	1.26	193	3	105			17			1.32	0.89	6	22
101.00	104.00	6018331	0.1	10.3		145	0.02	147324	0.12	-2	11	6	8712	7041	88202	518	1.52	206	-2	99			15			1.16	0.71	9	43
104.00	107.00	6018332	0.2	7.5		203	0.03	152760	0.09	-2	14	5	8377	10440	89960	488	1.78	183	-2	82			17			1.89	1.06	7	66
107.00	110.00	6018333	0.2	7.3		257	0.04	145831	-0.05	-2	9	5	8871	14020	86582	454	0.65	232	-2	91			19			2.4	0.73	10	14
110.00	113.00	6018334	0.2	10.8		330	0.05	127353	-0.05	-2	24	9	8446	16280	74252	367	1.13	240	2	113			20			2.71	0.86	11	16
113.00	115.95	6018335	0.2	9.2		287	0.26	131823	-0.05	-2	18	5	7294	13473	77612	383	1.02	205	-2	116			9			2.31	0.87	10	11
115.95	117.40	6018336	0.2	13.5		130	0.05	157072	-0.05	-2	24	5	8865	7236	94442	420	1.65	218	3	62			11			1.5	0.94	8	57
117.40	119.60	6018337	0.2	6.3		282	0.06	163589	0.16	-2	8	6	9561	15930	98172	515	0.45	241	-2	107			9			2.59	1.23	12	88
119.60	122.40	6018338	0.2	12.3		117	0.04	174206	-0.05	-2	8	5	7926	7542	1E+05	508	1.51	166	-2	62			18			1.23	0.76	7	11
122.40	125.00	6018339	0.2	10.8		322	0.06	136029	-0.05	-2	21	7	8139	17366	79420	368	1.34	229	3	136			23			3.23	1.2	11	12

FROM	TO	SAMPLE	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pd	Pt	Pb	Sb	Se	Th	U	V	Zn
125.00	127.40	6018340	0.2	6.6		85	-0.02	172187	-0.05	-2	9	5	8506	6928	1E+05	537	0.98	164	-2	79			6			1.03	0.78	8	9
127.40	129.00	6018341	0.2	9.9		93	-0.02	158396	-0.05	-2	8	6	8337	8962	93717	515	1.37	155	2	133			43			1.59	0.94	9	9
129.00	132.00	6018342	0.2	6		170	0.03	165983	-0.05	-2	6	5	7863	11448	98315	428	0.64	196	-2	107			17			1.88	1.02	10	16
132.00	134.40	6018343	0.2	7.6		193	-0.02	168867	-0.05	-2	19	10	7313	4900	1E+05	436	1.89	157	-2	64			15			0.86	0.58	7	11
134.40	135.80	6018344	0.2	32.1		342	0.07	85947	0.08	3	50	218	9337	13081	49332	289	2.37	244	10	228			40			1.93	1.42	17	24
135.80	139.00	6018345	0.2	10.4		661	0.02	152759	-0.05	-2	26	13	8210	8269	93202	434	2.42	182	4	102			19			1.32	0.9	10	10
139.00	142.00	6018346	0.2	3.7		149	-0.02	177345	-0.05	-2	11	4	7145	8399	1E+05	447	1.2	192	-2	93			14			1.22	0.8	9	22
142.00	145.00	6018347	0.2	8.2		195	-0.02	142703	-0.05	-2	23	7	7769	11322	88098	407	2.03	186	3	104			23			1.3	0.98	10	11
145.00	148.00	6018348	0.2	17.2		450	0.05	147779	-0.05	-2	28	7	7616	5478	87960	416	2.25	160	2	93			12			0.9	1.08	10	10
148.00	151.00	6018349	0.2	7.7		797	0.03	171847	-0.05	-2	12	5	6257	5258	1E+05	412	3.45	169	-2	86			14			0.8	1.05	7	4
151.00	154.00	6018350	0.2	8.9		484	0.06	156916	-0.05	-2	14	5	6606	10648	93855	389	2.55	199	-2	101			24			1.88	1.61	9	13
154.00	157.00	6018351	0.2	13.1		685	0.03	160609	-0.05	-2	28	6	7313	5416	96348	432	2.97	173	-2	51			16			0.8	1.1	6	16
157.00	160.00	6018352	0.2	5.5		598	0.04	169624	-0.05	-2	15	4	6561	6363	1E+05	449	5.6	164	-2	96			12			0.99	1.77	6	5
160.00	163.00	6018353	0.2	6.7		921	0.04	163865	-0.05	-2	16	5	7698	9641	98915	490	3.41	188	-2	109			21			1.5	1.59	9	9
163.00	166.00	6018354	0.2	9.3		414	0.02	157662	-0.05	-2	26	5	7325	6663	94487	422	5.13	178	2	79			19			1.09	1.46	7	13
166.00	167.85	6018355	0.2	6.2		279	0.03	174140	-0.05	-2	14	6	6815	7737	1E+05	420	4.19	174	-2	90			18			1.44	1.55	7	46
167.85	168.45	6018356	0.2	6.3		460	0.07	151797	0.38	3	17	9	9923	21924	90284	391	8.49	241	3	114			15			3.63	2.93	12	216
168.45	169.80	6018357	0.09	2.1		110	-0.02	152655	-0.05	-2	25	4	5709	4194	91862	332	3.23	137	-2	16			7			0.59	1.14	4	7
169.80	172.00	6018358	0.1	8		443	0.03	169470	-0.05	-2	8	4	6026	7158	1E+05	356	7.99	162	-2	46			8			1.33	2.24	5	8
172.00	175.00	6018359	0.1	4		377	-0.02	186323	-0.05	-2	21	3	5953	2650	1E+05	374	3.55	149	-2	26			7			0.48	1.04	3	9
175.00	178.00	6018360	0.1	4.6		132	-0.02	165873	-0.05	-2	20	3	4924	2948	99418	324	2.7	141	-2	51			9			0.47	1.11	3	6
178.00	181.00	6018361	0.2	8.3		633	0.03	172503	0.09	-2	15	5	6188	6538	1E+05	380	3.58	168	3	115			17			1.07	1.96	7	86
181.00	181.75	6018362	0.2	7.1		1147	0.03	181628	0.37	-2	18	7	7245	7993	1E+05	497	3.6	193	2	119			23			1.25	1.99	8	250
181.75	182.10	6018363	0.2	15.1		480	0.07	156067	0.1	4	17	16	9161	20958	92572	506	1.86	263	5	235			55			2.94	2.7	14	71
182.10	183.55	6018364	0.2	7.9		684	0.04	164417	0.31	-2	19	5	7371	10500	97997	448	3.99	207	-2	111			20			1.91	1.77	9	200
183.55	183.80	6018365	0.2	6.3		341	-0.02	166497	0.24	-2	21	9	7073	5664	99633	426	4.43	165	-2	54			12			1.09	1.15	7	142
183.80	186.00	6018366	0.1	1.6		63	-0.02	184409	0.41	-2	20	3	4869	1251	1E+05	377	2.16	130	-2	16			-5			0.18	1.08	3	287
186.00	189.00	6018367	0.2	4.5		60	-0.02	191793	0.08	-2	18	3	4852	2282	1E+05	323	6.4	140	-2	31			12			0.37	1.3	4	54
189.00	191.00	6018368	0.2	7.1		311	0.02	185586	-0.05	-2	10	3	5941	5828	1E+05	355	5.42	159	-2	56			11			0.96	1.13	6	11
191.00	194.04	6018369	0.2	4.3		80	-0.02	180847	-0.05	-2	17	4	6198	7878	1E+05	339	3.54	174	-2	45			13			1.24	1.2	7	42
194.04	197.05	6018370	0.2	7.5		105	-0.02	173590	-0.05	-2	13	3	5708	6733	1E+05	330	2.4	189	2	65			12			1.25	0.95	6	14
197.05	200.05	6018371	0.2	2.1		42	-0.02	194318	-0.05	-2	6	1	4068	2165	1E+05	299	3.63	130	-2	25			-5			0.33	1.35	4	3

FROM	TO	SAMPLE	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pd	Pt	Pb	Sb	Se	Th	U	V	Zn
200.05	203.80	6018372	0.2	9.3		432	0.08	169858	-0.05	-2	22	4	5155	2973	1E+05	285	8.19	167	3	43			23			0.5	1.53	6	9
203.80	206.65	6018373	0.2	10.6		988	0.07	157560	-0.05	2	28	6	6080	11590	94081	298	14.5	243	4	107			26			2.22	3.19	8	11
206.65	209.95	6018374	0.2	4.4		297	0.05	156795	-0.05	2	12	4	5677	12993	93774	305	2.67	215	3	87			13			2.4	7.93	10	28
209.95	213.25	6018375	0.2	6.1		557	0.06	163429	-0.05	3	23	6	5835	11221	97829	273	2.07	188	3	69			17			2.34	2.2	8	13
213.25	215.75	6018376	0.2	8.7		894	0.05	140638	-0.05	3	43	8	6291	16435	83521	258	1.72	237	5	106			17			2.87	1.5	11	9
215.75	217.70	6018377	0.2	3.9		359	0.02	167960	-0.05	-2	24	4	4330	6672	1E+05	237	1.82	162	3	43			10			1.36	2.2	7	25

RIO TINTO EXPLORATION PTY LIMITED : DRILLHOLE ASSAY RESULTS

DRILL HOLE	DD98WG005	**GEOLOGIST**	SWH	**RL COLLAR**		**COMMENCED**	7/4/98
TENEMENT	GIBB BLUFF	**AMG EAST**	475500	**AZIMUTH**	177	**COMPLETED**	7/12/98
PROSPECT	MOUNTAIN CREEK	**AMG NORTH**	8344900	**INCLINATION**	-65	**CASING LEFT**	4
LAB	ASSAYCORP	**ZONE**	53	**DRILLING CO.**	CENTURY	**TOTAL DEPTH**	170 (metres)
DPO	88196	**MAP REF.**	SD531 URAPUNGA	**DRILL TYPE**	UDR650	**TECTONIC DOMAIN**	Mcarthur Basin

FROM	TO	SAMPLE	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pd	Pt	Pb	Sb	Se	Th	U	V	Zn
0.00	3.00	6017742																											
3.00	6.00	6017743	0.1	37.6		240	0.41	526	-0.05	12	145	24	1E+05	3774	2595	320	3.39	438	17	246			31			11.5	3.17	261	36
6.00	9.00	6017744	0.07	21.5		343	0.32	319	-0.05	17	100	19	42395	30883	10500	461	1.16	E+03	40	185			30			7.38	3.17	71	113
9.00	12.00	6017745	0.07	21		457	0.25	14464	0.1	28	105	19	32804	34020	17389	611	1.38	E+03	45	200			25			11.4	3.14	65	121
12.00	15.00	6017746	0.08	16.8		430	0.25	27604	0.14	47	89	17	32219	33489	23959	611	1.15	786	49	182			19			11.0	3.27	63	114
15.00	18.00	6017747	0.05	19.4		707	0.23	15417	0.22	26	94	21	36006	36714	17161	531	0.98	439	65	347			17			11.4	3.36	78	120
18.00	21.00	6017748	0.05	16.8		869	0.25	1244	0.31	59	111	23	43597	38965	9806	1192	1.62	416	88	534			32			12	3.81	94	134
21.00	24.00	6017749	0.08	13.3		441	0.35	998	0.27	22	116	19	36522	45856	11118	319	0.47	451	70	449			24			12.4	4.64	106	121
24.00	27.00	6017750	0.06	14.6		449	0.25	1018	0.28	25	105	21	33718	45301	10103	322	0.97	487	62	509			20			11.4	4.7	99	109
27.00	30.00	6018151	0.07	15.7		456	0.29	999	0.29	32	75	20	39251	45455	9836	429	0.94	505	58	610			21			14.3	4.88	93	118
30.00	33.00	6018152	0.05	19.3		786	0.28	997	0.28	26	76	22	42839	44399	8449	450	1.34	495	50	922			22			14.7	4.33	94	116
33.00	36.00	6018153	0.05	25.9		442	0.3	1248	0.12	15	97	19	36996	46279	8215	53	1.06	588	44	821			19			16.1	4.41	101	102
36.00	39.00	6018154	0.06	14.8		454	0.32	1155	0.07	16	96	18	46065	46159	8695	57	1.52	579	38	937			18			14.9	4.02	101	86
39.00	42.00	6018155	0.05	19.4		401	0.26	1239	0.07	16	103	19	73679	38861	7972	89	1.75	567	36	1002			18			12.8	3.59	112	87
42.00	45.00	6018156	0.1	17.4		335	0.34	1494	0.1	30	106	19	23596	41856	13114	41	1.86	467	43	330			21			15.8	3.61	89	93
45.00	48.00	6018157	0.1	17		287	0.34	2582	0.07	18	95	17	25906	45697	13918	45	1.99	497	37	832			20			14.7	3.75	99	69
48.00	51.00	6018158	0.09	18.3		308	0.35	2042	-0.05	18	103	20	30117	48816	14316	77	1.6	539	37	559			19			14.9	3.63	105	46
51.00	54.00	6018159	0.09	13.4		319	0.35	1917	0.08	16	100	19	26360	40309	13934	88	4.43	444	36	452			23			15.8	3.8	84	52
55.00	58.00	6018160	0.1	19.6		326	0.31	2153	0.09	20	144	20	35365	45699	14233	421	2.32	565	42	567			21			13.9	3.55	96	85
58.00	61.00	6018161	0.1	21.2		333	0.33	2497	0.07	17	126	21	39814	44241	14924	686	2.49	485	39	667			23			14.1	3.73	104	50
61.00	64.00	6018162	0.1	18.7		289	0.35	2225	-0.05	17	124	20	35315	47367	14089	253	1.91	520	39	598			21			14.6	3.49	92	53
64.00	67.00	6018163	0.2	15.1		306	0.39	1940	0.07	13	106	17	32015	43645	14667	149	1.53	458	34	455			20			15.8	3.55	73	49
67.00	69.00	6018164	0.1	14.1		334	0.37	1829	0.15	12	97	21	29374	47280	13656	61	1.25	545	31	452			23			15.9	3.71	80	49
69.00	72.00	6018165	0.1	3.4		247	0.44	1231	-0.05	9	74	11	24965	45757	10726	283	0.47	399	23	139			11			13.6	3.29	47	29

FROM	TO	SAMPLE	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pd	Pt	Pb	Sb	Se	Th	U	V	Zn
72.00	75.00	6018166	0.1	17.7		322	0.39	2162	0.06	14	102	17	36117	45733	13492	367	1.45	462	33	486			24			13.6	3.97	75	41
75.00	78.00	6018167	0.1	7.8		296	0.4	1564	-0.05	8	90	14	29529	43744	13008	78	0.97	449	27	340			14			13.6	3.71	63	32
78.00	81.00	6018168	0.2	10		354	0.39	1671	-0.05	10	97	20	27913	51251	12732	52	1.09	603	30	355			18			14.1	3.94	85	32
81.00	84.00	6018169	0.1	10.8		381	0.39	1762	-0.05	11	104	18	30059	52681	13564	67	1.19	495	32	381			24			17.5	4.08	92	37
84.00	87.00	6018170	0.1	6.3		302	0.35	2483	-0.05	9	78	14	55842	48316	12578	1183	1.03	415	25	477			14			13.2	3.21	64	32
87.00	90.00	6018171	0.2	6.9		338	0.39	2041	-0.05	11	91	13	31521	51732	12901	259	0.57	441	34	470			11			13.4	3.44	65	33
90.00	93.00	6018172	0.1	10.6		337	0.43	2607	-0.05	11	98	22	33789	50761	13355	166	0.63	450	35	737			14			11.4	4.09	60	41
93.00	95.00	6018173	0.1	8.5		351	0.44	2024	-0.05	11	100	18	27885	53134	13370	108	0.88	438	33	485			15			16.1	5.8	66	42
95.00	98.00	6018174	0.2	5.1		326	0.41	2307	-0.05	8	83	15	25439	53859	12333	90	0.48	428	29	634			9			12.1	3.62	59	36
98.00	101.00	6018175	0.1	5.4		336	0.44	2654	-0.05	10	65	17	26559	51141	11449	124	0.44	398	25	819			8			12.0	3.04	51	32
101.00	104.00	6018176	0.1	12.9		403	0.61	2756	-0.05	11	73	12	31422	52133	11241	350	0.65	437	26	928			7			12.8	2.77	51	39
104.00	107.00	6018177	0.1	7.5		475	0.51	2622	-0.05	12	61	12	25886	52027	12812	561	0.79	380	27	825			7			16.5	3.09	48	51
107.00	110.00	6018178	0.09	7.4		530	0.72	2981	-0.05	14	51	12	19931	46359	11343	465	1	336	24	761			6			14.4	2.52	41	64
110.00	113.00	6018179	0.1	11.2		512	0.27	92600	0.23	11	42	10	25033	38453	53960	1853	0.92	316	15	425			-5			9.84	1.83	33	44
113.00	116.00	6018180	0.09	19		603	0.25	7853	0.13	16	87	25	34014	56623	14182	909	0.97	360	28	610			9			14.7	2.64	41	160
116.00	119.00	6018181	0.1	6.9		669	1.05	1669	-0.05	23	60	43	14147	77001	7124	472	0.64	502	50	444			11			16	2.69	61	304
118.00	121.00	6017755	0.3	9.5		972	0.56	10810	-0.05	17	130	59	12101	76920	9311	169	1.41	551	45	329			9			13.0	1.83	59	204
121.00	124.00	6017756	0.2	7.4		1015	0.64	1717	-0.05	18	170	32	12710	82448	5080	247	1.07	535	35	384			11			15.3	2.39	66	128
124.00	127.00	6017757	0.4	3.9		749	0.73	1221	-0.05	6	216	33	9714	70893	4421	28	1.25	458	26	434			7			13.2	2.7	52	35
127.00	130.00	6017758	0.2	6.8		425	0.43	7611	0.14	11	136	32	26161	49825	15408	135	0.71	416	41	574			10			15.9	3.21	62	71
130.00	132.00	6017759	0.1	8.2		444	0.5	6207	-0.05	12	143	13	29774	53806	12351	414	0.86	470	32	879			15			14.9	2.66	60	87
132.00	134.00	6017760	0.1	8		488	0.81	37444	-0.05	10	79	9	23124	60471	27330	683	0.49	442	27	647			12			14.1	2.73	51	114
134.00	137.00	6017761	0.1	11.6		559	0.5	54887	0.08	11	89	10	18014	49714	37257	1319	0.67	373	38	370			18			11.6	1.98	50	140
137.00	138.00	6017762	0.2	27.5		622	0.1	123316	0.14	4	32	9	29316	20106	73764	2717	1.25	185	30	204			12			3.21	1.18	31	111
138.00	140.00	6017763	0.2	9.4		118	-0.02	142168	-0.05	-2	161	5	22363	2401	81873	1315	1.24	126	7	34			6			2.6	2.29	7	20
140.00	142.00	6017764	0.2	14.1		492	0.17	101515	0.24	9	66	9	19508	21999	62054	3229	0.96	254	29	369			16			5.26	1.71	37	180
142.00	144.00	6017765	0.1	8.2		596	0.31	10443	-0.05	20	155	13	22381	50341	18285	1691	0.94	452	57	657			22			14	2.81	85	252
144.00	146.00	6017766	0.1	23.4		656	0.23	3038	-0.05	29	196	5	75171	48104	12674	854	2.04	367	38	438			18			13	2.9	75	205
146.00	149.00	6017767	0.4	10.9		425	0.24	39784	-0.05	18	77	24	26146	38167	33564	804	0.76	368	35	412			50			11.6	3.7	68	130
149.00	152.00	6017768	0.6	11.2		245	0.28	50647	-0.05	12	78	36	21754	33337	36840	372	0.74	322	30	288			31			10.6	2.35	60	173
152.00	154.00	6017769	0.2	6		556	0.34	12523	-0.05	12	178	17	15988	59512	16409	336	0.74	462	38	438			21			15.1	2.77	67	249
154.00	156.00	6017770	0.2	3.4		266	0.15	92865	0.48	2	42	7	11307	32483	54684	557	0.31	286	8	870			10			5.55	2.37	27	80

FROM	TO	SAMPLE	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pd	Pt	Pb	Sb	Se	Th	U	V	Zn
156.00	157.00	6017771	0.2	6.3		175	0.13	112706	0.27	2	88	12	10766	15879	67444	573	0.96	211	8	135			10			3.15	1.05	20	70
157.00	161.00	6017772	0.2	15.3		471	0.28	31526	0.11	19	98	13	22057	43298	29173	720	0.63	408	51	346			17			13.4	2.72	69	254
161.00	164.00	6017773	0.2	10.2		461	0.37	3569	-0.05	29	148	19	19462	50372	14280	388	0.67	500	75	369			19			17.3	3.07	84	424
164.00	165.00	6017774	0.1	1.7		61	0.03	603	-0.05	3	567	11	9696	2195	779	64	4.4	107	23	40			-5			0.78	0.32	7	23

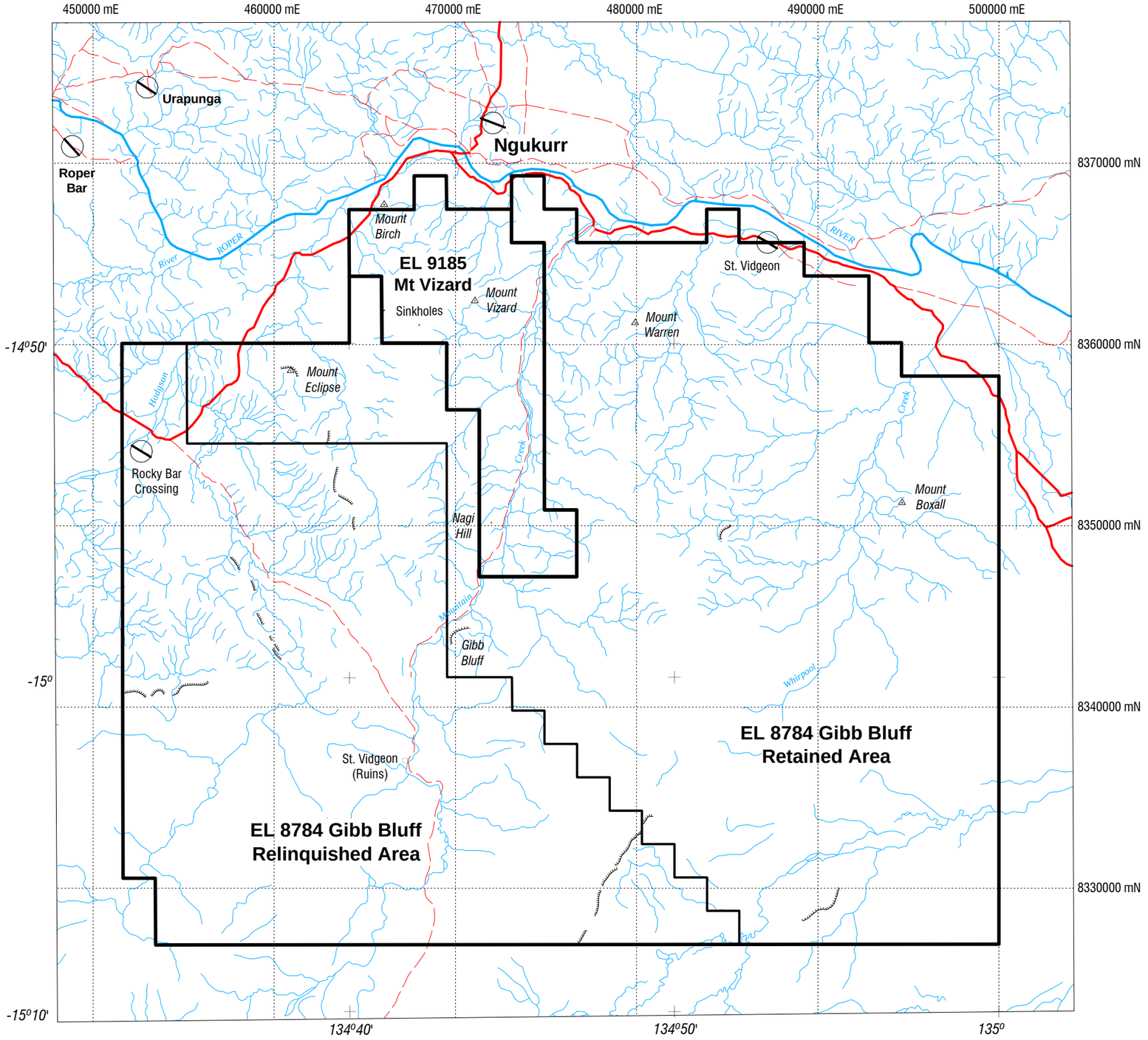
RIO TINTO EXPLORATION PTY LIMITED : DRILLHOLE ASSAY RESULTS

DRILL HOLE	DD98WG007	**GEOLOGIST**	DLW	**RL COLLAR**		**COMMENCED**	7/15/98
TENEMENT	GIBB BLUFF	**AMG EAST**	473400	**AZIMUTH**	165	**COMPLETED**	7/18/98
PROSPECT	MOUNTAIN CREEK	**AMG NORTH**	8344900	**INCLINATION**	-65	**CASING LEFT**	6
LAB	ASSAYCORP	**ZONE**	53	**DRILLING CO.**	CENTURY	**TOTAL DEPTH**	130 (metres)
DPO		**MAP REF.**	SD531 URAPUNGA	**DRILL TYPE**	UDR650	**TECTONIC DOMAIN**	Mcarthur Basin

FROM	TO	SAMPLE	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pd	Pt	Pb	Sb	Se	Th	U	V	Zn
0.00	3.00	6018182	0.3	21.1		408	0.45	1323	-0.05	24	99	29	37290	34138	6121	665	2.24	315	22	261			26			13.9	2.89	61	28
3.00	6.00	6018183	0.2	6		408	0.34	43961	-0.05	7	57	20	20919	45981	33037	183	0.65	424	17	427			-5			17.4	3.39	35	19
7.00	10.00	6018184	0.1	7.3		476	0.42	38719	-0.05	7	56	17	24694	46256	29022	410	0.54	647	16	544			-5			16.3	3.03	35	18
10.00	13.00	6018185	0.1	10.3		615	0.29	25030	-0.05	7	61	37	27188	55241	20526	708	0.68	553	18	696			-5			15.8	2.7	40	17
13.00	15.00	6018186	0.1	11.6		638	0.63	8902	-0.05	7	75	200	17207	66623	8791	460	0.87	420	23	955			-5			16.2	3.17	41	15
15.00	18.00	6018187	0.2	10.6		626	0.79	8035	-0.05	6	122	100	15463	69164	7376	366	1.53	435	20	849			-5			17.9	3.43	37	14
18.00	20.00	6018188	0.2	34.4		760	0.56	5610	0.1	10	238	189	31399	40244	5037	986	2.71	316	29	506			97			10.7	2.13	32	49
20.00	23.00	6018189	0.3	37.2		772	0.73	8155	0.59	12	212	345	25938	53619	5846	914	2.29	320	27	1270			375			16.1	2.94	33	91
23.00	24.00	6018190	1.3	34		1016	0.96	17453	10.7	9	123	783	11184	66860	10043	305	1.32	408	14	471			1797			11.9	2.3	56	832
24.00	27.00	6018191	0.8	47.7		382	0.78	103187	7.08	11	99	132	21791	35009	54182	866	1.9	264	18	324			558			6.38	1.51	35	471
27.00	30.00	6018192	0.5	30.4		351	0.52	87437	1.37	9	79	145	17358	31435	45787	636	1.84	260	13	332			258			5.78	1.18	30	114
32.00	33.00	6017807	0.5	26.9		545	0.43	73272	-0.05	13	42	42	11910	50548	41813	363	1.22	311	15	295			16			7.52	1.59	23	29
37.00	38.00	6017808	0.2	6.4		81	0.07	168098	-0.05	3	6	11	14378	7281	97806	780	0.68	88	3	36			5			1.05	0.47	7	33
42.00	44.00	6018378	0.3	3		83	0.04	174211	-0.05	3	6	211	12085	6404	1E+05	601	1.06	149	3	59			5			0.95	0.55	7	13
44.00	45.00	6018379	0.5	13.1		159	0.1	139515	-0.05	5	13	38	11958	18471	81469	548	1.22	184	4	136			12			3.06	1.19	14	20
45.00	46.00	6018380	0.6	19.6		175	0.17	125849	-0.05	7	23	22	13028	19925	74346	508	1.84	172	8	158			24			3.69	1.33	19	21
46.00	47.00	6018381	0.5	22.8		135	0.14	126994	-0.05	10	20	23	12695	17520	74259	524	1.97	174	9	136			17			3.05	1.23	17	20
47.00	48.00	6018382	0.6	26.4		254	0.17	103432	-0.05	10	26	28	12185	28553	59924	456	2.28	225	11	145			16			4.37	1.38	22	15
48.00	49.00	6018383	0.6	32.5		577	0.26	90165	-0.05	10	30	15	11157	45267	52908	402	2.09	269	11	153			16			8.49	2.45	19	17
49.00	50.00	6018384	0.6	19.2		193	0.16	125877	0.05	8	19	35	13665	21832	74088	613	2.09	192	10	146			19			3.69	3.41	19	23
50.00	51.00	6018385	0.7	20.6		322	0.19	105329	-0.05	8	33	13	13450	36072	62600	543	2.65	239	13	170			22			5.83	2.48	26	18
51.00	52.00	6018386	0.5	15.6		364	0.22	112915	-0.05	4	18	10	12238	40501	65195	520	2.02	250	8	152			14			6.72	2.03	19	11
52.00	53.00	6018387	0.4	22.2		72	0.03	159833	-0.05	4	14	8	13544	12398	93513	577	3.93	153	7	84			16			1.8	0.97	21	12
53.00	54.00	6018388	0.5	13.7		114	-0.02	146871	-0.05	8	11	52	10938	12297	85865	509	2.61	151	6	74			12			1.49	0.89	15	9

FROM	TO	SAMPLE	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pd	Pt	Pb	Sb	Se	Th	U	V	Zn
54.00	55.00	6018389	0.5	21		125	0.03	150308	-0.05	8	11	27	11523	13433	89362	516	1.21	154	6	72			11			1.6	0.87	14	10
55.00	55.50	6018390	0.5	14.8		155	0.04	129280	-0.05	10	10	14	9570	17021	76167	396	0.89	185	5	95			11			2.31	1.09	12	11
55.50	55.70	6018391	0.5	17.4		172	0.23	106160	6.19	10	80	101	10005	17263	62471	346	1.7	200	10	88			15			2.89	1.19	15	3621
55.70	57.00	6018392	0.3	10		95	0.04	135493	-0.05	5	11	7	8972	9244	79097	402	0.86	196	3	68			6			1.33	0.79	10	18
57.00	58.00	6018393	0.7	44.9		262	0.14	104850	-0.05	19	22	26	13567	31916	60765	389	2.46	250	16	194			21			4.57	2	19	23
58.00	59.00	6018394	0.4	20.6		462	0.28	69953	0.05	10	18	12	8101	53709	39076	303	1.37	312	9	244			11			8.79	3.38	16	25
59.00	60.00	6018395	0.3	14.3		679	0.34	55128	-0.05	8	40	12	7154	69965	30810	293	0.84	356	8	177			6			11.9	3.54	9	13
60.00	61.00	6018396	0.4	15.4		246	0.08	149975	0.06	10	9	57	10059	26635	88256	517	3.14	203	8	84			12			4.05	2.05	11	21
61.00	62.00	6018397	0.2	15.9		16	-0.02	195972	-0.05	11	-2	365	10271	1307	1E+05	605	1.47	93	9	18			-5			0.18	0.8	6	16
62.00	63.00	6018398	0.3	18.2		19	-0.02	198940	-0.05	16	2	322	10269	1957	1E+05	583	2.26	107	12	22			-5			0.18	1.09	4	12
63.00	64.00	6018399	0.3	19.1		24	-0.02	192869	-0.05	30	3	636	13154	2347	1E+05	735	1.77	90	21	26			-5			0.24	0.96	4	86
64.00	65.00	6018400	0.4	13.9		57	-0.02	182565	-0.05	11	5	223	18009	6554	1E+05	1035	2.02	109	5	78			6			0.78	1.96	9	12
65.00	66.00	6017751	0.4	14.1		81	-0.02	172320	-0.05	10	11	113	27025	11877	95304	1544	1.27	157	8	118			8			1.49	2.08	12	15
66.00	66.00	6017752	0.4	17.5		66	0.03	169747	-0.05	10	11	28	28004	12204	93987	1628	1.24	160	8	112			12			1.5	1.79	13	14
66.00	68.00	6017753	0.7	21.3		77	0.06	162793	-0.05	11	15	33	17075	16064	94677	815	2.52	163	13	141			18			1.84	2.29	15	10
68.00	69.00	6017754	0.3	8.3		34	-0.02	180351	-0.05	4	5	18	12946	5507	1E+05	715	1.73	144	3	32			7			0.59	1.19	8	8
72.00	73.00	6017809	0.3	11.2		171	0.09	118129	-0.05	5	52	9	10880	16702	68449	542	4.2	161	8	57			12			2.63	2.51	7	13
75.00	76.00	6017775	0.1	5.6		35	-0.02	122031	-0.05	3	57	9	10282	1854	70907	560	1.77	110	6	16			-5			0.27	3.03	4	17
76.00	77.00	6017776	0.2	6		36	-0.02	135914	0.05	4	39	6	10759	1498	79612	627	1.64	101	4	20			-5			0.2	4.29	4	19
77.00	78.00	6017777	0.2	5.6		39	-0.02	145935	-0.05	3	25	6	10928	2761	84688	684	2.4	111	3	22			6			0.34	1.97	4	8
78.00	79.00	6017778	0.4	21		117	0.06	118092	0.05	10	22	13	16949	12285	67281	848	8.9	178	9	95			15			1.89	2.43	14	14
79.00	80.00	6017779	0.4	18.6		624	0.56	70181	0.08	7	44	14	12143	50097	38084	585	6.52	329	10	323			20			9.18	7.05	11	23
80.00	81.00	6017780	0.5	38.6		326	0.22	97341	-0.05	7	19	14	16940	32276	55035	738	11	251	8	205			18			5.23	4.34	17	10
81.00	82.00	6017781	0.5	20.3		127	0.08	122621	-0.05	8	20	15	16024	16229	69425	861	15.5	185	12	295			17			2.74	3.82	21	11
82.00	83.00	6017782	0.5	18.4		78	0.04	129472	0.06	7	14	11	16369	7588	75752	935	13.9	144	10	70			27			1.54	4.45	15	14
83.00	84.00	6017783	0.2	6.1		40	-0.02	166763	0.09	-2	13	5	18920	2264	94603	1204	2.99	127	-2	32			8			0.38	4.76	8	33
84.00	85.00	6017784	0.4	26.9		99	0.08	131516	0.07	4	56	13	21646	10301	73411	1117	19.5	176	13	147			19			1.76	3.24	24	20
85.00	86.00	6017785	0.4	27.6		104	0.14	118452	-0.05	5	47	10	13811	10594	68974	744	14.6	151	12	134			14			2.4	3.8	16	10
86.00	87.00	6017786	0.4	30.5		622	0.04	106108	-0.05	4	76	26	12355	7220	64106	586	7.32	152	17	87			13			1.41	2.1	16	10
87.00	88.00	6017787	0.4	17.3		124	0.09	152320	-0.05	5	14	14	12508	15717	90955	639	9.13	168	9	117			14			2.61	2.39	18	10
88.00	89.00	6017788	0.3	5		61	-0.02	192600	-0.05	4	3	9	13785	6331	1E+05	790	1.41	114	-2	57			13			1.17	1.22	6	7
93.00	95.00	6017810	0.4	14.4		147	0.06	144348	-0.05	4	13	13	10596	12392	85480	663	2.37	139	5	124			25			2.07	1.23	9	15

FROM	TO	SAMPLE	Ag	As	Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pd	Pt	Pb	Sb	Se	Th	U	V	Zn
101.00	104.00	6017811	0.3	12.8		73	0.04	144912	0.15	6	41	22	10303	5864	86951	623	4.53	127	6	133			19			0.98	1.06	8	59
105.00	106.00	6017812	0.2	4.6		74	-0.02	121354	-0.05	3	43	8	7092	1923	71734	525	1.58	76	4	35			8			0.38	0.5	4	13
109.00	110.30	6017803	0.2	6.1		93	-0.02	156821	1.01	3	39	7	9016	3909	92666	591	1.65	109	3	84			7			0.61	1.04	6	736
110.30	111.00	6017804	0.2	5		142	0.02	187904	2.03	2	11	6	10129	7116	1E+05	689	0.86	98	-2	38			7			1.08	1.42	5	1287
111.00	111.50	6017805	0.3	7.8		144	0.04	162311	4.25	4	28	10	9036	8887	96664	579	2.68	110	5	58			13			1.43	1.68	5	2160
111.50	112.25	6017806	0.3	12.1		146	0.08	152660	3.72	4	25	9	9775	9645	90076	561	4.4	116	4	80			19			2.16	1.16	6	2121
113.00	114.00	6017813	0.2	11.2		150	0.04	123236	-0.05	2	83	11	9186	8806	72138	458	2.7	108	7	72			74			1.7	1	7	17
118.00	119.00	6017814	0.3	13		223	0.06	129848	-0.05	-2	15	9	8732	11691	76737	444	1.36	159	5	93			42			2.02	0.86	9	15
120.00	123.00	6017815	0.2	5.4		111	0.05	151471	-0.05	-2	29	8	8138	8422	89432	486	1.31	129	5	79			6			1.38	0.82	8	19
130.00	131.00	6017816	0.4	327		66	0.09	164566	-0.05	128	11	1075	12917	9816	96921	733	1.1	108	125	100			12			1.86	2.11	11	20



N

LEGEND

- Creek or River
- Road
- Track
- Cliff / Escapment
- EL Boundary

0 10 20

Kilometres

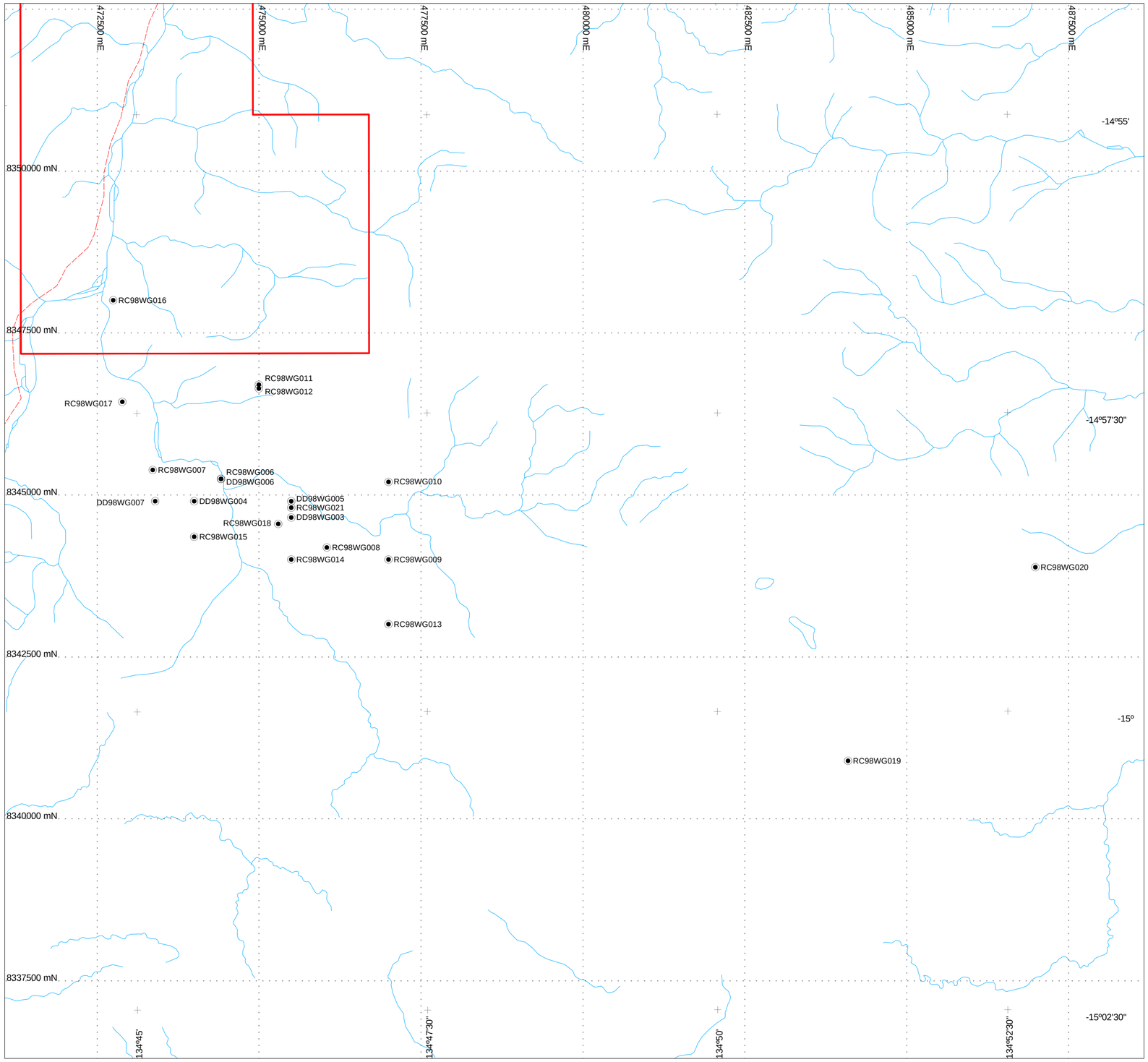
RIO TINTO EXPLORATION PTY. LIMITED

WALGUNDU PROJECT

EL 8784 GIBB BLUFF
EL 9185 MT VIZARD

LOCATION PLAN

Author :	P. Mackenzie	**Ref :**	SD5310, SD5314
Drawn :	I. Hubbard	**File Ref :**	McArthur/Gibb Bluff
Date :	06-08-1998	**Report No :**	23809
Scale :	1:250 000	**Plan No :**	NTd 6548



LEGEND

- Drainage
- Track
- EL Boundary
- Drillhole location

0 2 4

Kilometres

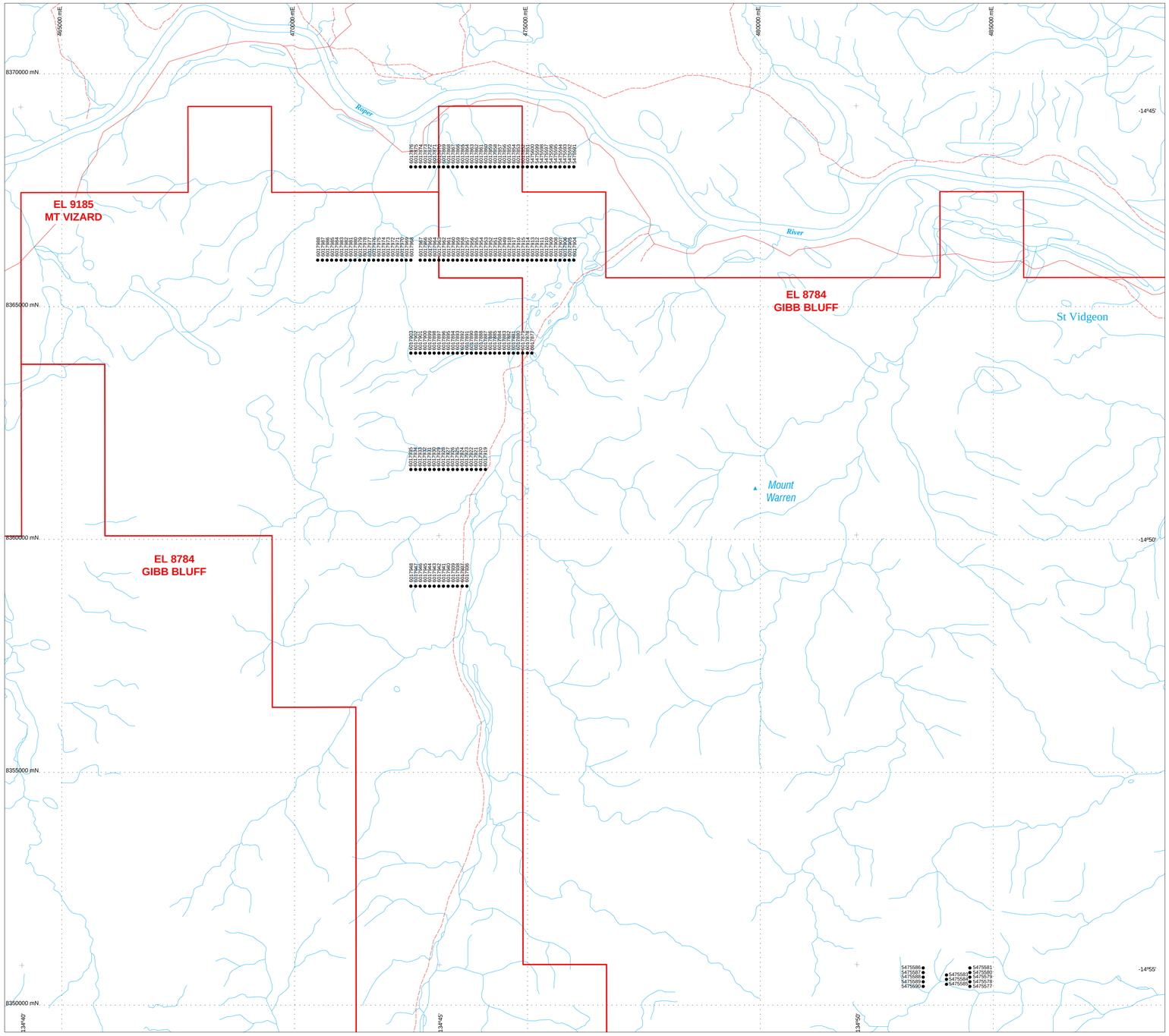
RIO TINTO EXPLORATION PTY. LIMITED

WALGUNDU PROJECT

EL 8784 GIBB BLUFF
EL 9185 MT VIZARD

Drill Hole Locations

Author :	P. Mackenzie	**Ref :**	SD5310, SD5314
Drawn :	I. Hubbard	**File Ref :**	McArthur / Gibb Bluff
Date :	06-08-1998	**Report No :**	23809
Scale :	1:50 000	**Plan No :**	NTd 6701



LEGEND

- Drainage
- Track
- Fence
- Cliff
- EL Boundary
- Soil Sample Location

N

0 2 4

Kilometres

RIO TINTO EXPLORATION PTY. LIMITED

WALGUNDU PROJECT

EL 8784 GIBB BLUFF
EL 9185 MT VIZARD

Soil Sample Locations

Author :	D. Wilkinson	**Ref :**	SD5310, SD5314
Drawn :	I. Hubbard	**File Ref :**	McArthur / Gibb Bluff
Date :	20-08-1999	**Report No :**	23838
Scale :	1:50 000	**Plan No :**	NTd 6736