OLYMPIC PROPERTY
1997 REPORT

DIAMOND DRILLING

093700

Located in the Ogilivie Mountains
Dawson Mining District
Yukon Territory
64° 54' N Latitude
139° 11' W Longitude
NTS 116B/14

Work Completed: August to October 1997

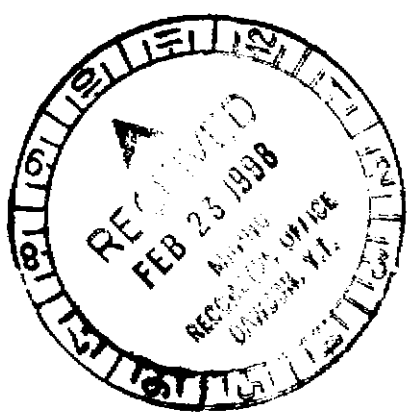
Work done on the Olympic 1 to 197 Claims

Grant Numbers

YB40925 to YB41092
and
YB88759 to YB88787

for

Major General Resources Ltd.
1550 – 409 Granville Street
Vancouver, B.C. V6C 1T2



By

Sean P. Butler, P.Geo
and
D.G. Gill, P.Geo
December , 1997

This [illegible] by
the [illegible]
[illegible] Quartz
[illegible] as
[illegible] in the amount
[illegible] 108,800 .

for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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SUMMARY

In the latter portion of the summer of 1997, Major General Resources Ltd. completed a diamond drill program on the Olympic property, the details of which are outlined below.

The Olympic claims are located approximately 100 kilometres north of Dawson City, Yukon, in the Ogilvie Mountains. Property access is presently by helicopter but the potential for future road access is good. The Olympic property consists of the 197 Olympic claims and 39 Europa claims located in the north draining Pyramid Creek valley on N.T.S. Mapsheet 116B/14.

The property was previously staked in 1975 by Umex as the LALA claims. Since then various programs by Umex, Placer Dome and Cominco have been conducted on the property including geology, geophysics, geochemistry and limited diamond drilling.

The Olympic property covers a portion of the Coal Creek Inlier, an oval shaped erosional window of Middle to Late Proterozoic epicontinental sediments surrounded by Lower to Middle Paleozoic carbonates of the MacKenzie Platform. The Middle to Late Proterozoic Wernecke Supergroup sediments are cut by the Helikian aged Northern Breccia Belt of the Ogilvie Mountains Breccias. The second largest body of brecciation and the highest concentration of igneous activity in the area occurs at the Olympic claims. These breccias are multi-phased and typically exhibit chlorite, hematite or carbonate matrices. The Olympic breccia body is about seven kilometres long, up to two kilometres wide and trends east-northeast.

Copper mineralization is widespread and often has a positive spatial relationship to mafic intrusive bodies. Chalcopyrite mainly occurs as disseminations within the matrices of heterolithic, chlorite and hematite rich breccia bodies and as fracture fillings. Silicified dolomitic units were also seen to host chalcopyrite occurring as fracture fillings and contained within quartz (calcite) veinlets. Occurrences of chalcocite, malachite and minor covellite have also been reported within the breccia bodies.

The 1997 diamond drill program consisted of 11 holes totalling 2,672.3 metres. The holes were targeted on induced polarization and magnetic anomalies outlined in the first phase of the 1997 field program. The drilling confirmed large sections of Ogilvie Mountain Breccias extend to depth and that several sections within the breccia complex are anomalous in copper.

INTRODUCTION

From August to October 1997, a diamond drill program was completed on the Olympic property owned by Major General Resources Ltd. The program was conducted under the field supervision of Sean P. Butler. The drilling followed a geological, ground magnetics and induced polarization first phase program performed in June and July.

The diamond drilling consisted of eleven NQ holes totalling 2,672.3 metres (8,767 ft). directed at six distinct geophysical and geological targets delineated in the previous stage of the 1997 field program.

LOCATION AND ACCESS

The property lies on the northern fringe of the Ogilvie Mountains just south of the broad east-west trending Taiga Valley. It is located approximately 100 km north of Dawson City and 43 km west of Chapman Lake Airstrip on the Dempster Highway. It can be found on NTS Map 116B/14, centered at 64° 54'N latitude and 139° 11'W longitude. **(Figure 1)**

Access to the property is by helicopter, based in Dawson City with mobilization and major logistics completed using the Chapman Lake Airstrip 120 kilometres north of Dawson, on the Dempster Highway. A Hughes 500D helicopter was based in camp for the diamond drill program. Fireweed Helicopters from Dawson City provided the helicopter support for the 1997 project. The Taiga Valley is broad and gentle and the logistics of future road construction in this valley are good.

PHYSIOGRAPHY

The claims cover two northeasterly trending valleys with adjacent rugged, mountainous terrain. The elevations range from 1,110 to 1,860 m above sea level.

Vegetation consists of alpine meadows, stunted alder and bog vegetation.

The streams on the property drain northward and are part of the headwaters of the Ogilvie River which eventually drains into the Arctic Ocean. The major creek is Pyramid Creek, also known as Beehive Creek. The valley bottoms are largely overburden covered. Large talus covered slopes occur on the side hills of the mountains. There are also large areas with limited rock outcrops.

CLAIMS AND OWNERSHIP

The following claims are owned by Major General Resources Ltd. (Figure 2):

MAJOR GENERAL
RESOURCES LTD.

OLYMPIC PROPERTY

OGILVIE RANGE, Yukon Territory

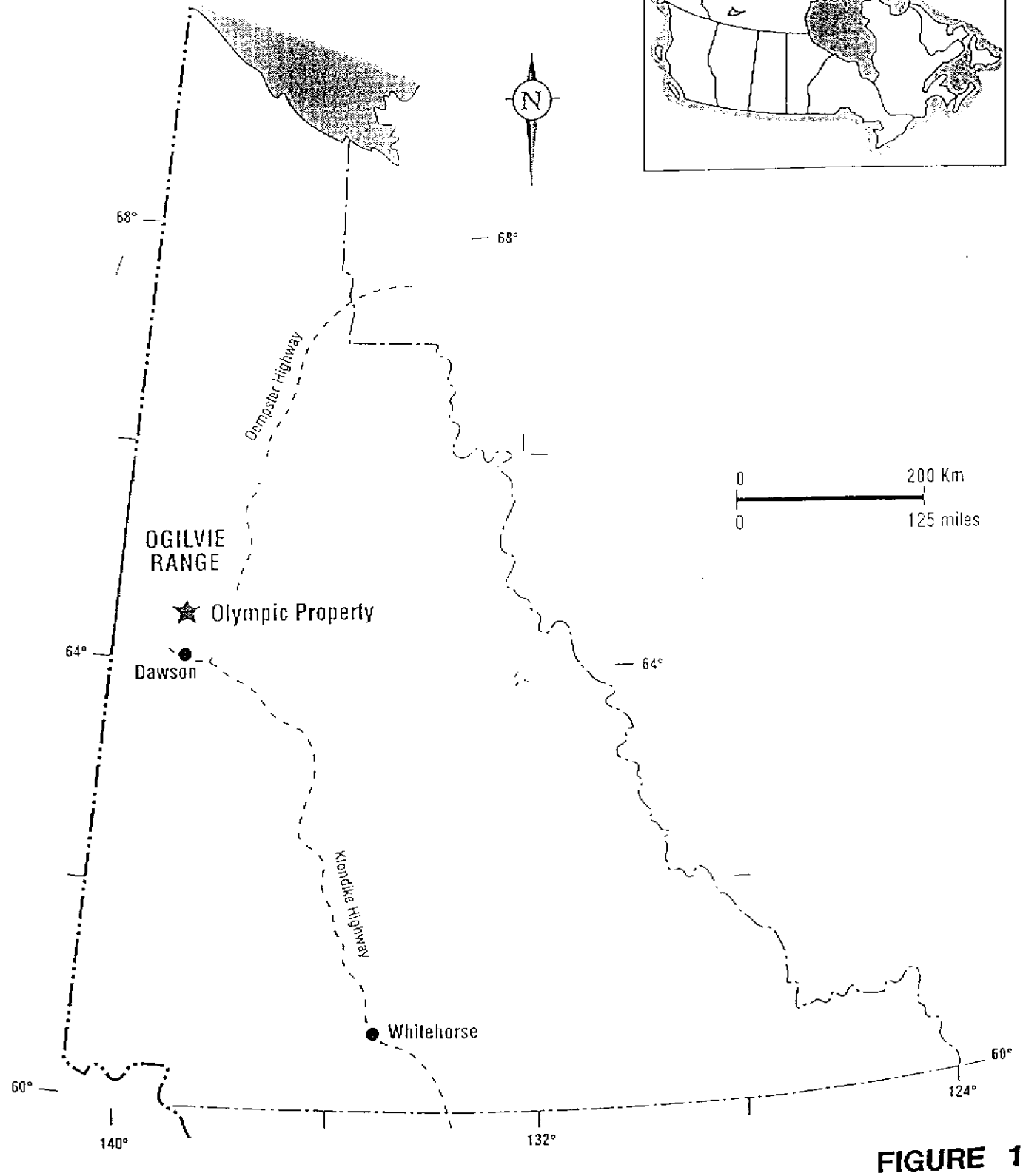

FIGURE 1

Olympic Prop -10/30/95

Claim Name	Grant No.	Recording Date	Expiry Date
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OLYMPIC 2	YB40926	6-Jul-92	6-Jul-98
OLYMPIC 3	YB40927	6-Jul-92	6-Jul-98
OLYMPIC 4	YB40928	6-Jul-92	6-Jul-98
OLYMPIC 5	YB40929	6-Jul-92	6-Jul-98
OLYMPIC 6	YB40930	6-Jul-92	6-Jul-98
OLYMPIC 7	YB40931	6-Jul-92	6-Jul-98
OLYMPIC 8	YB40932	6-Jul-92	6-Jul-98
OLYMPIC 9	YB40933	6-Jul-92	6-Jul-98
OLYMPIC 10	YB40934	6-Jul-92	6-Jul-98
OLYMPIC 11	YB40935	6-Jul-92	6-Jul-98
OLYMPIC 12	YB40936	6-Jul-92	6-Jul-98
OLYMPIC 13	YB40937	6-Jul-92	6-Jul-98
OLYMPIC 14	YB40938	6-Jul-92	6-Jul-98
OLYMPIC 15	YB40939	6-Jul-92	6-Jul-98
OLYMPIC 16	YB40940	6-Jul-92	6-Jul-98
OLYMPIC 17	YB40941	6-Jul-92	6-Jul-00
OLYMPIC 18	YB40942	6-Jul-92	6-Jul-00
OLYMPIC 19	YB40943	6-Jul-92	6-Jul-00
OLYMPIC 20	YB40944	6-Jul-92	6-Jul-00
OLYMPIC 21	YB40945	6-Jul-92	6-Jul-98
OLYMPIC 22	YB40946	6-Jul-92	6-Jul-98
OLYMPIC 23	YB40947	6-Jul-92	6-Jul-98
OLYMPIC 24	YB40948	6-Jul-92	6-Jul-98
OLYMPIC 25	YB40949	6-Jul-92	6-Jul-98
OLYMPIC 26	YB40950	6-Jul-92	6-Jul-98
OLYMPIC 27	YB40951	6-Jul-92	6-Jul-99
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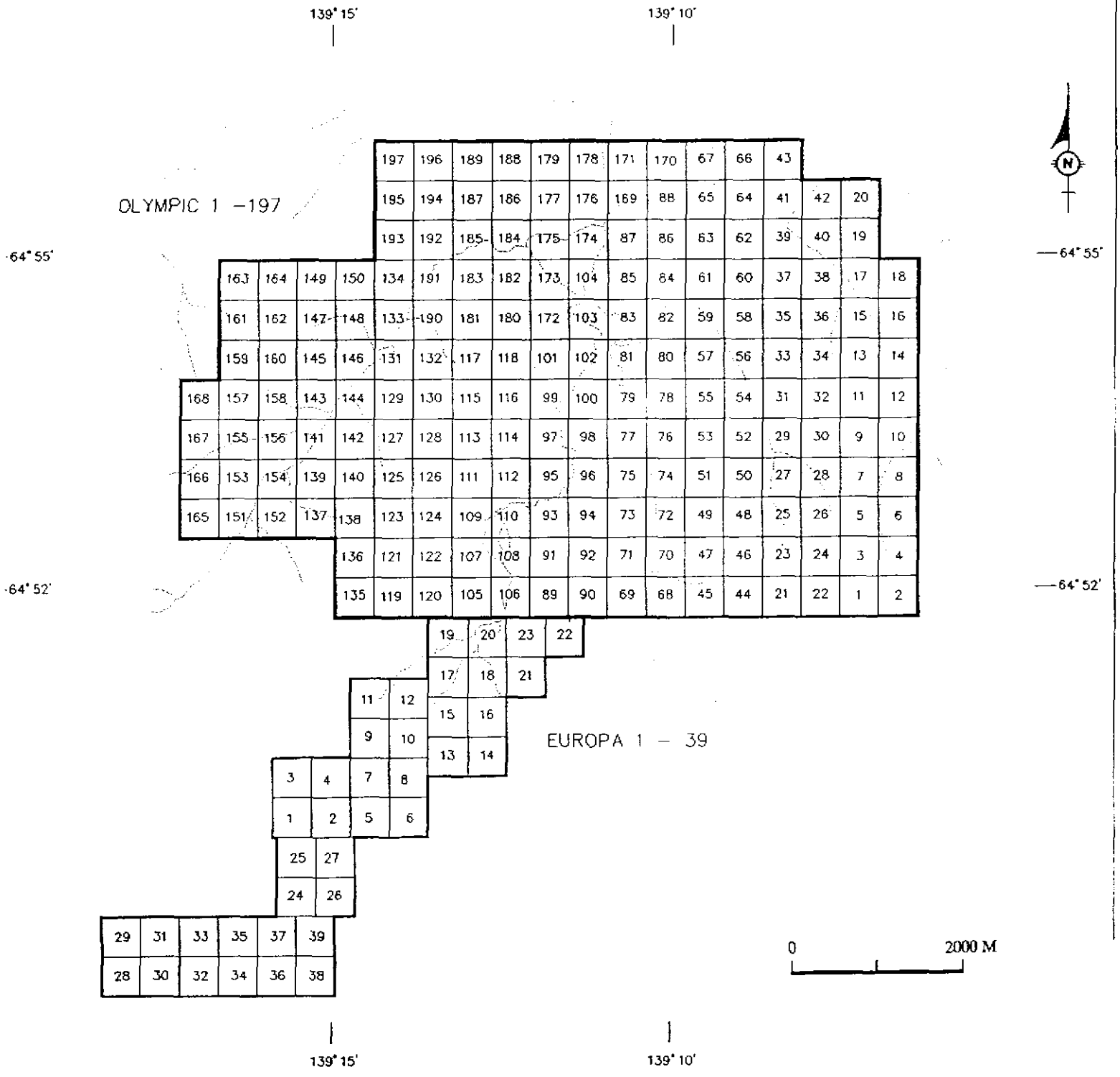
OLYMPIC 33	YB40957	6-Jul-92	6-Jul-99
OLYMPIC 34	YB40958	6-Jul-92	6-Jul-98
OLYMPIC 35	YB40959	6-Jul-92	6-Jul-98
OLYMPIC 36	YB40960	6-Jul-92	6-Jul-98
OLYMPIC 37	YB40961	6-Jul-92	6-Jul-00
OLYMPIC 38	YB40962	6-Jul-92	6-Jul-00
OLYMPIC 39	YB40963	6-Jul-92	6-Jul-00
OLYMPIC 40	YB40964	6-Jul-92	6-Jul-00
OLYMPIC 41	YB40965	6-Jul-92	6-Jul-00

MAJOR GENERAL RESOURCES LTD.

Olympic Claims Yukon Territory

Claim Map



97–903–CLAIMS

FIGURE 2

Claim Name	Grant No.	Recording Date	Expiry Date
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OLYMPIC 45	YB40969	6-Jul-92	6-Jul-98
OLYMPIC 46	YB40970	6-Jul-92	6-Jul-99
OLYMPIC 47	YB40971	6-Jul-92	6-Jul-99
OLYMPIC 48	YB40972	6-Jul-92	6-Jul-99
OLYMPIC 49	YB40973	6-Jul-92	6-Jul-99
OLYMPIC 50	YB40974	6-Jul-92	6-Jul-99
OLYMPIC 51	YB40975	6-Jul-92	6-Jul-99
OLYMPIC 52	YB40976	6-Jul-92	6-Jul-99
OLYMPIC 53	YB40977	6-Jul-92	6-Jul-99
OLYMPIC 54	YB40978	6-Jul-92	6-Jul-99
OLYMPIC 55	YB40979	6-Jul-92	6-Jul-98
OLYMPIC 56	YB40980	6-Jul-92	6-Jul-99
OLYMPIC 57	YB40981	6-Jul-92	6-Jul-98
OLYMPIC 58	YB40982	6-Jul-92	6-Jul-00
OLYMPIC 59	YB40983	6-Jul-92	6-Jul-98
OLYMPIC 60	YB40984	6-Jul-92	6-Jul-00
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OLYMPIC 64	YB40988	6-Jul-92	6-Jul-00
OLYMPIC 65	YB40989	6-Jul-92	6-Jul-00
OLYMPIC 66	YB40990	6-Jul-92	6-Jul-00
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OLYMPIC 70	YB40994	6-Jul-92	6-Jul-99
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OLYMPIC 75	YB40999	6-Jul-92	6-Jul-99
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OLYMPIC 80	YB41004	6-Jul-92	6-Jul-98
OLYMPIC 81	YB41005	6-Jul-92	6-Jul-98
OLYMPIC 82	YB41006	6-Jul-92	6-Jul-98
OLYMPIC 83	YB41007	6-Jul-92	6-Jul-98

Claim Name	Grant No.	Recording Date	Expiry Date
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OLYMPIC 100	YB41024	6-Jul-92	6-Jul-98
OLYMPIC 101	YB41025	6-Jul-92	6-Jul-98
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Claim Name	Grant No.	Recording Date	Expiry Date
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OLYMPIC 149	YB41073	6-Jul-92	6-Jul-00
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Claim Name	Grant No.	Recording Date	Expiry Date
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EUROPA 10	YC04425		
EUROPA 11	YC04426		
EUROPA 12	YC04427		

Claim Name	Grant No.	Recording Date	Expiry Date
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EUROPA 14	YC04429		
EUROPA 15	YC04430		
EUROPA 16	YC04431		
EUROPA 17	YC04432		
EUROPA 18	YC04433		
EUROPA 19	YC04434		
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EUROPA 21	YC04436		
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EUROPA 36	YC04451		
EUROPA 37	YC04452		
EUROPA 38	YC04453		
EUROPA 39	YC04454		

The Olympic 188, 189, 196 and 197 claims, located in the northwest corner of the property, are subject to a 25% earn in option by Blackstone Resources Inc. the rest of the claims are 100% owned by Major General Resources Ltd. Expiry dates noted are before application of the work credits for assessment outlined in this report.

HISTORY

The Olympic and Europa claims encompass and extend beyond the area previously staked as the LALA claims by UMEX. The LALA 1-60 claims were staked in 1975 to cover widespread copper mineralization occurring in Proterozoic sediments delineated during regional geochemical surveys. In that year, a short program of reconnaissance geological mapping and prospecting was completed over selected areas on the claims.

In 1976, a grid was established which consisted of a 7 km baseline with 86 kms of crosslines. The exploration program included geological mapping (1:12,000), prospecting, soil geochemical sampling (1,329 samples) and a limited I.P. (14 kms) survey.

In 1977, the exploration program consisted of diamond drilling (two AQ holes totalling 187 m), a limited ground radiometric survey (22 kms) and assaying of selected samples for uranium. The average core recoveries for each hole was 56% and 75%. The drill core was analyzed for copper and uranium only. The property then lay dormant and eventually the claims were allowed to lapse.

In 1992, Placer Dome staked 168 claims on behalf of Major General Resources Ltd. over the previously lapsed LALA claims. Placer Dome Ltd. completed prospecting, grid establishment, geological mapping (1:2,500) and geochemical rock, silt and soil sampling. Whole rock oxide and rare earth element sampling and a petrographic study were also completed. Placer Dome Ltd. allowed the option to lapse after their operations in the Yukon ceased.

In 1996, Cominco optioned the property and established a new 300 m spaced grid, and conducted an induced polarization and ground magnetics survey. Regional geological mapping and contour soil geochemical sampling were also completed. Cominco did not exercise the option and the ground was returned to Major General.

In September 1996, 29 additional claims (OLYMPIC 169 to 197) were located by Major General. In June 1997, a further 39 (Europa) claims were located to the south and east of the Pyramid Creek valley to cover the eastern margins of a large NE trending graben structure that bisects the Olympic Project area.

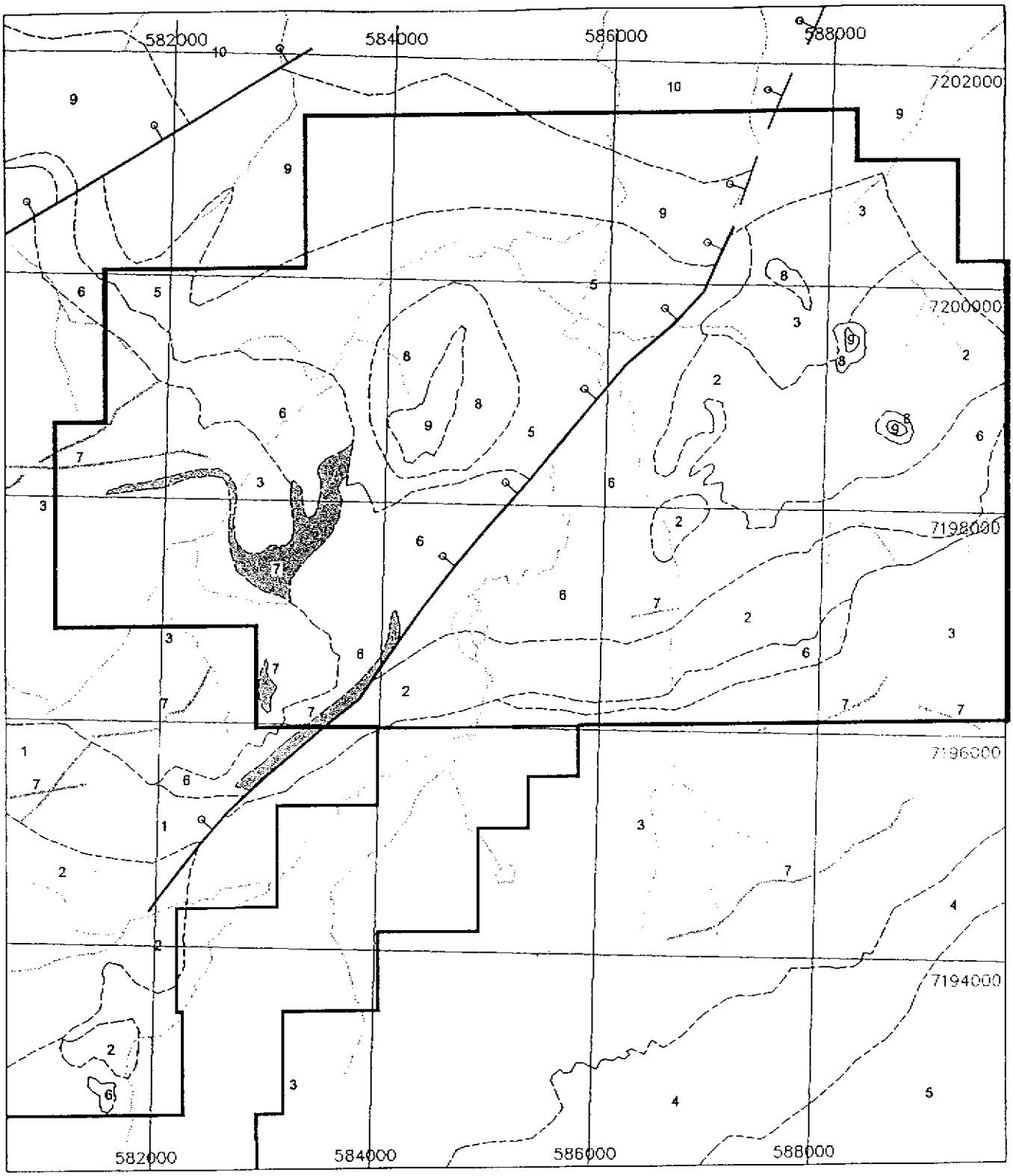
REGIONAL GEOLOGY

The Olympic Property lies within the Coal Creek Inlier, a roughly oval shaped easterly trending erosional window which exposes Middle to Late Proterozoic epicontinental rocks which underlie Lower and Middle Paleozoic carbonate rocks of the Mackenzie Platform.

The Coal Creek Inlier contains three easterly trending Proterozoic successions which are, from oldest to youngest: Wernecke Supergroup, Fifteenmile assemblage (informal) and Harper Group (informal).

The Wernecke Supergroup has been subdivided into three groups (see **Figure 3**). The oldest is the Fairchild Lake Group which is disconformably overlain by the younger Quartet Group which, in turn is conformably overlain on a gradational contact by the Gillespie Lake Group. These groups are broadly described as follows:

a) *Fairchild Lake Group:* 1.5 km thick, upward-shallowing sequence of dark grey to black meta-mudstone and quartzite with minor carbonate beds. Rare jaspillite beds.



10 Shale PMSH

9 Limestone €Db

8 Slats Creek Fm. Ccs

7 Mafic sills & dykes Pd

6 Wernecke Breccias Pbx

Wernecke Super Group

5 **Gillespie Lake Gp.** PGL
Lower Member

4 **Gillespie Lake Gp.** PGL1
Upper Member

3 **Quartet Gp.** PQ

2 **Fairchild Gp.** PFL
sandstone, siltstone

1 **Fairchild Gp.** PFL1
limestone, siltstone

1000 M

FIGURE 3

MAJOR GENERAL RESOURCES LTD.

Olympic Property - Yukon Territory

REGIONAL GEOLOGY

N.T.S. 116 B/14	Scale
Data G.S.C. Open File 2849	Date 97-11-5
File 97-007-RptFig-3	Revised

Includes grey, green-grey and purple dolomites and siltstones.

b) *Quartet Group:* 3 km thick, upward-shallowing succession of dark grey to brown weathering sandstone, siltstone shale and mudstone with very minor silty dolostone.

c) *Gillespie Lake Group:* 1 km thick sequence of stromatolitic dolostone, argillites, oolitic dolostone and parallel-laminated to wavy-bedded dolostone.

The base of the mid-Proterozoic succession is not exposed and the fold and thrust belt deformation suggests that the Wernecke Supergroup overlies an Early Proterozoic basement. Folding of the Wernecke Supergroup forms a northeast trending anticline as defined on the map by Lane and Godwin (1992) immediately south of the property.

The Fifteenmile assemblage unconformably overlies the Wernecke Supergroup and consists of two lithologically distinct successions: the lower Fifteenmile assemblage, composed primarily of clastic rocks with minor dolostone; and the upper Fifteenmile assemblage, consisting of shallow water platformal dolostone and siltstone.

The Harper Group consists of clastic and volcanic rocks that disconformably overlay the upper Fifteenmile assemblage and rest unconformably on older units in the southern part of the inlier.

The lower Cambrian age Slats Creek formation consists of tan-orange weathering silty dolostone with interbedded sandstone and siltstone. A large covering of lower Cambrian to lower Ordivician (CDb) massive light grey to white dolomitic limestone occurs along the north side of the Coal Creek Inlier. These two units lie unconformably on the Gillespie Lake group.

Two breccia complexes the Northern Breccia Belt and Southern Breccia Belt, (known collectively as the Ogilvie Mountain Breccias Lane, 1990) occur within the Coal Creek Inlier and are distributed along two distinct northeast trending axes that are about 40 and 15 km long, respectively. The Northern Breccia Belt cuts the Wernecke Supergroup while the Southern Breccia Belt cuts the lower Fifteenmile assemblage. These breccias are mapped by Thompson et al (1992) as the Wernecke Breccias due to similarities with other breccias occurring in the Wernecke Mountains to the east. Significant mineralization has been found in these breccias including copper, uranium and molybdenum.

The morphology of these discordant breccia occurrences are complex, however, they are typically steep, pipe-like, sill-like or dike-like bodies that commonly occur along structures or contacts. The dyke or sill-like complexes range from a few metres to more than 1 km wide, while the pipe-like zones range from 100 m to over 3 km in diameter. The vast majority of breccia bodies appear to have formed along faults oriented east-northeast, along or parallel to the main regional structures. The two largest areas of breccia in the Coal Creek Inlier occur at the Olympic property and at the Donut, located 25 kilometres west of the Olympic property (Lane, 1990).

The majority of the breccia bodies are supported by varying intensities of chlorite to hematite to carbonate rich matrices while fragment compositions range from monolithic to heterolithic.

A minimum age date of 1.2 to 1.5 Ga years (Helikian) is given to the breccia bodies that cut the lower portion of the sequence. A U-Pb date of 1.27 Ga on monazite from a breccia occurring in Wernecke Supergroup rocks to the east in the Richardson Mountains has also been reported (Parrish and Bell, 1987).

Mafic intrusive bodies, largely diabase and diorite, are distributed within the breccias and rocks of the Wernecke Supergroup, but not the Fifteenmile assemblage (Lane and Godwin, 1992). In reviewing the map by Lane (1990) the area near the Olympic property appears to have the largest concentration of intrusive sills and dykes of both breccia belts.

Copper mineralization is wide-spread throughout a number of the regionally occurring breccia bodies. Chalcopyrite occurs chiefly as disseminations within the breccia matrices and as fracture fillings and contained in quartz-carbonate veinlets which cut both clasts and matrix. Chalcopyrite also often occurs proximal to and within mafic dykes as veinlets and fracture fillings.

The wider, more extensive brecciation observed at Olympic is likely due to dilation zones created at the site of intersecting regional ENE faults and local NNE, graben forming faults paralleling the Pyramid Creek valley during an extensional event.

An in-house technical report completed for Major General Resources Ltd. by the firm of Etheridge Henley Williams suggests the following sequence for the development and controls on brecciation at the Olympic property.

- deposition of Proterozoic sediments in an extensional basin. Normal faults and strike-slip transfers develop in the deep basement.

- thrust fault and folding related to thrust development occurred following sediment deposition during a later compression event during the Mid-Late Proterozoic.

- the thrust faults, largely trending ENE near the Olympic property, provide the main sites on which the breccias occur. The breccias were probably formed during a weak N-S extensional event following the main thrusting.

- the mafic intrusives are steep and often parallel or subparallel the thrust faults but are seen to cross-cut these faults in several locations. This indicates the intrusive post date the thrusts but often took advantage of the structural weakness in and near the thrust faults. These dioritic bodies likely intruded during the same extensional event as the breccias.

Locally, fragments of the intrusive are seen occurring as clasts within the breccias indicating that intrusion is therefore synchronous with breccia formation. The copper mineralizing event is also thought to have occurred during the same breccia forming event based on the disseminated nature of chalcopyrite seen within the breccia matrix.

Suggestions have been made by various authors of the possibility that the Proterozoic rocks found in the Yukon and the Adelaide Province of Australia were once juxtaposed. The breccias in the Adelaide Province have a similar age, geometry and minor element signature to those that comprise the Wernecke Breccias. The Australian breccias host several mineral deposits including those that host the large Olympic Dam Cu-U-Au-Ag deposit. The proven and probable reserves at Olympic Dam are 569 mt at 2.0% Cu + 0.6 kg/tU and 0.3 mt at 4.9 g/t Au. The Olympic Dam deposit is considered a low temperature deposit on a spectrum of mid to Proterozoic iron-rich breccia deposits.

PROPERTY GEOLOGY

An earlier mapping program (June 23 – July 24, 1997) was conducted at a 1:5,000 scale and mainly focused on a central area containing coincident copper in soil anomalies, brecciation and increased faulting underlain by a large, regional airborne magnetic high. The mapping phase of the program was undertaken to delineate the extent of the breccias, styles of mineralization, structural controls and to explain any anomalous IP and magnetic responses. The survey area is limited to about 10-15% outcrop exposure with large covered areas of talus and creek sediments occurring on the lower sidehills and valley bottoms respectively.

The Olympic property is underlain in part by a thick sequence of Proterozoic sediments exposed in an inlier surrounded by Lower Paleozoic aged sediments. The Proterozoic sequence is cut by the 40 kilometre long, east-northeast trending Northern Breccia Belt which coincides with the steep to moderate, south dipping regional reverse Monster Fault (Lane and Godwin, 1992).

As the field mapping during the 1997 program was more focused on separating and describing the lithological units, less emphasis was placed on grouping the units into conventional age related order.

The following is a description of the major rock units as mapped in the field and referenced on **Figure 4.**

1. **Maroon Siltstone**: fine grained, maroon colour forms occasional bedding as well as massive units. Occasional trace magnetite. Often forms clasts in breccia. Possible hematitic alteration of dolomite or locally possible extrusive.

2. **White Limestone**: fine grained, white coloured, white-grey weathering limestone. Locally vuggy. Calcite crystals common on fractures. Located in north of survey area.

3. **Mafic Intrusives**: generally dark green, fine to medium grained, often irregularly shaped bodies. Chalcopyrite occurs on fractures in or near intrusives more frequently than distant outcrops. Chlorite is a common component although medium-fine grained diorites without chlorite occur. Generally weak to moderately magnetic.

4. **Pink Dolomite**: massive fine grained pink dolomite, weathering pink, sandy possibly K-spar altered dolomite although likely hematite alteration is responsible for the colour. Spacially located near breccias.

5. **Dark Grey Siltstone**: medium to dark grey siltstone, thinly bedded fine grained siltstone. Varies from grey to locally brown in colour. Located in the north end of the survey area.

6. **Grey Dolomite**: fine grained, light grey dolomite, generally massive but locally laminated (thin). At base of orange weathering grey dolomite. Weathers light grey.

7. **Tan Orange Weathering Grey Dolomite**: fine grained, light to medium grey dolomite with tan, orange to dark orange weathered surface with local red hematite stained sections. Occasional brecciation and fracturing.

   7(a) **Grey Weathering Dolomite**: similar to above.

8. **Dark Grey Siltstone (Slatey)**: medium to dark grey fine grained bedded siltstones with weak to moderately well developed foliation. Locally it has a slate like foliation although generally shale. Located on south end of property.

9. **Highly Foliated Grey Dolomite**: similar to thin bedded grey dolomite except well developed foliation cross cuts bedding. Occasional jasperoidal interbeds.

10. **Thin Bedded Grey Dolomite**: medium to light grey dolomite in thin composition bands parallel to foliation. Alternating silty and fine sandy layers form bands.

11. **Chlorite Breccia**: dark green to black matrix with some carbonaceous components of thin heterolithic clasts, 3mm to 2.5 m. Maroon and hematitic breccia, common with grey dolomite and thinly bedded siltstone clasts occurring. Chalcopyrite is most commonly found in this unit with specular hematite occurring occasionally. Clasts frequently angular and matrix supported. Pervasive chlorite alteration of clasts occurs but is often weak. Clasts of other breccias and mafic intrusives occur rarely.

12. **Hematitic Matrix Breccia**: often heterolithic, angular to sub-angular clasts, 3 mm to 3m clast size often in same outcrop and largely matrix supported. Highly variable clast types but often grey dolomite, thinly bedded siltstone and maroon siltstones. Large areas of monolithic maroon siltstone breccias occur. Occasional trace of magnetite and traces to abundant specular hematite in matrix. Matrix

frequently contains dolomite or ankerite. Specular hematite also forms veinlets within matrix.

13. **Carbonate Breccia: -** commonly hematite matrix breccias clasts, generally 3 to 30m. Creamy white dolomitic matrix most common, minor pyrite and chalcopyrite occur in matrix. This is often a matrix supported breccia but is locally defined by a set of veins and veinlets cross cutting all the Proterozoic lithologies.

The correlation of the lithological units described above on the Olympic Property with the regional geology by Thompson et al (1992) is as follows from oldest to youngest units:

Thompson et al (1992)	**Olympic 1997**	
Middle Proterozoic		
Fairchild Group	1	Maroon Siltstone
	8	Tan weathering grey siltstone
	9	Highly foliated grey dolomite
	10	Thin Bedded grey dolomite
Quartet group	8	Dark grey siltstone (slatey)
Gillespie Lake Group	4	Pink dolomite
	5	Dark grey siltstone
	5a	Brown shale
	6	Grey dolomite
Middle to Upper Proterozoic		
Wernecke Breccias	6a	Silicified Dolomite
	11	Chloritic Breccia
	12	Hematitic Breccia
	14	Carbonate Breccia
Mafic Sills and Dykes	3	Mafic Intrusives
Lower Cambrian		
Slats Creek Formation	7	Tan-Orange weathering grey dolomite
	7a	Grey dolomite
Lower Cambrian to Lower Ordivician		
CDb Formation	2	White Limestone

The breccia bodies described above (Units 11, 12 and 13) form an irregularly shaped, east-west trending complex which measures approximately seven kilometres long by up to two kilometres wide across the property. The breccias are largely composed of heterolithic, sedimentary clasts and are matrix supported. Chlorite, hematite and carbonate (dolomite)

are the most common breccia matrices although the matrices also contain a large proportion of highly milled, fine grained fragments of wall rock. These breccias can locally exhibit graded bedding which may represent a sedimentary feature formed as a result of subsidence back into a caldera or similar structure at the time of formation. Folding of the bedding within breccia clasts was also observed which would result from brecciation occurring before complete consolidation of the host sediments had taken place. Locally no disruption of bedding within the sediments was observed where mafic dykes intrude the sedimentary pile indicating that sedimentation and intrusive activity were in part synchronous (Windh, 1997). In some locations rare fragments of mafic intrusive rock were observed within the more chlorite and carbonate rich breccia while obvious cross-cutting features of these dykes across the breccia bodies occurs more often. This relationship also suggests that the breccias formed contemporaneously with the intrusive activity.

A particular sequence of breccia formation is suggested as a result of the following field observations:

1. An early tectonic event comprised of hematite rich, matrix supported breccias.
2. A later chlorite rich, matrix supported breccia event as evidenced by fragments of hematite rich matrix breccia contained within the chloritic breccias.
3. A high frequency of carbonate veins and veinlets crosscutting both the hematite and chlorite rich breccias as well as spatial relationships such as fragments of hematite and chlorite breccia material found within the carbonate rich matrix supported breccia suggests that the latter phase represents the last major stage of brecciation.

The breccias on the Olympic property form large, continuous units that locally contain very large fragments of up to 10 metres and occasionally larger in size. There is little evidence on the property of the dyke or pod-like zones reported previously and these shapes would be more consistent with the long, narrow breccia occurrences mapped elsewhere along the Northern Belt by Lane (1990). Interpretation of the geology indicates that portions of the Olympic property have undergone extensive very high energy, episodic breccia formation as revealed by the areal extent of the breccia complex, the polymictic nature of and variable clast sizes of the fragments and the differing compositions of the matrices. The fact that most of the breccias observed are mainly matrix supported indicates that a very large volume of chlorite, hematite and carbonate was introduced during breccia formation. The high frequency of angular, largely unaltered fragments plus the composition of the matrices also points to a rapid and vigorous, rather low temperature event. This environment is analogous to parts of the unmineralized breccia complexes that exist at the Olympic Dam deposit in Australia and is considered a highly favourable host for copper, gold and uranium enriched mineralization.

Mineralization observed on the Olympic property during the 1997 mapping program was mainly comprised of specularite, pyrite, chalcopyrite and magnetite.

Copper mineralization, often in the form of chalcopyrite, was noted as being strongly associated with the intensity of brecciation and alteration (i.e. matrix composition). Within the breccias chalcopyrite occurs within veins and veinlets crosscutting both matrix and clasts, as disseminations in the matrix, fracture fillings and as coarse clots associated within carbonate infillings. An increase in chalcopyrite was observed within chloritic rich breccias especially when proximal to mafic dykes. Chalcopyrite also occurs as fracture fillings, veins and clots within the mafic dykes themselves and along silica filled fractures in zones of intense silicification.

Pyrite was most commonly observed as very fine grained disseminations and fracture fillings within the more carbonaceous siltstones and foliated dolomites. Less often, disseminated, veined and fracture filled pyrite was noted within the breccia complex (most often associated with the carbonate breccia) and occasionally in the mafic intrusive bodies.

Fine grained, disseminated magnetite occurs locally within maroon siltstones, the mafic intrusives and hematite matrix breccias.

Specular hematite was found often as very fine grained disseminations in dolomite and as coarser disseminations, clots, masses and veins within the hematite rich breccia bodies.

Chalcocite, covellite, bornite and malachite have also been reported occurring as both replacements of pyrite and chalcopyrite and occurring within open space fillings.

Besides the various altered matrices of the breccia complex another large area of highly pervasive, silica alteration was encountered within the valley bottom north of the baseline. This zone is described as creamy white, "chert like" replacements of dolomite and lesser chlorite and hematite breccias. Locally the silica altered zone also contains later stage silica filled fractures containing minor chalcopyrite. The silicified zone(s) generally occur in the midst of the major breccia bodies located in this vicinity and are likely related to a higher level, late stage alteration event. A small chip sampling program within the silica altered zone was completed in order to delineate any possible gold enriched zones associated with the alteration. Results returned from the lab were insignificant and can be found in Appendix I.

Regional metamorphism observed on the gridded portion of the claim block is generally low (lower greenchist or less) leaving the original sedimentary textures well preserved. Mapping by Windh of Etheridge Henley Williams Consultants recognized a late stage, steeply dipping, east northeast trending regional foliation. This penetrative fabric is developed in the breccias and the intrusives as well as the surrounding older sediments. It appears to be limited to the Proterozoic aged rocks as it was not recognized in the Paleozoic rocks above the unconformity. There is also a well developed, post-brecciation faulting event that has offset parts of the breccia units. Mapping of the valley bottom, particularly in the area north of the baseline has uncovered a complicated and complexly faulted sequence of lithologies exhibiting strong north and northeast trends.

Although no large offsets or major fault traces were evidenced in the field the combination of the structurally complicated area coincident with the possibility of a high level silica cap occurring within a regime of interpreted NE trending basement faults (Etheridge Henley Williams, 1997) is consistent with the idea that the Pyramid Creek valley represents the surface manifestation of a large scale graben structure.

DIAMOND DRILLING

From early August to early October 1997, a Longyear 38 diamond drill from Britton Brothers Drilling of Smithers B.C. completed eleven NQ size holes totalling 2,672.3 metres (8,767 feet) as follows:

DDH	FEET	METRES
OL97-1	190	57.9
OL97-2	1,949	594.1
OL97-3	1,340	408.4
OL97-4	1,509	460.0
OL97-5	180	54.9
OL97-5a	71	21.6
OL97-5b	204	62.2
OL97-5c	1,220	371.9
OL97-6	1,094	333.5
OL97-7	653	199.0
OL97-8	357	108.8

The drill program was designed to test specific induced polarization and ground magnetics targets coincident with the breccia complex. Results from the initial geophysical survey revealed that weak to moderate I.P. chargeability responses occur along the northern flank of the western most magnetic high as well as coincident with and along the northern portion of the interpreted graben structure. This area was deemed of importance due to the implication that increased concentrations of copper (gold-uranium-cobalt) may occur along or proximal to such a structurally prepared zone. Holes 1, 3, 4, 7 and 8 were drilled based on this premise.

One hole, OL97-2, was collared to test the shallowest portion of the western magnetic high in the central part of the Pyramid Creek Valley (280m as modelled through ground magnetic data). Although no IP chargeability anomaly is directly coincident with this area any deeply buried mineralization associated with an intrusive source or magnetite rich alteration halo may not have been detectable with conventional IP surveys.

A series of drill holes (numbers 5, 5a, 5b, 5c) located in the central portion of the grid area were designed to test for possible supergene type mineralization underlying the mapped unconformity. This area is also proximal to the northeast trending growth fault and coincident with anomalous chargeability values and surface occurrences of copper mineralization discovered by Umex.

The last area drilled, targetted moderate chargeability responses associated with numerous copper rich surface prospects below the level drilled by Umex in 1977.

Due to the ground conditions encountered in the vicinity of the major faults several attempts had to be made to properly test some of the targetted areas mentioned above.

Sampling of the core was based on breccia occurrences, intensity of brecciation, observed and possible (chalcocite) mineralization as well as alteration. All samples were split in half and sent to Acme Analytical Laboratories Ltd. at 852 East Hastings Street in Vancouver, B.C. for analysis. Refer to Appendix II for the Analytical Methods and results. The remaining core is stacked in a crosspile fashion and located at the site of the drill camp.

The table presented below summarizes the drilling parameters of each hole. Following the table is a brief description of the geology, mineralization and structures encountered in each of the drill holes. More detailed information can be found in the drill logs provided in Appendix I. Analytical techniques and geochemical results for all samples split are located in Appendix II and can be cross-references to the drill logs:

Hole #	Northing (m)	Westing (m)	Elevation (m)	Azimuth (deg)	Dip (deg)	Samples
OL97-1	79,880	8,450	1,190	175	-59.5	18
OL97-2	79,382	8,300	1,150	355	-60	401
OL97-3	79,810	8,150	1,150	355	-64.5	179
OL97-4	79,375	8,675	1,180	325	-64	310
OL97-5	80,660	7,850	1,155	175	-50.5	0
OL97-5a	80,625	7,865	1,155	175	-50	0
OL97-5b	80,550	7,850	1,155	174	-64	31
OL97-5c	80,385	7,795	1,153	330	-60	247
OL97-6	80,425	7,200	1,160	325	-60	157
OL97-7	79,775	8,400	1,160	330	-55	65
OL97-8	79,880	8,450	1,190	330	-70	40

Drill hole OL97-1 was targetted to test the broad induced polarization (IP) chargeability high and associated moderate resistivities (delineated by the N1-12 pole-dipole survey) centred near 79750N on line 8450W. This anomaly occurs along the northern margin of a broad magnetic high modelled to be 400 metres below the surface. Surface exposures in the area reveal that chlorite and hematite rich, matrix supported breccias, containing chalcopyrite and chalcocite, occur upslope and along the strike of the anomalous chargeability trend.

After casing through 32.3m of overburden and talus the hole intersected a chlorite rich matrix, supported breccia containing fracture controlled chalcopyrite. This copper rich interval continued from 32.3m to 41.3 m and returned 0.27% copper over 9.0 metres. The breccia unit continued to 49.8m where a small fault was intersected. The last 7.3

metres of the hole cored silicified chlorite breccia and sediments before the hole was lost in a large fault zone interpreted to represent a graben forming basement fault (See Figure 5). Traces of graphite on fractures as well as the noted chalcopyrite may, in part explain the chargeability anomaly.

Drill Hole OL97-2 tested the centre of the broad ground magnetics high and a deeply buried (200m+) chargeability high and associated resistivity low on line 8300W. The depth to top of source of the magnetic anomaly had been modelled to be roughly 280 metres below surface. The hole intersected multiple carbonate, hematite and chlorite rich matrix supported breccias before entering an altered sequence of sediments below the 500 metre mark downhole. Several monzonitic to diorite intrusive bodies with weak to moderate, disseminated magnetite were also encountered which may explain part of the magnetic ground anomaly if viewed as a cumulative effect. Sections of up to 0.5% pyrite and variable amounts of specularite encountered may explain the chargeability anomaly targetted. No significant copper mineralization was observed.

OL97-3 was designed to test the large chargeability anomaly on line 8150W along the northern flank of the western magnetic high. The depth to the top of source of the magnetic body in this vicinity was modelled to be at 320 metres based on the average of the two adjoining lines. The top 155 metres of this hole is dominated by diorite dykes cutting silicified dolomites. From there a long sequence of variably altered, matrix supported breccias and dioritic intrusives was encountered to the bottom of the hole. Only one, 2.5 metre long intercept from 373.5 – 376.0 metres contained appreciable copper mineralization (0.44% copper) hosted within moderately silica altered chlorite breccia. Although the magnetite content within the diorites encountered gradually increases with depth, the hole only tested a 360 metre vertical component before being stopped due to squeezing ground and may not have reached the true source of the magnetic anomaly. Weak and variable amounts of disseminated pyrite and specularite are likely the source of the chargeability anomaly in this area.

A large weak to moderate chargeability anomaly coincident with the northwest flank of the magnetic high along the northern extent of the graben structure was the target for OL97-04. The hole intersected mainly chlorite and carbonate breccias and lesser hematite rich breccias. Small units of sandstone and maroon sediments at 153.1 – 160.2 and 195.7 – 200.7 metres respectively are interpreted to represent larger breccia clasts. An even larger intersection of dolomite from 331.9 to 353.9 metres may represent a large rafted block within the breccia complex. Minor diorite dykes were observed in the top 150 metres of the hole usually near zones of faulting. An extensive zone of highly broken and rubbly core with frequent quartz-carbonate veining was cored from 250.1 – 269.0 metres and is thought to represent the main basement fault manifested as the northwestern edge of the graben structure. The presence of specularite and lesser pyrite especially near the top of the hole may in part be the cause of the chargeability high targetted. No significant values in copper were returned from the samples collected in OL97-04.

The potential for supergene copper mineralization underlying a north-dipping unconformity in an area of known copper prospects coincident with weak to strong chargeability responses was the target for holes 5, 5a, 5b and 5c. The former three holes, drilled in a southerly direction, all encountered technical difficulties in reaching the intended target depth because of poor ground conditions as the result of squeezing ground in overburden, the unconformable contact and an interrupted basement fault.

Hole OL97-5c was directed at the same target from the southeast. This hole intersected long sequences of slightly carbonaceous sediments and silicified dolomites containing minor fine grained disseminated pyrite. No intrusive rocks were encountered in hole OL97-5c which was stopped early due to poor ground in the vicinity of the interpreted growth fault. Of note is the fact that the only breccia observed within these 4 holes is located to the north of the interpreted growth fault below the unconformable contact between younger dolomitic sediments and the older breccia units. The resultant copper values returned from this series of holes is significant in that they reveal elevated copper values occur only within the breccia complex and outboard of the graben structure.

OL97-6 was drilled further to the northeast within the graben structure itself. This area exhibits a complexly faulted area of mixed breccias and sediments. Many of the sedimentary units are pervasively silicified and may represent extremely large fragments within the breccia complex itself. Mapping in this vicinity by Umex in the late 1970's revealed the existence of numerous northeast trending fracture and vein hosted copper showings. Subsequently two shallow diamond drill holes were completed (LaLa 77-1, 105.5 metres and LaLa 77-2, 77.30 metres) by Umex which returned irregular concentrations of chalcopyrite. Due to coincident chargeability highs and copper showings that represented lower temperature, distal style, remobilized mineralization, a longer hole was planned to test this zone to depth.

The hole intercepted a similar package of mixed breccias, siltstones and silicified dolomites as mapped on the surface as well as very infrequent and low grade chalcopyrite rich sections hosted in fractures and veinlets. The frequency and size of the non-brecciated units within this hole may be indicative of a more distal, less disruptive marginal phase within the breccia complex.

Drill Hole OL97-7 was designed to test the same chargeability anomaly as OL97-1 but approached the target from the southeast. This hole intersected large sequences of hematite, chlorite and carbonate rich, matrix supported breccias with frequent specularite enriched zones and almost no detectable sulphides. The hole was ended prematurely due to squeezing on the rods within the same basement fault encountered in hole OL97-1.

DDH OL97-8 was collared from the same setup as OL97-1 to test the chargeability high on the northern flank of the large magnetic high on the northwestern side (outboard) of the main graben feature. This area is coincident with copper in soil anomalies revealed by Umex in the 1970's and known subsurface mineralization as indicated by OL97-1. The hole cored a sequence of intermixed silicified chlorite matrix breccia and silicified

sediments to 36.4 metres before intersecting a large unit of silicified dolomite to 102.1 metres. The upper sequence was found to contain minor fracture controlled graphite, minor veined and disseminated pyrite, occasional specularite and one zone containing chalcopyrite within quartz-carbonate veinlets grading 0.2% copper over 6.0 metre. This zone is likely correlative with the elevated copper values returned from OL97-1. No specularite or sulphides were observed within the lower silicified dolomite unit. This hole was also stopped short of its intended target due to another east to northeast trending, subvertical fault zone.

CONCLUSIONS AND RECOMMENDATIONS

Although the 1997 drill program did not delineate any economic mineralized zones, the Olympic property is still worthy of additional exploration as the results returned from this first phase drill program have added to a better understanding of the geological setting and provided clues to potential areas of mineralization associated with a Proterozoic iron-rich breccia deposit.

The 1997 drill program was designed to test several areas within the breccia complex that contained coincident IP chargeabilities and areas of known showings within or adjacent to a proposed northeast trending graben structure. This structural feature was thought to have greater potential for hosting economic Cu (U-Co-Au) mineralization due to the possibility of larger and more frequent dilation zones. This premise was born from the compilation and interpretation of historic and regional data coupled with observations and results obtained from the preliminary 1997 geological/geophysical program. Initial interpretation suggested that the geologic setting at the Olympic property had obvious similarities with those found at the Olympic Dam and/or Ernest Henry deposits in Australia. These include:

1. similar ages, i.e. Proterozoic
2. iron rich
3. breccia hosted and structurally controlled
4. contain a Cu-Au- (U-Co) association
5. surface exposure of breccia dominated by hematite with only trace amounts of magnetite as found at Olympic Dam but not at the higher temperature Ernest henry deposit.
6. Possible magnetic link between mineralization on the Olympic claims and an interpreted intrusion at depth as evidenced at Ernest Henry.

The preliminary interpretation coupled with subsequent ground truthing revealed the possible following sequence for the development and controls of brecciation and mineralization at the Olympic property.

- deposition of sediments in an extensional basin with normal growth (basement) faults and strike slip transfers developing in the deep basement.

- thrust faulting and folding related to thrust development occurred following sediment deposition during a later compressional event during the Mid-Late Proterozoic.
- the thrust faults, largely trending ENE near the Olympic property, provide the main sites along which multiple episodes of brecciation occurs as a result of a north-south extensional event following the main thrusting.
- introduction of copper (Co-U-Au) mineralization into the breccia complex associated with a contemporaneous mafic igneous event as evidenced by fragments of intrusive material occurring as clasts within the breccia. Copper mineralization on surface occurs chiefly as disseminations within breccia matrices, fracture fillings and contained in quartz-carbonate veinlets which cut both clast and matrix material. Chalcopyrite also occurs proximal to and within mafic dykes as veinlets and fracture fillings.

Results from the drilling program outlined in this report support part of the initial concepts reviewed above and also suggest that other, previously unrecognized geological controls have occurred which have played an integral part in localizing potential mineralized areas particularly outboard of the main graben structure. These observations and conclusions are outlined below.

1. Drill testing of the breccia complex in general has confirmed the multi-episodic nature of the breccia bodies observed on surface. This sequence begins with an early hematite rich, matrix supported breccia followed by a chlorite rich matrix breccia as evidenced by fragments of hematite breccia material contained within the chloritic breccias. A high proportion of carbonate veins and veinlets are seen to crosscut both the hematite and chlorite rich breccias as well, fragments of hematite and chlorite breccia are found within the carbonate rich matrix breccias confirming the latter phase represents the last major stage of brecciation.

2. The massive extent of the breccia complex can be observed from results in DDH OL97-2 which reveals the continuation of the breccia complex through at least 400 metres of vertical extent.

3. The more frequent and increasingly larger sizes of non-brecciated 'blocks' observed in drill holes 5 and 6 is suggestive of a more distal, marginal phase of brecciation away from the centre of a more intense tectonic event. This centre of increased brecciation is perhaps manifested in the central gridded area cored by drill holes OL97-2, 3 and 4. The increase in pervasive silica content and the existence of lower temperature quartz-carbonate veining in this area are also indicative of alteration assemblages occurring distally or at a higher level within an Olympic Dam style environment.

4. In certain locations mafic (diorite) dykes are observed to crosscut the breccia complex. However, diorite dykes are also seen to be pervasively chlorite and hematite altered, crosscut by quartz-carbonate and hematite veinlets and to exhibit a brecciated texture involving fragments of intrusive and sediment in a hematized matrix. These observations support, in part, a contemporaneous breccia/intrusive event.

5. Drilling of the IP chargeability highs suggests that these anomalies are often due to a combination of fine grained disseminated and veined pyrite, lesser chalcopyrite, specularite and local graphite occurring along fractures.

6. Drill testing of parts of the western magnetic high revealed that local, weakly magnetic (up to 1% magnetite) diorite dykes are evident. It is unclear as to whether the cumulative effects of these dykes could produce a magnetic signature of the type indicated by the ground magnetics or that the modelling is somewhat inaccurate and that an even deeper magnetic source (intrusive/magnetic alteration halo?) exists below the level drilled. The fact that many more diorite dykes were seen throughout the section in OL97-3, an area modelled to have a deeper magnetic source than in OL97-2, suggests the magnetic source is likely deeper than previously interpreted.

7. Most of the holes drilled along the northern flanks of the western magnetic high and to the northeast encountered problems due to poor ground conditions and multiple faults. When projected to surface many of the larger fault intersections appear to correlate well with chargeability anomalies, the edge of the magnetic anomaly and topographic features such as breaks in slope and drainages. These observations, coupled with local changes in lithology across these faults support the existence of the graben structure manifested as the Pyramid Creek Valley. However, due to the chaotic nature of the breccia complex and lack of marker horizons no evidence of vertical movement along these subvertical faults could be collected.

8. Previous soil sampling by Umex in the 1970's delineated extensive zones of copper anomalies primarily to the west of the graben structure (valley floor) and to a lesser extent, to the east. Showings of copper enriched breccia occurrences were also delineated in this are by Placer Dome in 1992. Small erratic occurrences of copper mineralization had also been discovered in an area of quartz and quartz-carbonate veined and pervasively silica altered sediments and breccias located in the valley in the vicinity of holes OL97-5, 5a, 5b, 5c and 6. For this reason it had been believed that the source of the copper in soil anomalies on the western and eastern hillsides would be present, albeit masked by the overburden cover on the valley floor, especially in areas of higher chargeability. However only a very low amount of elevated copper was returned from the analysis of the core. Where present, the copper mineralization occurs as fracture fillings , in quartz and quartz-carbonate veins and as minor disseminations within the breccia matrices. No obvious correlation could be drawn between the occurrences of the mafic dykes and copper mineralization as seen on surface. Of significance is the fact that for a few random spikes in copper mineralization, the areas of elevated copper values were all returned from breccias located in areas outboard of the main graben forming fault(s). This is clearly evident on the sections provided for drill holes OL97-1, 8 and 5b.

The results from the 1997 drilling program confirms that an enormous extent of multi-episodic, variably altered iron-rich breccias and large concentrations of contemporaneous intrusive dykes occur on the Olympic property within a structural environment favourable for the formation of Olympic Dam style mineralization.

However, the drill results indicate that the areas tested may represent distal and lower temperature environments within such a mineralized system. This conclusion is based on the following observations:

1. pervasive silica flooding or capping in the area of holes OL97-5, 5a, 5b, 5c and 6;

2. copper mineralization predominantly associated with quartz and quartz-carbonate veining as well as fracture filling as opposed to more disseminated and replacement type mineralization suggestive of a more proximal and/or deeper mineralized setting;

3. evidence of frequent, large sized blocks or rafts of non-brecciated material indicative of a marginal phase of tectonism as evidenced in the northeast portion of the area tested;

4. a predominance of hematite/specularite versus magnetite mineralization representing a lower temperature environment; and

5. much less copper mineralization occurring in their vicinity of the valley floor than that indicated by previous surface surveys on the hillsides to the east and especially to the west of the Pyramid Creek Valley.

Structural information gathered from the drilling program supports the idea that the area tested may be the down dropped, upper section of a major graben feature. Based on this structural information it is conceivable that at the time of mineralization the magnetic source underlying the valley floor may have been at or near the same structural level as the showings along the topographically higher hillsides. Later normal movement along the older basement faults would have then down thrown the lower temperature, less mineralized upper portions of an Olympic Dam type setting to the topographic position it appears to be situated at today.

It is therefore recommended that a more detailed program of mapping be conducted along the hillside west of the Pyramid Creek valley to delineate alteration and mineralization representative of a deeper, higher temperature environment prior to future drilling.

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Statement of Qualifications

I, Sean P. Butler, of 3252 Ganymede Drive, Burnaby, B.C. hereby certify that:

i. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia registered as a Professional Geoscientist.

ii. I graduated in 1982 from the University of British Columbia with a Bachelor of Science in Geology.

iii. I have practised my profession as a geologist in mineral exploration and mining since graduating.

iv. I have no material interest in the equity of the company or its mineral properties.

v. The report "OLYMPIC PROPERTY 1997 REPORT DIAMOND DRILLING" is based on my work and my supervision of work by others on the OLYMPIC claims in the Yukon in 1997 and a review of the geological literature on the property and the region.

Respectfully Submitted

Sean P. Butler

Sean P. Butler, P. Geo

Dec 5/97

STATEMENT OF QUALIFICATIONS

I, D. Graham Gill, of 5442 7th Avenue, Delta, British Columbia, hereby certify that:

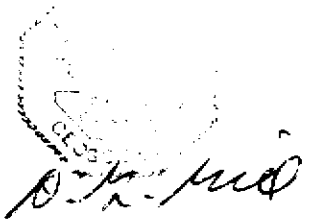
1. I am a graduate of the University of British Columbia (1983) and hold a B.Sc. degree in Geology.

2. I am a member in good standing of the Professional Engineers and Geoscientists of British Columbia.

3. I have been employed in the mining exploration industry on a contract basis since 1979 and on a full-time basis since 1987.

4. I am currently employed by Major General Resources Ltd. as Exploration Manager.

D.G. Gill P. Eng



Dated at Vancouver, British Columbia, this 17th day of February, 1998

STATEMENT OF COSTS

Drill Program

Wages (Salary & Consulting Staff)

From: July 31 – October 8, 1997
Number of Mandays: 222
Rate per Manday: $221.52
Total: 222 x $221.52 $49,177.44

Food

From: July 31 – October 8, 1997
Number of Mandays: 552 (includes drillers and pilot)
Rate per Manday: $16.57
Total: 552 x $16.57 $ 9,146.64

Accommodation
(Includes camp rental, materials, heating fuel, propane, first aid rental and expediting)

From July 31 – October 8, 1997
Number of Mandays: 552
Rate per Manday $42.68
Total: 552 x $42.68 $23,559.36

Transportation
(Includes freight, truck rental, gas, air travel from and to Dawson-Whitehorse)

From July 31 – October 8, 1997
Number of Mandays: 552
Rate per Manday: $23.15
Total 552 x $23.15 $12,778.80

Supplies
From July 31 – October 8, 1997
Number of Mandays: 70
Rate per Manday: $23.25
Total 70 x $23.25 $1,627.50

Communication
From July 31 – October 8, 1997
Number of Mandays: 552
Rate per Manday: $10.87
Total 552 x $10.87 $6,000.24

Analysis	
1447 core samples analysed for 35 elements using 4 acid digestion method ICP, geochem for gold	
1447 Samples @ $16.55/sample	$23,947.85
Contractors	
Air: Fireweed Helicopters; contract 500-D and Casual 206.	
257 hours @ $793.75/hour including fuel	$203,993.75
Drill: Britton Bros. Diamond Drilling Ltd.	
2672.3m NQ sized core @ $93.83/metre	$250,748.05
Camp Set Up- Coureur des Bois Ltd.	
Camp set up and demob 50 mandays @ $261.35/manday	$13,067.50
Grand total	**$594,047.13**

Unit Costs for Drilling:

$594,047.13 spent for 2672.3 metres = $222.30/metre

APPENDIX I
DRILL LOGS
AND DRILL LOG LEGEND

DRILL LOG LEGEND

1. Rock Type Abbreviations

ANDS	Andesite	LMST	Limestone
BXCB	Carbonate Breccia	MONZ	Monzonite
BXCL	Chlorite Breccia	MSED	Maroon Sediment
BXHM	Hematite Breccia	NORC	No Recovery
BXIN	Intrusive Breccia	OVBN	Overburden
CBVN	Carbonate Vein	QCVN	Quartz Carbonate Vein
DIOR	Diorite	SAND	Sandstone
DOLM	Dolomite	SBXC	Silified Chlorite Breccia
EOH	End of Hole	SDOL	Silicified Dolomite
FALT	Fault	SILT	Siltstone
HMLS	Hematitic Limestone	SSED	Silicified Sediment
INT	Intrusive	TBDL	Thin Bedded Dolomite
JASP	Jasperoid		

2. Breccia Support

M= Matrix C=Clast

3. Fragments

P= Polymictic H= Homolithic

4. Breccia Intensity

7.	Extreme	3.	Moderate
6.	Very	2.	Light
5.	Well	1.	Weak
4.	Moderate-well	0	None

5. Alteration

Types

HM	hematite	BA	barite
SP	specularite	FL	fluorite
CL	chlorite	MG	magnetite
SI	silica	BI	biotite
KF	potassium feldspar	AL	albite
SE	sericite	EP	epidote
CB	carbonate		

Occurrences

d	disseminated	m	massive
p	pervasive	b	banded
v	veined	f	fracture filled
s	selvage		

Amounts

d, v, s, m, b, f	Percentages
p	Intensity scale as in breccia intensity

6. Mineralization

Types

py	pyrite	bo	bornite
po	pyrrhotite	ma	malachite
cp	chalcopyrite	az	azurite
cc	chalcocite		

Occurrences

d	disseminated	m	massive
p	pervasive	b	banded
v	veined	f	fracture filled
s	selvage		

Amounts

All in percentages

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED: Aug 11/97 | DATE COMPLETED: Aug 16/97 | CORE SIZE: NQ

FIELD COORDINATES

LAT. 79,880N | ELEV. 1190 | DIP -59.5° | DEPTH 518
DEP. 8,450W | LENGTH 579 | BEARING 175° | DIP TESTS: DEPTH 518, BEARING RECORDED ACID, BEARING CORRECTED —, AZIMUTH RECORDED 62°, AZIMUTH CORRECTED -60°

PROPERTY: OLYMPIC — CASING REMOVED | PROJ. No. 74% RECOVERY
LAT. | DEP. | ELEV.
LAT. | DEP. | ELEV.

N.T.S. No. 116/B14 | SHEET 1 OF 2 | HOLE No. OL97-1
GRID NORTH (MAG) TRUE 355° | MAGN. DECL. 31°E | LOGGED BY SEAN P BUTLER | DATE Aug 16-17, 1997
CONTRACTOR Br. Hon Bros. | SAMPLED BY SPB/MC

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (P/A/R/W)	BRECCIA INTENSITY	ALTERATION (OCCURRENCE / AMOUNT (1/2/3/INTENSITY))	MINERALIZATION (OCCURRENCE / AMOUNT)
0	32.3	/	OVB	OVERBURDEN - Boulders of chloritic matrix breccia in sand and gravel. Talus slope material.							
32.3	49.8	73	BXCL	CHLORITIC MATRIX BRECCIA - strong chloritic alteration of hematite breccias to 36.5. Chlorite throughout fragments, pervasively. Chalcopyrite occurs along fractures and veins. CP is coarse sgn. 32.3 = +40.0m. This unit is highly fractured w/ gouge and siltcore common. Sand fragments appear to be chlorite and sericite altered intrusive (sericite after feldspar??) 40.6 to 49.8m. Red hematite frags + bands on fractures rare. K-spar occurs 32.3-35, mean 40m and mean 48m. No magnetite in unit.	32.3	36.5	M	P	3	P 4; V 2; P 3	d 0.2; f 0.5
					36.5	40.6	M	P	4	P 3; V 2; V 0.5	d 0.1; f 0.5
					40.6	45.9	M	P	4	V 4; V 2; P 1; V 0.3	f 0.7
					45.9	49.8	M	P	3	V 3; V 1; P 1; V 0.5	f 0.5
49.8	50.6	100	FALT	FAULT - rubbly broken core w/ some gouge 49.8 - 50.3, stringers chlorite, minor sericite. 50.3 - 50.6 ft green sericite altered gouge w/ 5-10% dk green fragments. No sulfides							

ASSAY

FROM	TO	SAMPLE No.	Cu ppm
32.3	33.8	162 001	4068
33.8	35.3	162002	1858
35.3	36.8	162003	1274
36.8	38.3	162004	3796
38.3	39.8	162005	1817
39.8	41.3	162006	3249
41.3	42.8	162007	887
42.8	44.3	162008	90
44.3	45.8	162009	32
45.8	47.3	162010	40
47.3	48.5	162011	40
48.5	49.8	162012	100
49.8	50.6	162013	60

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 2 OF 2	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. OL97-1	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (P/A/M/N)	BRECCIA INTENSITY	ALTERATION: NM	DP	CL	SI	KF	SE	CB	BA	PL	MG	IR	MT GR	EP	MINERALIZATION: PY	PO	CP	BO	MA	BZ	OCCURRENCE	AMOUNT
50.6	55.0	84	SBXC	CHLORITIC MATRIX BRECCIA - SILICIFIED	50.5	55.0	M	P	2			P 3	P 2 V 2				P 1						F 1/2								
				dk green - grey, fg. dk green chlorite																											
				w/ silicified lt grey angular frags																											
				very minor qtz veinlets. Core																											
				is fractured heavily post																											
				brecciation (fractures in mat + frags)																											
				Fragments 1-2 cm in size																											
				angular w/ some alteration																											
				along boundaries. Epidote on fracs.																											
				Quartz Vein - creamy white qtz																											
				broken ~8 cm wide, no angle,																											
				no sulfides 53.1 - 52.2.																											
				Bedding, cored top of unit.																											
55.0	57.9	70	SSDT	SILICIFIED SEDIMENT? - lt grey									P 3									f 1									
	E.O.H.			ammonous siliceous unit w/																											
				fracture fillings of a black, possibly																											
				graphitic material? Contact w/																											
				unit above is gradational																											
				change in clays and greater																											
				silicification. Core highly fractured																											
				55.0 - 55.2 + 55.8 - 56.2 m.																											
				No bedding and no sulfides.																											
				EOH 190' / 57.9m																											
				P Butler																											
				Aug 17/97																											
				Hole shut down in squeezing																											
				ground on driller's recommendation																											

ASSAY

FROM	TO	SAMPLE No.	Cu ppm
50.6	52.1	162014	18
52.1	53.6	162015	19
53.6	55.0	162016	12
55.0	56.7	162017	17
56.7	57.9	162018	13

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED Aug 19/97 DDS	DATE COMPLETED Aug 27/97	CORE SIZE NQ	
FIELD COORDINATES			
LAT. 79,382N	ELEV. 1150 m	DIP -60°	
DEP. 8,300W	LENGTH 594.1 m	BEARING 355°	

DIP TESTS more on pg 2+3

DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED
61.0	ACID	—	62°	-58°
122.0	ACID	—	62°	-57°

PROPERTY OLYMPIC	PROJ. No.	N.T.S. No. 116 B/14
CASING LEFT	98% RECOVERY	SHEET 1 OF 17
LAT. / DEP. / ELEV.		HOLE No. OL97-2
GRID NORTH (M.T.) TRUE	MAGN. DECL.	LOGGED BY Sean P. Butler
CONTRACTOR BRITTON BROS.	SAMPLED BY SPB/MC	DATE

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLY/MONO)	BRECCIA INTENSITY	HM	SP	CL	SI	KF	SE	CB	BA	FL	MG	BI	AL	PY	PO	CP	BO	MO	AZ
0.00	6.71	/	OVBN	OVER BURDEN - No core recovery																							
6.71	44.5		BXCB	CARBONATE MATRIX BRECCIA - green and pink, carbonate matrix, these green + salmon pink bands "flow" around fragments. Some sections w/ med grained white carbonate veinlets and "amoebic" sections. Heterolithic fragments ½ cm to 40 cm, angular vary from carbonates, bedded red + green siltstones, heterolithic breccias, rare hematitic fragments. Broken core 12.2 - 13.0. Possible fault, gouge-breccia, 60° to CA., 20.9-21.1 Brecciation may be soft sed deformation since the fragments frequently contain folded sediments. Fractures w/ brown hematite along fractures probably after Py (surface weather) Most fragments are med-dk green limestone/dolomite. Lower contact, sharp, irregular @ approx 50° to CA	6.71	44.5	M	P	S	f/¼		m/¼		m/½		m/5						v/Tr					

ASSAY

FROM	TO	SAMPLE No.	Cu ppm
6.71	8.2	162019	14
8.2	9.7	162020	11
9.7	11.2	162021	18
11.2	12.7	162022	8
12.7	14.2	162023	11
14.2	15.7	162024	38
15.7	17.2	162025	4
17.2	18.7	162026	8
18.7	20.2	162027	11
20.2	21.7	162028	7
21.7	23.2	162029	43
23.2	24.7	162030	76
24.7	26.2	162031	59
26.2	27.7	162032	15
27.7	29.2	162033	69
29.2	30.7	162034	79
30.7	32.2	162035	103
32.2	33.7	162036	58
33.7	35.2	162037	18
35.2	36.7	162038	62
36.7	38.2	162039	28
38.2	39.7	162040	87
39.7	41.2	162041	187
41.2	42.9	162042	61
42.9	44.5	162043	51

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.) TRUE	CONTRACTOR
FIELD COORDINATES			OLYMPIC		SHEET 2 OF 17	MAGN. DECL.	
LAT.	ELEV.	DIP -60	LAT.	DEP.	ELEV.	HOLE No. OL97-2	LOGGED BY
DEP.	LENGTH	BEARING	LAT.	DEP.	ELEV.		DATE

DIP TESTS

DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED
182.9	ACID	—	-62°	-56°
243.8	ACID	—	-61°	-56°

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS POLYMINE	BRECCIA INTENSITY	ALTERATION (KH SP CL SI HP SE CB BA PL MS BI AL; OCCURRENCE / AMOUNT (% / INTENSITY))	MINERALIZATION (PY po cp ba aa az cc; OCCURRENCE / AMOUNT)
44.5	61.7		BX/HM	HEMATITE BRECCIA - breccia w/ fragments of beddisk seds, carbonates (predominately dk green limestone/dolomite) Some sections crackle breccias w/ hematite & white calcite matrix. Both brown & red-brown hematite are common. Pyrite on fracture @ 52.8 m, possible chalcocite on same fracture, (black, soft, grey streak). Possibly v f.g. chalcocite & pyrite on fractures elsewhere in unit. Brecciation decreases towards end of unit. Lower contact is not significant hematite.	44.5	61.7	M-C	P	3	m/S; m/Tr; V/1	v/tr; m/tr
61.7	119.1		BXCB	CARBONATE MATRIX BRECCIA - - med green, f.g., generally unbedded fragments 1 to 20 cm wide, angular fragments in a f.g. white carbonate w/ chlorite and minor red hematite fractures. Occassional f.g. pyrite and chalcopyrite on fractures throughout unit. Chlorite selvages along edge of most fragments. 66.6 to 66.7 - k. minor hematite, minor specularite - some possible chalcocite. 62.2-62.3 - feldspar dyke 75.8 - increase in red hematite + pink dolomite/calcite. Sections of brown hematite esp. 80.5 - 81.0, 83-84 m	61.7	75.8	M(C)	H/P	2	m/1-2; m/Tr; m/Tr; m/10	m/Tr; m/Tr; s/Tr
					75.8	84.8	M	P	3-4	m/1-2; m/Tr; m/Tr; m/8	v/tr; v/Tr

FROM	TO	SAMPLE No.	
44.5	46.0	162044	56
46.0	47.5	162045	7
47.5	49.0	162046	39
49.0	50.5	162047	67
50.5	52.0	162048	56
52.0	53.5	162049	87
53.5	55.0	162050	35
55.0	56.5	162051	37
56.5	58.0	162052	73
58.0	59.5	162053	56
59.5	60.5	162054	91
60.5	61.7	162055	158
61.7	63.2	162056	225
63.2	64.7	162057	289
64.7	66.2	162058	286
66.2	67.7	162059	248
67.7	69.2	162060	90
69.2	70.7	162061	119
70.7	72.2	162062	61
72.2	73.7	162063	40
73.7	74.7	162064	17
74.7	75.8	162065	18
75.8	77.3	162066	39
77.3	78.8	162067	37
78.8	80.3	162068	53
80.3	81.8	162069	96

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE
FIELD COORDINATES		
LAT.	ELEV.	DIP
DEP.	LENGTH	BEARING

DIP TESTS

DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED
304.8	AC10	—	60°	-55°
365.8	AC10	—	59°	-53°

PROPERTY	PROJ. No.
LAT. DEP. ELEV.	
LAT. DEP. ELEV.	

N.T.S. No.	GRID NORTH (M.T.) TRUE	CONTRACTOR
SHEET 3 OF 17	MAGN. DECL.	
HOLE No.	LOGGED BY	SAMPLED BY
	DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS POLYMICTIC	BRECCIA INTENSITY	ALTERATION (NH SP CL SI HF SK CB BA FL MG SR AL) OCCURRENCE / AMOUNT (IN / INTENSITY)	MINERALIZATION (PY PO CP Bo BA Bz) OCCURRENCE / AMOUNT
61 7	119 1		BxcB	BxcB cont'd							
					84 8	90 8	C	P	1-2	m 1/2 m Tr f Tr; m 8	
					90 8	119 1	C	P	1	m 1 m 1; m 5	v Tr v Tr
				Dk red hematite in white calcite f.l. 93.7 - 94.4m.							
				Possible fault - rusty fractures strong hematite 108.2-108.9 65°CA							
				Traces of chalcopyrite and pyrite along carbonate veins							
119 1	120 4		FALT	FAULT - rubbly, fractured core, some white qtz, 35° CA, some gouge	119 1	120 4				v 10 v 40; v 10	

ASSAY FROM	TO	SAMPLE No.	
81 8	83 3	162070	17
83 3	84 8	162071	92
84 8	86 3	162072	234
86 3	87 8	162073	337
87 8	89 3	162074	550
89 3	90 8	162075	254
90 8	92 3	162076	258
92 3	93 8	162077	118
93 8	95 3	162078	87
95 3	96 8	162079	231
96 8	98 3	162080	147
98 3	99 8	162081	260
99 8	101 3	162082	157
101 3	102 8	162083	116
102 8	104 3	162084	205
104 3	105 8	162085	256
105 8	107 3	162086	421
107 7	108 8	162087	308
108 8	110 3	162088	41
110 3	111 8	162089	62
111 8	113 3	162090	67
113 3	114 8	162091	205
114 8	116 3	162092	233
116 3	117 8	162093	218
117 8	119 1	162094	195
119 1	120 4	162095	56

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED | DATE COMPLETED | CORE SIZE

FIELD COORDINATES

LAT. | ELEV. | DIP

DEP. | LENGTH | BEARING

DIP TESTS

DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED
426.7	ACID	—	56°	-52°
487.7	ACID	—	55°	-52°

PROPERTY | PROJ. No.

LAT. DEP. ELEV.

LAT. DEP. ELEV.

N.T.S. No. | GRID NORTH (M.T.) TRUE | CONTRACTOR

SHEET 4 OF 17 | MAGN. DECL.

HOLE No. OL97-2 | LOGGED BY | SAMPLED BY

DATE

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	BRECCIA PHASES (POLY/MONO)	BRECCIA INTENSITY
120.4	126.2		BxCB	CARBONATE MATRIX BRECCIA - f-mg, white w/ pink + green calcite matrix around med-dk green calcite, occass. finely bedded angular fragments sections of calcite are pink. Traces of chalcopyrite crystals w/ veinlets c/ matrix	120.4	126.2	M	P	3-4
126.2	126.6		FALT	FAULT — broken BxCB core, 20°CA					
126.6	179		BxCB	CARBONATE MATRIX BRECCIA - - white + pink, f-mg, calcite matrix around H - med green, angular carbonate fragments, sand finely banded, 1-40 cm across. Several coarse crystals of CP near 128.5m	126.6	162.9	M	P	2-3
				Section w/ increased chlorite, traces of pyrite and chalcopyrite 150-151m					

ALTERATION

HM	SP	CL	SI	EP	SK	CB	BA	PL	MS	SI	AL
m T/A		m/A 2	v T/A			m 10					

MINERALIZATION

PY	PO	CP	bo	SB	SZ
v T/C		v 1%			

ASSAY

FROM	TO	SAMPLE No.		
120.4	121.9	162096	217	
121.9	123.4	162097	275	
123.4	124.9	162098	171	
124.9	126.2	162099	33	
126.2	126.6	162100	29	
126.6	128.1	162101	24	
128.1	129.6	162102	213	
129.6	131.1	162103	6	
131.1	132.6	162104	57	
132.6	134.1	162105	41	
134.1	135.6	162106	40	
135.6	137.1	162107	29	
137.1	138.6	162108	29	
138.6	140.1	162109	45	
140.1	141.6	162110	23	
141.6	143.1	162111	20	
143.1	144.6	162112	58	
144.6	146.1	162113	32	
146.1	147.6	162114	186	
147.6	149.1	162115	143	
149.1	150.6	162116	169	
150.6	152.1	162117	94	
152.1	153.6	162118	206	
153.6	155.1	162119	156	
155.1	156.6	162120	50	

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.A.G.) (T.R.U.E.)	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 5 OF 17	MAGN. DECL.	
LAT.	ELEV.	DIP	548.6	ACID	—	-55°	-47°	LAT. DEP.	ELEV.		LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING	594.1	ACID	—	-55°	-47°	LAT. DEP.	ELEV.	HOLE No. OC97-2	DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS POLY/MONO	BRECCIA INTENSITY	ALTERATION	MINERALIZATION
126.6	171.9		BXCB	BXCB cont'd							
				increasing brown carbonate							
				(possibly ankerite or calcite + hematite)							
				154m to 162.5m							
				some pink carbonate 165.5 - 167m	162.9	171.9	M	P	4	m 1 / m Tr / t 2 / m B	V Tr / V Tr
				red hematite on fractures 170 - 171.5m							
				Brecciation is more							
				intensen							
171.9	173.3		FALT	FAULT - broken fractured core,	171.9	173.3				V Tr / P 2 / V 3	
				some gouge, fractures ∥ gouge							
				@ 45° others @ ~5° CA. Some							
				white qtz.							
173.3	260.8		BXCB	CARBONATE MATRIX BRECCIA - frag,	173.3	195.0	M	P	5	m Tr / m 1 / V T / m T	V Tr / V Tr
				white (some pink) carbonate matrix							
				breccia. Fragments generally med							
				green carbonate, some bedded carbonate							
				and minor polylithic breccia fragments							
				Highly broken, partially healed							
				breccia (possible late breccia)							
				178.8-179.0, 181-182m							
				Broken rubbly core 183.7-184.0							
				some gouge 50° to CA.							

ASSAY

FROM	TO	SAMPLE No.	
156.6	158.1	162121	71
158.1	159.6	162122	147
159.6	161.1	162123	38
161.1	162.6	162124	51
162.6	164.1	162125	74
164.1	165.6	162126	81
165.6	167.1	162127	197
167.1	168.6	162128	282
168.6	170.2	162129	25
170.2	171.9	162130	222
171.9	173.3	162131	67
173.3	174.8	162132	63
174.8	176.3	162133	31
176.3	177.8	162134	52
177.8	179.3	162135	109
179.3	180.8	162136	160
180.8	182.3	162137	38
182.3	183.8	162138	102
183.8	185.3	162139	143
185.3	186.8	162140	223
186.8	188.3	162141	180
188.3	189.8	162142	106
189.8	191.3	162143	59
191.3	192.8	162144	173
192.8	194.3	162145	380

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED		SHEET 6 OF 17	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-2	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS POLYMICTIC	BRECCIA INTENSITY	ALTERATION: NH SP CL SI HP SE CB QA FL MG SI AL (OCCURRENCE / AMOUNT (% / INTENSITY))	MINERALIZATION: PY po cp bo mo az (OCCURRENCE / AMOUNT)
173 3	260 8		BXCB	BXCB cont'd	195 0	213 0	C	H	1	CL: v tr; CB: m 2	PY: v tr; cp: v tr
				213.0-213.45 white dolomite vein @ 45° to CA	213 0	213 45					
				Some red hematite fragments in med-dk. grey calcite matrix	213 45	238	M	P	2	NH 2; CL: m tr; CB: m 98; m 1	PY: v tr; cp: v tr; po: v tr
				220.4 - 220.9, 222.0-222.1 sound pink calcite matrix 214 to 238m							

FROM	TO	SAMPLE No.	
194 3	195 8	162146	304
195 8	197 3	162147	294
197 3	198 8	162148	382
198 8	200 3	162149	205
200 3	201 8	162150	485
201 8	203 3	162151	118
203 3	204 8	162152	78
204 8	206 3	162153	39
206 3	207 8	162154	176
207 8	209 3	162155	77
209 3	210 8	162156	25
210 8	212 3	162157	60
212 3	213 45	162158	663
213 45	215 0	162159	98
215 0	216 5	162160	24
216 5	218 0	162161	26
218 0	219 5	162162	56
219 5	221 0	162163	23
221 0	222 5	162164	13
222 5	224 0	162165	6
224 0	225 5	162166	34
225 5	227 0	162167	100
227 0	228 5	162168	13
228 5	230 0	162169	37
230 0	231 5	162170	42
231 5	233 0	162171	31
233 0	234 5	162172	11
234 5	236 0	162173	19
236 0	237 5	162174	17

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED		SHEET 7 OF 17	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-2	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (MX)	FRAGS (POLYMICTIC)	BRECCIA INTENSITY	ALTERATION: MH	SP	CL	SI	KF	SK	CB	BA	PL	MG	BI	AL	MINERALIZATION: py	po	cp	bo	ma	az	ASSAY FROM	ASSAY TO	SAMPLE No.	
															OCCURRENCE / AMOUNT (% / INTENSITY)										OCCURRENCE / AMOUNT								
173.3	260.8		BXCB	BXCB cont'd - most fragments are red green carbonate +/-	238.0	243.9	M	P	4-5	m 1/4		m 1-2			M 10							v tr		v tr				237.5	239.0	162185	10
				some bedded carbonate fragments and occass. red lam (small) frag.																								239.0	240.5	162176	21
				Fragments are often 1/2 - 2 cm, angular																								240.5	242.0	162177	64
				243.9 - FAULT - broken core,	243.9	246.0	M	P	3-4			v 1-2			V 8							v 1-2		v 1-2				243.5	244.7	162179	3
				fractures between 35° + 50° to CA., approx.	246.0	260.8	M	P	4-5	m 1/2	m 1-2	m 1-2			m 5							v 1-2		v tr				244.7	246.0	162180	2
				30% of interval is faulted.																								246.0	247.5	162181	3
																												247.5	249.0	162182	<2
																												249.0	250.5	162183	<2
																												250.5	252.0	162184	<2
				Narrow ~10cm intrusives often																								252.0	253.5	162185	2
				cut by white dolomite veinlets																								253.5	255.0	162186	<2
				esp 259 - 260.8																								255.0	256.5	162187	<2
																												256.5	258.0	162188	4
																												258.0	259.5	162189	<2
																												259.5	260.8	162190	<2
260.8	267.7		BXIN	INTRUSIVE MATRIX BRECCIA - red	260.8	267.7	M	P	6	m 1/2 P 3	m 1				P 2	m 1						v 1/2		v 1/4				260.8	262.1	162191	260
				jasper fragments in an																								262.1	263.6	162192	11
				altered mafic intrusive matrix.																								263.6	265.1	162193	8
				Sericite and hematite pervasively altering																								265.1	266.8	162194	62
				261.25 - 262.1 - veinlets + envelopes of																								266.6	267.7	162195	23
				sericite + hematite - no fragments.																												
				Some fragments of carbonate +																												
				intrusive. Fragments often small																												
				(1/2 - 3cm) and show some rounding.		Fault w/ gouge																										
				Fragments are often pervasively		267.4 - 267.7 (?)																										
				altered also. Appears to be a high		35° CA																										
				energy area. Contacts gradational																												

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY		PROJ. No.	N.T.S. No.	GRID NORTH (M.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING		AZIMUTH					SHEET 8 OF 17	MAGN. DECL.	
LAT.	ELEV.	DIP		RECORDED	CORRECTED	RECORDED	CORRECTED	LAT. DEP.		ELEV.	HOLE No. OL97-2	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.		ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	PHASE (P/L/A/M/H)	BRECCIA INTENSITY	ALTERATION (NM SP CL SI HF SE CB BA PL MB BI AL S.R.) OCCURRENCE / AMOUNT (1 IN 7 INTENSITY)	MINERALIZATION (py po cp bo mo oz) OCCURRENCE / AMOUNT
267.7	270.6		MONZ	MONZONITE – f-mg, dk grey intrusive - section of breccia 268.0 – 268.8, w specular + red hematite in veins + pervasively through unit. Some sericite alteration pervasively. Contact gradational. Possible large fragment in breccia	267.7	270.6				P 2 / V 1 / V 5 / P 1 / V 2 / P 1	py 1 / cp tr
270.6	273.8		BXCL	Chloritic Matrix Breccia - f-g. black green chlorite w/ specularite and some chalcopyrite and pyrite form the matrix to a largely red jasper fragment breccia	270.6	273.8	C	P	6	M tr / M 1/2 / M 5 / V tr / M 1 / P tr	py 1/2 / cp 1/2
273.8	285.0		DIOR	DIORITE – f-mg dark green-grey, strong serpentinite alteration. Some magnetite is present. No sulfides visible Broken gouggy core 278–279, fault @ 45° to CA. Some sections of breccia similar to 270.6–273.8						P 1 / P 1 / P tr / P 5	
285.0	286.7		FALT	FAULT – gouggy broken DIOR core, 40° to CA., rubbly, some core loss						P 1 / P 1 / P tr / P 5	
286.7	299.3		BXCL	CHLORITIC MATRIX BRECCIA – f-g. dk green chloritic matrix w/ most fragments consisting of jasper and lt to dk grey siltstones + dolomites. Occasional section	286.7	299.3	M	P	5	M 1/4 / M 2 / M 8 / V Tr / M 1	py 1/2 / cp Tr

ASSAY FROM	TO	SAMPLE No.	
267.7	269.2	162196	359
269.2	270.6	162197	9
270.6	272.2	162198	238
272.2	273.8	162199	185
273.8	275.3	162200	164
275.3	276.8	162201	6
276.8	278.3	162202	7
278.3	279.8	162203	5
279.8	281.3	162204	6
281.3	282.8	162205	33
282.8	283.9	162206	7
283.9	285.0	162207	6
285.0	286.7	162208	4
286.7	288.2	162209	2
288.2	289.7	162210	2
289.7	291.2	162211	3
291.2	292.7	162212	3

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	DIP RECORDED	DIP CORRECTED			SHEET 9 OF 17	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. OL97-2	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	PHASE (POLY/MONO)	BRECCIA INTENSITY	ALTERATION: NH	SP	CL	SI	HF	SE	CB	BA	PL	MS	IN	AL (OCCURRENCE / AMOUNT (% / INTENSITY))	MINERALIZATION: py	po	cp	bo	mo	oz (OCCURRENCE / AMOUNT)
286.7	299.3		BXCL	BXCL cont'd - of intrusive																							
299.3	300.6		DIOR	DIORITE - dk green, fg, chlorite altered. Magnetite disem through intrusive. Creamy white dolomite veinlets ¼ Py. Contacts in broken core. No angle.								P 2				V 3						V ½					
300.6	313.3		BXCL	CHLORITIC MATRIX BRECCIA - dk green chlorite mixed with dolomite and rock fragments form matrix of med-dk grey. The fragments are a mixture of jasper, grey dolomite, lt and dk siltstones and mudstones ¼ some white quartz fragments. There is a certain amount of rounding of the fragments although angular edges are very common. This cross cut by qtz and qtz-carb veinlets locally, but only form less than ½%.	300.6	313.3	M	P	5	M 1	M 3	M ½		M T	V ¼								M ½					
313.3	317.2		INT?	GREY INTRUSIVE? - altered grey intrusive?? irregularly shaped sections of amorphous yellow green alteration (epidote??) some qtz calcite veinlets	313.3	317.2						P 1				P 1	V ¼										

ASSAY FROM	TO	SAMPLE No.	
292.7	294.2	162213	3
294.2	295.7	162214	7
295.7	297.2	162215	48
297.2	298.2	162216	4
298.2	299.3	162217	4
299.3	300.6	162218	409
300.6	302.1	162219	4
302.1	303.6	162220	4
303.6	305.1	162221	2
305.1	306.6	162222	3
306.6	308.1	162223	4
308.1	309.6	162224	3
309.6	311.1	162225	4
311.1	312.6	162226	4
312.6	314.1	162227	2
314.1	315.6	162228	3
315.6	317.2	162229	3

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	DIP RECORDED	DIP CORRECTED			SHEET 10 OF 17	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. OL97-2	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLYMICTIC)	BRECCIA INTENSITY	ALTERATION: HM	SP	CL	SI	EP	SE	CB	BA	PL	MS	EI	AL	ALTERATION OCCURRENCE	ALTERATION AMOUNT (IN / INTENSITY)	MINERALIZATION: py	po	cp	bo	oxs	az	MINERALIZATION OCCURRENCE	MINERALIZATION AMOUNT
317.2	327.5		BXCL	CHLORITIC MATRIX BRECCIA - chlorite matrix breccia, most clasts are jasper w/ minor chloritic and serpentine fragments, some rounding of fragments.			M	P	5	m tr	m tr	m 6				✓ 1/2							✓ Tr								
327.5	331.5		DIOR	DIORITE - fg., black to grey diorite, upper contact irregular intrusive, lower contact fracture @ 64° CA. Fracture w/ 1cm wide gouge @ 40° CA @ 327.8m, some hematite in gouge. Some fragments of jasper. Core loss 329.5→	327.5	331.5				P 1		P 2				✓ 1/2														
331.5	401.0		BXCL	CHLORITIC MATRIX BRECCIA - fg. green to black matrix chlorite w/ largely jasper fragments, 1/4 - 10cm, angular. The chlorite may be serpentine + chlorite. Core loss in rubbly broken core 336.2 - 339m.	331.5	401.0	M	H(?)	5-6	m Tr	m Tr	m 8				✓ 1							✓ Tr								
				Highly broken core 348.8 - 349.6																											

ASSAY FROM	TO	SAMPLE No.	
317.2	318.7	162230	15
318.7	320.2	162231	15
320.2	321.7	162232	2
321.7	323.2	162233	2
323.2	324.7	162234	4
324.7	326.2	162235	4
326.2	327.5	162236	16
327.5	328.8	162237	3
328.8	330.2	162238	3
330.2	331.5	162239	16
331.5	333.0	162240	22
333.0	334.5	162241	3
334.5	336.0	162242	4
336.0	337.5	162243	3
337.5	339.0	162244	3
339.0	340.5	162245	4
340.5	342.0	162246	3
342.0	343.5	162247	3
343.5	345.0	162248	2
345.0	346.5	162249	2
346.5	348.0	162250	3
348.0	349.5	162251	2
349.5	351.0	162252	2
351.0	352.5	162253	42
352.5	354.0	162254	2

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED		SHEET 11 OF 17	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. DL97-2	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	PHASES (POLY/MONO)	BRECCIA INTENSITY	ALTERATION (KH SP CL SI HP SE CB BA FL MG SI AL; OCCURRENCE / AMOUNT (W/INTENSITY))	MINERALIZATION (py po cp bo mo az; OCCURRENCE / AMOUNT)
331 5	401 0		BXCL	BXCL cont'd							
				Foliation/fracture @ 40° to CA 363-364.							
				Fractured w/ dusty qtz-carb @ 364m							
				390-393 section of abundant chlorite and white dolomite-lapis fragments Abundant specularite							

ASSAY FROM	TO	SAMPLE No.		
354 0	355 5	162258	2	
355 5	357 0	162259	2	
357 0	358 5	162257	<2	
358 5	360 0	162258	<2	
360 0	361 5	162259	3	
361 5	363 0	162260	2	
363 0	364 5	162261	3	
364 5	366 0	162262	3	
366 0	367 5	162263	3	
367 5	369 0	162264	38	
369 0	370 5	162265	4	
370 5	372 0	162266	6	
372 0	373 5	162267	6	
373 5	375 0	162268	<2	
375 0	376 5	162269	2	
376 5	378 0	162270	2	
378 0	379 5	162271	3	
379 5	381 0	162272	4	
381 0	382 5	162273	3	
382 5	384 0	162274	3	
384 0	385 5	162275	2	
385 5	387 0	162276	3	
387 0	388 5	162277	2	
388 5	390 0	162278	2	
390 0	391 5	162279	6	
391 5	393 0	162280	5	
393 0	394 5	162281	6	
394 5	396 0	162282	3	
396 0	397 5	162283	2	
397 5	399 0	162284	2	

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING: RECORDED / CORRECTED	AZIMUTH: RECORDED / CORRECTED				SHEET 12 OF 17	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-2	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (P/A/R/M)	BRECCIA INTENSITY	ALTERATION: NH SP CL SI HF SE CB BA PL MS SI AL (OCCURRENCE / AMOUNT (% / INTENSITY))	MINERALIZATION: py po cp bo ao oz (OCCURRENCE / AMOUNT)
331 5	401 0		BXCL	BXCL Cont'd							
401 0	418 0		BXHM	HEMATITE MATRIX BRECCIA - This is an extremely altered unit. It is possibly an altered intrusive. It is highly broken w/ shearing and fracturing at various different angles. Pink and maroon hematite w/ some jasper and sections of dk green and black chlorite. Magnetite throughout unit. Lower contact in gouge + broken core.			M	P	S	m 30; m 2; m 10; v tr; v 1; m 1	m tr; m tr
418 0	506 0		BXCL	CHLORITIC MATRIX BRECCIA - f.g. dk green chlorite w/ Py disseminated through the matrix. Most fragments are angular, some sheared, maroon and jasper sediments. Narrow tension gash veinlets of gk-carbonate occur throughout the unit, often in the fragments only (i.e. pre-brecciation). The number of veinlets increases 434m towards 445m	418 0	445 6	M	H(p)	S	m 5; m tr; m 18; v tr; v 1	m 2

ASSAY FROM	TO	SAMPLE No.	
399 0	400 0	162285	2
400	401 0	162286	5
401 0	402 5	162287	339
402 5	404 0	162288	176
404 0	405 5	162289	115
405 5	407 0	162290	53
407 0	408 5	162291	130
408 5	410 0	162292	32
410 0	411 5	162293	42
411 5	413 0	162294	39
413 0	414 5	162295	16
414 5	416 0	162296	13
416 0	417 0	162297	12
417 0	418 0	162298	13
418 0	419 5	162299	5
419 5	421 0	162300	12
421 0	422 5	162301	12
422 5	424 0	162302	6
424 0	425 5	162303	7
425 5	427 0	162304	129
427 0	428 5	162305	138
428 5	430 0	162306	15
430 0	431 5	162307	5
431 5	433 0	162308	47
433 0	434 5	162309	26
434 5	436 0	162310	18
436 0	437 5	162311	63
437 5	439 0	162312	17

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.A.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 13 OF 17	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-2	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	PHASE (POLY/MONO)	BRECCIA INTENSITY	ALTERATION: MH	MP	CL	SI	HF	SE	CB	BA	PL	MG	SI	AL (OCCURRENCE / AMOUNT (IN / INTENSITY))	MINERALIZATION: PY	PO	CP	BO	GA	SZ (OCCURRENCE / AMOUNT)
418 0	506 10		BXCL	BXCL cont'd																							
				Section of strong chlorite altn 445.6-448m - fragments altered	445 6	448 0	m	P	4	m 5	m 1	m 30	V 1			✓ 1							m tr		J tr			
					448 0	496	m	P	6	m 7	m 1-2	m 20	V 1			V 1			M 1-1			m tr					
				Fragments from 448m downhole are much more heterolithic with fewer jasper and more grey sediments as this section progresses downhole																							
				Section of grey fragments + matrix 470.7 - 473.5																							
				contact on fracture (40°CA) green fragments top to jasper fragments lower. Other locations this contact is gradational and frequent is 1 in 2 meter long xcd to green to xcd																							

FROM	TO	SAMPLE No.	
439 0	440 5	162313	5
440 5	442 0	162314	13
442 0	443 5	162316	10
443 5	445 0	162316	87
445 0	446 5	162317	77
446 5	448 0	162318	235
448 0	449 5	162319	37
449 5	451 0	162320	20
451 0	452 5	162321	24
452 5	454 0	162322	67
454 0	455 5	162323	2
455 5	457 0	162324	2
457 0	458 5	162325	2
458 5	460 0	162326	2
460 0	461 5	162327	5
461 5	463 0	162328	129
463 0	464 5	162329	90
464 5	466 0	162330	7
466 0	467 5	162331	21
467 5	469 0	162332	3
469 0	470 5	162333	3
470 5	472 0	162334	3
472 0	473 5	162335	3
473 5	475 0	162336	7
475 0	476 5	162337	2
476 5	478 0	162338	22
478 0	479 5	162339	4
479 5	481 0	162340	311
481 0	482 5	162341	27
482 5	484 0	162342	36

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED		SHEET 14 OF 17	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-2	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	PHASES (POLY/MONO)	BRECCIA INTENSITY	ALTERATION (HM HP CL SI HF SE CB BA PL MB BI AL; OCCURRENCE / AMOUNT (1/2/INTENSITY))	MINERALIZATION (py po cp bo ao az; OCCURRENCE / AMOUNT)
418 0	506 0		BXCL	BXCL cont'd							
				Intense brecciation w/ strong chlorite 496→	496 0		M	P	6	m Tr; m Tr; m Sp; v 1/2; m 1; v 1/2	
				The matrix of the breccia from 501 to 506 is black and fine grained - metamorphosed chlorite & jasper frags. Contact is in fractured rock, no Δ.							
506 0	520 7		DIOR	DIORITE - fmg., med-dk green chlorite - plag rich intrusive, quartz calcite and hematite veinlets w/ pyrite on veinlets + fractures. Some coarse grains of chalcopyrite on fractures. Some mottled textures are evident in this unit. Chalcopyrite is more abundant near the bottom of this unit. The lower contact is a gradational alteration of the sediments below w/ the incorporation xenolithically into the intrusive above.						v 1-2; p 2; p 1; v 1/2	v 1/2; v +/-

ASSAY FROM	TO	SAMPLE No.	
484 0	485 5	162343	56
485 5	487 0	162344	33
487 0	488 5	162345	5
488 5	490 0	162346	3
490 0	491 5	162347	4
491 5	493 0	162348	2
493 0	494 5	162349	2
494 5	496 0	162350	5
496 0	497 5	162351	3
497 5	499 0	162352	2
499 0	500 5	162353	2
500 5	502 0	162354	2
502 0	503 5	162355	3
503 5	504 8	162356	4
504 8	506 0	162357	6
506 0	507 5	162358	3
507 5	509 0	162359	4
509 0	510 5	162360	2
510 5	512 0	162361	4
512 0	513 5	162362	5
513 5	515 0	162363	9
515 0	516 5	162364	26
516 5	518 0	162365	19
518 0	519 5	162366	19
519 5	520 7	162367	117

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (MAG) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED			SHEET 15 OF 17	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. OL97-2	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION
520.7	557.2		TBDL	THIN BEDDED GREY DOLOMITE - f.g., med-dk. grey, thin bedded dolomite. Occasional graphitic on fractures. Py occurs on fractures along and ¼ white calcite. Metamorphism (contact) has caused bleaching and increased CB veinlets to 522m. coarse chalcopy 520.7 to 521.1 (~2% cp). Bedding varies from 45° to 60° to CA.
				Fracture filling of Py @ 60°CA on bedding
				Contact w/ vein is increased carb veins and brecciated vein sides
557.2	559.0		CBVN	CARBONATE VEIN - creamy white carbonate vein w/ angular fragments of TBDL + traces of Py

SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS POLYMICTIC	BRECCIA INTENSITY

ALTERATION — OCCURRENCE / AMOUNT (M/INTENSITY)

MN	SP	CL	SI	HP	SZ	CB	BA	PL	MS	BI	AL	GR
			V Tr			V ½						Tr

MINERALIZATION — OCCURRENCE / AMOUNT

PY	PO	CP	bo	ma	az
Tr ¼		Tr ¼			
V Tr					

FROM	TO	SAMPLE No.	ASSAY
520.7	522.0	162368	546
522.0	523.5	162369	199
523.5	525.0	162370	427
525.0	526.5	162371	460
526.5	528.0	162372	576
528.0	529.5	162373	190
529.5	531.0	162374	216
531.0	532.5	162375	216
532.5	534.0	162376	63
534.0	535.5	162377	48
535.5	537.0	162378	106
537.0	538.5	162379	47
538.5	540.0	162380	75
540.0	541.5	162381	86
541.5	543.0	162382	44
543.0	544.5	162383	66
544.5	546.0	162384	82
546.0	547.5	162385	44
547.5	549.0	162386	46
549.0	550.5	162387	52
550.5	552.0	162388	320
552.0	553.5	162389	78
553.5	555.0	162390	108
555.0	556.1	162391	97
556.1	557.2	162392	74
557.2	558.1	162393	61
558.1	559.0	162394	11

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 16 OF 17	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. OL97-2	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION
559.0	573.0		TBDL	THIN BEDDED DOLOMITE - dk grey to black, f.g., thinly bedded (1mm) dolomite fractures w/ graphite, quartz and qtz carb veinlets at various angles including // to bedding. Py on veinlets + // to bedding. There is more graphite at the end than TBDL above. Strong fault - 40° to CA @ 165.4 to 165.7 Qtz vein 567.3-568.1 - some epidote and chlorite
573.0	575.2		SDOL	SILICIFIED DOLOMITE - qtz + silica flooding of dolomite. Folded bedding visible in several sections of unit
575.2	578.0		MONZ	MONZONITE - f.g., lt grey intrusive veinlets and silica alteration common. Py on fractures.
578.0	594.1 (EOH)		SDOL	SILICIFIED DOLOMITE - qtz + silica flooding of dolomite. Strong Py (semi-massive) 578.0-578.4m. Pyrite in fractures and veinlets

SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLYMICTIC)	BRECCIA INTENSITY

ALTERATION — OCCURRENCE / AMOUNT (1=5% / INTENSITY)

MM	SP	CL	SI	HP	SE	CB	BA	FL	MB	SK	AL	GR
						V 1						f Tr
			P 7			V Tr						f 2
			P 1			V 1						f 1/2
			V 2									
			P 7			✓ Tr						f 1

MINERALIZATION — OCCURRENCE / AMOUNT

PY	PO	CP	BO	BA	AZ
✓ 1					
		V +r			
		f +r			
f 1	f 1				

ASSAY FROM	TO	SAMPLE No.	
559.0	560.5	162395	28
560.5	562.0	162396	44
562.0	563.5	162397	154
563.5	565.0	162398	111
565.0	566.5	162399	51
566.5	568.0	162400	86
568.0	569.5	162401	156
569.5	571.0	162402	232
571.0	572.0	162403	48
572.0	573.0	162404	100
573.0	574.1	162405	97
574.1	575.2	162406	90
575.2	576.6	162407	68
576.6	578.0	162408	78
578.0	579.0	162409	373
579.0	580.5	162410	92
580.5	582.0	162411	91
582.0	583.5	162412	45
583.5	585.0	162413	12
585.0	586.5	162414	50
586.5	588.0	162415	17
588.0	589.5	162416	17
589.5	591.0	162417	104
591.0	592.5	162418	79

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED			SHEET 17 OF 17	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. OL 97-2	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION
578.0	594.1		SDOC	SDOC cont'd
	(EOH)			594.1 m 1949 ft.
				END OF HOLE
				Jean P. Butler

SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLY/MONO)	BRECCIA INTENSITY

ALTERATION	NN	SP	CL	SI	KF	SE	CB	BA	PL	MB	BI	AL
OCCURRENCE												
AMOUNT (% / INTENSITY)												

MINERALIZATION	py	po	cp	bo	sp	az
OCCURRENCE						
AMOUNT						

ASSAY FROM	TO	SAMPLE No.
592.5	594.1	162419

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED: Aug 29/97	DATE COMPLETED: Sept 1/97	CORE SIZE: NQ	PROPERTY: OLYMPIC
LAT.: 79,810 N	ELEV.: 1150 m	DIP: -64.5°	CASING LEFT
DEP.: 8,150 W	LENGTH: 408.4	BEARING: 355°	PROJ. No.: 100% Recovery
N.T.S. No.: 116 B/14	GRID NORTH W.R.T. TRUE: 355°	CONTRACTOR: Britton Bros	SHEET 1 OF 9
MAGN. DECL.: 31° E	HOLE No.: OL97-3	LOGGED BY: Sean P Butler	SAMPLED BY: SPB
DATE: Aug 30 - Sept			

FIELD COORDINATES

DIP TESTS

DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED
61.0	ACID	–		64.5°
121.9	ACID	–		63°

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLY/MONO)	BRECCIA INTENSITY	ALTERATION (HM SP CL SI KF SE CB BA FL MB GI AL) OCCURRENCE / AMOUNT (% / INTENSITY)	MINERALIZATION (py po cp bo mo az) OCCURRENCE / AMOUNT	ASSAY FROM	ASSAY TO	SAMPLE No.	Cu ppm
0.0	6.1		OVBN	OVERBURDEN - cased, no											
				core recovered											
6.1	53.7		DOLM	DOLOMITE - f.g. dolomite, orangey red						HM ✓ tr; SI ✓ 1/2; CB ✓ 1					
				to grey. Frequent beds of rounded						CB m 3					
				dolomite pebbles in grey dolomite											
				matrix. Some brown calcite veins											
				and veinlets as well as creamy											
				white qtz-carbonate veinlets.											
				No visible sulfides											
				37m → section w/ small angular fragments											
				of heterolithic origin. No sulfides. Most											
				is crackle breccia w/ some fragments											
				added. Contact intrusive healed breccia								52.3	53.7	162420	8
53.7	94.6		DIOR	DIORITE - m.g., dark green,	53.7	68.0				HM ? 2; CL P 5; SI v 1/2; CB v 1/2; MB P Tr		53.7	55.2	162421	4
				heavily altered pervasively with								55.2	56.7	162422	3
				chlorite occassionally hematite								56.7	58.2	162423	8
				alters pervasively, feldspars turning								58.2	59.7	162424	62
				them red. Very little magnetite								59.7	61.2	162425	4
				detected (traces) for such a								61.2	62.7	162426	2
				mafic unit.								62.7	64.2	162427	3
												64.2	65.7	162428	11
				Fault 63.5-63.9, gouge rubble, 55° to CA.								65.7	67.2	162429	3
					68.0	94.6				HM p 4; SP d tr; CL p v; SI v 1/2; CB v 1/2; MB p tr	py d tr	67.2	68.7	162430	2
				Section w/ increase hematite from								68.7	70.2	162431	3
				69.0 - 70.5m.								70.2	71.7	162432	4
												71.7	73.2	162433	3
												73.2	74.7	162434	6
												74.7	76.2	162435	9

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED | DATE COMPLETED | CORE SIZE

FIELD COORDINATES

LAT. | ELEV. | DIP

DEP. | LENGTH | BEARING

DIP TESTS

DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED
182.9	AC10	/		-63°
243.8	AC10	/		-62°

PROPERTY | PROJ. No.

LAT. DEP. ELEV.

LAT. DEP. ELEV.

N.T.S. No. | GRID NORTH (M.A.) TRUE | CONTRACTOR

SHEET 2 OF 9 | MAGN. DECL.

HOLE No. OL97-3 | LOGGED BY | SAMPLED BY

DATE

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	PHASES (POLYMICTIC)	BRECCIA INTENSITY	ALTERATION: NON	SP	CL	SI	HP	SE	CB	BA	PL	MS	SI	AL (OCCURRENCE / AMOUNT (% / INTENSITY))	MINERALIZATION: py	po	cp	bo	ma	az (OCCURRENCE / AMOUNT)
53.7	84.6		DIOR	DIOR cont'd																							
84.6	86.5		FALT	FAULT - highly broken rock w/ gouge and breccia. Bleaching of the gouge to light grey colour.	84.6	86.5					P/2		V/2		P/3	V/3											
86.5	133.3		DIOR	DIORITE - m.g., dark green (chlorite) to brown red (hematite) mottled intrusive. The feldspars are often altered in colour to red by hematite.	86.5	94.0					P/6	d/½	P/3	V/½			V/½			d/tr			d/tr					
					94.0	100.0					P/2	d/tr	P/3	V/½			V/½			d/tr			d/tr					
				Highly broken section 94-100																							
					100.0						P/1	d/tr	P/2	V/tr			V/tr			d/tr			d/tr					
				Fossicle fault 118.3-118.6, 25° CA, gouge slight increase in pervasive hematite 129 - 131. Contact-fracture 50° CA.																							
133.3	136.9		SDOL	SILICIFIED DOLOMITE - creamy white and tan mottled white dolomite w/ qtz-dolomite veining. No sulfides.	133.3	136.9							P/2				V/75										

ASSAY

FROM	TO	SAMPLE No.	
76.2	77.7	162436	2
77.7	79.2	162437	8
79.2	80.7	162438	8
80.7	82.2	162439	6
82.2	83.5	162440	16
83.5	84.6	162441	10
84.6	85.5	162442	8
85.5	86.5	162443	5
86.5	88.0	162444	36
88.0	89.5	162445	3
89.5	91.0	162446	3
91.0	92.5	162447	4
92.5	94.0	162448	4
94.0	95.5	162449	9
95.5	97.0	162450	21
97.0	98.5	162451	16
98.5	100.0	162452	16
100.0	101.5	162453	7
101.5	103.0	162454	3

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 3 OF 9	MAGN. DECL.	
LAT.	ELEV.	DIP	304.8	ACID	—	—	-62°	LAT. DEP.	ELEV.			
DEP.	LENGTH	BEARING	365.8	ACID	—	—	-62°	LAT. DEP.	ELEV.	HOLE No. OL97-3	LOGGED BY	SAMPLED BY
											DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS POLYMICTIC	BRECCIA INTENSITY	ALTERATION: KH SP CL SI HP SE CB BA PL HE EP AL GR (OCCURRENCE / AMOUNT I.S. / INTENSITY)	MINERALIZATION: py po cp bo sp az cc (OCCURRENCE / AMOUNT)
136.9	141.3		DIOR	DIORITE - f.-mg., med-dk green, chlorite alteration, feldspar grains are mostly altered. lower contact is fracture @ ~85° to CA.	136.9	141.3				CL: P/S 2; CB: P/V 1	
141.3	142.8		BXCL	CHLORITE MATRIX BRECCIA -	141.3	142.8	M	P	S	CL: M/40 1; CB: M/S	
142.8	155.7		DOLM	DOLOMITE - fg. lt grey-creamy white dolomite, some chlorite and hematite. Minor fragments of dolomite, esp. 144.5-145.5 m and 148.5-151.2. 151.2-152.1 FAULT - gouge, breccia, fractures @ low angles 15°-20° CA, some healing has occurred within breccia,	142.8	155.7				KH: P/1; CL: P/1; CB: V/3, M/3; PL: V?/1; GR: V/Tr	py: V/Tr
155.7	176.9		BXCB	CARBONATE MATRIX BRECCIA this section is mostly crackle brecciated w/ the first three meters angular brecciation w/ rotation and white carbonate matrix. Pyrite occurs along fractures + veins most frequently below 164. Chalcocite possibly in a veins of carbonate near 163m Graphite is on the fractures 156 to 160m Also 160-164m are disrupted beds of jasper.	155.7	176.9	C	H	3	KH: P/1; CL: M/2; CB: M/5; GR: F/1; py: V/Tr; po: V/Tr; cc: V/Tr?	

ASSAY FROM	TO	SAMPLE No.	
149.7	151.2	162455	5
151.2	152.7	162456	6
152.7	154.2	162457	3
154.2	155.7	162458	4
155.7	157.2	162459	8
157.2	158.7	162460	90
158.7	160.2	162461	6
160.2	161.7	162462	8
161.7	162.7	162463	38
162.7	163.7	162464	8
163.7	164.7	162465	5
164.7	165.7	162466	3
165.7	167.2	162467	5
167.2	168.7	162468	4
168.7	170.2	162469	10
170.2	171.7	162470	9
171.7	173.2	162471	5
173.2	174.7	162472	7

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 4 OF 9	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-3	LOGGED BY	SAMPLED BY	
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.		DATE		

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS POLYMICTIC	BRECCIA INTENSITY	ALTERATION: KH	SP	CL	SI	MT	SC	CB	BA	PL	MS	SR	AL	GR	MINERALIZATION: PY	PO	CP	BO	MA	AZ	OCCURRENCE	AMOUNT
155 7	176 9		BXCB	BXCB cont'd. - broken core 1745-1																										
176 9	236 0		BXCL	CHLORITE MATRIX BRECCIA. - fg dk green chloritic matrix in an angular polymictic (mostly dolomite + siltstone) small (1/2 cm to 3 cm generally). Some fractures have traces of graphite esp 188-189m. At 191m increasing number of clasts are jasper and chlorite. Specularite is disseminated in the matrix esp 191m down.	176 9	191 0	M	P	5		M fr	m 10	V 1/2			V fr						F fr	V fr								
					191 0	222 0	M	P	5		M 3	m 23	M 15										V fr								
				216.5-217.4 - bleaching and dolomitic matrix																											

ASSAY FROM	TO	SAMPLE No.	
174 7	175 8	162473	6
175 8	176 9	162474	5
176 9	178 4	162475	3
178 4	179 9	162476	7
179 9	181 4	162477	15
181 4	182 9	162478	7
191 0	192 5	162479	21
192 5	194 0	162480	11
194 0	195 5	162481	4
195 5	197 0	162482	2
197 0	198 5	162483	2
198 5	200 0	162484	2
200 0	201 5	162485	2
201 5	203 0	162486	2
203 0	204 5	162487	2
204 5	206 0	162488	2
206 0	207 5	162489	<2
207 5	209 0	162490	3
209 0	210 5	162491	2
210 5	212 0	162492	<2
212 0	213 5	162493	<2
213 5	215 0	162494	2
215 0	216 5	162495	2
216 5	218 0	162496	2
218 0	219 5	162497	5
219 5	221 0	162498	2
221 0	222 5	162499	7

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 5 OF 9	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. OC 97-3	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (P/A/SUB)	BRECCIA INTENSITY	ALTERATION: MX SP CL SI HP SE CB BA FL HS SI AL — OCCURRENCE / AMOUNT (CM / INTENSITY)	MINERALIZATION: py po cp bo aa az — OCCURRENCE / AMOUNT
176.9	236.0		BXCC	BXCC cont'd	222.0	228.5	M	H	1	m 2 v 1/2; v 1/2; m 2	
				222.0 – jasper and hematite fragments crackle brecciated with a chlorite-carbonate matrix.							
					228.5	236.0	C	P	4	m 1 m 3 m 5 v 1; v 1.5	v tr
				Gradational increase in carb, decrease in chl							
236.0	254.3		BXCB	CARBONATE MATRIX BRECCIA – carbonate chlorite and specular hematite matrix w/ polymictic fragments in matrix (ie fragments < 1/2 cm + carb, chl + spec) with angular clasts of fluid sediments (soft sed brecciation??), dolomite, maroon and jasper, 1 to 15 cm wide. strongest hematite 246.5 to 250.0 m	236.0	254.3	M	P	5	m 1/2 m 1 m 1 m 5	
254.3	261.7		BXHM	HEMATITE MATRIX BRECCIA – red-brown hematite matrix with most fragments jasper. Some f.g. black chlorite	254.3	261.7	C	P	3	m 5 m 1 m 1 v 1/2; v 1	
261.7	264.8		FALT	FAULT – broken brecciated, rubbly core w/ sections of gouge at 50° to 70° CA Most fragments are jasperoid							

ASSAY FROM	TO	SAMPLE No.	
222.5	224.0	162500	3
224.0	225.5	162501	3
225.5	227.0	162502	<2
227.0	228.5	162503	<2
228.5	230.0	162504	3
230.0	231.5	162505	<2
231.5	233.0	162506	2
233.0	234.5	162507	3
234.5	236.0	162508	3
236.0	237.5	162509	3
253.0	254.3	162510	4
254.3	255.8	162511	3
255.8	257.3	162512	4
257.3	258.8	162513	5
258.8	260.3	162514	3
260.3	261.9	162515	2
261.8	263.3	162516	3
263.3	264.8	162517	4
264.8	266.3	162518	5
266.3	267.8	162519	4
267.8	269.3	162520	3
269.3	270.8	162521	6

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY	PROJ. No.	N.T.S. No.	BRG NORTH M/A/T/J TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 6 OF 9	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. OL97-3	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	PHASES (POLY/MONO)	BRECCIA INTENSITY	ALTERATION: MH	SP	CL	SI	HP	SZ	OCCURRENCE: CB	BA	PL	MS	SI	AL	AMOUNT (IN / INTENSITY)	MINERALIZATION: PY	PO	CP	OCCURRENCE: bo	ma	sz	AMOUNT
264 8	278 3		BXCB	CARBONATE MATRIX BRECCIA - hetero-lithic clasts with a carbonate matrix and white carbonate veining. Clasts are angular and range from jasper, sediments (bedded), dolomite to intrusives. Gradational increase in hematite	264 8	278 3	C(M)	P	3	m Tr	m Tr	m 1				M 5 V 2													
278 3	288 8		BXHM	HEMATITE MATRIX BRECCIA - hetero-lithic clasts in a matrix of red-brown hematite.	278 3	288 8	M	P	5	m 6	m Tr	m Tr				V 1/2													
288 8	314 8		DIOR	DIORITE - m.g., dk green intrusive, carbonate veins, some sections of pervasive hematite alteration. Broken rubbly core 298 - 299m. No Δ.						P 2		P 3				V 1/2			d 1/2										
314 8	328 8		BXCL	CHLORITE MATRIX BRECCIA - chlorite and white carbonate matrix w/ angular clasts of jasper, dolomite and fg. diorite			M	P	4	m 1	m tr	m 5				M 2 V 2							m tr						

ASSAY FROM	TO	SAMPLE No.	
270 8	272 3	162521	3
272 3	273 8	162523	3
273 8	275 3	162524	4
275 3	276 8	162525	4
276 8	278 3	162526	2
278 3	279 8	162527	2
279 8	281 3	162528	3
281 3	282 8	162529	11
282 8	284 3	162530	13
284 3	285 8	162531	2
285 8	287 3	162532	42
287 3	288 8	162533	4
288 8	290 3	162534	27
290 3	291 8	162535	3
291 8	293 3	162536	2
293 3	294 8	162537	4
294 8	296 3	162538	14
314 8	316 3	162539	5
316 3	317 8	162540	26
317 8	319 3	162541	11
319 3	320 8	162542	4
320 8	322 3	162543	399
322 3	323 8	162544	24
323 8	325 3	162545	106

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED		SHEET 7 OF 9	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP. ELEV.		HOLE No. OL97-3	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP. ELEV.			DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (MC)	PHASE (POLYMICTIC)	BRECCIA INTENSITY	ALTERATION: KSI	SP	CL	SI	HP	SZ	CB	BA	PL	MS	SK	AL	MINERALIZATION: py	po	cp	bo	mo	sz	OCCURRENCE / AMOUNT
314 8	328 8		BXCC	BXCC cont'd.																								
				lower contact is gradational - more DIOR frags																								
328 8	344 0		DIOR	DIORITE - f.g., med-dk green diorite						P 2	d Tr	P 1	V 1/2		P 1	V 2			d 1									
				some red hematite pervasively throughout, 1/2 to 1% MG, including 1cm patches of massive magnetite around 343m																								
344 0	357 4		DOLM	DOLOMITE - f.g., med grey, 1/4 ish bedded dolomite. Some pervasive red hematite in small sections						P 1	d Tr					V 1/4						V Tr						
				Numerous fracture fillings of white calcite, traces of Py on fractures.																								
357 4	368 0		DIOR	DIORITE - f.g., red-brown-green intrusive pervasive hematite alt'n 2-3% diss magnetite, white						P 2	V Tr	P 2 V 1/2	V Tr			V 2			d 2-3			V Tr						
				upper contact is gradual increase in alteration and irregular intrusive fragments																								
				lower contact is fracture @ 60°																								

ASSAY FROM	TO	SAMPLE No.	
325 3	326 5	162546	20
326 5	327 7	162547	57
327 7	328 8	162548	12
328 8	330 3	162549	21
330 3	331 8	162550	12
331 8	333 3	162551	12
333 3	334 8	162552	23
334 8	336 3	162553	28
336 3	337 8	162554	17
337 8	339 3	162555	43
339 3	340 8	162556	2
340 8	342 3	162557	10
342 3	344 0	162558	11
344 0	345 5	162559	12
355 9	357 4	162560	26
357 4	358 9	162561	4
358 9	360 4	162562	2
360 4	361 9	162563	19
361 9	363 4	162564	2
363 4	364 9	162565	10
364 9	366 4	162566	5
366 4	368 0	162567	3

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING: RECORDED / CORRECTED	AZIMUTH: RECORDED / CORRECTED				SHEET 8 OF 9	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP. ELEV.		HOLE No. OL97-3	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP. ELEV.			DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (P/A/SR/R)	BRECCIA INTENSITY	ALTERATION (RH SP CL SI HP SE CB BA PL MB BI AL; OCCURRENCE / AMOUNT (% / INTENSITY))	MINERALIZATION (py po cp bo ma az; OCCURRENCE / AMOUNT)
368.0	385.0		BXCC	CHLORITE MATRIX BRECCIA - f.g. lt green chlorite matrix w/ partially rounded clasts of various composition. Unusual carbonate alteration of white dolomite filled vesicles in matrix and clasts down to about 371m. Rubbley broken core, core loss, 50cm 377-379	368.0	371.0	M	P	S	P 1; Fn 5; V ½; wisp. Cb 2	d 1
					371.0	373.5	M	P	4	P 1; M 5; P 1; V ½	d 1; d Tr
					373.5	376.0	M	P	S	P 1; M 5; P 3; V ½	d Tr; d 1
					376.0		M	P	Z	P ½; d Tr; M 3; V Tr; V ½	d Tr
				Lower contact, 1cm gouge 40° CA							
385.0	396.4		DIOR	DIORITE - f.m.g. red grey, some pervasive red hematite alteration, pervasive chlorite alteration. 1% disseminated f.g. magnetite	385.0	392.2				P 1; V Tr; P 1; V ½; d 1	d Tr
396.4	396.7		FALT	FAULT - rubbly and gouge zone @ approx 80° C.A.							
396.7	398.6		QCVN	QUARTZ CARBONATE VEIN - white qtz + dolomite w/ angular fragments of silicified diorite.						V 30; V 50	

ASSAY FROM	TO	SAMPLE No.	
368.0	369.5	162566	3
369.5	371.0	162569	11
371.0	372.5	162570	9
372.5	373.5	162571	6
373.5	374.4	162572	1561
374.4	375.2	162573	3363
375.2	376.0	162574	8680
376.0	377.0	162575	164
377.0	378.0	162576	46
378.0	379.0	162577	15
379.0	380.5	162578	9
380.5	382.0	162579	4
382.0	383.5	162580	3
383.5	385.0	162581	18
385.0	386.5	162582	7
386.5	388.0	162583	17
388.0	389.5	162584	4
389.5	391.0	162585	5
391.0	392.5	162586	3
392.5	394.0	162587	3
394.0	395.2	162588	2
395.2	396.4	162589	3
396.4	397.4	162590	3
397.4	398.6	162591	2

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED			SHEET 9 OF 9	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. OL97-3	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLYMICTIC)	BRECCIA INTENSITY	ALTERATION: HM SP CL SI KF SK CB BA PL MS OX AL — OCCURRENCE / AMOUNT (1-3 / INTENSITY)	MINERALIZATION: py po cp bo ba az — OCCURRENCE / AMOUNT
398.6	400.2		FALT	FAULT - breccia + gouge, fragments of diorite. Low angle - irregular.							
400.2	408.4 EOH		DIOR	DIORITE - f.g., dk. grey-green diorite, no magnetite, section from 403 to 405 of "spotted" alteration (3-5 mm dolomite circles) 405 to 408.4 FAULT, broken rubbly core, some breccia @ 50° to C.A. HOLE TERMINATED DUE TO BROKEN SQUEEZING GROUND END OF HOLE 408.4m 1340 ft. Joan P. Butler	400.2	408.4				SP 1; CL 1; SI 1; SK 1 VEIN 2	py 1 TR

ASSAY FROM	TO	SAMPLE No.		
398.6	400.2	162592	18	
400.2	401.7	162593	3	
401.7	403.2	162594	2	
403.2	404.7	162595	<2	
404.7	406.2	162596	2	
406.2	407.3	162597	<2	
407.3	408.4	162598	2	
	EOH.			

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED SEPT 2/97	DATE COMPLETED Sept 8/97	CORE SIZE NQ	PROPERTY OLYMPIC
FIELD COORDINATES			CASING LEFT
LAT. 79,375N	ELEV. 1180	DIP -64°	PROJ. No.
DEP. 8,675W	LENGTH 460.0 m	BEARING 325°	100% Recovery
N.T.S. No. 116 B/14	SHEET 1 OF 13	HOLE No. OL97-4	GRID NORTH (U.T.M.) TRUE 355°
MAGN. DECL. 31° E	LOGGED BY Sean P. Butler	SAMPLED BY SB/AD	DATE Sept 4-10 /1997
CONTRACTOR BRITTON BROS			

DIP TESTS

DEPTH	BEARING Recorded	BEARING Corrected	ANGLE Recorded	ANGLE Corrected
61.0	ACID	–	–	-64°
121.9	ACID	–	–	-64°

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS POLY/MONO	BRECCIA INTENSITY	ALTERATION (OCCURRENCE / AMOUNT (% / INTENSITY))	MINERALIZATION (OCCURRENCE / AMOUNT)
0.0	9.1	0%	OVBN	OVERBURDEN - NO CORE RECOVERED							
9.1	31.7		BxCL	CHLORITE MATRIX BRECCIA - f.g. dk green chlorite, w/ white carbonate and some red hematite. Fragments are angular and vary from maroon, jasper, grey dolomite and to brecciated breccias. Some specular hematite and pyrite. Lower contact fracture w/gouge @ 50°CA	9.1	31.7	M	P	4	HM m/Tr; SP m/tr; CL m/6-8; CB m/1	py M/Tr
31.7	33.8		DIOR	DIORITE - f.g., med grey (green), some chlorite alteration, minor dolomite veinlets. Lower contact in broken core. Some specularite						HM P/1; SP f/1; CL P/1; SI 1; CB V/1	
33.8	41.9		BXCB	CARBONATE MATRIX BRECCIA - clast supported breccia w/mostly dolomite fragments in a crackle breccia. Partially superimposed (but possibly contemporaneous) is a chlorite matrix. Lower contact fracture w/ gouge @ 85° to CA.			C	P	2	HM m/1/4; SP m/Tr; CL m/2; CB M/4	

ASSAY

FROM	TO	SAMPLE No.	
9.1	10.6	162599	2
10.6	12.1	162600	2
12.1	13.6	162601	<2
13.6	15.1	162602	2
15.1	16.6	162603	2
16.6	18.1	162604	<2
18.1	19.6	162605	2
19.6	21.1	162606	3
21.1	22.6	162607	5
22.6	24.1	162608	<2
24.1	25.6	162609	<2
25.6	27.1	162610	2
27.1	28.6	162611	11
28.6	30.1	162612	15
30.1	31.7	162613	335
31.7	32.7	162614	196
32.7	33.8	162615	248
33.8	35.3	162616	35
35.3	36.8	162617	12
36.8	38.3	162618	<2
38.3	39.8	162619	<2
39.8	40.8	162620	<2
40.8	41.9	162621	2

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	DIP RECORDED	DIP CORRECTED			SHEET 2 OF 13	MAGN. DECL.	
LAT.	ELEV.	DIP	182.9	ACID	—	—	−64°	LAT. DEP.	ELEV.	HOLE No. OL97-4	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING	243.8	ACID	—	—	−64°	LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	BRECCIA (POLYMICTIC)	BRECCIA INTENSITY	ALTERATION: MM	SP	CL	SI	KF	SE	CB	BA	PL	MG	IR	AK	MINERALIZATION: PY	PO	CP	BO	GA	GZ
																OCCURRENCE / AMOUNT (CB / INTENSITY)										OCCURRENCE / AMOUNT					
41 9	111 2		BXCL	CHLORITE MATRIX BRECCIA - a chlorite matrix breccia w/ various different clasts. Angular w/ maroon frags ½ to 3 cm to 45 - 45 to 50 Ho fragments are largely intrusive or dolomitic w/ some red hematite alteration. 50m+down the fragments are largely hematite red and maroon limestone and calcite fragments w/ some rounding of Ho fragments.	41 9	45	M	P	5	m tr	m tr	an 7				m tr V 1													
					45	50	M	H(P)	2	m tr	m tr	m 2				V ½													
					50	73 3	M	P	5	m ½	m tr	an 7				m tr						m tr						
																V 1												
				73.3 - 76.7 - strong chlorite alteration of clasts & matrix, fault @ 74.4 - 74.7 @ 40° to CA. Fragments of red hematitic limestone are often ground very fine 76.7 -	73 3	76 7	M	P	7	m tr	m 1-2	mm 60				V ½													
					76 7	111 2	M	P	5	m tr	m tr	m tr				V ½						m tr						

ASSAY FROM	TO	SAMPLE No.	
41 9	43 4	162622	9
43 4	44 9	162623	<2
44 9	46 4	162624	2
46 4	47 9	162625	<2
47 9	49 4	162626	<2
49 4	50 9	162627	<2
50 9	52 4	162628	<2
52 4	53 9	162629	<2
53 9	55 4	162630	<2
55 4	56 9	162631	5
56 9	58 4	162632	10
58 4	59 9	162633	<2
59 9	61 4	162634	<2
61 4	62 9	162635	<2
62 9	64 4	162636	<2
64 4	65 9	162637	<2
65 9	67 4	162638	<2
67 4	68 9	162639	<2
68 9	70 4	162640	<2
70 4	71 9	162641	<2
71 9	73 3	162642	2
73 3	75 0	162643	<2
75 0	76 7	162644	2
76 7	78 2	162645	2
78 2	79 7	162646	4
79 7	81 2	162647	3
81 2	82 7	162648	<2
82 7	84 2	162649	2
84 2	85 7	162650	2
85 7	87 2	162651	<2

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED | DATE COMPLETED | CORE SIZE

FIELD COORDINATES

LAT. | ELEV. | DIP

DEP. | LENGTH | BEARING

DIP TESTS

DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED
304.8	ACID	—	—	-62°
365.9	ACID	—	—	-62°

PROPERTY | PROJ. No.

LAT. | DEP. | ELEV.

LAT. | DEP. | ELEV.

N.T.S. No. | SHEET 3 OF 13 | HOLE No. OL97-4

GRID NORTH (M.A.T.) TRUE | MAGN. DECL. | LOGGED BY | DATE

CONTRACTOR | SAMPLED BY

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLYMICTIC)	BRECCIA INTENSITY	ALTERATION: KM	SP	CL	SI	HT	SE	CB	BA	PL	MS	SI	AL (OCCURRENCE / AMOUNT (% / INTENSITY))	MINERALIZATION: py	po	cp	bo	mo	sz (OCCURRENCE / AMOUNT)
41 9	111 2		BXCL	BXCL-cont'd.																							
				Broken heavily fractured core 89-91.2m																							
				Section w/ pink siliceous (K-spar?) fragments 101 to 111 Lower contact is disappearance of red hematitic fragments and less chlorite in the matrix.																							
111 2	122 7		BXCB	CARBONATE MATRIX BRECCIA - most clasts are angular, sheared lt. med grey, fg., bedded dolomite w/ minor red hematitic clasts in a carbonate crackle breccia overprinting an earlier chlorite breccia. Maroon clasts 112.2 - 114.9 Lower contact is fracture @ 30° to CA.	111 2	122.7	C	MP	2	m Vcl	M tr	M 3		M 4														

ASSAY

FROM	TO	SAMPLE No.	
87 2	88 7	162652	3
88 7	90 2	162653	2
90 2	91 7	162654	3
91 7	93 2	162655	5
93 2	94 7	162656	8
94 7	96 2	162657	5
96 2	97 7	162658	4
97 7	99 2	162659	5
99 2	100 7	162660	3
100 7	102 2	162661	2
102 2	103 7	162662	2
103 7	105 2	162663	4
105 2	106 7	162664	3
106 7	108 2	162665	3
108 2	109 7	162666	3
109 7	111 2	162667	4
111 2	112 7	162668	4
112 7	114 2	162669	4
114 2	115 7	162670	3
115 7	117 2	162671	5
117 2	118 7	162672	8
118 7	120 2	162673	12
120 2	121 7	162674	3
121 7	122 7	162675	4

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED | DATE COMPLETED | CORE SIZE | DIP TESTS (DEPTH; BEARING recorded/corrected; AZIMUTH recorded/corrected) | PROPERTY | PROJ. No. | N.T.S. No. | GRID NORTH (M.A.T.) TRUE | CONTRACTOR

FIELD COORDINATES | | DEPTH 426.7 | Acid | — | — | -62° | SHEET 4 OF 13 | MAGN. DECL.

LAT. | ELEV. | DIP | LAT. | DEP. | ELEV. | HOLE No. OL97-4 | LOGGED BY

DEP. | LENGTH | BEARING | LAT. | DEP. | ELEV. | DATE | SAMPLED BY

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLY/MONO)	BRECCIA INTENSITY	ALTERATION (NH, SP, CL, SI, HP, SZ, CB, BA, PL, MG, BI, AL; OCCURRENCE / AMOUNT (1/3 / INTENSITY))	MINERALIZATION (py, po, cp, bo, ma, az; OCCURRENCE / AMOUNT)
122.7	131.2		BxHM	HEMATITE MATRIX BRECCIA - Specular hematite veinlets, white dolomite veinlets w/ red hematite envelope in f.g. possible intrusive. Some open space lining w/ crystal rings in carbonate veins. Lower contact is fractures @ 15 to 20° to C.A. and increased brecciation from 131.0 to 131.3	122.7	131.2	C	H	1	P 2; M 2; P 1; M 3	
131.2	140.6		BxCL	CHLORITE MATRIX BRECCIA - chloritic (w/ carbonate) matrix breccia w/ maroon, jasperoidal and grey dolomitic fragments, some rounding of fragments. Specularite in matrix	131.2	140.6	M	P	5	M 4½; M 10; V tr; M 4; V 2	
140.6	143.6		DIOR	DIORITE f.g., dk grey diorite minor specularite and chlorite alt'n.						P 1; P 2; V tr	
143.6	149.0		BXCB	CARBONATE MATRIX BRECCIA - 143.6-146.8 - clast supported breccia w/ very little matrix, soft sediment deformation?? 148.8-149.0 breccia of dolomite and jasperoid clasts w/ white carbonate and chlorite matrix. Broken core 148-149 m	143.6	146.8	C	P	1	A 1; P 2; M 2	
					146.8	149.0	C	P	4	A 1; M 3; M 5	

ASSAY FROM	TO	SAMPLE No.		
122.7	124.2	162676	35	
124.2	125.7	162677	23	
125.7	127.2	162678	14	
127.2	128.7	162679	20	
128.7	130.2	162680	16	
130.2	131.2	162681	40	
131.2	132.7	162682	9	
132.7	134.2	162683	4	
134.2	135.7	162684	3	
135.7	137.2	162685	5	
137.2	138.7	162686	5	
138.7	139.7	162687	5	
139.7	140.6	162688	5	
140.6	142.1	162689	5	
142.1	143.6	162690	2	
143.6	145.2	162691	4	
145.2	146.8	162692	4	
146.8	147.9	162693	3	
147.9	149.0	162694	6	

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	M.T.S. No.	GRID NORTH (M.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 5 OF 13	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-4		LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.			DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS POLYMICTIC	BRECCIA INTENSITY	ALTERATION NH	SP	CL	SI	KF	SZ	CB	BA	PL	MG	BI	AL	EP	MINERALIZATION py	po	cp	bo	ga	sz	ASSAY FROM	TO	SAMPLE No.	
																OCCURRENCE / AMOUNT (S / INTENSITY)												OCCURRENCE / AMOUNT									
149 0	155 1		FALT	FAULT - broken fractured core w/ sand silt, rubbly core of mostly chloritic and carbonate matrix breccias w/ jasperoid (and dolomitic-grey) fragments																										149 0	151 2	162695	40
																														151 2	152 1	162696	6
																														152 1	153 1	162697	4
153 1	160 2		SAND	SANDSTONE - salmon pink w/ grey bands in a disrupted silty sandstone. Some white dolomite veinlets at various angles Some brecciation present but most bands around 70° C.A. Grey dolomite - 159.5 - 159.8													V/1													153 1	154 6	162698	4
																														154 6	156 1	162699	4
																														156 1	157 6	162700	3
																														157 6	159 1	162701	4
																														159 1	160 2	162702	4
160 2	162 7		FALT	FAULT - gouge + fractured rock @ ~~approx~~ 45° CA.																										160 2	161 2	162703	4
																														161 2	162 7	162704	4
162 7	181 3		BXCL	CHLORITE MATRIX BRECCIA - sloped matrix and frequently elongated and rounded clasts. Most of the matrix is chlorite, some rock fragments are altered by chlorite.	162 7	179 1	M	P	7		Tr/m	10					1													162 7	164 2	162705	6
																														164 2	165 7	162706	3
																														165 7	167 2	162707	19
																														167 2	168 7	162708	6
																														168 7	170 1	162709	4
					170 1	181 3	M	P	7	V/tr	V/tr	m/15	V/tr				V/2													170 1	171 6	162710	4
											m/tr																			171 6	173 1	162711	3
																														173 1	174 6	162712	4
																														174 6	176 1	162713	6
																														176 1	177 6	162714	4
																														177 6	179 1	162715	4
																														179 1	180 2	162716	33
																														180 2	181 3	162717	9

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED | DATE COMPLETED | CORE SIZE | DIP TESTS | PROPERTY | PROJ. No. | N.T.S. No. | GRID NORTH (M.A.T.) TRUE | CONTRACTOR

FIELD COORDINATES | DEPTH | WATER RECORDED | WATER CORRECTED | AZIMUTH RECORDED | AZIMUTH CORRECTED | SHEET 6 OF 13 | MAGN. DECL.

LAT. | ELEV. | DIP | LAT. | DEP. | ELEV. | HOLE No. OL 97-4 | LOGGED BY | SAMPLED BY

DEP. | LENGTH | BEARING | LAT. | DEP. | ELEV. | DATE

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAME POLY/MONO	BRECCIA INTENSITY	ALTERATION: MN	SP	CL	SI	SF	SE	CB	BA	FL	MG	SI	AL (OCCURRENCE / AMOUNT (% / INTENSITY))	MINERALIZATION: PY	PO	CP	BO	BA	AZ (OCCURRENCE / AMOUNT)
181 3	187 6		BXCB	CARBONATE MATRIX BRECCIA - maroon coloured clasts w/ white dolomite and specularite in the fractures. Crackle Breccia partially. Lower contact is fracture @ 50° CA.	181 3	187 6	C	P	2	? 1	M 2	M tr																	
187 6	195 7		BXCL	CHLORITE MATRIX BRECCIA - dk green chloritic matrix w/ small (1/2 - 5cm) clast, subrounded some chloritic alteration of clasts. clasts consist of maroon, jasperoid, various grey dolomites etc.	187 6	195 7	M	P	5		M tr	M 8																	
195 7	200 7		MSED	MAROON SEDIMENT - maroon coloured aphanitic sediment w/ carbonate and specularite veins. Section w/ epidote and chlorite alt'n 196.7 - 197.1. Lower contact fracture @ 65° to CA.							V 2																		
200 7	211 0		BXHM	HEMATITE MATRIX BRECCIA - 200.7 - 202.7 similar to 187.6 - 195.7	200 7	202 7	M	P	5	M 4	F 1	M 10												N tr					
				202.7 - 210.0 f.g., purplish hue due to hematite, specular hematite v.f.g. but abundant. Fragments are very heavily altered w/ pervasive hematite	202.7	208 8	M	P	7	M 9	M 3	F 1																	
										P 3																		
					208 8	210 0	M	P	5	F 1	M 1/2	M 8																	
					210 0	211 0	M	P	6	M 5	M 1	M 4																	

ASSAY

FROM	TO	SAMPLE No.	
181 3	182 8	162718	3
182 8	184 3	162719	3
184 3	185 8	162720	5
185 8	186 7	162721	5
186 7	187 6	162722	4
187 6	189 1	162723	<2
189 1	190 6	162724	2
190 6	192 1	162725	2
192 1	194 6	162726	2
194 6	195 7	162727	3
195 7	197 2	162728	5
197 2	198 7	162729	3
198 7	199 7	162730	2
199 7	200 7	162731	3
200 7	202 2	162732	2
202 2	203 7	162733	2
203 7	205 2	162734	2
205 2	206 7	162735	2
206 7	208 2	162736	2
208 2	209 7	162737	3
209 7	211 0	162738	2

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (v.N.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING: RECORDED / CORRECTED	AZIMUTH: RECORDED / CORRECTED				SHEET 7 OF 13	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-4	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS POLYMICT	BRECCIA INTENSITY	ALTERATION: KSP	SP	CL	SI	HP	SE	CB	BA	FL	MB	SI	AL	ALTERATION OCCURRENCE	ALTERATION AMOUNT (% / INTENSITY)	MINERALIZATION: PY	po	cp	bo	ma	sz	MINERALIZATION OCCURRENCE	MINERALIZATION AMOUNT
211 0	247 8		BXCL	CHLORITE MATRIX BRECCIA reddish, green and grey fragments angular, although often sheared out and subrounded. Sections of matrix are hematitic (red) rich but most are strong chlorite. Some folding of fragments. Carbonate matrix breccia 245-246m.	211 0	247 8	M	P	5-7	PM 7	M 1-4	M 10					M +r															
247 8	248 4		QCVN	QUARTZ CARBONATE VEIN - intergrowth of white anhedral quartz and dolomite. Some fragments of chlorite altered. Lower contact @70° ca									V 38			V 58																

ASSAY FROM	TO	SAMPLE No.	
211 0	212 5	162739	2
212 5	214 0	162740	3
214 0	215 5	162741	2
215 5	217 0	162742	2
217 0	218 5	162743	<2
218 5	220 0	162744	2
220 0	221 5	162745	5
221 5	223 0	162746	9
223 0	224 5	162747	2
224 5	226 0	162748	4
226 0	227 5	162749	2
227 5	229 0	162750	2
229 0	230 5	162751	<2
230 5	232 0	162752	<2
232 0	233 5	162753	<2
233 5	235 0	162754	<2
235 0	236 5	162755	2
236 5	238 0	162756	<2
238 0	239 5	162757	2
239 5	241 0	162758	<2
241 0	242 5	162759	4
242 5	244 0	162760	3
244 0	245 5	162761	<2
245 5	246 6	162762	2
246 6	247 8	162763	<2
247 8	248 4	162764	3

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING: RECORDED / CORRECTED	AZIMUTH: RECORDED / CORRECTED				SHEET 8 OF 13	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-4	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.		DATE	

FROM	TO	% RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (P/L/T/M/H)	BRECCIA INTENSITY	ALTERATION (OCCURRENCE / AMOUNT 1 IN / INTENSITY 1)	MINERALIZATION (OCCURRENCE / AMOUNT)
248.4	250.1		BXCL	CHLORITE MATRIX BRECCIA - hematitic jasperoid and dolomitic frags	248.4	250.1	M	P	5	HM 2; MN 1/4; MN 9	
250.1	269.0		FALT	FAULT - highly broken and rubbly core. Alternating sequences of Chlorite Breccias and Quartz Carbonate Veins, QCVN are at 252.1-252.3, 252.7-254.7, 255.0-255.2, 256.3-258.0, 259.8-259.9, 260.2-260.6, 260.8-261.7, 261.8-263.3, 264.6-265.2, 266.3-267.0, 267.2-267.9, 268.8-269.0							
				Sections of Chloritic Breccias vary from fg chlorite only to chlorite w/ various fragments. Angles on fractures vary from 40° to 60° to CA w/ some low angles.							
269.0	288.9		BXCL	CHLORITE MATRIX BRECCIA - multiple types of clasts in a chloritic matrix, varying from f-cg angular polymictic to cg. monomictic often within one meter. Also red hematite occurs in small patches and some clasts are altered by chlorite. Increase in dolomitic (white) veinlets and breccia matrices from 281 m			M	P	6	P 1; MN tr; MN 9; P 1; V 2	

ASSAY FROM	TO	SAMPLE No.	
248.4	250.1	162765	<2
250.1	252.1	162766	5
252.1	254.2	162767	74
254.2	255.1	162768	36
255.1	256.3	162769	6
256.3	257.9	162770	24
257.9	258.8	162771	21
258.8	260.3	162772	13
260.3	261.8	162773	13
261.8	263.3	162774	3
263.3	264.6	162775	<2
264.6	265.8	162776	2
265.8	267.4	162777	19
267.4	269.0	162778	31
269.0	270.5	162779	3
270.5	272.0	162780	3
272.0	273.5	162781	3
273.5	275.0	162782	3
275.0	276.5	162783	3
276.5	278.0	162784	2
278.0	279.5	162785	3
279.5	281.0	162786	<2
281.0	282.5	162787	3
282.5	284.0	162788	3
284.0	285.5	162789	11

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED | DATE COMPLETED | CORE SIZE | DIP TESTS (DEPTH; BEARING recorded/corrected; ANGLE recorded/corrected) | PROPERTY | PROJ. No. | M.T.S. No. | GRID NORTH IN A.T.J. TRUE | CONTRACTOR

FIELD COORDINATES | | | | | | SHEET 9 OF 13 | MAGN. DECL. |

LAT. | ELEV. | DIP | LAT. | DEP. | ELEV. | LOGGED BY | SAMPLED BY

DEP. | LENGTH | BEARING | LAT. | DEP. | ELEV. | HOLE No. OL97-4 | DATE

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (ANGULARITY)	BRECCIA INTENSITY	ALTERATION: KH SP CL SI KF SE CB BA PL MS IN AL (OCCURRENCE / AMOUNT (IN / INTENSITY))	MINERALIZATION: PY PO CP bo BA BX (OCCURRENCE / AMOUNT)
269.0	286.9		BxCL	BxCL cont'd							
286.9	291.7		BxCB	CARBONATE MATRIX BRECCIA - white dolomite w/ 1-5 cm angular fragments of maroon, jasperoidal, dolomitic (grey) and chloritic matrix breccia (as fragments)			M	P	2	m/10	
291.7	300.7		BxHM	HEMATITE MATRIX BRECCIA - strong pervasive red hematite and hematite matrix overprinting a chloritic matrix breccia.	291.7	300.7	M	P	5	KH m/5; SP m/fr; CL m/3; SI P/2; CB v/fr	
300.7	331.4		BxCL	CHLORITE MATRIX BRECCIA - fg., grey to green chlorite matrix breccia clasts semi-rounded, largely jasperoid to 303.7. 303.7-309 grey dolomite. Fracture contact @ 30°CA @ 309m w/ largely jasperoidal fragments below, some fragments have been elongated, sheared to 312.2. Pink dolomite w/ fine black banding clasts minor fractures w/ chlorite crenulations folding + rotation of clasts from 312.2 to 315.6 From 315.6 to mostly jasperoid and maroon frags w/ grey dolomite Angular w/ minor rounding, locally pervasive red hematite overall.	300.7	303.7	M	P	6	KH m/2; SP m/fr; CL m/8; SI v/1; CB v/1	f/fr
					303.7	309.0	C	H	1	CL m/5; SI m/½; CB m/2, v/½	
					309.0	312.2	M	P	5	KH m/1; SP m/fr; CL m/7; SI K/+; CB v/fr	
					312.2	315.6	C	H	3	KH m/fr; CL m/3; CB v/2	
					315.6	331.9	M	P	5	KH m/3, P/2; SP h/fr; CL m/5; CB v/1	

ASSAY

FROM	TO	SAMPLE No.	
285.5	286.9	162790	11
286.9	288.4	162791	4
288.4	290.0	162792	14
290.0	291.7	162793	18
291.7	293.2	162794	3
293.2	294.7	162795	3
294.7	296.2	162796	3
296.2	297.7	162797	3
297.7	299.2	162798	3
299.2	300.7	162799	2
300.7	302.2	162800	2
302.2	303.7	162801	2
303.7	305.2	162802	4
305.2	306.7	162803	3
306.7	308.0	162804	3
308.0	309.0	162805	4
309.0	310.6	162806	2
310.6	312.2	162807	3
312.2	313.5	162808	4
313.5	314.5	162809	2
314.5	315.6	162810	3
315.6	317.1	162811	2
317.1	318.6	162812	4
318.6	320.1	162813	5
320.1	321.6	162814	3
321.6	323.1	162815	2

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS	PROPERTY	PROJ. No.	M.T.S. No.	GRID NORTH (M.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH / BEARING RECORDED / BEARING CORRECTED / AZIMUTH RECORDED / AZIMUTH CORRECTED			SHEET 10 OF 13	MAGN. DECL.	
LAT.	ELEV.	DIP		LAT. DEP. ELEV.		HOLE No. OL97-4	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING		LAT. DEP. ELEV.			DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (P/A/V/R/M)	BRECCIA INTENSITY	ALTERATION (MH SP CL SI MF SX CB BA PL PB SI AL; OCCURRENCE; AMOUNT (% / INTENSITY))	MINERALIZATION (py po cp bo ma az; OCCURRENCE; AMOUNT)
300.7	331.9		BXCL	BXCL cont'd							
331.9	353.9		DOLM	DOLOMITE lt purple (hematite) overprint on finely bedded dolomite bedding around 40° to C.A.	331.9	353.9				SP 5; V 1r	
				340.8-340.9 Fault w/ gouge @ 15° to CA							
				342.4-342.9 Fault w/ gouge @ 25° to CA							
353.9	391.8		BXCL	CHLORITE MATRIX BRECCIA - strong hematitic alteration pervasively overprinting a chlorite matrix breccia down to 374m.	353.9	374.0	M	P	5	SP 3; MS 5; PZ	

FROM	TO	SAMPLE No.	
323.1	324.6	162816	2
324.6	326.1	162817	2
326.1	327.6	162818	2
327.6	329.1	162819	2
329.1	330.6	162820	4
330.6	331.9	162821	3
331.9	333.4	162822	3
333.4	334.9	162823	3
334.9	336.4	162824	2
336.4	337.9	162825	2
337.9	339.4	162826	2
339.4	340.9	162827	3
340.9	342.4	162828	3
342.4	343.9	162829	2
343.9	345.4	162830	3
345.4	346.9	162831	2
346.9	348.4	162832	<2
348.4	349.9	162833	2
349.9	351.4	162834	2
351.4	352.9	162835	2
352.9	353.9	162836	5
353.9	355.4	162837	2
355.4	357.9	162838	2
357.9	359.4	162839	<2
359.4	360.9	162840	4
360.9	362.4	162841	2
362.4	363.9	162842	3
363.9	365.4	162843	2

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 11 OF 13	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. OL97-4	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLYMICTIC)	BRECCIA INTENSITY	ALTERATION (NH SP CL SI HF SZ CB BA FL MS BI AL; OCCURRENCE / AMOUNT (IN / INTENSITY))	MINERALIZATION (PY po cp bo ba sz; OCCURRENCE / AMOUNT)
353 9	391 8		BXCL	BXCL cont'd							
				Contact in ground rock (No 4)							
391 8	399 0		BXCB	CARBONATE MATRIX BRECCIA - grey dolomite fragments w/ some rotation. Virtually no matrix. Folding of bedding in some fragments. Lower contact gouge @ 45°ca	391 8	399 0	C	H	1	m 1/2	
399 0	405 1		BXCL	CHLORITE MATRIX BRECCIA - top and bottom of unit are jasperoidal and dolomitic fragment breccias, often small angular clasts. Center is dk grey fg. dolomite w/ chlorite bands. Some hematite.	399 0	405 1	M	P	3	P 1; m 4; tr	

ASSAY FROM	TO	SAMPLE No.	
365 4	366 9	162844	3
366 9	368 4	162845	4
368 4	369 9	162846	6
369 9	371 4	162847	13
371 4	372 9	162848	2
372 9	374 4	162849	6
374 4	375 9	162850	4
375 9	377 4	162851	15
377 4	378 9	162852	8
378 9	380 4	162853	2
380 4	381 9	162854	3
381 9	383 4	162855	3
383 4	384 9	162856	3
384 9	386 4	162857	3
386 4	387 9	162858	2
387 9	389 4	162859	4
389 4	390 9	162860	2
390 9	391 8	162861	3
391 8	393 3	162862	2
393 3	394 8	162863	2
394 8	396 3	162864	3
396 3	397 8	162865	3
397 8	399 0	162866	2
399 0	400 5	162867	2
400 5	402 0	162868	2
402 0	403 5	162869	3
403 5	405 1	162870	2

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 12 OF 13	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-4	LOGGED BY	SAMPLED BY	
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.		DATE		

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLY/MONO)	BRECCIA INTENSITY	ALTERATION: MA	SP	CL	SI	MP	SE	CB	BA	PL	MG	IR	AL	ALTERATION OCCURRENCE / AMOUNT (1/3 / INTENSITY)	MINERALIZATION: py	po	cp	bo	ma	sz	MINERALIZATION OCCURRENCE / AMOUNT
405 1	415 6		BXcB	CARBONATE MATRIX BRECCIA – large angular, slightly rotated clast to small sections of intense brecciation w/ often multiple clast types. Most clasts are massive or banded grey dolomite. Upper contact is a fracture @ 30° to C.A. Lower contact is gradational.	405 1	415 6	C	H(P)	1	P 1		M tr					M 3												
415 6	424 4		BXcL	CHLORITE MATRIX BRECCIA – several sections – top 4m is largely grey dolomite fragments followed by ~5m of jasperoid and hematitic fragments. Lower contact @ 30° C.A	415 6	424 4	C	P	3	P 1		M 2					V 2												
424 4	429 6		BXcB	CARBONATE MATRIX BRECCIA grey dolomite fragments, some chlorite matrix breccia (possibly fragments of breccia). Lower contact is a fracture @ 40° to C.A.	424 4	429 6	C	H	2			M tr					M 10												
429 6	460 0 EOH		BXcL	CHLORITE MATRIX BRECCIA – Most fragments 429.6 – 436.4 are grey dolomite. Fragments from 429.6 – 456.9 are largely red hematite and jasperoid in a fg dk green chloritic matrix	429 6	456 9	M	P	5			M 2	M 5	V tr			M 1	V 1											

ASSAY FROM	TO	SAMPLE No.	
405 1	406 6	162871	3
406 6	408 1	162872	10
408 1	409 6	162873	64
409 6	411 1	162874	29
411 1	412 6	162875	6
412 6	414 1	162876	2
414 1	415 6	162877	2
415 6	417 1	162878	2
417 1	418 6	162879	3
418 6	420 1	162880	48
420 1	421 6	162881	10
421 6	423 1	162882	9
423 1	424 4	162883	7
424 4	425 9	162884	4
425 9	427 4	162885	2
427 4	428 5	162886	74
428 5	429 6	162887	2
429 6	431 1	162888	2
431 1	432 6	162889	6
432 6	434 1	162890	28
434 1	435 3	162891	2
435 3	436 4	162892	3
436 4	437 9	162893	31
437 9	439 4	162894	33
439 4	440 9	162895	11
440 9	442 4	162896	5

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING: RECORDED / CORRECTED	ANGLE: RECORDED / CORRECTED				SHEET 13 OF 13	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-4	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	BRECCIA FRAGS (POLY/MONO)	BRECCIA INTENSITY	ALTERATION (NH SP CL SI KF SE CB BA PL MS ID AL; OCCURRENCE / AMOUNT (1 D / INTENSITY))	MINERALIZATION (py po cp bo mo sz; OCCURRENCE / AMOUNT)
429.6	460.0 EOH		BxCL	BxCL cont'd -							
				456.9 - 460.0 EOH - fg, dk green-grey chlorite - hematite matrix breccia overprinting matrix + clasts	456.9	460.0	M	P	4		
				460.0 m 1509 ft							
				END OF HOLE							
				Tom P. Butler							

ASSAY FROM	TO	SAMPLE No.		
442.4	443.9	162897	3	
443.9	445.4	162898	3	
445.4	446.9	162899	4	
446.9	448.4	162900	4	
448.4	449.9	162901	4	
449.9	451.4	162902	3	
451.4	452.9	162903	9	
452.9	454.4	162904	11	
454.4	455.9	162905	16	
455.9	456.9	162906	21	
456.9	458.5	162907	7	
458.5	460.0	162908	2	
	EOH			

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED: Sept 9/97 | DATE COMPLETED: Sept 9/97 | CORE SIZE: NQ

FIELD COORDINATES

LAT. 80,660N | ELEV. 1155m | DIP −50.5° | DEPTH —
DEP. 7,850W | LENGTH 54.9 m | BEARING 175°

DIP TESTS

DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED
—	NO TESTS			

PROPERTY: OLYMPIC — CASING REMOVED | PROJ. No.: 96% Recovery
LAT. | DEP. | ELEV.
LAT. | DEP. | ELEV.

M.T.S. No. 116B/14 | SHEET 1 OF 1 | HOLE No. OL97-5
GRID NORTH (M.A.G.) TRUE: 355° | MAGN. DECL. 31°E | LOGGED BY Sean P Butler | DATE
CONTRACTOR: BRITTON BROS. | SAMPLED BY AD + AD

FROM	TO	% RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS POLY/MONO	BRECCIA INTENSITY	ALTERATION (NH SP CL SI HF SE CB BA PL MG BI AL GR; OCCURRENCE / AMOUNT (1/8 / INTENSITY))	MINERALIZATION (PY po cp bo mo az; OCCURRENCE / AMOUNT)	ASSAY FROM	ASSAY TO	SAMPLE No.
0 0	12 2		OVBN	OVERBURDEN										
12 2	49 3		DOLM	DOLOMITE - f.g., lt grey dolomite, heavily fractured and healed often ± lt brown(ba)carbonate (ankerite?). This fracturing and healing is surface weathering related. Set of pre-carbonate fractures, thin, various angles of red brown-red hematite. Minor white calcite veinlets. Surface weathering decreases around 37m. Ice was core in the section near 36m	12 2	37 0				f 1/2 ; f 1 ; v tr				
49 3	51 0		TBDL	THIN BEDDED DOLOMITE - f.g. thin beds (~0.5-1 mm) of dk + lt grey dolomite. Graphite on fracture surfaces. Top contact rusty fracture @ 65° to CA. Lower contact rusty fracture @ 80° to CA						v 1 ; f 1				
51 0	52 0		BXCB	CARBONATE MATRIX BRECCIA - rotated fragments of non-graphitic dolomite from above unit, some white dolomite matrix and veinlets. Lower contact is a graphitic fracture @ 35° to CA.	51 0	52 0	C	H	4	m tr ; m 1/2 ; v 1/2				
52 0	54 9 EOH		FALT	FAULT - fault gouge w/ graphite to 53.3. Sandy + gravelly below. Poor core recovery below 52.3	180 ft 54.9m END OF HOLE. Hole shut down due to squeezing ground									

S. P. Butler

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED Sept 10/97	DATE COMPLETED Sept 12/97	CORE SIZE NQ	DIP TESTS				PROPERTY OLYMPIC		PROJ. No.		N.T.S. No. 116 B/14	GRID NORTH (N.A.) TRUE 355°	CONTRACTOR Britton Bros
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED	CASING REMOVED			SHEET 1 OF 1	MAGN. DECL. 31°E	
LAT. 80,625N	ELEV. 1155m	DIP -50°						LAT.	DEP.	ELEV.	HOLE No. OL97-5a	LOGGED BY Sean P. Butler	SAMPLED BY
DEP. 7,865W	LENGTH 21.6m	BEARING 175°						LAT.	DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (MC)	FRAGS (POLYMICTIC)	BRECCIA INTENSITY	ALTERATION: MH SP CL SI HP SZ CB BA PL MG BI AL — OCCURRENCE / AMOUNT (IN / INTENSITY)	MINERALIZATION: py po cp bo mo az — OCCURRENCE / AMOUNT	ASSAY FROM	ASSAY TO	SAMPLE No.
0 0	9 1		OVBN	OVERBURDEN - No CORE RECOVERY										
9 1	21 6		DOLM	DOLOMITE - f.g., lt gray dolomite highly broken rubbly. Very poor core recovery 45cm fr 14.0m and 40cm from 18.6 to 20.7. All other runs w/ no core recovery. Several pieces w/ strong fracture pattern of three intersecting directions spaced 12mm apart. No sulfides seen in recovered core. The ground was squeezing while being drilled and the hole was lost @ 21.6m.										
				END OF HOLE 21.6m 71 ft Sean P. Butler										

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED: Sept 13/97	DATE COMPLETED: Sept 15/97	CORE SIZE: NQ	PROPERTY: OLYMPIC
FIELD COORDINATES			CASING REMOVED
LAT.: 80,550 N	ELEV.: 1155m	DIP: -64°	PROJ. No.:
DEP.: 7850 W	LENGTH: 62.2m	BEARING: 174°	N.T.S. No.: 116B/14
SHEET 1 OF 2	HOLE No.: OL97-56	GRID NORTH (W.R.T.) TRUE: 355°	MAGN. DECL.: 31° E
LOGGED BY: Sean P. Butler	DATE: Sept 17/97	CONTRACTOR: Britton Bros.	SAMPLED BY: SPB/AD+AD

DIP TESTS

DEPTH	BEARING Recorded	BEARING Corrected	ANGLE Recorded	ANGLE Corrected
NO TESTS				

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAG (POLY/MONO)	BRECCIA INTENSITY
0.0	6.1	0%	OVBN	OVERBURDEN – No core recovery					
6.1	8.6		JASP	JASPEROID – heavy epidote alt'n of red jasperoidal material. Lt green-grey amorphous stringers of epidote rich. Lower contact in broken core	6.1	8.6			
8.6	21.4		DOLM	DOLOMITE – f.g. med-dk grey, fractured w/ dolomite and calcite fillings. Trace of f.g. Py in calcite veinlets. Some sections, particularly 15.5 to 17 m are broken ("crackle breccia") w/ carbonate fracture filling. Dissem fg Py + CP from 19 to 20.7 m varying from tr to 2%. Lower contact is first sign of hematitic red bands, increased Py.	8.6	21.4			
21.4	32.8		BXHM	HEMATITE MATRIX BRECCIA – brown red hematitic matrix and fragments. Some sections w/ late stage grey dolomite matrix. 21.4-22.3 is sheared and elongated fragments w/ Py matrix. Fragments - hematitic, dolomite (grey) and minor jasperoidal are generally angular w/ some elongation. Stringers and disseminated Py. Gouge bounded, heavily bleached section 27.0 - 27.2. 50° to CA.	21.4	22.3	M	P	5
					22.3	32.8	M	P	5

ALTERATION / MINERALIZATION (occurrence / amount (% / intensity))

Sub-interval	HM	SP	CL	SI	KF	SE	CB	BA	FL	MS	BI	AL	EP	PY	PO	CP	BO	MO	AZ
6.1–8.6				v / 2			v / tr						v / 10						
8.6–21.4							v / 2							v / tr		v / tr			
21.4–22.3	m / 5									d / 2-3				m / 4		m / tr			
22.3–32.8	m / 5			v / tr			v / 1			d / 1				m / tr-4		m / tr			

ASSAY

FROM	TO	SAMPLE No.	
18.6	19.5	162909	730
19.5	20.4	162910	1651
20.4	21.4	162911	1228
21.4	22.3	162912	766
22.3	23.8	162913	155
23.8	25.3	162914	230
25.3	26.8	162915	47
26.8	28.3	162916	527
28.3	29.8	162917	220
29.8	31.3	162918	1093
31.3	32.8	162919	109

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS	PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH / BEARING RECORDED / BEARING CORRECTED / AZIMUTH RECORDED / AZIMUTH CORRECTED			SHEET 2 OF 2	MAGN. DECL.	
LAT.	ELEV.	DIP		LAT. DEP. ELEV.		HOLE No. OL 97-56	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING		LAT. DEP. ELEV.			DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (MC)	FRAGS (POLYMICTIC)	BRECCIA INTENSITY	ALTERATION: MH SP CL SI HP SK CB BA PL MS BI AL — OCCURRENCE / AMOUNT (1 M / 10 INTENSITY)	MINERALIZATION: py po cp bo as sz — OCCURRENCE / AMOUNT
21 4	32 8		BxHM	BxHM cont'd - f.g. dissem magnetite seams in, and next to hematitic sections. Contact is the gradual reduction in hematite.							
32 8	62 2 (EOH)		BxCB	CARBONATE MATRIX BRECCIA - f.g. dk-med grey dolomitic matrix w/ grey dolomite, hematite and jasperoidal fragments. This unit is heavily broken (fractured) w/ ground core in sections and gouge in others. 2cm gouge @ 40° to CA @ 44S and 2cm @ 60° @ 48 plus mod broken gouge to 46.2m Large shear zone extending down to 48m and probably related to the shear zone below 50m. Sections w/ core loss are common from 40 to 62.2 (EOH) especially 57 to 60m.			M	P	3	m/1 n/2 m/5	
				204 ft 62.2m							
				END OF HOLE							
				from P Butler							
				Hole shut down due to squeezing ground							

ASSAY FROM	TO	SAMPLE No.	
32 8	34 3	162920	87
34 3	35 8	162921	69
35 8	37 3	162922	45
37 3	38 8	162923	178
38 8	40 3	162924	88
40 3	41 8	162925	29
41 8	43 3	162926	274
43 3	44 8	162927	152
44 8	46 3	162928	227
46 3	47 8	162929	310
47 8	49 3	162930	46
49 3	50 8	162931	25
50 8	52 3	162932	31
52 3	53 8	162933	36
53 8	55 3	162934	19
55 3	56 8	162935	38
56 8	58 3	162936	174
58 3	59 8	162937	186
59 8	61 0	162938	232
61 0	62 2	162939	194

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED: Sept 16/97	DATE COMPLETED: Sept 22/97	CORE SIZE: NQ	PROPERTY: OLYMPIC
FIELD COORDINATES			CASING REMOVED
LAT. 80,385N	ELEV. 1153 m	DIP -60°	PROJ. No.: 95% RECOVERY
DEP. 7,795W	LENGTH 371.9	BEARING 330°	N.T.S. No. 116 B/14
SHEET 1 OF 9	HOLE No. OL97-5C	GRID NORTH (N.A.T.) TRUE 355°	MAGN. DECL. 31° E
LOGGED BY Sean P Butler	DATE	CONTRACTOR Britton Bros	SAMPLED BY SPB/AD+AD

DIP TESTS

DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED
61.0	ACID	–	–	-60°
121.9	ACID	–	–	-60°

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAG (POLY/MONO)	BRECCIA INTENSITY	ALTERATION SI	ALTERATION CB	ALTERATION MG	MINERALIZATION PY
0.0	6.1		OVBN	OVERBURDEN No core recovered									
6.1	98.7		SDOL	SILICIFIED DOLOMITE - mottled grey/creamy white, f.g., dolomite fragments w/ creamy white matrix. Predominantly silica with some dolomitic matrix. The fragments are largely bleached. Several sections are silicified hematite red including 6.1-7.6, 26.7-27.2, 42.1-42.8, 51.9-53.0, 69.3-72.5. Some pyrite seen in very small amounts in matrix.	6.1	70.0	M	H	7	M 70 / v 1/2	m 10 / v 1/2	f tr	m tr

ASSAY

FROM	TO	SAMPLE No.	
6.1	7.6	162940	32
7.6	9.1	162941	15
9.1	10.6	162942	9
10.6	12.1	162943	11
12.1	13.6	162944	39
13.6	15.1	162945	7
15.1	16.6	162946	11
16.6	18.1	162947	11
18.1	19.6	162998	13
19.6	21.1	162949	5
21.1	22.6	162950	13
22.6	24.1	162951	11
24.1	25.6	162952	11
25.6	27.1	162953	4
27.1	28.6	162954	10
28.6	30.1	162955	11
30.1	31.6	162956	22
31.6	33.1	162957	9
33.1	34.6	162958	12
34.6	36.1	162959	14
36.1	37.6	162960	22
37.6	39.1	162961	18
39.1	40.6	162962	10
40.6	42.1	162963	37
42.1	43.6	162964	16
43.6	45.1	162965	12
45.1	46.6	162966	21
46.6	48.1	162967	8

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED			SHEET 2 OF 9	MAGN. DECL.	
LAT.	ELEV.	DIP	182.9	AC1D	—	—	-39°	LAT.	DEP.	HOLE No. OL97-5c	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING	243.8	AC1D	—	—	-59°	LAT.	DEP.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	PHASE (POLY/MONO)	BRECCIA INTENSITY	ALTERATION: KM SP CL SI KF SE CB BA PL MB BI AL GR — OCCURRENCE / AMOUNT (%/INTENSITY)	MINERALIZATION: PY PO CP — OCCURRENCE / AMOUNT: BO MO GZ CC
61	99 7		SDOL	SDOL cont'd							
				69.3-72.5 - red silicified hematite w/ magnetite on fractures.							
					70 0	98 7				M 70 / M 10 / F tr / sm tr / ✓ tr / ✓ tr	
				Traces of Graphite on some of the fractures.							
				Veinlet w/ coarse CP and possibly f.g. chalcocite? 87.5							

ASSAY FROM	TO	SAMPLE No.	
48 1	49 6	162968	21
49 6	51 1	162969	14
51 1	52 6	162970	18
52 6	54 1	162971	19
54 1	55 6	962972	6
55 6	57 1	162973	13
57 1	58 6	162974	11
58 6	60 1	162975	5
60 1	61 6	162976	3
61 6	63 1	162977	2
63 1	64 6	162978	9
64 6	66 1	162979	6
66 1	67 6	162980	9
67 6	69 1	162981	14
69 1	70 6	162982	81
70 6	72 1	162983	148
72 1	73 6	162984	83
73 6	75 1	162985	13
75 1	76 6	162986	62
76 6	78 1	162987	6
78 1	79 6	162988	17
79 6	81 1	162989	5
81 1	82 6	162990	15
82 6	84 1	162991	56
84 1	85 6	162992	26
85 6	87 1	162993	25
87 1	88 6	162994	106
88 6	90 1	162995	20
90 1	91 6	162996	10
91 6	93 1	162997	10

DGS Aug/97

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 3 OF 9	MAGN. DECL.	
LAT.	ELEV.	DIP	304.8	AC 10	—	—	-58°	LAT. DEP.	ELEV.	HOLE No. OL97-5c	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING	365.8	DRILLERS BROKE TEST TUBE				LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT M/C	FRAGS POLYMICTIC	BRECCIA INTENSITY	ALTERATION (NH, SP, CL, SI, HF, SE, CB, BA, PL, MS, SI, KF, EP; OCCURRENCE; AMOUNT (% / INTENSITY))	MINERALIZATION (py, po, cp, bo, as, sz; OCCURRENCE; AMOUNT)
6 1	98 7		SDOL	SDOL cont'd lower contact is decrease in silica alteration.							
98 7	135 8		SILT	DARK GREY SILTSTONE - f.g., dk grey to black thinly bedded siltstone, no visible sulfides, except trace Py on fract. Weak dolomitic composition. Banding @ 30° to CA. Banding offset on fractures. Occasional fragment rotation esp near 111.8. Gouge 5-8cm @ 111.8 @ 35° to CA. Increased quartz-carbonate veinlets below 111.8m. Traces of graphite on some fractures. Yellowish epidote on some fractures.	98 7	111 8				SI: V/1; CB: V/2; KF: f/tr, EP: f/tr, f/¼, f/tr	
				Bedding disrupted and contorted as 120.2 is approached. Some frags rotated	111 8	120 2				SI: V/2; CB: V/2; KF: f/tr, EP: f/½, f/tr	
				120.2-122.4 - bleaching, lt grey-green, some relict bedding 50° to CA. Some veinlets ½-1 cm wide.	120 2	122 4				SI: V/½, P/tr; CB: V/1; EP: P/1	
				Graphitic fracture w/ gouge @ 45° to CA @ 122.4m. Some brecciation to 126m.	122 4	135 8				SI: V/1; CB: V/2; KF: f/1-2	
				Fracture @ 128.2 w/ black metallic mineral "chalcocite"? like							
				Brecciation 132.7 to 133.2							

ASSAY FROM	TO	SAMPLE No.	
93 1	94 6	162998	6
94 6	96 1	162999	6
96 1	97 6	163000	12
97 6	98 7	163001	13
98 7	100 2	163002	164
100 2	101 7	163003	33
101 7	103 2	163004	13
103 2	104 7	163005	18
104 7	106 2	163006	48
106 2	107 7	163007	23
107 7	109 2	163008	113
109 2	110 7	163009	19
110 7	111 8	163010	19
111 8	113 3	163011	24
113 3	114 8	163012	26
114 8	116 3	163013	51
116 3	117 8	163014	15
117 8	119 0	163015	15
119 0	120 2	163016	21
120 2	121 3	163017	5
121 3	122 4	163018	12
122 4	123 9	163019	59
123 9	125 4	163020	22
125 4	126 9	163021	17
126 9	128 4	163022	15
128 4	129 9	163023	21
129 9	131 4	163024	33
131 4	132 9	163025	10
132 9	134 4	163026	38

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED		SHEET 4 OF 9	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-5c	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	BRECCIA (P/A/M/N)	BRECCIA INTENSITY	ALTERATION (NH SP CL SI KF SE CB BA PL MB SI AL GR) OCCURRENCE / AMOUNT (CM / INTENSITY)	MINERALIZATION (py po cp bo ga bz) OCCURRENCE / AMOUNT
98 7	135 8		SILT	SILT cont'd Lower contact is a gradual increase is pervasive silica.							
135 8	143 7		SDOL	SILICIFIED DOLOMITE - f.g. cream white silica, some similar dolomite forming matrix of multi colored (white, green + red) silicified fragments. Some Py in qtz veinlets. Lower contact - black gouge 3cm @ 40° C.A.	135 8	143 7	M	P	5	SI: M 30, P 3; CB: m 5	
143 7	151 1		SILT	SILTSTONE - f.g. grey + black beds. Low angle (5°-15° C.A.) w/ graphite on the surface. Highly broken in these areas. Lower contact is the gradual increase in silica. Banding @ various angles due to folding.	143 7	151 1				SI: P 1, V 1; CB: V 1; GR: f 1-2; py: f 1/4	
151 1	255 8		SDOL	SILICIFIED DOLOMITE - f.g. lt grey mottled texture w/ creamy white quartz-carbonate veinlets w/ strong pervasive silicification of the dolomite. Traces of graphite on fractures near the top of the unit. This is a brittle and highly fractured unit	151 1	200 6				SI: V 5, P 3; CB: V 5; GR: f 1/2; py: f 1/2	

ASSAY FROM	TO	SAMPLE No.	
134 4	135 8	163027	54
135 8	137 3	163028	26
137 3	138 8	163029	12
138 8	140 3	163030	20
140 3	141 8	163031	36
141 8	142 8	163032	69
142 8	143 7	163033	81
143 7	145 2	163034	102
145 2	146 7	163035	115
146 7	148 2	163036	411
148 2	149 7	163037	42
149 7	151 1	163038	28
151 1	152 6	163039	9
152 6	154 1	163040	5
154 1	155 6	163041	14
155 6	157 1	163042	8
157 1	158 6	163043	15
158 6	160 1	163044	12
160 1	161 6	163045	19
161 6	163 1	163046	13
163 1	164 6	163047	19
164 6	166 1	163048	15
166 1	167 6	163049	10

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (N.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED		SHEET 5 OF 9	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-5c	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAME (P/V/M/G)	BRECCIA INTENSITY
151 1	255 8		SDOL	SDOL cont'd					
				Minor "Brick Red" hematite 188-194 fragments + "veinlets"					
				Some broken core - fractures of gouge 192.5-194 20°CA					
				Open (1-2cm) fractures in matrix (silica) and fragments often @ 35°CA.					
				Bands of silicified hematite red alteration	200 6	219 2	M	P	2
				200.6 to Some hematite & dolomite fragments - angular in silica matrix					

ALTERATION														MINERALIZATION						
HM	SP	CL	SI	KF	SE	CB	BA	PL	MS	EP	AL	CL		PY	PO	CP	bo	mb	GZ	
													OCCURRENCE						OCCURRENCE	
													AMOUNT (R/INTENSITY)						AMOUNT	
			P 3										f tr	f tr						
			V 2																	
			S M 7-9																	

ASSAY FROM	TO	SAMPLE No.	
167 6	169 1	163050	7
169 1	170 6	163051	4
170 6	172 1	163052	5
172 1	173 6	163053	3
173 6	175 1	163054	3
175 1	176 6	163055	2
176 6	178 1	163056	4
178 1	179 6	163057	5
179 6	181 1	163058	4
181 1	182 6	163059	7
182 6	184 1	163060	7
184 1	185 6	163061	6
185 6	187 1	163062	9
187 1	188 6	163063	9
188 6	190 1	163064	9
190 1	191 6	163065	18
191 6	193 1	163066	4
193 1	194 6	163067	5
194 6	196 1	163068	5
196 1	197 6	163069	6
197 6	199 1	163070	9
199 1	200 6	163071	7
200 6	202 1	163072	26
202 1	203 6	163073	19
203 6	205 1	163074	12
205 1	206 6	163075	17
206 6	208 1	163076	6
208 1	209 6	163077	25
209 6	211 1	163078	5
211 1	212 6	163079	14

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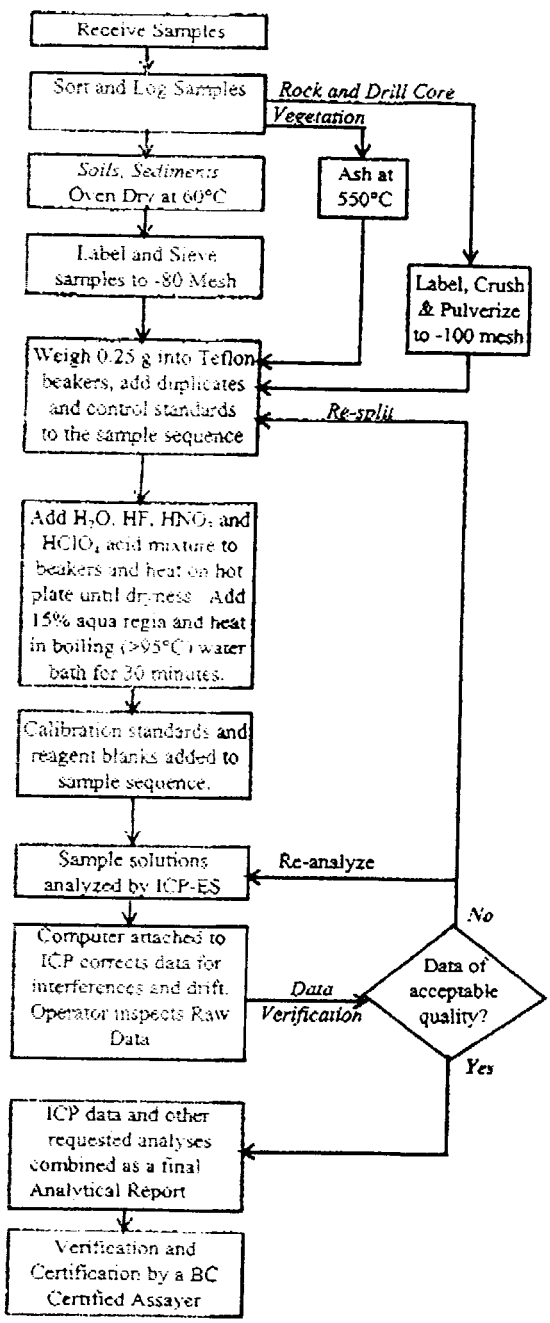
METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 1E - 35 ELEMENT ICP BY 4 ACIDS

Analytical Process



Comments

Sample Preparation

Soils and sediments are dried (60°C) and sieved to -80 mesh (-177 microns), rocks and drill core are crushed and pulverized to -100 mesh (-150 microns). Moss-mat samples are dried (60°C), pounded then sieved to recover -80 mesh sediment or samples can be ashed (550°C) on the client's request. Sample splits (0.25 g) are placed in Teflon beakers. Duplicate splits of crushed (rejects) and pulverized (pulp) fractions are included with every 34 rock samples to define sample homogeneity (reject split) and analytical precision (pulp split). Duplicate pulp splits are included in each batch of 34 soil or sediment samples. A blank and standard STD C are included in each batch of samples to monitor accuracy.

Sample Digestion

The 4-Acid solution (18:10:3:6 demineralized H_2O, ACS grade HF, ACS grade $HClO_4$, and ACS grade HNO_3) is added to each sample then heated to fuming on a hot plate and taken to dryness. The residue is dissolved in diluted (15%) aqua regia (3:1:2 ACS grade HCl, HNO_3 and demineralized H_2O) heated in a boiling water (>95°C) bath for 30 minutes.

Sample Analysis

Sample solutions are aspirated into and ICP emission spectrograph (Jarrel Ash AtomComp model 800 or 975) for the determination of 35 elements comprising: Ag, Al, As, Au, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Sb, Sc, Sn, Sr, Th, Ti, U, V, W, Y, Zn and Zr.

Data Evaluation

Raw and final data from the ICP-ES undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

ACME
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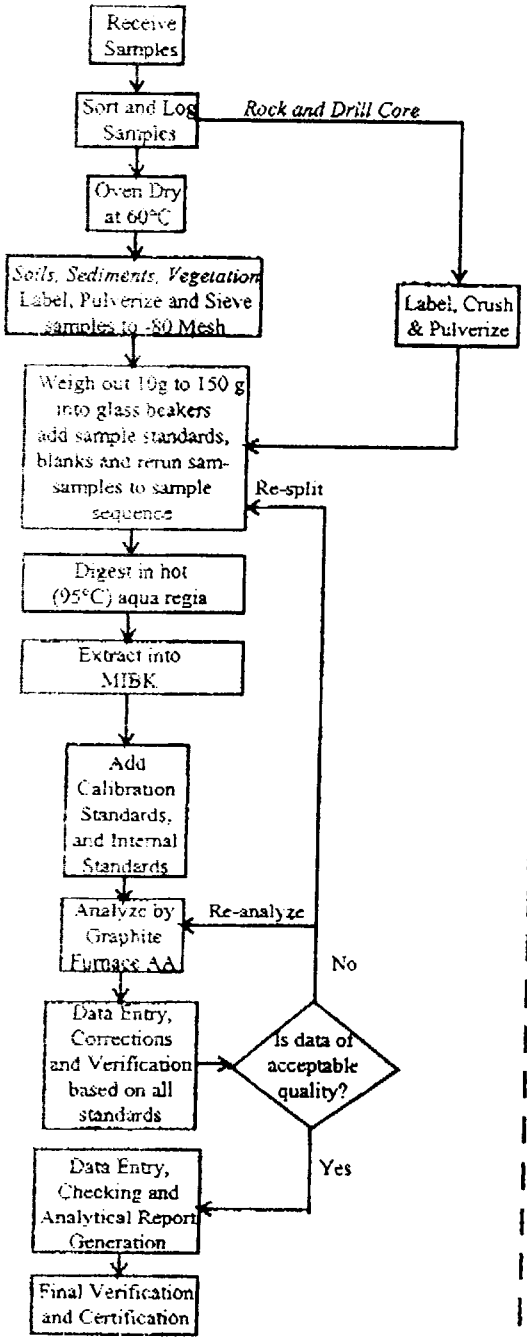
METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 3A - AU BY WET EXTRACTION

Analytical Process



Comments

Sample Preparation

Soils and sediments are dried (60°C) and sieved to -80 mesh (-177 microns), rocks and drill core are crushed and pulverized to -100 mesh (-150 microns). Plant samples are dried (60°C) and pulverized or ashed (550°C). Sediment in moss mats is recovered by disaggregation then sieved to -80 mesh. A precise quantity of the fine fraction (client may select from 10 g to 150 g sample weights) is weighed. In every analytical batch (34 samples) a duplicate split is added from a randomly selected sample to monitor precision. Reference materials (in-house control standards) are also added to each batch to monitor accuracy.

Sample Digestion and Extraction

Aqua Regia is a 3:1:2 mixture of ACS grade conc. HCl, conc. HNO_3 and demineralized H_2O. Aqua Regia is added to each sample and to the empty reagent blank test tube in each batch of samples. Sample solutions are heated for 1 hr in a boiling hot water bath (95°C). After cooling, MIBK is added and the samples are shaken to extract Au into the MIBK phase.

Sample Analysis

Sample extracts are aspirated into a graphite furnace AAS (Varian model SpectrAA 10Plus) for the determination of Au.

Data Evaluation

Raw and final data from the undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

Document: meth3A.doc	Date: January 31, 1997	Prepared By: J. Gravel

APPENDIX II
ANALYSIS SHEETS AND ANALYTICAL METHODS

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 6 OF 9	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. OL97-5c	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLYMICTIC)	BRECCIA INTENSITY	ALTERATION: NH SP CL SI AF SC CB BA FL MS SI AL — OCCURRENCE / AMOUNT (1 IN / INTENSITY)	MINERALIZATION: py po cp bo ma sz — OCCURRENCE / AMOUNT
151 1	255 8		SDOL	SDOL contd							
					219 2	255 8	M	P	4	P 1; M 30; P 3; M 2	f fr
				226.6 - 234.0 - Hematite and jasperoid fragments in a silica matrix							
				Highly broken 248 - 252							
				Hematite(red) rich 254.0 - 254.6 Lower contact is 3cm gouge (black) @ 65° to C.A.							

ASSAY FROM	TO	SAMPLE No.	
212 6	214 1	163084	7
214 1	215 6	163085	5
215 6	217 1	163086	10
217 1	218 6	163087	6
218 6	220 1	163088	5
220 1	221 6	163089	5
221 6	223 1	163090	8
223 1	224 6	163091	7
224 6	226 1	163092	6
226 1	227 6	163093	33
227 6	229 1	163094	23
229 1	230 6	163095	7
230 6	232 1	163096	27
232 1	233 6	163097	17
233 6	235 1	163098	7
235 1	236 6	163099	4
236 6	238 1	163100	20
238 1	239 6	163101	3
239 6	241 1	163102	45
241 1	242 6	163103	19
242 6	244 1	163104	7
244 1	245 6	163105	12
245 6	247 1	163106	10
247 1	248 6	163107	4
248 6	250 1	163108	6
250 1	251 6	163109	6
251 6	253 1	163110	4
253 1	254 6	163111	23
254 6	255 8	163112	12

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 7 OF 9	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. DC97-5c	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	PHASE (P/H/M)	BRECCIA INTENSITY	ALTERATION: NH	BP	CL	SI	KF	SE	CO	BA	PL	MG	EP	AL	OCCURRENCE	AMOUNT (IN / INTENSITY)	MINERALIZATION: PY	PO	CP	bo	ma	az	OCCURRENCE	AMOUNT
255 8	263 2		SILT	SILTSTONE - f.g., dk grey to black, bonded, often veinletted, occasionally brecciated w/ quartz-carb matrix. Some sections of gouge are seen parallel and sub-parallel to bedding. Bedding @ approx 50° to CA. Some silicification. Coarse contact w/ dolo	255 8	263 2	M	H	1				M 5 V 5				V 1															
263 2	306 7		SDOL	SILICIFIED DOLOMITE - fragments of angular grey dolomite w/ sections of red hematite, both fragments and pervasive alteration. Some traces of f.g. pyrite and chalcopyrite often on fractures and more common near hematite. Hematite is common to 263.2-274. Heavily broken core to 271	263 2	306 7	M	P	5	P 1			M 5 P 2 V 2				V 1								f fr		f tr							
				Hematite common 281.5 to 290.5. Low angle faults w/ gouge ~10° to CA. 284.5 to 288																													
				Rubbly broken core, some gouge 293 to 299 - major core loss 293 to 294.																													

ASSAY FROM	TO	SAMPLE No.	
255 8	257 3	163109	5
257 3	258 8	163110	54
258 8	260 3	163111	18
260 3	261 8	163112	14
261 8	263 2	163113	40
263 2	264 7	163114	35
264 7	266 2	163115	32
266 2	267 7	163116	20
267 7	269 2	163117	19
269 2	270 7	163118	6
270 7	272 2	163119	111
272 2	273 7	163120	13
273 7	275 2	163121	13
275 2	276 7	163122	7
276 7	278 2	163123	22
278 2	279 7	163124	4
279 7	281 2	163125	3
281 2	282 7	163126	16
282 7	284 2	163127	9
284 2	285 7	163128	19
285 7	287 2	163129	57
287 2	288 7	163130	57
288 7	290 2	163131	10
290 2	291 7	163132	15
291 7	293 2	163133	13
293 2	294 7	163134	28

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 8 OF 9	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. OC97-5c	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (MYO)	FRAGS (POLYMICTIC)	BRECCIA INTENSITY	ALTERATION: MH SP CL SI KF SE CB BA PL MS BI AL — OCCURRENCE / AMOUNT (IN % / INTENSITY)	MINERALIZATION: py po cp bo sp gz — OCCURRENCE / AMOUNT
263.2	306.7		SDOL	SDOL cont'd							
				Some graphite on fractures near 299							
				Highly broken rubbly w/ some gouge, contact is gradational? in drill							
306.7	328.8		LMST	LIMESTONE - lt grey - creamy white f.g. limestone w/ minor qtz + dolomite veinlets, some pervasive red hematite in sections Traces of chlorite on fractures	306.7	328.8				P 1; F 1/2; V 2; V 1	F tr
				311.3 to 314.8 section of pervasive hematite alt'n minor limestone. Also 315.8 - 316.1							
				lower contact is irregular shaped increase in hematite							
328.8	365.5		HMLS	HEMATITE ALTERED LIMESTONE - white limestone (306.7 - 328.8) w/ strong pervasive alteration of red hematite w/ fracture fillings of Py + CP (1/4% or less)	328.8	365.5				P 5; F 1/4; V 1; V 1	F 1/4; F tr

ASSAY FROM	TO	SAMPLE No.	
294.7	296.2	163135	24
296.2	297.7	163136	35
297.7	299.2	163137	34
299.2	300.7	163138	32
300.7	302.2	163139	22
302.2	303.7	163140	22
303.7	305.2	163141	6
305.2	306.7	163142	22
306.7	308.2	163143	18
308.2	309.7	163144	12
309.7	311.2	163145	17
311.2	312.6	163146	20
312.6	314.1	163147	51
314.1	315.6	163148	79
315.6	317.1	163149	13
317.1	318.6	163150	6
318.6	320.1	163151	14
320.1	321.6	163152	10
321.6	323.1	163153	6
323.1	324.7	163154	9
324.7	326.1	163155	8
326.1	327.4	163156	18
327.4	328.8	163157	9
328.8	330.3	163158	96
330.3	331.8	163159	59
331.8	333.3	163160	37
333.3	334.8	163161	106
334.8	336.3	163162	62

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (N/AT.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AMBLE RECORDED	AMBLE CORRECTED			SHEET 9 OF 9	MAGN. DECL.
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-5c	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (PR/Y/RND)	BRECCIA INTENSITY	ALTERATION: MH, SP, CL, SI, HP, SE, CB, BA, PL, MS, SI, AL — OCCURRENCE / AMOUNT (1/3 / INTENSITY)	MINERALIZATION: py, po, cp, bo, ma, sz — OCCURRENCE / AMOUNT
328.8	365.5		HMLS	HMLS cont'd							
				Section ~1/ less pervasive hematite							
				alt'n from 336.5 to 339.5							
				Increased py on fractures 340 - 342							
				Relatively unaltered limestone							
				361.0 to 362.2							
365.5	371.9		DOLM	DOLOMITE - highly broken	365.5	371.9				f tr; P 2-3 3; V 1	f tr
	(EOH)			(faulted) unit that is composed							
				of white and dk green (chlorite							
				altered) dolomite. Core lossed							
				throughout the unit in							
				rubbly broken zones.							
				Hole lost in fault @ 1220'							
				END OF HOLE							
				371.9 m 1220 feet							

Aaron P. Bullock

ASSAY FROM	TO	SAMPLE No.	
336.3	337.8	163163	44
337.8	339.3	163164	34
339.3	340.8	163165	99
340.8	342.3	163166	84
342.3	343.8	163167	100
343.8	345.3	163168	62
345.3	346.8	163169	61
346.8	348.3	163170	68
348.3	349.8	163171	48
349.8	351.3	163172	40
351.3	352.8	163173	13
352.8	354.3	163174	32
354.3	355.8	163175	48
355.8	357.3	163176	30
357.3	358.8	163177	26
358.8	360.3	163178	20
360.3	361.8	163179	35
361.8	363.3	163180	26
363.3	364.8	163181	44
364.8	365.5	163182	62
365.5	367.1	163183	20
367.1	368.6	163184	14
368.6	370.0	163185	20
370.0	371.9	163186	11

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED Sept 23/97	DATE COMPLETED	CORE SIZE NQ	PROPERTY OLYMPIC
FIELD COORDINATES			CASING LEFT
LAT. 80,425 N	ELEV. 1160	DIP -60°	PROJ. No.
DEP. 7,200 W	LENGTH 333.5	BEARING 325°	88% RECOVERY
N.T.S. No. 116 B/14	GRID NORTH W.R.T. TRUE 355°	CONTRACTOR Britton Bros	SHEET 1 OF 7
MAGN. DECL. 31°	HOLE No. OL97-6	LOGGED BY Sean P Butler	SAMPLED BY SPB/AD+AD
DATE			

DIP TESTS

DEPTH	BEARING Recorded	BEARING Corrected	ANGLE Recorded	ANGLE Corrected
61.0	Acid	--	—	-60°
121.9	Acid	—	—	-59°

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	ALTERATION HM	ALTERATION SI	ALTERATION SE	ALTERATION CB	MINERALIZATION py	MINERALIZATION cp
0.0	9.1	0	OVBN	OVERBURDEN - No core recovered								
9.1	63.0		SILT	SILTSTONE - grey + black irregularly	9.1	13.4	f / tr	v / tr		v / 1		
				banded (distorted, folded and disrupted	13.4	15.6			p / 5	v / 1		
				bedding) with angles varying from	15.6	23.1		v		v / 1-2		
				about 20° to 55° to CA. 13.4 to	23.1	27.1	f / tr	v / tr	p / 1-2			
				15.6 is pervasive massive green	27.1	50.2	f / tr	v / tr	f / tr	v / 1-2		
				sericite alteration.	50.2	63.0	f	v / 1	f / tr	v / 3	v / 1/4	
				20.6 to 21.1 is mostly broken fault				p / 1				
				@ 45° to C.A.								
				f... ... fractures near 26 + 27m								
				Bleaching and sericite alt'n 23.1 - 27.1								
				27.2 to 29.6 FAULT - 45° to CA								
				rubble + gouge.								
				37.5 to 39.0 - rubbly core								
				48.4 Bedding @ 42° to C.A.								
				Gouge @ 45° to CA @ 52.6-52.7m								
				Increased silica w/ pyrite in								
				veinlets and pervasively, brown calcite								
				occurs in veinlets and irregular								
				fillings.								
63.0	154.5		SDOL	SILICIFIED DOLOMITE - creamy	63.0	96.0		v / 5		v / 3	v / 1/4	v / tr
				white siliceous (chert like) w/ white				p / 6				
				dolomitic fragments and veinlets.								
				Quartz veinlets at various different								
				angles. Brown calcite (calcite +								
				hematite??) on fractures and								
				filling vugs. Occassional								
				euhedral pyrite in veins, minor								

ASSAY

FROM	TO	SAMPLE No.	
54.0	55.5	163187	46
55.5	57.0	163188	101
57.0	58.5	163189	66
58.5	60.0	163190	80
60.0	61.5	163191	390
61.5	63.0	163192	494
63.0	64.5	163193	139
64.5	66.0	163194	28
66.0	67.5	163195	19
67.5	69.0	163196	33
69.0	70.5	163197	147
70.5	72.0	163198	113
72.0	73.5	163199	38
73.5	75.0	163200	133

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 2 OF 7	MAGN. DECL.	
LAT.	ELEV.	DIP	182.9	ACID	–	–	-58°	LAT. DEP.	ELEV.	HOLE No. OL97-6	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING	243.8	ACID	–	–	-58°	LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	PHASES (PLY/PHR)	BRECCIA INTENSITY
63 0	159.5		SDOL	SDOL cont'd					
				chalcopyrite on qtz fractures					
				Incr carbonate brown calcite 79.0-96.0					
				86.5 2 cm wide qtz-carb vein let w/ cp + malachite					
				91.6 1 cm wide fracture w/ cp and malachite in qtz-carb.					
				96.0 Fragments of altered ? hematite - ankerite in a siliceous matrix, some siliceous fragments Hematite ~ 40% of overall unit. Low angle fractures w/ cp and common 107 to 114 m	96.0	127.0	M	P	4

ALTERATION: MM SP CL SI HF SE CB BA PL MG BI AL — OCCURRENCE — AMOUNT (M/I/INTENSITY)

MINERALIZATION: py po cp bo ma az — OCCURRENCE — AMOUNT

ASSAY FROM	TO	SAMPLE No.	
75 0	76 5	163201	78
76 5	78 0	163202	111
78 0	79 5	163203	389
79 5	81 0	163204	214
81 0	82 5	163205	449
82 5	84 0	163206	87
84 0	85 5	163207	53
85 5	87 0	163208	158
87 0	88 5	163209	13
88 5	90 0	163210	16
90 0	91 5	163211	49
91 5	93 0	163212	598
93 0	94 5	163213	147
94 5	96 0	163214	122
96 0	97 5	163215	192
97 5	99 0	163216	50
99 0	100 5	163217	65
100 5	102 0	163218	58
102 0	103 5	163219	78
103 5	105 0	163220	45
105 0	106 5	163221	148
106 5	108 0	163222	385
108 0	109 5	163223	185
109 5	111 0	163224	301
111 0	112 5	163225	408
112 5	114 0	163226	706
114 0	115 5	163227	529
115 5	117 0	163228	198
117 0	118 5	163229	368
118 5	120 0	163230	238

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED			SHEET 3 OF 7	MAGN. DECL.	
LAT.	ELEV.	DIP	304.8	Acid	–	–	-57°	LAT. DEP.	ELEV.	HOLE No. OL97-6	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLY/MONO)	BRECCIA INTENSITY	ALTERATION: HM SP CL SI KF SZ CB BA PL MG BI AL (OCCURRENCE / AMOUNT (S) / INTENSITY)	MINERALIZATION: py po cp bo mo bz (OCCURRENCE / AMOUNT)
63.0	154.5		SDOL	SDOL rock							
					127.0	154.5	M	P	3	M Zn / M S	f fr / f fr
				Several altered fragments of red jasperoidal material							
				137. - Increasing hematite fragments							
				Fragments of bedded sediments 151 to 153 Irregular fracture @ ~ 80° (a) L. Hastings of unit from ~ 153 to 154.5							
154.5	223.4		DOLM	DOLOMITE - fine, ll grey w/ dark grey bands. Cross cut by white dolomite veinlets at various angles Sections of fractured and broken core.	154.5	223.4				1/2 / 2	f fr

ASSAY FROM	TO	SAMPLE No.	
120.0	121.5	163231	101
121.5	123.0	163232	182
123.0	124.5	163233	185
124.5	126.0	163234	163
126.0	127.5	163235	200
127.5	129.0	163236	136
129.0	130.5	163237	126
130.5	132.0	163238	260
132.0	133.5	163239	254
133.5	135.0	163240	420
135.0	136.5	163241	80
136.5	138.0	163242	161
138.0	139.5	163243	138
139.5	141.0	163244	170
141.0	142.5	163245	140
142.5	144.0	163246	411
144.0	145.5	163247	377
145.5	147.0	163248	212
147.0	148.5	163249	241
148.5	150.0	163250	197
150.0	151.5	163251	96
151.5	153.0	163252	356
153.0	154.5	163253	396
154.5	156.0	163254	405
156.0	157.5	163255	206
157.5	159.0	163256	37
159.0	160.5	163257	88
160.5	162.0	163258	10
162.0	163.5	163259	60

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED			SHEET 4 OF 7	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. 0197-6	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION
154.5	223.4		DOLM	DOLM cont'd
				Rare fractures w/ chalcopyrite above the sharp
				1.0 unit is crossbedded and often mottled
				and distorted.
				Chalcopyrite is often
				on open space filling
				fractures w/ drusy quartz
				carbonate (ie; late stage)

SUB-INTERVAL: FROM | TO | BRECCIA SUPPORT (M/C) | FRAGS (POLYMICTIC) | BRECCIA INTENSITY

ALTERATION — OCCURRENCE / AMOUNT (%/INTENSITY): MM | SP | CL | SI | KF | SE | CB | BA | PL | MB | BI | AL

MINERALIZATION — OCCURRENCE / AMOUNT: PY | PO | CP | bo | ma | az

ASSAY FROM	TO	SAMPLE No.	
163.5	165.0	163266	31
165.0	166.5	163267	17
166.5	168.0	163268	102
168.0	169.5	163263	17
169.5	171.0	163264	55
171.0	172.5	163265	161
172.5	174.0	163266	10
174.0	175.5	163267	8
175.5	177.0	163268	45
177.0	178.5	163269	12
178.5	180.0	163270	25
180.0	181.5	163271	64
181.5	183.0	163272	21
183.0	184.5	163273	24
184.5	186.0	163274	944
186.0	187.5	163275	91
187.5	189.0	163276	45
189.0	190.5	163277	27
190.5	192.0	163278	13
192.0	193.5	163279	5
193.5	195.0	163280	8
195.0	196.5	163281	17
196.5	198.0	163282	80
198.0	199.5	163283	84
199.5	201.0	163284	24
201.0	202.5	163285	25
202.5	204.0	163286	31
204.0	205.5	163287	18
205.5	207.0	163288	11
207.0	208.5	163289	4

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED			SHEET 5 OF 7	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. OL97-6	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLY/MONO)	BRECCIA INTENSITY	ALTERATION: NH SP CL SI HP SE CB BA PR MS BI AL FP (OCCURRENCE / AMOUNT (% / INTENSITY))	MINERALIZATION: py po cp bo ga sz (OCCURRENCE / AMOUNT)
154.5	223.4		DOLM	DOLM cont'd							
				Lower contact @ 65° on fracture							
223.4	226.7		ANDS	ANDESITE - f.g., lt green andesite dyke w/ qtz + carb veinlets minor hematite in veinlet c. Intrusive contact @ 60° to C.A	223.4	226.7				NH v ½; CL v ¼; CB v 2	
226.7	246.4		BXCL	CHLORITE MATRIX BRECCIA - f.g., maroon sediment fragments w/ rounding and elongation in a chlorite matrix, ½% [illegible] in the matrix. Rubbly ground section 239.5-239.7	226.7	246.4	C	P	5	CL m ½; CB v 1; FP f tr; m ½	
				Lower contact in broken core no angle							

ASSAY FROM	TO	SAMPLE No.	
208.5	210.0	163290	16
210.0	211.5	163291	12
211.5	213.0	163292	95
213.0	214.5	163293	568
214.5	216.0	163294	57
216.0	217.5	163295	97
217.5	219.0	163296	13
219.0	220.5	163297	29
220.5	222.0	163298	498
222.0	223.4	163299	130
223.4	225.0	163300	1675
225.0	226.7	163301	90
226.7	228.2	163302	15
228.2	229.7	163303	14
229.7	231.2	163304	27
231.2	232.7	163305	20
232.7	234.2	163306	113
234.2	235.7	163307	57
235.7	237.2	163308	30
237.2	238.7	163309	36
238.7	240.2	163310	56
240.2	241.7	163311	8
241.7	243.2	163312	70
243.2	244.8	163313	19
244.8	246.4	163314	76

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED		SHEET 6 OF 7	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP. ELEV.	HOLE No. OL97-6	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP. ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	PHASE (P/H/M)	BRECCIA INTENSITY	ALTERATION: MH SP CL SI HP SE CB BA PL MS BI AL — OCCURRENCE / AMOUNT (1/3/INTENSITY)	MINERALIZATION: py po cp bo ma az — OCCURRENCE / AMOUNT
246.4	283.9		SILT	SILTSTONE - thin bedded, fg siltstone @ ~45° to core axis. Fractures w/ minor offset of bedding throughout unit. No indications of tops on bedding found. 246.4 to 256 ✓ have bands of red jasperoid material occasionally on bedding. These occassionally are associated w/ pyrite. Blebs of chalcopyrite on fractures and in carbonates veins to 247.4 246.4-257 pervasive sericite alteration, bleaching. Fracturing w/ gouge @ 265.4-265.6 (60°CA) 267.0-267.9 (10°CA), 271.0-271.1 (60°CA). Lower contact on sericite altered fractures 283.9-284.3 @ 40° CA.	246.4	247.4					cp tr
					247.4	257				CL tr; SE 0/4; CB V/1/2	py tr; cp tr
					257	283.9				SE V/1/4	
283.9	296.1		BXCL	CHLORITE MATRIX BRECCIA - fg. fragments of maroon sediments and jasperoid red. There is some rounding and flattening of the fragments. Disseminated Py occurs in the matrix. Lower contact is irregular looks in bedded siltstone below.	283.9	296.1	C	P	4	CL M/3	py M/1/2

ASSAY FROM	TO	SAMPLE No.		
246.4	247.4	163315	2048	
247.4	248.9	163316	42	
248.9	250.4	163317	5	
250.4	251.9	163318	14	
251.9	253.4	163319	17	
253.4	254.9	163320	5	
254.9	256.4	163321	13	
256.4	257.9	163322	88	
257.9	259.4	163323	16	
259.4	260.9	163324	201	
260.9	262.4	163325	23	
262.4	263.9	163326	13	
263.9	265.4	163327	10	
265.4	266.9	163328	475	
283.9	285.4	163329	30	
285.4	286.9	163330	224	
286.9	288.4	163331	42	
288.4	289.9	163332	14	
289.9	291.4	163333	4	
291.4	292.9	163334	7	
292.9	294.5	163335	5	
294.5	296.1	163336	5	

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 7 OF 7	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP. ELEV.		HOLE No. OL97-6	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP. ELEV.			DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	PHASES (POLY/MONO)	BRECCIA INTENSITY	ALTERATION (NH SP CL SI KF SE CB BA PL MG IN AL; OCCURRENCE / AMOUNT (1/INTENSITY))	MINERALIZATION (py po cp bo sp bz; OCCURRENCE / AMOUNT)
296.1	333.5		SILT	SILTSTONE - f.g., thinly bedded siltstone @ approx 45° CA. Isoperiodic bands 8 to 30 cm wide down to 306.6. This sequence BxCL → SILT appears to be a repetition of the same rocks as above 226.7 - 283.9. Two major sets of carbonate filled fractures 1) approx 80-90° CA and 2) approx 30° CA., minor carb filled fractures // to bdd. ing. 306.2 - 306.5 rubbly broken core w/ some gouge - no angle 329.0 - 329.5 - "massive sericite" alt'n. 322.9 - 325.9 FAULT - gouge, rubble shearing, major core loss - 40° to CA.	296.1	313				SI: ✓ tr; CB: P 4, ✓ 1	py: A tr
EOH					313	333.5 EOH				SI: ✓ tr; CB: V 1	A tr
				1094 ft 333.5m END OF HOLE							
				P Butler							

ASSAY FROM	TO	SAMPLE No.		
296.1	297.6	163337	30	
297.6	299.1	163338	9	
299.1	300.6	163339	11	
300.6	302.1	163340	6	
302.1	303.6	163341	84	
303.6	305.1	163342	5	
305.1	306.6	163343	25	

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.T.) TRUE	CONTRACTOR
Sept 27/97		NQ	DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED	OLYMPIC CASING LEFT	90% RECOVERY	116 B/14	355°	Britton Bros.
FIELD COORDINATES			61.0	ACID	—	—	-55°			SHEET 1 OF 5	MAGN. DECL. 31°	
LAT. 79,775N	ELEV. 1160	DIP -55°	121.9	ACID	—	—	-56°	LAT. DEP. ELEV.	HOLE No. OL97-7		LOGGED BY Sean P. Butler	SAMPLED BY SPB/AD+AD
DEP. 8,400W	LENGTH 199.0	BEARING 330°						LAT. DEP. ELEV.			DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLY/MONO)	BRECCIA INTENSITY	ALTERATION: MH	SP	CL	SI	KF	SE	CB	BA	PL	MG	BI	AL — OCCURRENCE / AMOUNT (1/4 / 1/2 / INTENSITY)	MINERALIZATION: PY	PO	CP	bo	ma	az — OCCURRENCE / AMOUNT	ASSAY FROM	ASSAY TO	SAMPLE No.
0 0	9 2		OVBN	OVERBURDEN - No core recovered																									
				10cm of bedded siltstone (boulder?)																									
9 2	24 3		BXCB	CARBONATE MATRIX BRECCIA	9 2	24 3	C	P	4	m/1	m/tr					m/8													
				- f.g. white dolomite w/ patches																									
				of red hematite. Multivariate																									
				fragment types from red to																									
				grey massive to grey and																									
				red bedded dolomite. A																									
				certain amount of rounding																									
				on the fragments has occurred.																									
				Pervasive alt'n of the fragments																									
				especially hematite staining of																									
				fragments. 15.0 to 15.6, 16.1 to 17.6																									
				19.3 to 20.2. Lower contact																									
				gradual increase in hematite																									
24.3	71 8		BXHM	HEMATITE MATRIX BRECCIA -	24 3	39 9	M	P	5	m/6	m/1/4					m/4													
				- f.g. red hematite and white to						p/4						v/1/2													
				pink calcite matrix w/ pervasively																									
				red hematite altered angular to	39 9	43 9	M	P	4	m/1/2						m/5													
				sub rounded fragments of dolomite																									
				and massive siltstone. The																									
				fragments are highly variable	43 9	50 3	M	P	6	m/3	m/1					m/5													
				and occasionally clast						p/4																			
				supported from - mm scale vns																									
				of vugs 3-4 mm scale vns w/ many	50 3	57 1	C	H	2	m/1/2						m/5													
				1/4-1/2 mm wide vugs						p/1																			
				39.9 - 43.9 carbonate breccia, minimal																									
				hematite.	57 1	71 8	C	P	3	m/2	m/1					m/5													
				Lower contact is gradual						p/3																			
				increase in calcite, decrease in hematite.																							69 0	70 4	163344	19
																											70 4	71 8	163345	3

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.N.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING: RECORDED / CORRECTED	AZIMUTH: RECORDED / CORRECTED				SHEET 2 OF 5	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-7	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	PHASES (PRIMARY/SECONDARY)	BRECCIA INTENSITY	ALTERATION (OCCURRENCE / AMOUNT (1/2/3/INTENSITY))	MINERALIZATION (OCCURRENCE / AMOUNT)
71.8	144.2		BXCL	CHLORITE MATRIX BRECCIA -	71.8	144.2	M	P	S	MH tr; SP m 1/2; CL m 3; SI P; KF I; CB m 2, √ 1/2	py tr; cp I, tr
				- angular fragments of maroon to orange plus grey and green in a dark green chlorite rich fg. matrix. Traces of chalcopyrite on fracture 73.3 to 73.5							
				77.8 - Fault, gouge - rubble and loss, 35° CA.							
				Note in core box - lost water squeezing fault zone 102.7 m zone and lost 102.7 to 103.9							

ASSAY FROM	TO	SAMPLE No.	
71.8	73.3	163346	<2
73.3	74.8	163347	2
74.8	76.3	163348	<2
76.3	77.8	163349	2
77.8	79.3	163350	4
79.3	80.8	163351	5
80.8	82.3	163352	<2
82.3	83.8	163353	5
83.8	85.3	163354	3
85.3	86.8	163355	3
86.8	88.3	163356	4
88.3	89.8	163357	3
89.8	91.3	163358	4
91.3	92.8	163359	2
92.8	94.3	163360	<2
94.3	95.8	163361	3
95.8	97.5	163362	2
97.5	99.1	163363	2
99.1	100.6	163364	<2
100.6	102.1	163365	3
102.1	103.6	163366	3
103.6	105.1	163367	3
105.1	106.6	163368	<2
106.6	108.1	163369	2
108.1	109.6	163370	2
109.6	111.1	163371	8
111.1	112.6	163372	2
112.6	114.1	163373	2
114.1	115.6	163374	4
115.6	117.1	163375	3

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	AZIMUTH RECORDED	AZIMUTH CORRECTED			SHEET 3 OF 5	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP. ELEV.				
DEP.	LENGTH	BEARING						LAT. DEP. ELEV.		HOLE No. OL97-7	LOGGED BY	SAMPLED BY
											DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLYMICTIC)	BRECCIA INTENSITY	ALTERATION: MH SP CL SI KF SZ CB BA PL MG IR AL — OCCURRENCE / AMOUNT (% / INTENSITY)	MINERALIZATION: py po cp bo ma az — OCCURRENCE / AMOUNT
71 8	144 2		BXCL	BXCL cont'd							
				Rubbly broken core, core loss from 121.6 to 122.5							
				6cm w/ gouge @ 25° to CA @							
				5 seams w/ gouge and sections of core lost 140.0 to 144.3 Lower contact is a fault w/ 5cm gouge+sand @ 65° to CA Gradual increase in carbonate and decrease in chlorite							
144 2	163 8		BXCB	CARBONATE MATRIX BRECCIA - white fg. dolomite matrix w/ green chlorite and sections of strong red hematite and spin. fm hematite Lower contact is gradual increase in chlorite, decrease in carbonate. Clasts are different sizes, seem angular and include quartzite specularite	144 2	163 8	M	P	6	MH 1; SP 1-2; CL m 2 p 1; SI m 1; KF P M 1/2; SZ P 3	

ASSAY FROM	TO	SAMPLE No.	
117 1	118 6	163376	9
118 6	120 1	163377	3
120 1	121 6	163378	3
121 6	123 1	163379	6
123 1	124 6	163380	4
124 6	126 1	163381	4
126 1	127 6	163382	2
127 6	129 1	163383	2
129 1	130 6	163384	2
130 6	132 1	163385	2
132 1	133 6	163386	2
133 6	135 1	163387	3
135 1	136 6	163388	2
136 6	138 1	163389	3
138 1	139 6	163390	<2
139 6	141 1	163391	2
141 1	142 6	163392	31
142 6	144 2	163393	3
144 2	145 7	163394	<2
145 7	147 2	163395	2
156 3	157 8	163396	5
157 8	159 3	163397	2
159 3	160 8	163398	4
160 8	162 3	163399	2
162 3	163 8	163400	3

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY		PROJ. No.	N.T.S. No.	GRID NORTH (M.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED				SHEET 4 OF 5	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT.	DEP.	ELEV.	HOLE No. OC97-7	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT.	DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLYMICTIC)	BRECCIA INTENSITY	ALTERATION: HM	SP	CL	SI	KF	SE	CB	QA	PL	MB	BI	AL	ALTERATION OCCURRENCE AMOUNT (IN / INTENSITY)	MINERALIZATION: PY	po	cp	bo	sp	az	MINERALIZATION OCCURRENCE AMOUNT
144 2	163 8		BXCB	BxcB cont'd but are generally massive chlorite on margins and grey dolomite																								
163 8	175 5		BXCL	CHLORITE MATRIX BRECCIA - dk green f-mg matrix in angular clasts that vary greatly in lithology and size. 172-175.5 is weakly to moderately sericite altered. Lower contact is irregular brecciation.	163 8	175 5	M	P	6	m 1/4	m 2	M 8				M 1 V tr													
175 5	183 1		ANDS	ANDESITE - mg, lt green w/ a salmon pink alteration, possibly fg. K-spar although the rock is moderately soft. No visible sulfides. No magnetite.	175 5	183 1						P 1		P? 3?		V 1/2												
183 1	186 0		FALT	FAULT - large section of shearing brecciation and sand gouge. Angles vary from 45° to low angles 10-15°. Squeezing when drilled.	183 1	186 0						P 2				V 3												
186 0	199 0 EOH		BXCL	CHLORITE MATRIX BRECCIA - fg, dk green chlorite matrix w/ mostly pink to red + maroon clasts (angular, 1/2 to 3 cm in size) to 191.	186 0	191 0	M	P	4	m tr	m tr	M 6				V tr												

ASSAY FROM	TO	SAMPLE No.	
163 8	165 3	163401	<2
165 3	166 8	163402	3
166 8	168 3	163403	2
168 3	169 8	163404	2
169 8	171 3	163405	5
171 3	172 8	163406	2
172 8	174 3	163407	3
174 3	175 5	163408	3

MAJOR GENERAL RESOURCES LTD.

DATE DRILLED	DATE COMPLETED	CORE SIZE	DIP TESTS					PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED			SHEET 5 OF 5	MAGN. DECL.	
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. 0L97-7	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS POLYMICTIC	BRECCIA INTENSITY	ALTERATION: MH SP CL SI KF SE CB BA PL MG IR AL — OCCURRENCE / AMOUNT (% / INTENSITY)	MINERALIZATION: PY PO CP bo ga sz — OCCURRENCE / AMOUNT	ASSAY: FROM	TO	SAMPLE No.
186.0	199.0		BXCL	BXCL cont'd	191.0	199.0	C	H	3	CL: M 3 / SE: M 3 / P 3 / CB: M 3 / V 1				
	EOH			- dark green matrix w/ some minor white carbonate matrix and veinlet fill. Pervasive chlorite alteration of fragments 191-199m. Low angle 15°-30° gouge filled fractures w/ chlorite alteration from 195 to 199.										
				END OF HOLE										
				Hole lost due to squeezing ground										
				199.0 m 653 ft.										
				Jean P. Fitton										

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED: Oct 1/97	DATE COMPLETED: Oct 3/97	CORE SIZE: NQ	
FIELD COORDINATES			
LAT.: 19,220N	ELEV.: 1190	DIP: -70°	
DEP.: 9,450W	LENGTH: 108.8	BEARING: 330°	

DIP TESTS

DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED
610	ACID	—	—	-67°

PROPERTY: OLYMPIC	PROJ. No.:	N.T.S. No.: 116 B/14	GRID NORTH (W.R.T.) TRUE: 355°
CASING LEFT	89% Recovery	SHEET 1 OF 3	MAGN. DECL.: 31°
LAT.:	DEP.:	ELEV.:	HOLE No.: OL97-8
LAT.:	DEP.:	ELEV.:	LOGGED BY: Sean P. Butler
CONTRACTOR: Britton Bros.	SAMPLED BY: SPB/AD+AD	DATE:	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION	SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	FRAGS (POLY/MONO)	BRECCIA INTENSITY	HM	SP	CL	SI	KF	SE	CB	BA	PL	MS	BI	AL	GR	py	po	cp	bo	ma	az
0.0	8.2		OVBN	OVERBURDEN - Some rock and boulders recovered.																								
8.2	19.4		SBXC	SILICIFIED CHLORITE MATRIX BRECCIA f.g. pervasive grey and white silica overprinting a chlorite breccia. Fracture filling and veinlets of silica, carbonate and qtz-carbonate. Qtz carb veinlets contain dissem PY and CP. Broken fractured core w/ FeOx on fractures from 16.6 to 17.4m. Lower contact is in broken rock. Some graphite on lower fractures	8.2	19.4	M	P	5			f 1	p 4; v 2			v 1						f tr	v ½; d ¼		v tr			
19.4	24.0		SSD?	SILICIFIED SEDIMENT? - creamy white and bleached green + pink fragments of pervasively silicified sediment. Lower half is bleached and silicified breccia. Lower contact is 3cm wide gradual decrease in bleaching. Graphite on fractures near 20.9m.	19.4	24.0							p 5									f tr						

ASSAY

FROM	TO	SAMPLE No.	Cu ppm
8.2	9.7	163409	112
9.7	11.2	163410	195
11.2	12.7	163411	1093
12.7	14.2	163412	1275
14.2	15.7	163413	2794
15.7	17.2	163414	2941
17.2	18.3	163415	446
18.3	19.4	163416	159
19.4	20.9	163417	70
20.9	22.4	163418	31
22.4	24.0	163419	251

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (M.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED			SHEET 2 OF 3	MAGN. DECL.
LAT.	ELEV.	DIP						LAT. DEP.	ELEV.	HOLE No. OL97-8	LOGGED BY
DEP.	LENGTH	BEARING						LAT. DEP.	ELEV.		DATE

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION
24.0	34.2		SBXC	SILICIFIED CHLORITE BRECCIA maroon and hematite red fragments as well as bedded (thinly) sedimentary fragments in f.m.g. dark green chlorite matrix. Usually clast supported. Silica and carbonate occur in the matrix as well as sections of pervasive silicification
34.2	36.4		SSED	SILICIFIED SEDIMENT - thinly bedded black and grey sediment with pervasive silicification @ 20° to CA. Lower contact is increase in silicification and a lighter color.
36.4	102.1		SDOL	SILICIFIED DOLOMITE - f.g. white and lt. grey mottled dolomite w/ silica. Silicified bedded sediment 42.6 to 43.8m. Brown Fe Ox on fractures 42.6 to 47.5 and 580 to 582. Red Hematite dissem 58.2 to 59.0m. Fe Ox "soil like" gouge, 2cm wide, @ 68.4 @ 70° to C.A. 74 to 82m - mottled white to dk grey w/ minor hematite red fragments

SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	PHASE (POLYMICTIC)	BRECCIA INTENSITY
24.0	34.2	C	P	S
34.2	36.4			
36.4	102.1			

ALTERATION — OCCURRENCE / AMOUNT (S / INTENSITY)

KH	SP	CL	SI	HP	SE	CB	BA	PL	MB	EP	AL	GR
M +/-	M +-	M 3	M 2			V 1/2						f +-
P 1			V 1			M 1						
			P 3									
f +-			P 5			V 1/2						f 1/4
d +-			V 2									

MINERALIZATION — OCCURRENCE / AMOUNT

py	po	cp	bo	ma	az
f +-		f +-			

ASSAY

FROM	TO	SAMPLE No.		
24.0	25.5	163420	50	
25.5	27.0	163421	219	
27.0	28.5	163422	67	
28.5	30.0	163423	58	
30.0	31.5	163424	79	
31.5	33.0	163425	—	
33.0	34.2	163426	46	
34.2	36.4	163427	62	
36.4	38.4	163428	178	
38.4	40.4	163429	15	
40.4	42.6	163430	42	
42.6	43.8	163431	1098	
43.8	45.8	163432	74	
45.8	47.8	163433	34	
72.0	74.0	163434	16	
74.0	76.0	163435	22	
76.0	78.0	163436	23	
78.0	80.0	163437	26	

MAJOR GENERAL RESOURCES LTD.

DATE COLLARED	DATE COMPLETED	CORE SIZE	DIP TESTS				PROPERTY	PROJ. No.	N.T.S. No.	GRID NORTH (N.A.T.) TRUE	CONTRACTOR
FIELD COORDINATES			DEPTH	BEARING RECORDED	BEARING CORRECTED	ANGLE RECORDED	ANGLE CORRECTED		SHEET 3 OF 3	MAGN. DECL.	
LAT.	ELEV.	DIP					LAT. DEP.	ELEV.	HOLE No. OL97-8	LOGGED BY	SAMPLED BY
DEP.	LENGTH	BEARING					LAT. DEP.	ELEV.		DATE	

FROM	TO	PERCENT RECOVERY	ROCK TYPE	DESCRIPTION
36.4	102.1		SOOL	SOOL cont'd
				Broken core fractured and rubbly
				101 to 102.1
102.1	103.3		FLTS	FAULT - SAND - mg., tan coloured siliceous sand. Maroon, white and tan fragments w/ all fines washed out. Drillers reported squeezing ground, making water in this zone. No angle.
103.3	106.4		NORC	NO RECOVERY
106.4	108.8		DOLM	DOLOMITE - med grey, f.g. dolomite highly broken, sheared and fractured No angle available. Major core loss.
	EOH			END OF HOLE
				357' 108.8m
				Hole lost in squeezing ground 102.1 to 108.8.

Leon P. Butler

SUB-INTERVAL FROM	SUB-INTERVAL TO	BRECCIA SUPPORT (M/C)	PHAGS (POLYMICTIC)	BRECCIA INTENSITY

ALTERATION	HM	SP	CL	SI	KF	SE	CB	BA	PL	MB	EP	AL
OCCURRENCE												
AMOUNT (%/INTENSITY)												

MINERALIZATION	py	po	cp	bo	ma	az
OCCURRENCE						
AMOUNT						

ASSAY FROM	TO	SAMPLE No.	
80.0	82.0	163438	18
82.0	84.0	163439	27
84.0	86.0	163446	17
86.0	88.0	163441	21
88.0	90.0	163442	48
90.0	92.0	163443	24
92.0	94.0	163444	15
94.0	96.0	163445	11
96.0	98.0	163446	10
98.0	100.0	163447	7
106.4	108.8	163448	94

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Major General Resources Ltd. PROJECT OLYMPIC File # 97-4733

1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: Sean P. Butler

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162001	2	4068	5	43	.7	82	35	538	9.68	<5	<10	<4	5	11	.4	<5	<5	153	.40	.139	13	28	4.47	411	.40	6.11	.39	.95	<4	47	<2	14	12	1	11	4
B 162002	2	1858	<5	45	<.5	74	31	522	8.13	<5	<10	<4	6	26	<.4	<5	<5	127	.45	.141	13	24	3.85	680	.37	6.70	1.21	1.33	<4	46	<2	14	14	<1	10	<1
B 162003	2	1274	<5	51	.7	107	37	611	9.48	<5	<10	<4	5	23	<.4	<5	<5	166	.38	.142	13	29	4.33	303	.45	6.71	1.18	.78	<4	36	<2	14	14	1	10	<1
B 162004	2	3796	<5	47	.8	82	42	657	9.91	<5	<10	<4	6	17	<.4	<5	<5	156	.48	.148	16	28	4.37	592	.41	6.58	.73	1.02	<4	50	<2	15	13	1	12	<1
B 162005	3	1817	<5	44	.9	77	33	604	9.12	5	12	<4	6	24	<.4	<5	<5	132	.36	.140	15	23	4.09	320	.42	6.70	1.29	.88	6	41	<2	15	16	1	11	1
B 162006	<2	3249	<5	55	1.1	109	54	694	10.00	<5	<10	<4	5	14	<.4	<5	<5	165	.63	.143	12	25	4.44	251	.36	6.01	.31	.65	4	40	<2	13	12	1	9	1
B 162007	<2	887	<5	70	.9	117	62	739	9.67	<5	<10	<4	3	10	<.4	<5	<5	200	.57	.176	10	29	4.46	89	.43	5.80	.08	.65	<4	52	<2	14	11	<1	8	4
B 162008	<2	94	<5	62	.7	127	34	534	9.08	<5	<10	<4	5	10	<.4	<5	<5	189	.38	.148	9	34	4.72	125	.43	5.72	.05	.89	<4	82	2	15	14	<1	10	1
B 162009	<2	32	<5	71	<.5	118	57	886	9.81	<5	<10	<4	4	21	<.4	<5	7	266	.26	.094	6	85	5.43	239	.56	8.47	.92	1.36	<4	49	<2	11	8	1	14	4
B 162010	<2	40	<5	98	.6	154	64	1152	11.51	<5	<10	<4	2	6	<.4	<5	<5	290	.18	.056	4	156	7.27	162	.56	9.44	.17	1.42	<4	35	2	7	4	1	15	5
B 162011	<2	49	<5	96	.8	113	51	1033	10.10	<5	<10	<4	2	7	<.4	<5	6	303	.20	.067	5	148	8.36	159	.75	8.44	.12	.85	4	37	<2	11	6	1	13	3
B 162012	<2	100	<5	87	1.2	141	54	850	10.07	<5	<10	<4	3	7	<.4	<5	<5	305	.23	.083	6	137	7.96	113	.62	8.63	.23	.96	<4	48	<2	11	6	1	13	5
B 162013	<2	61	<5	86	10.7	116	48	860	9.21	<5	<10	<4	2	5	<.4	<5	<5	270	.27	.076	4	154	9.35	145	.57	9.08	.07	.81	30	44	<2	9	5	1	13	8
B 162014	<2	18	<5	45	.7	160	24	265	7.46	<5	<10	<4	7	8	<.4	<5	<5	191	.13	.048	11	41	4.60	156	.21	4.66	.12	.28	<4	76	2	8	6	<1	6	<1
RE B 162014	<2	17	14	47	.8	161	25	267	7.59	5	<10	<4	7	8	<.4	<5	<5	191	.13	.049	11	43	4.64	156	.20	4.69	.12	.28	<4	74	3	8	6	<1	6	<1
RRE B 162014	<2	18	5	43	.5	157	24	257	7.53	5	<10	<4	8	8	<.4	<5	<5	186	.13	.049	11	46	4.52	151	.20	4.59	.13	.28	<4	71	3	8	6	<1	6	<1
B 162015	<2	19	<5	68	<.5	93	29	642	7.38	5	<10	<4	4	7	<.4	<5	5	278	.21	.087	9	94	5.16	262	.55	6.47	.04	1.19	4	51	<2	10	5	1	15	<1
B 162016	<2	12	<5	71	.6	103	35	523	7.25	<5	<10	<4	5	6	<.4	<5	<5	203	.15	.060	5	99	6.71	378	.46	7.03	.04	1.34	<4	52	<2	8	6	1	12	<1
B 162017	<2	17	6	22	<.5	18	13	69	1.75	<5	<10	<4	7	7	<.4	<5	<5	29	.14	.060	9	33	2.17	510	.12	3.39	.04	1.92	4	55	<2	4	4	<1	2	<1
B 162018	<2	13	<5	15	<.5	6	4	44	.86	<5	<10	<4	5	9	<.4	<5	<5	31	.10	.037	6	39	1.14	471	.09	3.37	.05	2.94	<4	42	<2	3	3	<1	<1	<1
STANDARD CT3	24	62	35	162	6.3	36	12	850	4.05	54	16	<4	24	223	21.4	23	21	133	1.55	.103	28	261	.98	999	.38	7.16	1.74	1.81	32	52	17	15	19	4	9	566

Standard is STANDARD CT3/AU-R.

ICP - .250 GRAM SAMPLE IS DIGESTED WITH 10ML HCLO4-HNO3-HCL-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL, ZR & MN AND MASSIVE SULFIDE SAMPLES. AS, CR, SB, AU SUBJECT TO LOSS BY VOLATILIZATION DURING HCLO4 FUMING.

- SAMPLE TYPE: CORE AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 25 1997 DATE REPORT MAILED: Sept 3/97 SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data 4 FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Major General Resources Ltd. PROJECT OLYMPIC File # 97-4733

1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: Sean P. Butler

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162001	2	4068	5	43	.7	82	35	538	9.68	<5	<10	<4	5	11	.4	<5	<5	153	.40	.139	13	28	4.47	411	.40	6.11	.39	.95	<4	47	<2	14	12	1	11	4
B 162002	2	1858	<5	45	<.5	74	31	522	8.13	<5	<10	<4	6	26	<.4	<5	<5	127	.45	.141	13	24	3.85	680	.37	6.70	1.21	1.33	<4	46	<2	14	14	<1	10	<1
B 162003	2	1274	<5	51	.7	107	37	611	9.48	<5	<10	<4	5	23	<.4	<5	<5	166	.38	.142	13	29	4.33	303	.45	6.71	1.18	.78	<4	36	<2	14	14	1	10	<1
B 162004	2	3796	<5	47	.8	82	42	657	9.91	<5	<10	<4	6	17	<.4	<5	<5	156	.48	.148	16	28	4.37	592	.41	6.58	.73	1.02	<4	50	<2	15	13	1	12	<1
B 162005	3	1817	<5	44	.9	77	33	604	9.12	5	12	<4	6	24	<.4	<5	<5	132	.36	.140	15	23	4.09	320	.42	6.70	1.29	.88	6	41	<2	15	16	1	11	1
B 162006	<2	3249	<5	55	1.1	109	54	694	10.00	<5	<10	<4	5	14	<.4	<5	<5	165	.63	.143	12	25	4.44	251	.36	6.01	.31	.65	4	40	<2	13	12	1	9	1
B 162007	<2	887	<5	70	.9	117	62	739	9.67	<5	<10	<4	3	10	<.4	<5	<5	200	.57	.176	10	29	4.46	89	.43	5.80	.08	.65	<4	52	<2	14	11	<1	8	4
B 162008	<2	94	<5	62	.7	127	34	534	9.08	<5	<10	<4	5	10	<.4	<5	<5	189	.38	.148	9	34	4.72	125	.43	5.72	.05	.89	<4	82	2	15	14	<1	10	1
B 162009	<2	32	<5	71	<.5	118	57	886	9.81	<5	<10	<4	4	21	<.4	<5	7	266	.26	.094	6	85	5.43	239	.56	8.47	.92	1.36	<4	49	<2	11	8	1	14	4
B 162010	<2	40	<5	98	.6	154	64	1152	11.51	<5	<10	<4	2	6	<.4	<5	<5	290	.18	.056	4	156	7.27	162	.56	9.44	.17	1.42	<4	35	2	7	4	1	15	5
B 162011	<2	49	<5	96	.8	113	51	1033	10.10	<5	<10	<4	2	7	<.4	<5	6	303	.20	.067	5	148	8.36	159	.75	8.44	.12	.85	4	37	<2	11	6	1	13	3
B 162012	<2	100	<5	87	1.2	141	54	850	10.07	<5	<10	<4	3	7	<.4	<5	<5	305	.23	.083	6	137	7.96	113	.62	8.63	.23	.96	<4	48	<2	11	6	1	13	5
B 162013	<2	61	<5	86	10.7	116	48	860	9.21	<5	<10	<4	2	5	<.4	<5	<5	270	.27	.076	4	154	9.35	145	.57	9.08	.07	.81	30	44	<2	9	5	1	13	8
B 162014	<2	18	<5	45	.7	160	24	265	7.46	<5	<10	<4	7	8	<.4	<5	<5	191	.13	.048	11	41	4.60	156	.21	4.66	.12	.28	<4	76	2	8	6	<1	6	<1
RE B 162014	<2	17	14	47	.8	161	25	267	7.59	5	<10	<4	7	8	<.4	<5	<5	191	.13	.049	11	43	4.64	156	.20	4.69	.12	.28	<4	74	3	8	6	<1	6	<1
RRE B 162014	<2	18	5	43	.5	157	24	257	7.53	5	<10	<4	8	8	<.4	<5	<5	186	.13	.049	11	46	4.52	151	.20	4.59	.13	.28	<4	71	3	8	6	<1	6	<1
B 162015	<2	19	<5	68	<.5	93	29	642	7.38	5	<10	<4	4	7	<.4	<5	5	278	.21	.087	9	94	5.16	262	.55	6.47	.04	1.19	4	51	<2	10	5	1	15	<1
B 162016	<2	12	<5	71	.6	103	35	523	7.25	<5	<10	<4	5	6	<.4	<5	<5	203	.15	.060	5	99	6.71	378	.46	7.03	.04	1.34	<4	52	<2	8	6	1	12	<1
B 162017	<2	17	6	22	<.5	18	13	69	1.75	<5	<10	<4	7	7	<.4	<5	<5	29	.14	.060	9	33	2.17	510	.12	3.39	.04	1.92	4	55	<2	4	4	<1	2	<1
B 162018	<2	13	<5	15	<.5	6	4	44	.86	<5	<10	<4	5	9	<.4	<5	<5	31	.10	.037	6	39	1.14	471	.09	3.37	.05	2.94	<4	42	<2	3	3	<1	<1	<1
STANDARD CT3	24	62	35	162	6.3	36	12	850	4.05	54	16	<4	24	223	21.4	23	21	133	1.55	.103	28	261	.98	999	.38	7.16	1.74	1.81	32	52	17	15	19	4	9	566

Standard is STANDARD CT3/AU-R.

ICP - .250 GRAM SAMPLE IS DIGESTED WITH 10ML HCLO4-HNO3-HCL-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL, ZR & MN AND MASSIVE SULFIDE SAMPLES. AS, CR, SB, AU SUBJECT TO LOSS BY VOLATILIZATION DURING HCLO4 FUMING.

- SAMPLE TYPE: CORE AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 25 1997 DATE REPORT MAILED: Sept 3/97 SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data f FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Major General Resources Ltd. PROJECT OLYMPIC File # 97-4984 Page 1

1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: Sean P. Butler

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162019	<2	14	<5	15	<.5	13	6	4448	2.54	6	<10	<4	6	134	<.4	6	<5	26	14.35	.077	35	21	4.93	261	.06	2.60	.35	1.04	<4	36	<2	16	3	<1	3	4
B 162020	<2	11	<5	14	<.5	18	5	4549	2.79	<5	<10	<4	9	84	<.4	<5	<5	37	12.14	.067	27	14	4.71	404	.08	3.62	.29	1.71	<4	51	<2	19	2	<1	4	1
B 162021	<2	18	<5	11	<.5	18	6	2324	2.29	<5	<10	<4	13	175	<.4	<5	<5	57	10.03	.076	25	41	1.66	418	.16	5.64	1.56	2.19	<4	63	<2	17	6	<1	7	1
B 162022	<2	8	<5	13	<.5	22	9	2624	2.41	<5	<10	<4	13	203	<.4	<5	<5	53	9.75	.078	65	40	1.75	404	.16	5.62	1.74	2.06	<4	62	2	18	6	<1	7	<1
B 162023	<2	11	<5	7	<.5	13	11	2541	2.03	5	<10	<4	12	210	<.4	<5	<5	49	11.80	.081	39	40	1.07	389	.14	5.25	1.61	1.98	<4	58	2	17	4	<1	6	1
B 162024	<2	38	<5	10	<.5	14	7	3431	1.98	6	<10	<4	7	213	<.4	<5	<5	43	15.64	.077	41	14	2.28	280	.11	3.82	1.03	1.39	<4	45	<2	18	4	<1	5	1
B 162025	<2	4	<5	14	<.5	27	9	2267	2.69	<5	<10	<4	13	66	<.4	<5	<5	60	6.01	.080	18	24	3.78	654	.17	5.82	.80	2.85	<4	62	2	16	7	<1	7	1
B 162026	<2	8	<5	9	<.5	19	8	2698	2.13	7	<10	<4	11	64	<.4	7	<5	45	8.03	.080	33	19	4.71	435	.12	4.85	.75	2.36	5	50	2	16	7	<1	6	1
B 162027	<2	11	<5	13	<.5	21	12	3093	2.49	<5	<10	<4	10	57	<.4	<5	<5	48	8.23	.079	24	19	4.82	367	.10	4.78	.45	2.31	<4	49	2	15	4	<1	6	1
RE B 162027	<2	12	<5	12	<.5	21	11	3011	2.43	<5	<10	<4	10	55	<.4	<5	<5	47	8.06	.077	21	19	4.71	358	.10	4.66	.43	2.24	<4	49	3	15	3	<1	6	1
RRE B 162027	<2	11	<5	13	<.5	22	11	2965	2.42	<5	<10	<4	10	56	<.4	<5	<5	48	7.94	.076	24	22	4.68	361	.09	4.68	.41	2.25	<4	49	2	15	4	<1	6	1
B 162028	2	7	<5	15	<.5	17	9	3525	2.26	<5	<10	<4	9	60	<.4	<5	<5	42	9.98	.073	31	15	4.56	403	.09	4.02	.18	2.07	<4	46	2	17	4	<1	5	1
B 162029	<2	43	<5	9	<.5	17	10	3026	1.71	<5	<10	<4	8	206	<.4	<5	<5	43	15.46	.081	20	13	1.97	449	.10	3.88	.67	1.67	<4	52	<2	16	3	<1	5	1
B 162030	<2	76	<5	2	<.5	9	4	3584	1.26	<5	<10	<4	7	481	<.4	<5	<5	35	18.47	.070	22	14	.65	277	.10	3.35	1.10	1.15	<4	36	<2	14	3	<1	4	1
B 162031	<2	58	<5	5	<.5	10	5	3593	1.78	<5	<10	<4	9	302	<.4	<5	<5	30	16.26	.068	91	12	1.09	364	.10	3.34	.28	1.75	5	39	<2	19	3	<1	4	<1
B 162032	<2	15	<5	11	<.5	22	10	2400	2.17	5	<10	<4	10	225	<.4	<5	<5	46	12.40	.077	59	26	1.23	515	.15	4.81	.13	2.64	5	51	2	18	7	<1	6	<1
B 162033	<2	69	<5	11	<.5	32	19	1695	2.64	<5	<10	<4	13	141	<.4	<5	<5	58	8.97	.085	19	47	1.51	619	.16	5.90	.22	3.24	<4	60	2	16	5	<1	7	1
B 162034	2	79	5	11	<.5	29	13	2410	2.78	<5	<10	<4	12	237	<.4	<5	<5	62	9.51	.073	36	50	1.42	540	.18	6.03	.17	3.39	<4	57	2	16	7	<1	8	1
B 162035	2	103	<5	8	<.5	22	9	2910	2.48	<5	<10	<4	10	259	<.4	<5	<5	50	10.71	.075	28	41	1.25	428	.16	5.08	.22	2.76	<4	48	2	17	6	<1	6	1
B 162036	<2	58	<5	6	<.5	24	14	2750	2.63	<5	<10	<4	8	234	<.4	<5	<5	51	10.95	.068	47	31	1.27	444	.16	4.89	.05	2.72	<4	50	<2	18	4	<1	6	1
B 162037	<2	18	<5	4	<.5	19	11	3061	2.11	6	<10	<4	8	274	<.4	<5	<5	39	14.59	.071	26	26	.99	352	.12	4.09	.05	2.27	<4	47	2	16	5	<1	5	<1
B 162038	2	62	5	<2	<.5	20	12	2902	2.56	<5	<10	<4	8	201	<.4	<5	<5	45	14.38	.068	42	27	1.13	358	.13	4.21	.03	2.24	<4	43	3	15	4	<1	5	1
B 162039	<2	28	<5	<2	<.5	14	9	2238	1.90	<5	<10	<4	8	130	<.4	<5	<5	39	17.59	.072	31	21	.82	396	.12	3.68	.03	1.97	4	44	2	15	5	<1	4	1
B 162040	<2	87	<5	2	<.5	19	21	2523	2.88	6	<10	<4	11	165	<.4	<5	<5	51	14.88	.077	27	30	1.05	396	.16	4.56	.04	2.47	6	44	3	15	7	<1	6	1
B 162041	<2	189	<5	<2	<.5	19	24	2426	2.91	<5	<10	<4	8	152	<.4	<5	<5	44	14.15	.073	56	26	1.20	387	.15	4.23	.03	2.20	5	43	2	16	6	<1	5	1
B 162042	2	61	<5	2	<.5	19	13	2572	2.60	9	<10	<4	10	194	<.4	6	<5	49	15.80	.077	34	32	1.09	495	.14	4.51	.03	2.47	7	43	4	15	7	<1	6	1
RE B 162042	2	58	<5	<2	.5	18	12	2479	2.51	5	<10	<4	9	187	<.4	<5	<5	47	15.33	.072	31	37	1.05	364	.14	4.38	.03	2.38	5	42	3	14	5	<1	5	1
RRE B 162042	2	61	<5	<2	.5	18	12	2458	2.49	<5	<10	<4	8	187	<.4	<5	<5	46	15.31	.071	29	32	1.03	366	.13	4.38	.03	2.38	<4	41	<2	14	5	<1	5	2
B 162043	<2	51	<5	2	.5	16	12	1728	2.79	<5	<10	<4	12	134	<.4	<5	<5	59	11.56	.085	28	46	1.01	489	.19	5.64	.04	3.27	4	58	3	15	6	<1	7	1
B 162044	<2	56	<5	8	<.5	20	14	4293	2.85	5	<10	<4	9	39	<.4	5	<5	48	9.97	.080	36	19	5.31	982	.10	4.20	.03	2.29	4	48	<2	16	5	<1	5	1
B 162045	<2	7	<5	6	<.5	26	8	1205	3.02	<5	<10	<4	13	24	<.4	<5	<5	71	3.57	.103	31	41	2.76	597	.19	6.36	.03	3.36	4	72	<2	12	7	<1	8	1
B 162046	<2	39	<5	5	<.5	22	11	2403	2.80	<5	<10	<4	10	27	<.4	<5	<5	53	5.82	.086	28	22	3.74	460	.14	5.02	.03	2.68	<4	58	2	14	4	<1	6	1
B 162047	<2	67	<5	5	<.5	18	12	2943	3.00	<5	<10	<4	9	27	<.4	6	<5	58	7.34	.070	37	24	4.35	566	.15	5.38	.03	3.05	4	58	4	16	7	<1	7	1
B 162048	<2	56	20	5	<.5	20	16	3719	3.22	<5	<10	<4	9	29	<.4	5	<5	48	9.23	.072	40	19	5.35	417	.12	4.40	.03	2.36	<4	48	2	17	5	<1	5	1
STANDARD CT3/AU-R	26	66	36	178	6.8	39	12	910	4.14	61	20	<4	27	236	23.2	22	21	138	1.63	.101	28	265	.92	1028	.38	7.21	1.93	1.91	30	42	22	15	21	4	8	450

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- SAMPLE TYPE: CORE AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 2 1997 DATE REPORT MAILED: Sep 12/97 SIGNED BY. . . . D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

 Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162049	<2	87	<5	8	<.5	12	8	5068	2.59	<5	<10	<4	3	30	<.4	<5	<5	23	12.43	.061	30	9	7.08	208	.05	2.36	.03	1.16	<4	24	<2	21	4	<1	3	5
B 162050	<2	35	<5	9	<.5	17	7	3561	2.69	<5	<10	<4	6	23	<.4	<5	<5	44	9.10	.074	25	15	5.74	318	.10	4.35	.03	2.29	<4	43	2	18	4	<1	5	1
B 162051	<2	37	<5	11	<.5	17	7	4022	2.61	<5	<10	<4	6	29	<.4	<5	<5	38	9.57	.077	23	12	5.45	327	.09	4.01	.02	2.14	<4	41	<2	18	3	<1	5	1
B 162052	<2	73	7	10	<.5	14	8	4406	2.68	<5	<10	<4	5	36	<.4	<5	<5	35	11.75	.062	31	11	6.23	305	.07	3.45	.03	1.82	<4	37	<2	21	4	<1	4	2
B 162053	<2	56	<5	11	<.5	12	9	4688	2.90	<5	<10	<4	4	45	<.4	<5	<5	29	12.85	.047	25	10	6.96	283	.06	2.73	.03	1.37	<4	28	<2	22	3	<1	3	1
B 162054	<2	91	<5	10	<.5	12	8	4644	2.91	<5	<10	<4	3	41	<.4	<5	<5	32	12.84	.056	30	11	6.67	285	.07	2.85	.03	1.48	<4	30	<2	23	4	<1	4	1
B 162055	<2	158	<5	8	<.5	15	8	2727	2.85	<5	<10	<4	6	23	<.4	<5	<5	45	8.75	.073	26	20	5.32	292	.12	4.21	.03	2.13	<4	43	2	22	3	<1	5	1
B 162056	<2	225	<5	5	<.5	18	9	2363	2.98	<5	<10	<4	7	20	<.4	<5	<5	55	6.82	.094	61	30	4.63	421	.13	5.20	.03	2.71	<4	53	<2	17	5	1	6	1
B 162057	<2	289	<5	9	<.5	17	9	2113	2.58	<5	<10	<4	6	80	<.4	<5	<5	42	10.91	.066	29	25	2.24	327	.12	4.09	.03	2.01	<4	42	2	14	3	<1	5	1
B 162058	<2	286	<5	4	<.5	18	12	1659	3.18	<5	<10	<4	9	74	<.4	<5	<5	57	10.45	.087	29	33	2.04	454	.13	5.35	.04	2.77	<4	54	3	16	4	1	7	1
RE B 162058	<2	268	<5	4	<.5	18	11	1626	3.13	<5	<10	<4	9	73	<.4	<5	<5	55	10.31	.085	28	27	2.00	446	.14	5.27	.04	2.74	<4	56	2	16	4	1	7	2
RRE B 162058	<2	274	<5	2	<.5	19	11	1703	3.21	<5	<10	<4	8	81	<.4	<5	<5	57	10.99	.087	31	26	2.07	450	.14	5.32	.04	2.73	<4	56	2	17	4	1	7	1
B 162059	<2	248	<5	2	<.5	15	15	2089	3.08	<5	<10	<4	6	131	<.4	<5	<5	44	12.53	.080	30	17	1.98	333	.12	4.19	.03	2.11	<4	44	<2	19	2	<1	5	1
B 162060	<2	90	<5	2	<.5	17	17	2216	2.41	<5	<10	<4	6	173	<.4	6	<5	41	16.59	.079	31	18	1.08	266	.12	3.95	.03	1.96	4	43	2	17	4	<1	5	1
B 162061	<2	119	<5	<2	<.5	14	13	2628	2.19	<5	<10	<4	4	288	<.4	<5	<5	39	18.16	.074	26	14	.76	279	.13	3.70	.03	1.96	<4	38	<2	16	4	<1	5	1
B 162062	2	61	5	5	<.5	24	19	2462	3.17	<5	<10	<4	7	56	<.4	5	<5	50	9.45	.081	30	18	3.51	335	.12	4.73	.04	2.27	4	53	3	18	5	<1	6	2
B 162063	<2	40	<5	3	<.5	22	19	2317	3.03	<5	<10	<4	7	87	<.4	<5	<5	48	11.15	.079	33	18	2.40	306	.12	4.49	.04	2.08	<4	55	2	17	4	<1	5	1
B 162064	<2	17	<5	5	<.5	24	13	3467	3.52	<5	<10	<4	9	28	<.4	<5	<5	47	7.88	.073	18	28	5.18	388	.11	4.47	.03	2.09	<4	44	2	15	3	<1	5	1
B 162065	<2	18	<5	9	<.5	18	11	2769	3.34	<5	<10	<4	9	26	<.4	<5	<5	51	7.07	.076	19	32	4.83	364	.12	4.85	.03	2.44	<4	44	2	14	3	1	6	1
B 162066	<2	39	<5	8	<.5	19	15	3391	3.29	<5	<10	<4	5	24	<.4	7	<5	45	9.13	.073	35	17	5.66	430	.11	4.14	.03	2.11	<4	36	2	15	4	1	5	1
B 162067	<2	37	<5	9	<.5	14	9	3772	2.72	<5	<10	<4	4	32	<.4	<5	<5	36	11.07	.072	33	13	6.02	271	.09	3.56	.03	1.86	<4	32	2	18	2	<1	4	2
B 162068	<2	53	<5	9	<.5	10	13	4021	2.15	<5	<10	<4	3	24	<.4	<5	<5	31	11.90	.078	32	10	6.80	302	.07	2.81	.03	1.48	<4	28	2	14	4	<1	3	2
B 162069	<2	96	<5	5	<.5	16	15	3004	2.98	<5	<10	<4	4	41	<.4	<5	<5	43	10.51	.082	38	15	4.50	437	.10	3.91	.03	2.06	<4	44	2	16	3	<1	5	1
B 162070	<2	17	<5	2	<.5	12	11	3033	2.32	<5	<10	<4	2	226	<.4	5	<5	27	20.41	.070	34	10	1.83	276	.07	2.44	.02	1.22	<4	27	2	16	3	<1	3	1
B 162071	<2	92	<5	3	<.5	19	15	2093	2.72	<5	<10	<4	6	176	<.4	<5	<5	44	14.83	.075	26	18	1.23	337	.12	4.23	.03	2.08	<4	44	<2	15	2	<1	5	1
B 162072	2	234	<5	3	<.5	23	13	1830	2.77	<5	<10	<4	9	166	<.4	<5	<5	53	11.90	.078	24	22	1.34	451	.18	5.48	.04	2.78	<4	50	<2	14	7	1	6	1
RE B 162072	2	225	<5	3	<.5	25	12	1810	2.71	<5	<10	<4	9	163	<.4	5	<5	53	11.79	.078	25	29	1.32	443	.17	5.39	.04	2.72	4	49	<2	14	7	1	6	2
RRE B 162072	2	210	<5	3	<.5	23	12	1749	2.62	<5	<10	<4	9	157	<.4	<5	<5	51	11.54	.076	22	38	1.28	431	.16	5.24	.04	2.65	<4	47	2	13	5	<1	6	2
B 162073	<2	337	<5	2	<.5	18	7	1719	2.68	<5	<10	<4	8	168	<.4	<5	<5	55	12.20	.079	31	37	1.14	466	.15	5.28	.03	2.84	<4	47	2	14	4	1	6	2
B 162074	<2	550	<5	3	<.5	23	9	1501	2.98	<5	<10	<4	8	170	<.4	<5	<5	53	10.39	.076	30	36	1.33	462	.15	5.17	.03	2.62	<4	49	3	13	4	<1	6	1
B 162075	<2	254	<5	<2	<.5	16	8	2074	2.39	<5	<10	<4	6	174	<.4	<5	<5	45	15.00	.072	33	21	1.10	337	.13	4.31	.03	2.24	<4	43	3	15	4	<1	5	1
B 162076	<2	258	5	3	<.5	20	9	1932	2.73	<5	<10	<4	7	146	<.4	<5	<5	54	12.50	.079	28	25	1.53	372	.15	5.00	.03	2.61	<4	53	3	14	5	<1	6	1
B 162077	<2	118	<5	16	<.5	23	11	3051	3.05	<5	<10	<4	7	27	<.4	<5	<5	49	8.61	.075	24	20	5.61	343	.11	4.73	.03	2.36	<4	48	3	19	4	<1	6	1
B 162078	4	87	<5	7	<.5	20	10	2527	2.36	<5	<10	<4	7	27	<.4	<5	<5	38	7.28	.091	22	18	4.74	337	.09	4.26	.03	2.12	4	41	3	15	4	<1	5	1
B 162079	<2	231	<5	4	<.5	16	11	2223	2.21	<5	<10	<4	12	140	<.4	<5	<5	45	10.22	.109	105	25	3.00	455	.12	4.57	.03	2.36	<4	52	3	16	5	<1	5	1
STANDARD CT3/AU-R	23	60	35	165	6.5	37	11	876	3.82	47	20	<4	23	225	21.6	15	23	123	1.52	.098	26	250	.87	982	.37	7.12	1.75	1.83	29	44	22	14	22	4	8	462

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162080	<2	147	<5	2	<.5	14	7	2388	1.65	<5	<10	<4	4	222	<.4	<5	<5	33	17.42	.083	30	19	1.06	282	.08	3.33	.04	1.53	<4	38	2	13	3	<1	4	2
B 162081	2	260	21	<2	<.5	15	7	2841	1.72	5	<10	<4	<2	234	<.4	<5	<5	26	21.24	.062	37	13	1.03	242	.06	2.57	.02	1.12	4	32	3	17	3	<1	3	2
B 162082	<2	157	<5	2	<.5	17	8	2182	1.98	<5	<10	<4	4	162	<.4	<5	<5	39	15.81	.063	27	17	1.29	491	.11	3.72	.03	1.73	<4	42	3	12	3	<1	4	2
B 162083	<2	116	<5	2	<.5	17	9	2285	2.13	<5	<10	<4	5	177	<.4	<5	<5	38	15.89	.073	31	18	1.25	313	.11	3.86	.03	1.84	5	43	2	14	5	<1	4	1
B 162084	<2	205	<5	3	<.5	15	8	1880	2.18	<5	<10	<4	4	125	<.4	<5	<5	38	14.51	.068	35	23	1.22	348	.13	3.93	.03	1.96	<4	50	2	15	5	<1	5	<1
B 162085	<2	256	<5	3	<.5	20	10	2165	2.78	<5	<10	<4	5	213	<.4	<5	<5	42	14.51	.066	29	28	1.38	329	.13	4.16	.03	1.94	5	45	2	15	5	<1	5	1
B 162086	<2	421	<5	<2	<.5	16	8	2179	2.33	<5	<10	<4	5	226	<.4	<5	<5	34	16.31	.069	25	24	1.03	282	.12	3.61	.03	1.71	<4	45	2	14	4	<1	4	1
B 162087	<2	308	12	21	<.5	18	10	1984	2.66	<5	<10	<4	6	110	.4	<5	<5	43	12.61	.081	22	32	1.85	362	.11	4.29	.03	2.09	4	52	3	16	5	<1	5	<1
B 162088	<2	41	<5	6	<.5	28	15	1764	2.74	<5	<10	<4	8	97	<.4	<5	<5	44	9.94	.089	25	29	2.42	375	.11	5.07	.03	2.30	4	53	2	14	4	<1	6	1
B 162089	<2	62	<5	4	<.5	22	14	1523	3.65	<5	11	<4	11	52	<.4	<5	<5	47	6.44	.124	23	32	3.73	424	.11	5.08	.03	2.38	<4	56	3	16	3	<1	6	2
B 162090	5	67	<5	4	<.5	14	9	1840	2.87	<5	<10	<4	6	70	<.4	<5	<5	39	11.19	.107	39	29	3.23	373	.10	4.09	.03	2.04	5	51	4	17	4	<1	5	2
RE B 162090	5	71	<5	5	<.5	16	9	1892	2.95	<5	<10	<4	5	71	<.4	<5	<5	39	11.48	.108	39	27	3.30	381	.10	4.18	.03	2.09	<4	51	3	18	3	<1	5	<1
RRE B 162090	5	62	<5	4	<.5	15	9	1832	2.79	<5	<10	<4	6	72	<.4	<5	<5	39	11.46	.108	40	25	3.10	374	.10	4.12	.03	2.07	5	49	3	17	4	<1	5	1
B 162091	<2	205	<5	<2	<.5	11	5	2132	1.35	<5	<10	<4	3	150	<.4	<5	<5	35	18.55	.082	69	26	.92	300	.10	3.38	.03	1.71	7	43	2	17	6	<1	4	1
B 162092	<2	233	<5	5	<.5	13	7	2456	2.51	<5	<10	<4	6	49	<.4	<5	<5	41	10.04	.077	21	25	5.16	340	.09	3.63	.03	1.85	<4	44	<2	15	3	<1	4	1
B 162093	<2	218	<5	5	<.5	12	8	2696	2.45	<5	<10	<4	4	46	<.4	<5	<5	41	9.08	.072	24	28	5.13	373	.09	3.80	.02	1.98	<4	47	<2	15	3	<1	5	<1
B 162094	<2	195	<5	2	<.5	13	7	2388	1.79	<5	<10	<4	5	140	<.4	<5	<5	39	14.72	.064	25	27	1.92	339	.12	3.76	.03	1.88	5	46	3	14	5	<1	5	1
B 162095	4	56	5	11	<.5	12	6	4107	2.20	<5	<10	<4	2	105	<.4	<5	<5	21	13.76	.044	23	9	5.86	338	.05	2.12	.02	.97	<4	28	2	28	5	<1	3	<1
B 162096	2	217	<5	3	<.5	18	11	2095	2.20	<5	<10	<4	7	133	<.4	<5	<5	48	13.55	.071	23	30	1.60	395	.13	4.75	.03	2.55	<4	45	2	14	4	<1	6	1
B 162097	<2	275	<5	<2	<.5	14	6	2930	1.86	<5	<10	<4	4	226	<.4	<5	<5	32	19.50	.066	28	14	1.19	458	.08	3.11	.03	1.61	4	33	2	13	4	<1	4	<1
B 162098	<2	171	<5	<2	<.5	12	8	2820	1.74	<5	<10	<4	4	229	<.4	<5	<5	34	19.93	.069	30	14	.95	280	.09	3.36	.03	1.74	4	33	2	13	4	<1	4	1
B 162099	<2	33	5	10	<.5	17	10	3688	2.61	<5	<10	<4	3	35	<.4	<5	<5	37	10.62	.073	39	15	6.31	539	.08	3.49	.04	1.66	<4	35	<2	16	4	<1	4	1
B 162100	<2	29	<5	4	<.5	20	7	1292	2.48	<5	<10	<4	11	39	<.4	<5	<5	76	6.56	.083	29	38	2.53	592	.18	6.98	.04	3.96	<4	66	4	16	4	<1	9	<1
B 162101	<2	24	<5	<2	<.5	12	6	2851	1.61	<5	<10	<4	<2	112	<.4	<5	<5	33	14.69	.054	37	13	3.32	518	.09	3.33	.03	1.71	<4	37	<2	23	4	<1	4	<1
B 162102	<2	213	5	<2	<.5	11	5	2035	1.50	<5	<10	<4	7	183	<.4	<5	<5	47	15.43	.059	16	26	.86	418	.12	4.32	.03	2.41	4	49	3	20	5	<1	6	1
B 162103	<2	6	<5	2	<.5	15	6	1919	1.69	<5	<10	<4	9	194	<.4	<5	<5	45	14.33	.068	13	30	1.10	368	.12	4.34	.03	2.21	<4	50	3	17	4	<1	5	<1
B 162104	3	57	<5	<2	<.5	22	13	2122	2.04	<5	<10	<4	5	182	<.4	<5	<5	29	15.21	.090	25	19	1.36	409	.08	3.55	.03	1.56	4	37	2	15	3	<1	4	1
RE B 162104	3	55	<5	<2	<.5	23	12	2131	2.04	<5	<10	<4	6	183	<.4	5	<5	30	15.28	.090	29	14	1.37	413	.08	3.56	.03	1.57	5	38	2	15	4	<1	4	1
RRE B 162104	3	59	<5	<2	<.5	21	12	2080	1.95	<5	<10	<4	5	178	<.4	<5	<5	29	15.00	.086	24	18	1.29	406	.08	3.55	.03	1.62	<4	39	<2	15	3	<1	4	1
B 162105	<2	41	<5	4	<.5	21	12	1677	2.36	<5	<10	<4	7	135	<.4	<5	<5	49	12.55	.098	38	43	1.30	423	.14	5.24	.03	2.77	4	54	4	20	5	<1	6	1
B 162106	3	40	<5	2	<.5	14	6	2561	1.60	<5	<10	<4	5	198	<.4	<5	<5	28	18.79	.062	23	12	1.08	285	.08	3.12	.02	1.52	4	37	<2	26	3	<1	4	1
B 162107	2	29	<5	<2	<.5	18	11	1789	2.11	<5	10	<4	7	156	<.4	<5	<5	41	13.04	.069	23	22	1.28	342	.13	4.31	.03	2.13	<4	45	<2	17	3	<1	5	2
B 162108	<2	29	<5	<2	<.5	21	10	1504	2.51	<5	<10	<4	9	114	<.4	<5	<5	56	11.27	.066	33	28	1.37	421	.16	5.19	.03	2.67	5	56	2	23	6	<1	7	2
B 162109	<2	45	<5	<2	<.5	15	8	2235	1.57	<5	<10	<4	3	167	<.4	<5	<5	27	18.20	.068	29	13	1.03	206	.08	2.84	.02	1.35	4	36	<2	22	3	<1	4	2
B 162110	3	23	<5	<2	<.5	17	7	2153	1.59	<5	<10	<4	2	163	<.4	<5	<5	29	17.55	.088	36	16	1.10	220	.07	3.05	.02	1.40	4	35	<2	23	3	<1	4	<1
STANDARD CT3/AU-R	23	61	35	167	5.8	37	12	861	3.85	54	18	<4	22	225	21.5	20	21	126	1.60	.094	26	248	.90	967	.37	7.12	1.73	1.79	29	46	18	14	20	4	8	508

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	AU* ppb
B 162111	<2	20	<5	<2	<.5	11	5	1838	1.57	11	<10	<4	4	168	<.4	<5	<5	42	14.13	.093	34	25	.88	388	.11	4.20	.04	2.25	6	45	3	18	5	<1	6	3
B 162112	<2	58	<5	<2	<.5	12	6	2330	1.54	<5	<10	<4	3	220	<.4	<5	<5	28	18.21	.078	27	12	.90	255	.07	2.80	.02	1.33	4	33	<2	15	3	<1	4	2
B 162113	<2	32	<5	<2	<.5	17	8	2054	1.87	<5	<10	<4	3	187	<.4	<5	<5	38	16.46	.068	28	17	1.11	318	.10	3.65	.03	1.73	4	39	2	15	4	<1	5	1
B 162114	<2	186	<5	2	<.5	20	12	1719	2.48	8	<10	<4	3	138	<.4	<5	<5	44	13.80	.077	45	20	1.23	406	.12	4.29	.03	2.14	6	49	4	25	5	<1	5	1
B 162115	<2	143	<5	<2	<.5	14	14	2354	1.88	6	<10	<4	3	108	<.4	<5	<5	33	15.09	.079	34	15	1.82	235	.10	3.50	.03	1.87	5	58	<2	26	5	<1	4	2
B 162116	<2	169	<5	8	<.5	20	10	2927	3.14	7	<10	<4	2	34	<.4	<5	<5	45	9.40	.076	51	17	5.26	393	.10	4.36	.03	2.24	5	49	<2	21	5	<1	6	1
B 162117	<2	94	<5	2	<.5	17	8	1974	2.13	5	<10	<4	4	196	<.4	<5	<5	40	16.19	.072	33	17	1.06	321	.11	3.68	.02	1.86	5	41	<2	22	5	<1	5	1
B 162118	<2	206	<5	<2	<.5	13	7	2571	2.01	<5	<10	<4	2	159	<.4	<5	<5	30	19.02	.067	34	11	1.37	266	.08	2.99	.03	1.54	4	38	2	29	4	<1	4	1
B 162119	<2	156	<5	6	<.5	20	9	2612	2.81	8	<10	<4	7	35	<.4	<5	<5	54	8.46	.084	28	21	4.55	370	.11	4.78	.05	2.51	5	58	2	22	5	<1	6	1
B 162120	<2	50	<5	7	<.5	19	9	1725	3.50	<5	10	<4	4	54	<.4	<5	<5	49	8.40	.102	39	24	4.34	349	.10	4.51	.03	2.37	<4	55	2	27	3	<1	6	1
RE B 162120	<2	48	<5	5	<.5	19	9	1696	3.46	5	<10	<4	4	53	<.4	<5	<5	48	8.27	.100	38	22	4.27	345	.10	4.44	.03	2.34	4	54	<2	27	3	<1	6	1
RRE B 162120	<2	45	<5	5	<.5	18	9	1681	3.38	<5	10	<4	4	53	<.4	<5	<5	47	8.24	.100	37	21	4.23	340	.10	4.39	.03	2.32	<4	54	2	27	3	<1	6	1
B 162121	6	71	6	8	<.5	8	5	1865	4.41	<5	<10	<4	<2	69	<.4	6	<5	25	12.20	.049	24	11	4.85	189	.04	1.88	.03	1.00	4	24	<2	35	3	<1	3	4
B 162122	<2	147	<5	7	<.5	15	10	3260	2.89	<5	<10	<4	4	47	<.4	<5	<5	35	10.87	.068	27	17	4.81	275	.08	3.43	.03	1.75	<4	46	<2	21	4	<1	4	1
B 162123	<2	38	<5	6	<.5	17	28	2841	3.10	<5	<10	<4	4	40	<.4	<5	<5	41	9.64	.076	31	17	4.14	351	.09	3.75	.03	1.99	<4	47	<2	18	3	<1	5	2
B 162124	<2	51	<5	6	<.5	15	20	2995	2.61	<5	<10	<4	3	37	<.4	<5	<5	41	9.60	.070	36	16	5.38	299	.10	3.78	.03	1.99	<4	45	<2	21	3	<1	5	1
B 162125	<2	74	<5	5	<.5	15	16	1725	2.61	<5	<10	<4	4	70	<.4	5	<5	50	11.04	.074	35	23	2.55	361	.13	4.59	.03	2.49	4	54	<2	19	5	<1	6	1
B 162126	<2	81	<5	2	<.5	11	10	2719	1.96	6	<10	<4	<2	129	<.4	7	<5	31	18.49	.060	33	10	2.08	261	.08	2.60	.03	1.41	4	34	2	27	3	<1	4	1
B 162127	<2	197	<5	<2	<.5	13	20	2190	2.17	7	<10	<4	2	170	<.4	<5	<5	35	18.56	.064	28	15	1.08	1149	.08	3.04	.03	1.63	4	35	<2	23	3	<1	4	1
B 162128	<2	282	<5	6	<.5	21	18	2628	3.67	<5	<10	<4	4	42	<.4	<5	<5	50	9.09	.075	34	21	5.11	337	.10	4.34	.03	2.24	4	48	<2	22	4	<1	6	1
B 162129	<2	25	<5	8	<.5	24	19	2594	3.36	<5	<10	<4	6	27	<.4	<5	<5	56	7.49	.070	34	20	5.24	1697	.11	4.89	.03	2.52	7	50	2	22	5	<1	6	1
B 162130	<2	222	<5	6	<.5	21	24	2557	3.90	8	<10	<4	6	26	<.4	5	<5	60	6.93	.072	42	26	4.79	359	.14	5.29	.04	2.88	5	59	2	20	6	<1	7	<1
B 162131	<2	67	5	7	<.5	19	14	3079	3.24	<5	<10	<4	8	27	<.4	<5	<5	58	8.36	.071	23	21	5.61	332	.13	5.10	.03	2.78	5	58	2	29	5	<1	7	1
B 162132	<2	63	<5	8	<.5	14	9	3271	2.69	6	<10	<4	4	33	<.4	<5	<5	41	10.15	.063	27	18	6.14	234	.10	3.58	.03	1.84	5	39	<2	24	5	<1	5	1
B 162133	<2	31	<5	8	<.5	15	9	3627	2.72	<5	<10	<4	5	39	<.4	<5	<5	47	9.25	.068	28	16	5.61	329	.11	4.03	.03	2.18	6	46	<2	25	5	<1	5	<1
B 162134	<2	52	<5	7	<.5	18	15	3289	2.81	5	<10	<4	3	33	<.4	<5	<5	43	9.72	.075	35	15	5.79	301	.09	3.75	.03	1.99	4	43	<2	27	4	<1	5	1
RE B 162134	<2	51	<5	8	<.5	19	16	3357	2.88	8	<10	<4	4	34	<.4	6	<5	46	9.98	.077	37	16	5.95	310	.09	3.87	.03	2.06	6	41	<2	28	5	<1	5	1
RRE B 162134	<2	51	<5	7	<.5	18	14	3295	2.81	5	<10	<4	4	33	<.4	<5	<5	43	9.82	.075	34	15	5.85	294	.08	3.69	.03	1.96	4	39	<2	27	4	<1	5	2
B 162135	<2	109	<5	6	<.5	22	16	2236	3.08	<5	<10	<4	4	68	<.4	<5	<5	50	10.23	.083	38	18	3.80	314	.10	4.29	.02	2.19	<4	53	2	25	3	<1	6	1
B 162136	<2	160	<5	6	<.5	17	10	4004	2.88	<5	<10	<4	4	58	<.4	<5	<5	40	10.06	.069	23	15	5.04	299	.09	3.76	.03	1.95	<4	43	<2	19	2	<1	5	1
B 162137	<2	38	<5	4	<.5	22	19	2378	2.98	<5	<10	<4	8	107	<.4	5	<5	50	11.20	.075	27	18	2.83	301	.13	4.60	.03	2.36	8	49	2	17	4	<1	6	1
B 162138	<2	102	<5	<2	.5	21	15	2355	2.68	<5	<10	<4	4	170	<.4	<5	<5	44	15.25	.068	33	20	1.53	297	.12	3.90	.03	1.97	4	40	<2	17	4	<1	5	1
B 162139	<2	143	<5	<2	<.5	13	6	2365	2.03	<5	<10	<4	2	173	<.4	<5	<5	37	17.85	.069	33	13	.93	227	.10	3.31	.03	1.76	4	33	<2	18	3	<1	5	2
B 162140	<2	223	<5	4	<.5	21	12	1503	2.81	<5	<10	<4	7	118	<.4	<5	<5	50	11.02	.079	29	25	1.39	367	.15	4.91	.03	2.59	6	50	<2	20	5	<1	6	2
B 162141	<2	180	<5	2	<.5	17	10	2042	2.14	<5	<10	<4	4	156	<.4	<5	<5	35	15.60	.072	26	13	1.30	784	.10	3.55	.03	1.81	<4	41	<2	23	3	<1	5	1
STANDARD CT3/AU-R	23	63	37	167	6.0	36	12	895	4.00	58	15	<4	22	234	21.9	22	21	126	1.58	.098	27	247	.91	1022	.38	6.98	1.81	1.85	30	46	19	15	22	4	9	450

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162142	<2	106	9	9	<.5	22	12	1812	3.02	<5	<10	<4	9	134	.5	<5	<5	50	13.90	.082	40	26	1.54	357	.15	4.69	.04	2.21	<4	48	<2	23	2	3	6	2
B 162143	<2	59	<5	6	<.5	23	11	1862	2.73	<5	<10	<4	9	135	<.4	<5	<5	51	13.85	.078	39	22	1.71	335	.12	4.50	.04	2.07	<4	47	<2	28	2	3	5	2
B 162144	<2	173	7	10	<.5	18	8	2224	2.21	<5	<10	<4	8	208	.5	<5	<5	44	16.04	.076	31	22	1.22	362	.11	4.05	.03	1.99	35	43	<2	17	2	2	5	1
B 162145	<2	380	6	3	<.5	13	6	2593	2.14	<5	<10	<4	6	175	<.4	<5	<5	32	17.64	.079	32	17	1.24	288	.09	3.11	.03	1.60	<4	36	<2	22	<2	2	4	1
B 162146	2	304	8	7	<.5	14	6	2264	2.30	<5	<10	<4	7	153	<.4	<5	<5	40	13.72	.085	49	20	1.49	385	.13	4.13	.03	2.21	<4	47	<2	22	5	3	5	1
B 162147	<2	284	<5	5	<.5	25	11	1449	3.25	<5	<10	<4	14	120	.7	<5	<5	63	8.94	.087	21	37	1.76	510	.19	6.07	.03	3.22	<4	66	<2	12	<2	3	7	1
B 162148	<2	382	8	3	<.5	20	7	2187	2.43	<5	<10	<4	7	208	.7	<5	<5	45	15.35	.067	36	19	1.14	412	.12	4.33	.03	2.23	<4	42	2	19	<2	3	5	1
B 162149	2	205	12	3	<.5	14	7	2710	2.18	<5	<10	<4	8	257	.5	<5	<5	38	17.35	.079	32	16	1.09	451	.10	3.88	.03	1.98	<4	42	<2	13	3	2	4	2
B 162150	4	485	6	5	<.5	22	10	1916	2.93	6	<10	<4	10	148	.8	<5	<5	53	11.22	.077	35	28	1.62	353	.16	5.32	.04	2.70	<4	48	<2	13	6	3	6	1
B 162151	3	118	9	6	<.5	21	12	1904	2.83	<5	<10	<4	9	152	.4	<5	<5	53	12.31	.072	44	28	1.36	370	.15	5.16	.04	2.67	<4	44	<2	13	<2	3	6	<1
B 162152	2	78	<5	3	<.5	11	15	3380	1.73	<5	<10	<4	3	347	.5	<5	<5	24	23.86	.064	33	9	.76	290	.07	2.15	.02	1.04	<4	26	<2	15	<2	1	3	1
B 162153	2	39	<5	5	<.5	19	22	2343	2.58	<5	<10	<4	7	196	.7	<5	<5	44	15.31	.074	30	20	1.04	445	.14	4.17	.03	2.13	<4	42	<2	14	<2	2	5	1
B 162154	<2	176	<5	4	<.5	20	12	1907	2.87	<5	<10	<4	10	148	.6	<5	<5	56	11.53	.085	43	28	1.24	400	.17	5.37	.04	2.89	<4	46	3	13	<2	3	6	1
RE B 162154	<2	176	<5	4	<.5	18	12	1866	2.80	<5	<10	<4	10	144	<.4	<5	<5	54	11.33	.083	38	27	1.21	391	.16	5.27	.03	2.82	<4	46	<2	12	<2	3	6	1
RRE B 162154	<2	170	<5	5	<.5	17	13	1894	2.87	<5	<10	<4	10	148	.5	<5	<5	56	11.53	.086	39	27	1.23	401	.17	5.38	.04	2.91	<4	46	<2	12	<2	3	6	1
B 162155	2	77	5	4	<.5	30	23	1697	3.25	<5	<10	<4	11	135	.7	<5	<5	51	10.23	.111	44	26	1.69	855	.14	5.19	.03	2.51	<4	42	2	17	2	3	6	1
B 162156	<2	25	<5	4	<.5	20	11	2005	2.70	<5	<10	<4	8	171	.4	<5	<5	55	13.25	.072	39	25	1.31	347	.15	5.04	.03	2.67	<4	43	<2	24	<2	3	6	1
B 162157	<2	60	<5	7	<.5	22	14	1984	2.41	<5	<10	<4	9	149	.7	<5	<5	43	13.97	.069	30	22	1.30	299	.12	4.45	.03	2.25	<4	53	<2	23	4	3	5	1
B 162158	2	663	9	5	<.5	10	6	3924	1.83	<5	<10	<4	3	108	.4	<5	<5	21	17.54	.053	26	8	4.64	143	.07	2.00	.03	1.01	<4	26	<2	34	7	1	3	1
B 162159	<2	98	<5	11	.5	24	18	3319	3.48	<5	<10	<4	7	21	.9	<5	<5	54	9.12	.062	33	17	6.07	536	.11	3.95	.03	2.08	<4	39	2	30	<2	2	6	1
B 162160	<2	24	<5	7	4.1	12	12	3653	2.15	<5	<10	<4	6	86	.7	<5	<5	36	14.72	.069	36	12	4.66	378	.08	2.78	.03	1.53	<4	35	<2	24	<2	2	4	1
B 162161	<2	26	<5	8	<.5	20	24	2709	2.40	5	<10	<4	6	279	.6	<5	<5	40	17.26	.074	42	16	1.45	270	.11	3.64	.04	1.88	<4	41	<2	18	<2	2	5	1
B 162162	<2	56	<5	7	<.5	22	19	2416	3.25	<5	<10	<4	8	154	.5	<5	<5	55	12.20	.077	61	20	2.01	368	.16	4.63	.03	2.49	<4	46	4	21	<2	3	6	<1
B 162163	3	23	7	12	<.5	26	25	2419	3.96	<5	<10	<4	9	54	<.4	<5	<5	63	8.97	.077	29	20	3.69	293	.12	4.67	.33	2.25	<4	47	<2	21	<2	3	6	3
B 162164	<2	13	<5	5	<.5	19	20	2269	2.64	<5	<10	<4	9	167	<.4	<5	<5	46	15.11	.082	22	17	1.48	233	.13	3.97	.04	2.01	<4	42	3	20	<2	2	5	1
RE B 162164	<2	10	<5	5	.9	20	18	2317	2.68	<5	<10	<4	9	171	.5	<5	<5	47	15.53	.087	23	18	1.51	238	.12	4.05	.03	2.04	<4	42	2	21	<2	2	5	1
RRE B 162164	<2	13	<5	6	<.5	18	17	2243	2.56	<5	<10	<4	9	165	<.4	11	<5	44	15.14	.081	23	19	1.46	230	.11	3.85	.03	1.95	<4	39	<2	20	<2	2	5	1
B 162165	3	6	<5	8	<.5	15	6	2265	1.83	<5	<10	<4	10	209	<.4	<5	<5	47	13.96	.079	23	20	1.12	393	.14	4.55	.03	2.62	<4	43	3	18	3	3	6	3
B 162166	<2	34	<5	8	<.5	18	8	2149	2.20	<5	<10	<4	10	203	.4	<5	<5	51	12.34	.082	35	24	1.26	426	.14	4.61	.03	2.53	5	42	4	16	2	3	6	1
B 162167	2	100	<5	9	<.5	22	14	2828	2.75	<5	<10	<4	7	284	<.4	<5	<5	46	15.06	.072	38	18	1.41	316	.14	4.14	.03	2.19	<4	40	<2	12	<2	3	5	1
B 162168	<2	13	6	6	<.5	16	11	2442	2.33	<5	<10	<4	10	248	.5	<5	<5	52	15.00	.082	32	19	1.01	342	.16	4.80	.81	2.22	<4	45	<2	17	3	3	6	1
B 162169	<2	37	<5	6	<.5	18	18	3053	2.60	<5	<10	<4	8	212	<.4	<5	<5	43	15.07	.077	36	15	1.63	319	.11	3.97	.47	1.89	<4	39	2	19	<2	2	5	1
B 162170	<2	42	<5	5	<.5	14	16	2433	2.84	<5	<10	<4	10	124	<.4	<5	<5	56	11.74	.075	31	29	1.36	399	.15	5.24	.95	2.44	<4	42	<2	18	<2	2	6	1
B 162171	<2	31	<5	5	<.5	20	12	2491	2.79	<5	<10	<4	10	152	.5	<5	<5	55	12.87	.084	45	25	1.27	300	.15	5.08	.94	2.28	<4	48	4	15	<2	2	6	<1
B 162172	2	11	<5	6	<.5	20	14	2700	2.96	<5	<10	<4	9	149	.6	<5	<5	56	12.56	.076	51	25	1.51	327	.14	5.05	.72	2.43	<4	44	4	16	<2	3	6	1
STANDARD CT3/AU-R	24	65	39	175	5.4	38	13	869	4.06	54	19	<4	23	226	21.9	15	13	128	1.56	.102	26	264	.91	981	.37	6.98	1.78	1.83	28	44	19	12	15	7	8	433

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162173	3	19	5	10	<.5	14	12	2052	2.44	<5	<10	<4	8	134	<.4	<5	<5	52	10.53	.071	23	22	1.06	256	.15	4.67	1.12	1.94	<4	45	2	18	3	<1	6	2
B 162174	<2	17	<5	14	<.5	25	13	1680	3.42	<5	<10	<4	7	112	<.4	<5	<5	59	10.10	.073	56	23	1.41	316	.16	5.01	.97	1.97	<4	45	<2	22	4	<1	7	1
B 162175	<2	10	<5	8	<.5	24	19	2016	2.92	<5	<10	<4	6	119	<.4	<5	<5	56	11.81	.069	30	25	1.52	428	.14	4.75	.48	2.31	<4	44	2	24	4	<1	7	<1
B 162176	<2	21	<5	8	<.5	20	15	2634	3.50	<5	<10	<4	4	61	<.4	<5	<5	56	9.25	.071	49	22	3.57	402	.13	4.46	.03	2.46	<4	47	2	24	4	<1	6	1
B 162177	8	64	<5	8	<.5	23	22	2368	3.50	<5	<10	<4	6	25	<.4	<5	<5	62	6.42	.084	48	23	4.74	771	.13	5.07	.03	2.89	<4	50	3	19	3	<1	7	1
B 162178	2	56	<5	9	<.5	19	10	3474	3.44	<5	<10	<4	5	20	<.4	<5	<5	46	8.29	.090	44	17	5.69	512	.11	4.24	.03	2.32	<4	45	2	20	2	<1	5	1
B 162179	10	3	<5	12	<.5	20	9	4448	4.38	<5	<10	<4	5	24	.4	<5	<5	55	9.83	.082	39	18	6.60	295	.10	4.30	.03	2.30	<4	38	3	32	3	<1	7	1
B 162180	<2	2	<5	16	<.5	24	9	4342	4.37	<5	<10	<4	6	23	<.4	<5	<5	61	9.58	.081	33	19	6.74	408	.10	4.46	.03	2.29	4	46	<2	33	4	<1	7	<1
B 162181	3	3	<5	12	<.5	18	6	4481	4.05	<5	<10	<4	7	24	<.4	<5	<5	54	9.76	.062	25	16	6.59	355	.10	3.92	.04	1.98	<4	33	2	32	4	<1	7	2
B 162182	2	<2	6	7	<.5	21	8	2788	3.28	<5	<10	<4	8	19	<.4	<5	<5	57	7.66	.083	15	16	5.83	252	.10	4.33	.24	2.10	<4	37	3	22	3	<1	6	2
RE B 162182	2	<2	<5	9	<.5	22	8	2826	3.31	<5	<10	<4	8	19	<.4	<5	<5	59	7.77	.084	16	17	5.90	254	.11	4.36	.25	2.14	<4	38	2	22	3	<1	6	1
RRE B 162182	2	<2	<5	8	<.5	23	8	2921	3.39	<5	<10	<4	8	20	<.4	<5	<5	62	7.93	.086	17	19	6.03	263	.11	4.49	.25	2.21	4	40	3	23	5	<1	6	2
B 162183	<2	<2	<5	12	<.5	20	7	3224	3.11	<5	<10	<4	8	25	<.4	<5	<5	56	8.55	.084	15	16	5.98	193	.11	4.27	.85	1.79	4	43	2	24	5	<1	6	2
B 162184	9	<2	6	14	<.5	13	7	3445	2.72	<5	<10	<4	3	29	<.4	<5	<5	42	9.09	.108	38	14	6.25	226	.07	3.38	.31	1.60	<4	34	<2	19	3	<1	4	2
B 162185	<2	2	16	26	12.3	22	7	1952	3.29	<5	<10	<4	8	29	<.4	<5	<5	64	6.29	.079	30	23	4.60	201	.12	4.95	.96	2.06	<4	56	11	22	2	<1	6	1
B 162186	16	<2	<5	13	<.5	16	6	2302	2.86	<5	<10	<4	7	31	<.4	<5	<5	57	7.33	.078	24	17	5.03	178	.12	4.48	1.09	1.74	<4	48	2	23	<2	<1	6	3
B 162187	2	<2	<5	12	<.5	21	8	2229	3.09	<5	<10	<4	9	23	<.4	<5	<5	61	6.58	.081	26	20	5.06	291	.11	4.78	.91	1.96	<4	53	<2	25	3	<1	6	<1
B 162188	<2	4	<5	13	<.5	23	10	2178	3.84	<5	<10	<4	8	21	<.4	<5	<5	63	5.72	.075	31	20	4.85	330	.13	4.65	.68	2.12	<4	50	2	19	2	<1	7	1
B 162189	<2	<2	<5	10	<.5	15	6	2807	2.90	<5	<10	<4	5	28	<.4	<5	<5	51	7.77	.089	36	15	5.44	230	.11	3.94	.35	1.89	<4	41	2	21	2	<1	5	1
B 162190	<2	<2	<5	14	<.5	19	10	2791	3.31	<5	<10	<4	7	28	<.4	<5	<5	54	7.45	.107	74	22	5.75	308	.11	4.06	.04	1.95	<4	45	2	28	3	<1	7	1
B 162191	<2	260	<5	37	<.5	43	22	1605	6.05	7	<10	<4	2	42	<.4	5	<5	263	3.78	.065	31	42	4.32	870	.49	6.97	3.10	1.71	5	35	3	21	5	<1	20	2
B 162192	<2	11	<5	37	<.5	41	22	623	6.95	<5	<10	<4	11	24	<.4	5	<5	104	.73	.082	25	55	3.76	685	.24	6.32	.36	4.78	5	52	2	7	9	<1	8	3
B 162193	7	8	<5	29	<.5	40	27	597	5.40	<5	<10	<4	9	24	<.4	<5	<5	97	1.06	.049	20	46	3.29	589	.20	6.32	.86	4.49	<4	44	3	7	6	<1	8	6
RE B 162193	6	8	<5	27	<.5	39	26	590	5.34	<5	<10	<4	9	24	<.4	<5	<5	93	1.05	.048	19	44	3.25	582	.19	6.22	.83	4.41	<4	44	<2	7	5	<1	8	3
RRE B 162193	6	7	<5	28	<.5	40	26	596	5.39	<5	<10	<4	10	24	<.4	<5	<5	95	1.06	.048	19	44	3.27	585	.20	6.29	.86	4.47	<4	44	3	7	5	<1	8	3
B 162194	2	62	<5	31	<.5	38	34	1376	7.49	<5	<10	<4	2	23	<.4	<5	<5	278	2.88	.070	25	35	3.43	253	.44	6.25	2.77	2.06	5	32	2	15	3	<1	16	2
B 162195	<2	23	<5	25	<.5	41	51	1145	6.95	<5	<10	<4	<2	33	<.4	<5	<5	396	3.47	.073	39	20	4.25	674	.54	6.42	1.71	3.73	<4	28	<2	18	2	<1	23	1
STANDARD CT3	24	61	43	173	6.1	37	12	895	4.03	61	17	<4	24	231	22.8	20	23	130	1.58	.100	29	259	.91	1009	.38	7.01	1.80	1.88	30	47	24	15	21	4	9	460

Standard is STANDARD CT3/AU-R. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Major General Resources Ltd. PROJECT OLYMPIC File # 97-5223 Page 1

1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: Sean P. Butler

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
162196	5	359	<5	45	<.5	54	85	1809	6.84	13	<10	<4	5	35	.9	7	<5	161	4.42	.065	34	59	5.12	466	.26	6.25	2.09	1.55	7	50	<2	19	8	<1	15	12
162197	<2	9	<5	67	<.5	75	43	1924	8.56	<5	<10	<4	<2	32	.7	5	<5	323	2.25	.063	28	42	4.52	571	.46	7.12	2.50	1.38	<4	18	<2	14	2	<1	22	5
162198	<2	238	<5	38	<.5	53	55	1209	7.33	6	<10	<4	4	22	.8	<5	<5	279	2.48	.076	38	33	3.96	425	.40	6.55	2.11	2.23	6	33	<2	15	4	<1	17	5
162199	2	185	7	39	<.5	40	30	966	5.04	<5	<10	<4	8	23	<.4	<5	<5	122	3.46	.067	34	45	4.46	690	.21	5.89	.99	3.13	<4	40	4	13	8	<1	9	4
162200	<2	164	5	54	<.5	115	44	1535	5.98	<5	<10	<4	2	15	.7	<5	<5	203	1.64	.050	33	126	8.80	197	.31	7.35	.29	1.27	5	52	<2	12	2	1	20	5
162201	<2	6	5	58	<.5	99	32	1009	6.26	<5	<10	<4	3	9	<.4	<5	<5	205	.56	.047	28	105	8.15	201	.27	6.97	.03	1.27	<4	54	<2	10	<2	1	18	5
RE 162201	<2	7	<5	60	<.5	100	30	1049	6.36	<5	<10	<4	3	10	<.4	<5	<5	210	.60	.050	30	115	8.28	209	.28	7.13	.02	1.31	<4	57	<2	11	<2	1	19	4
RRE 162201	<2	5	<5	58	<.5	99	31	1036	6.35	<5	<10	<4	4	10	.5	<5	<5	209	.59	.049	30	112	8.26	207	.27	7.12	.03	1.30	<4	56	<2	10	<2	1	18	3
162202	<2	7	<5	70	<.5	87	39	1028	7.88	<5	<10	<4	3	12	.4	<5	<5	324	.46	.073	29	96	9.55	488	.42	7.40	.02	.77	4	51	<2	10	<2	2	20	4
162203	<2	5	<5	47	<.5	85	37	556	6.39	7	<10	<4	6	21	.5	<5	<5	207	.48	.070	28	100	8.93	2302	.32	7.06	.02	1.19	<4	62	<2	11	3	1	16	<1
162204	<2	6	6	56	<.5	123	32	951	5.34	5	<10	<4	3	17	.5	<5	<5	234	1.26	.044	14	130	8.59	713	.39	7.70	.37	1.75	<4	56	<2	10	<2	1	23	1
162205	<2	33	<5	58	<.5	129	43	1065	6.26	<5	<10	<4	3	14	<.4	<5	<5	225	1.20	.040	13	134	8.42	260	.37	7.46	.43	1.26	<4	52	<2	10	<2	1	23	<1
162206	<2	7	<5	63	<.5	141	38	591	6.44	<5	<10	<4	3	6	<.4	<5	<5	267	.17	.043	19	163	9.33	328	.41	8.24	.03	1.73	<4	60	<2	10	<2	2	23	<1
162207	<2	6	<5	56	<.5	131	40	496	6.46	<5	<10	<4	3	6	.4	<5	<5	266	.17	.044	9	148	9.19	343	.42	8.19	.02	1.76	<4	58	<2	8	<2	2	25	3
162208	<2	4	<5	57	<.5	117	35	630	6.73	7	<10	<4	4	9	.4	6	<5	255	.39	.051	13	128	8.79	389	.41	8.17	.05	1.85	5	64	<2	9	<2	2	23	1
162209	<2	2	<5	40	<.5	38	21	416	7.03	<5	<10	<4	12	10	<.4	<5	<5	122	.24	.077	20	45	7.37	245	.19	6.23	.02	1.32	<4	53	<2	7	5	1	9	3
162210	<2	2	<5	43	<.5	47	22	495	8.24	6	<10	<4	12	20	<.4	5	<5	126	.30	.087	26	50	5.40	927	.20	6.46	.04	3.09	7	64	5	7	8	1	9	5
162211	<2	3	<5	43	<.5	43	20	612	7.32	<5	<10	<4	13	13	<.4	<5	<5	115	.31	.084	24	47	6.19	377	.17	6.50	.03	2.55	<4	57	3	7	4	<1	9	5
162212	<2	3	<5	34	<.5	39	22	354	7.72	<5	<10	<4	12	10	<.4	<5	<5	111	.26	.097	28	42	6.63	225	.18	6.10	.02	1.56	<4	55	<2	7	6	1	9	5
162213	<2	3	<5	26	<.5	23	15	191	8.93	<5	<10	<4	13	17	<.4	<5	<5	103	.20	.070	11	33	5.43	435	.22	4.91	.03	1.54	<4	54	<2	5	9	<1	6	2
162214	2	7	<5	27	<.5	41	24	591	7.13	<5	<10	<4	11	20	<.4	<5	<5	128	1.50	.085	41	40	4.78	615	.22	5.95	.19	2.35	<4	57	4	10	5	<1	9	1
162215	<2	48	<5	24	<.5	40	21	335	9.51	<5	<10	<4	10	12	<.4	<5	<5	144	.72	.022	109	44	5.14	197	.16	5.24	.67	.39	<4	63	3	8	6	<1	8	1
RE 162215	<2	49	7	22	<.5	40	20	323	9.31	<5	<10	<4	9	12	<.4	<5	<5	141	.72	.023	106	42	5.05	193	.15	5.13	.66	.36	<4	59	2	8	5	<1	8	1
RRE 162215	<2	50	<5	23	<.5	39	21	335	9.33	<5	<10	<4	10	12	.4	<5	<5	142	.73	.024	111	45	5.15	198	.15	5.26	.68	.37	<4	61	4	8	6	<1	8	1
162216	2	4	<5	31	<.5	52	24	674	6.05	<5	<10	<4	9	18	<.4	<5	<5	125	1.79	.078	27	55	5.46	859	.24	6.06	.08	2.34	<4	50	2	9	8	<1	11	2
162217	2	4	<5	25	<.5	34	28	1052	5.26	<5	<10	<4	10	19	<.4	<5	<5	95	3.60	.082	34	39	4.53	746	.19	5.75	.18	3.25	5	44	<2	13	11	<1	9	5
162218	<2	409	9	51	<.5	117	83	1128	6.82	<5	11	<4	<2	18	.6	<5	<5	212	3.20	.042	61	133	5.71	375	.32	7.43	.62	2.30	<4	48	<2	15	<2	<1	22	<1
162219	3	4	<5	32	<.5	44	26	1186	5.93	<5	<10	<4	10	24	.5	<5	<5	121	3.93	.087	34	39	4.92	498	.20	5.92	.09	2.91	4	47	4	13	9	<1	10	1
162220	2	4	<5	23	<.5	32	16	1031	4.72	<5	<10	<4	10	21	.6	<5	<5	87	3.42	.084	26	32	4.18	542	.16	5.74	.14	3.42	7	42	2	11	11	<1	7	3
162221	<2	2	<5	25	<.5	32	14	914	4.46	<5	<10	<4	11	20	<.4	<5	<5	86	3.14	.067	16	32	4.01	442	.14	5.53	.05	3.80	<4	48	<2	10	8	<1	8	3
162222	<2	3	<5	21	<.5	25	10	624	4.22	<5	<10	<4	11	21	.4	<5	<5	64	2.47	.062	21	32	3.27	509	.14	5.44	.07	4.60	7	51	<2	8	12	<1	6	3
162223	2	4	<5	28	<.5	39	17	922	5.39	<5	<10	<4	10	19	<.4	<5	<5	95	3.07	.081	27	34	4.11	461	.18	5.49	.05	3.45	<4	49	2	11	9	<1	7	4
162224	<2	3	<5	36	<.5	46	18	742	6.10	<5	<10	<4	13	22	<.4	<5	<5	102	1.73	.071	17	40	3.49	757	.17	5.88	.17	4.15	4	50	2	6	8	<1	6	3
162225	3	4	5	29	<.5	42	18	646	5.20	<5	<10	<4	10	26	<.4	<5	<5	96	1.64	.070	17	36	3.11	991	.15	5.74	.23	4.13	<4	47	2	6	7	<1	5	3
STANDARD CT3/AU-R	25	61	38	155	5.8	37	13	885	4.11	51	29	<4	24	235	22.1	20	22	133	1.60	.104	29	257	.91	1013	.38	6.88	1.84	1.85	28	49	21	14	20	5	8	478

ICP - .250 GRAM SAMPLE IS DIGESTED WITH 10ML HCLO4-HNO3-HCL-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL, ZR & MN AND MASSIVE SULFIDE SAMPLES. AS, CR, SB, AU SUBJECT TO LOSS BY VOLATILIZATION DURING HCLO4 FUMING.

- SAMPLE TYPE: CORE AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 9 1997 DATE REPORT MAILED: Sep 17/97 SIGNED BY. D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Date ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
162226	3	4	<5	32	<.5	33	16	1036	3.91	<5	<10	<4	10	20	.5	<5	<5	71	3.35	.063	16	35	4.49	409	.13	5.06	.06	3.18	6	44	2	11	13	<1	6	3
162227	2	2	<5	19	<.5	23	11	1124	3.72	<5	<10	<4	11	18	<.4	<5	<5	79	4.73	.086	24	25	4.93	260	.16	4.71	.02	2.00	<4	52	3	18	13	<1	9	1
162228	<2	3	5	10	<.5	13	8	319	2.32	<5	<10	<4	13	136	<.4	<5	<5	75	1.03	.105	20	33	1.79	4028	.21	4.73	.03	2.55	7	68	5	13	16	<1	7	1
162229	<2	3	5	15	<.5	21	9	677	3.12	<5	<10	<4	12	24	<.4	<5	<5	67	2.59	.092	24	26	3.59	595	.18	4.71	.02	1.92	4	54	2	12	15	<1	8	1
162230	5	15	<5	27	<.5	41	20	885	5.72	<5	<10	<4	8	31	<.4	<5	<5	164	1.77	.084	40	36	3.02	1790	.33	6.50	.08	6.10	7	54	5	12	8	<1	11	8
RE 162230	5	15	5	29	<.5	43	21	876	5.71	<5	<10	<4	8	31	<.4	<5	<5	164	1.74	.086	41	39	2.98	1773	.34	6.41	.08	6.09	8	57	5	12	8	<1	11	10
RRE 162230	5	14	<5	27	<.5	41	20	855	5.58	<5	<10	<4	8	30	<.4	<5	<5	160	1.68	.083	39	37	2.89	1720	.33	6.25	.07	5.89	6	55	<2	12	9	<1	11	8
162231	4	15	<5	32	<.5	41	24	1137	6.42	<5	<10	<4	9	39	<.4	<5	<5	170	2.26	.086	45	40	3.12	2845	.32	5.85	.07	4.89	5	45	4	15	8	<1	12	12
162232	<2	2	<5	34	<.5	30	11	291	4.66	<5	<10	<4	12	17	<.4	<5	<5	92	.44	.062	48	38	3.63	916	.21	5.79	.04	3.46	6	50	2	9	12	<1	7	4
162233	<2	2	<5	37	<.5	34	12	365	5.54	<5	<10	<4	12	21	<.4	<5	<5	91	.56	.077	40	43	3.70	1594	.22	6.47	.05	4.19	<4	55	3	10	9	<1	8	5
162234	<2	4	<5	31	<.5	20	14	733	4.14	<5	<10	<4	11	33	<.4	<5	<5	68	1.55	.056	23	35	3.09	2337	.18	6.00	.29	4.42	4	41	4	9	12	<1	6	<1
162235	<2	4	5	27	<.5	43	16	701	4.91	<5	<10	<4	10	26	<.4	<5	<5	105	1.46	.065	32	48	3.28	1658	.22	6.17	.07	5.29	5	41	3	11	11	<1	9	6
162236	5	16	10	32	<.5	50	53	586	6.19	6	<10	<4	8	19	<.4	<5	<5	183	1.03	.113	54	38	4.52	1355	.30	6.07	.05	3.78	10	48	3	12	9	<1	11	19
162237	<2	3	<5	52	.8	38	32	560	8.55	5	<10	<4	3	14	<.4	5	<5	452	.30	.080	18	9	7.77	1013	.92	6.17	.02	1.04	4	38	<2	19	<2	1	28	1
162238	<2	3	<5	59	<.5	41	45	946	9.59	<5	<10	<4	2	19	.6	<5	<5	387	.67	.075	17	13	7.37	454	.87	5.88	.06	.89	5	22	2	21	2	<1	28	<1
162239	5	16	<5	55	.5	46	73	565	8.86	5	<10	<4	3	16	.4	<5	<5	448	.38	.115	46	13	8.98	1012	.98	6.19	.01	.17	6	54	3	21	2	1	27	1
162240	4	22	<5	45	<.5	34	72	622	6.03	<5	11	<4	7	68	<.4	<5	<5	196	.87	.185	52	29	5.00	1613	.25	5.21	.03	2.35	4	43	2	11	7	<1	8	11
162241	<2	3	<5	21	<.5	21	8	308	3.93	<5	<10	<4	8	40	<.4	<5	<5	54	.39	.048	58	34	2.59	2372	.14	5.09	.05	4.32	5	46	3	6	13	<1	5	<1
162242	<2	4	<5	27	<.5	17	9	250	4.53	<5	<10	<4	10	23	<.4	<5	<5	60	.25	.053	48	34	4.12	949	.15	5.43	.04	3.57	5	59	<2	10	12	<1	6	<1
162243	3	3	<5	36	<.5	34	15	347	5.56	<5	<10	<4	13	22	<.4	<5	<5	131	.65	.234	69	33	5.28	492	.21	5.56	.05	2.67	<4	50	2	12	8	<1	7	<1
162244	<2	3	<5	37	<.5	31	21	374	5.45	<5	<10	<4	10	25	.4	<5	<5	147	.30	.064	24	31	6.03	1685	.28	5.88	.04	2.75	5	44	2	7	9	<1	9	<1
162245	<2	4	<5	30	<.5	25	8	385	5.03	<5	<10	<4	10	25	<.4	<5	<5	84	.40	.058	46	34	3.88	713	.19	5.35	.06	3.52	5	50	<2	6	14	<1	6	<1
162246	<2	3	<5	20	<.5	23	7	258	5.44	<5	<10	<4	11	23	<.4	<5	<5	117	.30	.063	16	34	3.46	654	.23	5.38	.05	3.83	<4	59	3	7	11	<1	7	<1
RE 162246	<2	2	<5	22	<.5	25	7	271	5.53	<5	<10	<4	11	24	<.4	<5	<5	119	.32	.066	17	35	3.61	683	.23	5.61	.05	4.03	<4	61	3	7	10	<1	8	<1
RRE 162246	<2	2	<5	19	<.5	22	7	254	5.26	<5	<10	<4	11	23	<.4	<5	<5	114	.30	.063	16	32	3.44	653	.22	5.36	.05	3.82	<4	59	3	7	9	<1	7	<1
162247	<2	3	7	20	<.5	22	6	173	7.62	<5	<10	<4	11	23	<.4	<5	<5	211	.19	.069	4	41	4.25	796	.37	6.19	.05	4.27	4	72	4	8	4	<1	14	1
162248	<2	2	<5	21	<.5	30	7	309	5.83	<5	<10	<4	11	25	<.4	<5	<5	102	.28	.066	13	37	3.06	845	.19	5.70	.06	4.36	5	49	3	5	10	<1	7	<1
162249	<2	2	<5	21	<.5	26	6	224	4.46	<5	<10	<4	13	22	.4	<5	<5	72	.21	.060	10	35	3.93	646	.15	5.41	.04	3.27	6	48	<2	5	12	<1	6	<1
162250	<2	3	<5	15	<.5	12	4	227	3.64	<5	<10	<4	15	16	<.4	<5	<5	55	.55	.072	17	27	3.86	277	.15	4.09	.03	2.02	<4	70	2	8	9	<1	6	<1
162251	<2	2	<5	37	<.5	37	12	499	6.42	<5	<10	<4	13	18	<.4	<5	<5	100	.67	.078	29	45	6.88	390	.20	5.97	.05	2.22	4	56	2	9	10	<1	8	1
162252	<2	2	<5	28	<.5	30	9	375	4.86	<5	<10	<4	11	23	.5	<5	<5	68	.40	.059	50	41	2.87	906	.21	6.35	.08	5.87	8	42	2	8	13	<1	7	<1
162253	<2	<2	5	38	<.5	33	10	486	5.52	5	<10	<4	13	34	.5	<5	<5	78	.97	.059	28	49	3.89	905	.20	6.35	.07	4.58	9	49	3	10	14	<1	7	<1
162254	<2	2	<5	39	<.5	30	9	341	4.97	<5	<10	<4	12	25	<.4	<5	<5	71	.43	.055	19	45	3.21	798	.21	5.98	.10	4.68	4	47	3	6	12	<1	7	<1
162255	3	2	<5	47	<.5	72	15	512	6.46	<5	<10	<4	9	17	<.4	<5	<5	120	.19	.049	44	170	4.52	625	.25	6.43	.13	4.10	5	39	<2	8	10	<1	12	<1
162256	<2	2	<5	37	<.5	32	10	316	5.25	<5	<10	<4	11	21	<.4	<5	<5	74	.25	.054	50	47	3.23	1189	.20	6.01	.07	5.07	<4	49	<2	7	11	<1	6	<1
STANDARD CT3/AU-R	24	60	38	151	5.5	37	12	841	4.07	44	20	<4	25	228	21.3	18	23	131	1.55	.100	28	254	.90	983	.38	6.98	1.72	1.80	29	49	23	14	21	4	8	481

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data G FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
162257	<2	<2	<5	66	<.5	43	20	733	7.63	7	<10	<4	15	48	.9	<5	<5	105	1.38	.065	23	71	8.20	697	.24	7.20	.05	3.13	<4	59	3	10	10	1	10	2
162258	2	<2	<5	55	<.5	35	18	397	6.55	<5	<10	<4	14	25	.5	<5	<5	108	.44	.078	18	48	6.03	956	.22	6.84	.06	4.25	<4	57	3	7	7	<1	8	9
RE 162258	2	2	<5	54	<.5	34	17	383	6.47	<5	<10	<4	14	25	<.4	<5	<5	106	.43	.078	18	47	5.97	961	.22	6.83	.06	4.26	<4	57	5	7	8	<1	8	5
RRE 162258	2	<2	<5	53	<.5	34	17	380	6.42	<5	<10	<4	13	25	.4	<5	<5	105	.42	.076	18	46	5.85	938	.22	6.68	.06	4.14	<4	56	<2	7	8	<1	8	12
162259	15	3	<5	38	<.5	37	14	398	6.12	<5	<10	<4	11	29	<.4	<5	<5	105	.34	.079	45	42	3.51	1612	.23	6.42	.40	4.51	<4	51	3	9	11	<1	7	4
162260	<2	2	<5	25	<.5	28	8	426	4.46	<5	<10	<4	10	30	<.4	<5	<5	62	.61	.055	41	37	2.92	895	.18	6.21	.37	4.81	<4	40	<2	8	10	<1	6	<1
162261	<2	3	<5	31	<.5	21	9	541	2.65	<5	<10	<4	12	28	<.4	<5	<5	72	.73	.060	21	35	4.31	1244	.18	5.56	.07	3.55	<4	64	2	8	12	<1	6	1
162262	<2	3	<5	29	<.5	32	10	359	2.65	<5	<10	<4	14	27	<.4	<5	<5	64	.21	.057	6	37	3.75	1028	.17	6.54	.21	5.26	<4	56	3	7	9	<1	6	<1
162263	<2	3	<5	32	<.5	30	10	267	2.81	<5	<10	<4	12	27	<.4	<5	<5	64	.26	.057	4	43	3.77	823	.15	6.53	.07	5.57	<4	53	3	6	9	<1	6	<1
162264	8	38	14	35	.6	38	30	417	5.53	<5	<10	<4	10	32	<.4	<5	<5	121	.41	.081	58	49	3.80	1719	.22	6.74	.07	5.42	<4	61	3	10	8	<1	7	25
162265	2	4	5	33	<.5	30	11	517	5.30	<5	<10	<4	11	30	<.4	<5	<5	91	1.27	.070	48	49	3.09	956	.23	6.38	.26	5.48	<4	48	2	12	11	<1	7	<1
162266	3	6	<5	32	<.5	32	21	427	5.44	<5	<10	<4	10	25	<.4	<5	<5	100	.70	.067	55	40	3.32	749	.21	6.33	.36	4.45	<4	81	2	11	10	<1	6	21
162267	4	6	<5	33	<.5	37	71	527	6.34	<5	<10	<4	10	27	<.4	<5	<5	152	1.43	.094	36	37	3.58	1352	.30	6.44	.07	5.50	<4	64	2	15	8	<1	10	12
162268	<2	<2	<5	58	<.5	51	21	705	7.48	<5	<10	<4	12	17	.8	<5	<5	177	.56	.081	21	47	7.77	318	.27	6.60	.03	1.88	<4	58	2	10	6	1	13	3
162269	2	2	<5	45	<.5	45	19	529	6.63	<5	<10	<4	9	24	<.4	<5	<5	153	.74	.067	32	44	5.85	597	.29	6.75	.06	3.36	<4	65	<2	12	6	<1	11	5
162270	3	2	<5	36	<.5	41	21	454	6.70	<5	<10	<4	11	20	<.4	<5	<5	128	.39	.088	50	47	4.53	713	.22	6.59	.06	4.38	<4	58	2	10	9	<1	8	1
RE 162270	3	2	5	37	<.5	39	20	452	6.64	6	<10	<4	11	20	<.4	8	<5	128	.37	.086	50	48	4.51	707	.22	6.56	.06	4.35	4	60	4	9	11	<1	8	2
RRE 162270	3	<2	<5	36	<.5	39	20	451	6.54	<5	<10	<4	11	20	<.4	<5	<5	126	.39	.089	48	53	4.51	716	.20	6.61	.06	4.41	<4	59	2	10	9	<1	8	2
162271	3	3	<5	33	<.5	32	14	453	7.06	<5	<10	<4	12	41	<.4	<5	<5	105	.49	.069	41	53	3.51	2685	.23	6.39	.07	5.03	<4	59	4	8	9	<1	7	3
162272	<2	4	<5	31	<.5	29	17	734	5.80	<5	<10	<4	8	40	<.4	<5	<5	121	1.63	.062	49	44	3.36	1467	.31	6.16	.07	5.52	<4	42	<2	13	10	<1	10	9
162273	2	3	5	32	<.5	39	12	689	4.93	<5	<10	<4	11	32	<.4	<5	<5	85	1.35	.068	49	45	3.06	1272	.20	6.35	.33	5.10	<4	43	3	10	10	<1	7	1
162274	<2	3	<5	24	<.5	29	10	797	4.96	<5	<10	<4	11	27	<.4	<5	<5	87	1.90	.072	40	45	2.85	865	.22	6.13	.21	5.55	<4	48	2	12	11	<1	7	1
162275	<2	2	6	28	<.5	30	10	897	4.65	<5	<10	<4	11	24	<.4	<5	<5	78	1.80	.061	45	45	3.18	871	.19	5.90	.07	5.19	<4	48	<2	11	8	<1	7	1
162276	2	3	<5	36	<.5	36	23	564	6.71	<5	<10	<4	11	27	.5	<5	<5	121	.50	.074	39	51	4.11	949	.23	6.24	.07	4.52	<4	59	3	9	10	<1	7	4
162277	2	2	<5	25	<.5	21	19	323	5.99	<5	<10	<4	12	25	<.4	5	<5	110	.72	.066	22	54	3.85	758	.23	7.10	.08	6.62	5	50	3	8	11	<1	7	7
162278	2	2	<5	35	<.5	42	26	415	6.96	<5	<10	<4	12	22	<.4	5	<5	144	.33	.094	43	50	4.22	1013	.22	6.53	.06	4.58	<4	55	2	8	10	<1	7	18
162279	3	6	<5	37	<.5	46	71	1077	8.28	<5	<10	<4	6	21	.7	<5	<5	224	1.97	.089	25	34	5.82	800	.20	5.46	.03	2.16	<4	46	3	11	7	<1	12	9
162280	2	5	<5	34	<.5	39	16	2063	7.06	<5	<10	<4	8	20	.6	<5	<5	78	4.63	.067	60	40	6.39	300	.17	5.05	.02	1.41	<4	52	3	16	12	1	9	<1
162281	2	6	<5	25	<.5	36	23	1257	5.38	<5	<10	<4	9	22	<.4	<5	<5	81	3.78	.064	44	43	4.65	410	.16	5.41	.05	3.90	<4	43	2	13	12	<1	17	1
162282	3	3	<5	29	<.5	41	12	512	5.77	<5	<10	<4	12	24	<.4	<5	<5	118	.69	.076	38	52	3.29	772	.26	6.52	.07	5.45	4	54	<2	9	11	<1	8	4
162283	2	2	<5	41	<.5	31	13	482	5.08	<5	<10	<4	10	37	.4	<5	<5	100	1.21	.060	41	44	3.65	625	.25	5.68	.05	3.96	<4	54	<2	11	13	<1	8	<1
162284	<2	2	<5	56	.5	48	32	741	7.61	<5	<10	<4	7	26	.5	7	<5	240	.51	.063	28	37	5.93	941	.48	6.14	.05	2.69	4	42	<2	12	9	1	15	3
162285	2	2	<5	52	<.5	51	32	1022	8.16	<5	<10	<4	2	38	.6	<5	6	414	1.17	.061	16	28	6.31	733	.80	6.43	.43	2.07	<4	22	3	16	3	1	27	<1
162286	<2	5	11	40	.7	53	38	1183	8.18	6	<10	<4	3	45	<.4	8	<5	315	2.37	.060	32	32	4.57	818	.68	6.21	.07	4.19	5	27	<2	20	9	<1	23	5
162287	2	339	<5	41	<.5	32	134	1714	6.85	<5	<10	<4	5	102	.6	<5	7	225	4.14	.063	36	33	2.80	1443	.45	5.84	.53	4.68	<4	44	2	19	10	<1	15	3
STANDARD CT3/AU-R	26	61	41	159	5.8	38	13	879	4.13	52	19	<4	25	236	22.8	17	22	135	1.59	.101	28	263	.93	1023	.39	7.17	1.80	1.89	28	52	19	15	21	5	9	477

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data / FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
162288	16	176	<5	57	.5	62	216	1595	14.40	<5	<10	<4	3	83	<.4	<5	<5	458	2.78	.063	26	35	4.38	1661	.68	6.77	.52	3.66	5	64	2	20	4	<1	25	17
162289	2	115	<5	35	<.5	48	111	1555	12.95	<5	<10	<4	2	108	<.4	<5	<5	415	3.75	.065	31	29	3.62	1262	.57	5.95	.17	3.96	<4	45	<2	17	3	<1	23	9
162290	2	53	5	33	.6	42	155	1325	12.22	5	<10	<4	<2	73	.4	<5	<5	368	2.78	.083	26	32	3.78	1591	.57	6.25	.42	4.06	6	51	3	18	8	1	23	10
162291	3	130	<5	33	<.5	48	109	1489	10.33	<5	<10	<4	2	53	<.4	<5	<5	342	3.47	.059	33	28	4.14	1110	.53	6.15	.10	5.08	<4	42	<2	18	5	<1	21	10
162292	2	32	<5	37	<.5	45	128	890	12.12	<5	<10	<4	2	40	<.4	<5	<5	470	1.60	.052	18	30	5.78	1083	.76	6.42	.09	3.18	<4	57	4	15	3	<1	22	17
162293	5	42	<5	36	.6	44	118	990	11.66	<5	<10	<4	6	47	<.4	<5	<5	453	2.30	.049	174	32	5.29	848	.53	6.31	.10	3.59	<4	57	<2	16	6	<1	24	7
162294	<2	39	<5	69	<.5	48	166	923	11.92	<5	<10	<4	<2	19	<.4	<5	<5	484	.68	.056	54	34	8.68	343	.72	7.23	.03	1.60	<4	86	2	16	6	1	24	1
162295	<2	16	<5	26	<.5	36	129	1051	10.84	6	<10	<4	<2	55	<.4	<5	<5	386	3.05	.053	23	29	4.20	1229	.55	5.96	.12	4.72	<4	63	<2	18	5	<1	23	1
RE 162295	<2	17	<5	28	<.5	37	128	1038	10.40	<5	<10	<4	2	55	<.4	<5	5	372	3.03	.052	24	26	4.17	1229	.52	5.97	.12	4.72	<4	62	<2	19	5	<1	23	2
RRE 162295	<2	19	<5	30	.5	37	122	1048	10.73	9	<10	<4	<2	56	<.4	<5	<5	385	3.07	.057	23	27	4.20	1240	.53	6.02	.13	4.77	<4	60	4	18	6	<1	23	2
162296	<2	13	<5	32	.6	44	107	932	14.33	<5	<10	<4	4	47	<.4	<5	<5	435	1.73	.057	13	29	4.09	1175	.60	6.42	.39	4.11	<4	58	<2	15	5	<1	25	1
162297	<2	12	<5	41	<.5	56	89	1255	12.16	<5	<10	<4	<2	50	<.4	<5	<5	453	2.27	.068	35	30	5.02	1152	.62	6.61	.07	4.26	<4	71	<2	18	4	<1	26	1
162298	<2	13	<5	34	<.5	51	87	1146	11.16	5	<10	<4	2	51	<.4	<5	<5	453	3.28	.079	25	29	4.96	880	.67	6.23	.07	4.39	<4	70	3	19	5	<1	24	<1
162299	4	5	<5	36	<.5	39	42	539	7.48	<5	<10	<4	8	25	<.4	<5	<5	166	.61	.079	38	42	4.56	848	.34	6.28	.06	3.96	5	60	2	11	11	<1	10	6
162300	2	12	<5	28	<.5	32	16	772	6.35	<5	<10	<4	10	47	<.4	<5	<5	113	1.92	.076	36	43	3.19	1334	.25	6.36	.13	5.09	<4	49	<2	12	11	<1	9	7
162301	2	12	5	31	<.5	33	19	1216	6.29	<5	<10	<4	9	37	<.4	<5	<5	79	4.06	.078	53	40	4.84	784	.23	6.16	.37	3.75	<4	46	3	15	14	<1	8	10
162302	7	6	<5	11	<.5	12	5	664	2.77	<5	<10	<4	8	41	<.4	<5	<5	48	2.90	.056	34	30	2.14	1217	.17	5.96	.10	6.64	<4	31	<2	12	11	<1	7	5
162303	<2	7	5	19	<.5	25	10	694	4.48	<5	<10	<4	9	35	<.4	<5	<5	70	2.14	.059	45	39	2.74	1366	.19	6.13	.25	5.79	<4	35	<2	9	11	<1	6	<1
162304	<2	6	<5	19	<.5	27	22	797	4.98	<5	<10	<4	11	31	<.4	<5	<5	70	2.51	.060	37	41	3.28	1041	.22	6.63	.16	6.43	4	48	<2	13	14	<1	7	1
162305	<2	129	<5	30	<.5	34	31	833	6.94	<5	<10	<4	9	26	<.4	<5	<5	104	1.22	.069	40	41	3.61	934	.22	6.46	.09	5.02	<4	40	<2	9	11	<1	9	7
RE 162305	2	138	5	30	<.5	34	33	827	6.93	8	<10	<4	9	26	<.4	<5	<5	103	1.22	.069	41	40	3.60	927	.23	6.42	.09	4.98	<4	42	4	9	13	<1	9	1
RRE 162305	2	130	<5	28	<.5	34	36	824	7.22	5	<10	<4	9	26	<.4	<5	<5	107	1.20	.068	41	41	3.60	944	.23	6.49	.09	5.06	<4	42	2	9	11	<1	9	<1
162306	<2	15	<5	32	<.5	22	50	769	5.83	<5	<10	<4	11	25	<.4	<5	<5	70	1.39	.056	38	47	4.05	763	.27	6.54	.07	4.99	<4	39	<2	12	14	<1	7	1
162307	<2	5	<5	47	<.5	29	23	601	5.42	<5	<10	<4	11	30	<.4	<5	<5	83	.54	.062	30	48	6.24	835	.23	7.00	.05	3.62	<4	47	2	8	12	<1	8	<1
162308	<2	47	<5	45	<.5	29	55	952	6.23	<5	<10	<4	10	37	<.4	<5	<5	89	1.46	.061	35	50	5.77	1114	.27	7.33	.06	4.60	<4	49	3	11	13	<1	8	1
162309	<2	26	<5	49	<.5	37	89	932	8.12	<5	<10	<4	12	29	<.4	<5	<5	103	1.13	.080	43	55	5.83	738	.28	7.23	.06	4.08	<4	56	3	12	13	<1	9	4
162310	<2	18	<5	36	<.5	33	17	1653	5.27	<5	<10	<4	9	37	<.4	<5	<5	85	2.98	.036	26	41	4.37	979	.21	6.32	.07	4.82	<4	38	<2	11	11	<1	7	<1
162311	<2	63	<5	29	<.5	17	41	1367	4.07	<5	<10	<4	9	37	.6	<5	<5	68	3.38	.058	36	38	4.12	1017	.19	6.79	.08	6.00	<4	30	<2	12	12	<1	8	2
162312	<2	17	<5	35	<.5	31	40	1300	5.59	<5	<10	<4	11	27	<.4	<5	<5	86	2.26	.060	23	48	4.09	908	.22	7.01	.08	5.96	<4	31	2	12	12	<1	8	5
162313	<2	5	<5	37	<.5	26	91	1925	5.13	<5	<10	<4	10	31	<.4	<5	<5	85	3.12	.054	23	35	3.91	1218	.21	6.99	.09	6.61	<4	42	<2	14	12	<1	9	5
162314	<2	13	12	53	<.5	34	35	1745	5.64	<5	<10	<4	11	28	<.4	5	<5	88	2.54	.061	27	53	4.07	872	.23	7.17	.08	6.61	4	47	3	13	14	<1	8	3
162315	<2	10	<5	29	<.5	30	33	1651	5.57	<5	<10	<4	11	32	<.4	<5	<5	82	3.25	.057	25	43	4.31	728	.22	6.96	.09	6.38	<4	42	3	17	11	<1	7	2
162316	15	87	5	30	<.5	26	40	1235	5.82	<5	<10	<4	11	27	<.4	<5	<5	98	1.98	.041	23	47	3.92	723	.23	6.77	.09	5.71	<4	42	<2	11	15	<1	7	5
162317	4	77	5	39	<.5	44	41	1950	7.22	<5	<10	<4	2	35	<.4	<5	<5	326	3.40	.051	20	22	5.05	906	.68	6.01	.66	3.10	<4	27	2	22	10	1	20	<1
162318	<2	235	8	48	<.5	50	43	1508	8.82	<5	10	<4	<2	31	<.4	<5	<5	482	2.32	.073	19	22	5.66	987	.83	6.59	.74	2.51	<4	21	2	19	4	1	26	1
STANDARD CT3/AU-R	26	62	39	161	6.3	40	13	881	4.31	54	<10	<4	24	242	23.0	20	27	139	1.60	.103	30	270	.95	1066	.41	7.19	1.93	1.93	29	47	25	14	22	5	9	424

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
162319	4	37	<5	35	<.5	44	37	1152	7.05	<5	<10	<4	9	30	<.4	<5	<5	203	1.80	.073	29	44	4.56	906	.36	6.17	.09	3.86	4	35	3	11	7	<1	12	6
162320	<2	20	<5	24	<.5	32	14	650	5.55	<5	<10	<4	11	28	<.4	<5	<5	90	1.08	.066	35	44	3.09	1028	.20	5.98	.39	4.15	5	38	<2	8	7	<1	8	3
162321	2	24	<5	48	<.5	52	31	1548	7.75	7	<10	<4	4	27	<.4	<5	<5	248	1.65	.060	35	46	4.60	990	.45	6.46	.87	3.00	<4	24	2	11	2	<1	20	3
162322	<2	67	<5	28	<.5	34	22	848	5.64	<5	<10	<4	9	35	<.4	<5	<5	128	1.48	.069	40	43	3.31	951	.26	6.55	.97	4.16	5	26	<2	10	5	<1	12	3
162323	<2	2	<5	17	<.5	28	8	539	4.43	<5	<10	<4	11	40	<.4	<5	<5	67	1.22	.066	44	41	2.53	900	.19	6.38	1.59	3.67	5	25	<2	8	9	<1	7	2
162324	<2	2	<5	10	<.5	15	7	304	6.46	<5	<10	<4	8	24	<.4	<5	<5	61	.68	.069	25	27	1.11	1145	.15	5.33	.21	5.72	4	35	<2	5	11	<1	4	2
RE 162324	<2	<2	<5	8	<.5	15	7	310	6.47	<5	<10	<4	9	24	<.4	<5	<5	61	.69	.069	22	26	1.11	1155	.15	5.35	.20	5.73	<4	35	<2	5	10	<1	4	4
RRE 162324	<2	2	<5	9	<.5	15	7	320	6.64	6	<10	<4	9	25	<.4	<5	<5	63	.71	.071	24	26	1.14	1194	.16	5.54	.21	6.01	<4	35	<2	5	11	<1	4	9
162325	7	2	<5	20	<.5	38	10	275	6.08	6	<10	<4	11	24	.4	5	<5	86	.32	.079	27	44	2.35	816	.19	6.31	.30	4.98	7	47	<2	7	10	<1	8	3
162326	<2	2	<5	24	<.5	33	8	350	5.40	<5	<10	<4	11	36	<.4	<5	<5	81	.62	.073	53	44	2.61	698	.18	6.47	1.34	3.58	4	33	<2	8	6	<1	7	5
162327	2	5	<5	62	<.5	45	22	1386	6.67	<5	<10	<4	9	28	<.4	<5	<5	215	.98	.077	33	37	5.30	1203	.41	6.45	.06	3.65	<4	46	3	11	5	<1	13	3
162328	9	129	<5	62	.5	45	32	1786	8.50	5	<10	<4	2	25	.7	<5	<5	431	2.20	.087	24	20	6.10	1363	.66	6.15	.20	1.77	<4	53	<2	18	2	<1	21	4
162329	<2	90	<5	22	<.5	28	14	599	4.87	<5	<10	<4	11	27	<.4	<5	<5	81	1.10	.069	41	40	2.73	990	.21	6.04	.28	4.93	<4	36	<2	9	7	<1	7	3
162330	<2	7	<5	29	<.5	34	13	819	4.84	<5	<10	<4	9	35	<.4	<5	<5	137	1.51	.071	42	42	3.30	952	.31	6.43	.09	5.09	<4	34	<2	11	5	<1	11	5
162331	<2	21	<5	25	<.5	40	33	815	6.92	<5	<10	<4	5	18	<.4	<5	<5	212	1.06	.058	68	46	3.41	719	.35	6.38	.13	4.57	<4	31	<2	11	3	<1	16	1
162332	<2	3	5	17	<.5	23	10	525	4.23	<5	<10	<4	9	28	<.4	<5	<5	58	1.53	.053	33	37	2.85	936	.18	5.87	.08	5.15	<4	36	2	9	9	<1	6	2
162333	<2	3	5	19	<.5	31	20	222	6.22	<5	<10	<4	10	15	<.4	<5	<5	79	.38	.062	42	42	4.51	365	.17	5.88	.03	2.24	<4	46	2	8	7	<1	8	14
162334	<2	3	<5	17	<.5	30	18	430	6.52	<5	<10	<4	9	15	<.4	<5	<5	104	.98	.071	29	44	4.27	544	.18	6.02	.03	2.53	<4	53	<2	10	6	<1	11	7
162335	<2	3	<5	10	<.5	19	10	1221	3.08	<5	<10	<4	9	21	<.4	<5	<5	60	6.35	.079	27	23	5.67	186	.14	4.49	.02	1.88	<4	39	<2	13	8	<1	6	7
162336	<2	7	<5	20	<.5	27	19	426	5.14	<5	<10	<4	12	25	<.4	<5	<5	83	1.29	.064	29	46	4.47	1276	.20	6.48	.06	4.35	5	59	<2	11	8	<1	8	2
162337	<2	2	<5	19	<.5	31	16	644	5.13	<5	<10	<4	10	23	<.4	<5	<5	100	1.91	.079	41	36	3.64	1069	.21	6.00	.06	4.10	<4	46	<2	12	7	<1	8	3
RE 162337	2	3	5	20	<.5	30	16	630	5.12	<5	<10	<4	11	22	<.4	<5	<5	100	1.88	.079	41	36	3.59	1034	.21	5.93	.06	4.05	<4	47	2	12	6	<1	8	5
RRE 162337	2	3	<5	18	<.5	31	15	619	4.98	<5	<10	<4	10	22	<.4	<5	<5	98	1.85	.078	41	38	3.55	1033	.21	5.88	.05	4.01	<4	46	2	11	8	<1	8	7
162338	<2	22	<5	19	<.5	37	17	702	5.55	<5	<10	<4	9	15	<.4	<5	<5	87	1.53	.064	49	51	2.98	563	.23	6.89	.06	4.61	<4	47	3	10	7	<1	9	2
162339	<2	4	<5	13	<.5	28	12	854	5.17	6	<10	<4	10	25	<.4	<5	<5	77	2.55	.073	47	40	2.95	565	.19	6.02	.06	4.04	6	41	<2	12	10	<1	8	4
162340	4	311	<5	16	<.5	33	18	910	5.07	<5	<10	<4	10	24	<.4	<5	<5	81	3.39	.078	44	39	4.02	1188	.18	5.83	.04	3.44	<4	38	2	13	7	<1	8	8
162341	3	27	<5	14	<.5	29	15	735	4.50	<5	<10	<4	10	25	<.4	<5	<5	74	2.89	.071	45	38	3.54	947	.15	5.69	.05	3.61	<4	36	<2	12	8	<1	7	7
162342	3	36	<5	14	<.5	25	17	658	4.02	<5	<10	<4	11	22	<.4	<5	<5	66	2.49	.067	38	39	3.06	958	.16	5.82	.06	4.46	4	35	2	10	9	<1	7	5
162343	3	56	<5	17	<.5	30	15	839	4.62	<5	<10	<4	10	20	<.4	<5	<5	76	3.11	.075	47	35	3.68	768	.16	5.88	.05	3.54	<4	40	3	12	8	<1	7	9
162344	4	33	<5	19	<.5	32	17	1507	4.21	<5	<10	<4	9	25	<.4	<5	<5	78	5.09	.068	37	23	4.65	829	.14	4.93	.04	2.88	<4	33	<2	14	7	<1	8	3
162345	2	5	<5	15	<.5	26	14	1170	3.79	<5	<10	<4	9	26	<.4	<5	<5	62	5.10	.077	39	25	4.62	1125	.13	4.98	.41	2.37	<4	33	2	13	9	<1	6	4
162346	<2	3	<5	20	<.5	26	16	311	4.31	<5	<10	<4	12	28	<.4	<5	<5	73	.80	.059	36	46	2.48	1318	.21	6.71	1.87	2.98	4	34	<2	8	8	<1	7	4
162347	2	4	<5	22	<.5	27	17	475	5.23	<5	<10	<4	9	28	<.4	<5	<5	112	2.02	.086	41	38	5.12	1740	.23	5.62	.05	2.61	<4	47	2	11	8	<1	8	6
162348	<2	2	<5	13	<.5	18	10	1412	2.98	<5	<10	<4	10	21	.5	<5	<5	67	6.39	.079	35	28	5.13	305	.14	4.77	.04	2.39	4	38	<2	17	9	<1	6	1
162349	2	2	6	31	<.5	42	19	365	4.60	<5	<10	<4	13	17	<.4	<5	<5	123	.94	.094	38	47	5.16	335	.24	6.62	.03	2.16	<4	57	3	10	7	<1	9	9
STANDARD CT3/AU-R	25	60	32	154	5.5	37	12	837	4.04	58	24	<4	25	229	21.8	23	20	128	1.53	.101	28	254	.90	986	.37	7.09	1.77	1.82	30	49	20	14	20	4	8	446

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
162350	4	5	<5	42	<.5	52	36	618	4.97	<5	<10	<4	12	36	<.4	<5	<5	112	2.08	.094	43	48	5.69	434	.18	6.55	.05	2.87	4	47	2	12	5	<1	7	10
162351	4	3	<5	37	<.5	42	17	286	4.54	<5	<10	<4	12	28	<.4	<5	<5	105	1.11	.081	28	47	5.76	672	.19	7.02	.05	3.18	<4	49	4	10	6	<1	9	7
162352	2	2	<5	45	<.5	53	27	286	6.33	<5	12	<4	13	18	<.4	<5	<5	129	.74	.097	10	52	8.22	172	.21	7.01	.02	1.31	6	49	3	9	5	<1	10	7
162353	<2	2	<5	30	<.5	45	13	272	5.74	<5	<10	<4	12	17	.4	<5	<5	132	.77	.085	37	44	7.18	187	.23	6.47	.02	1.55	<4	40	<2	9	4	<1	13	2
162354	<2	2	<5	28	<.5	40	12	186	6.20	<5	<10	<4	12	12	.5	<5	<5	104	.35	.073	19	47	7.26	198	.22	6.42	.02	1.82	6	48	2	9	7	<1	11	8
162355	<2	3	<5	19	<.5	37	9	130	5.31	<5	<10	<4	12	15	<.4	<5	<5	77	.26	.068	25	42	4.73	492	.20	6.30	.05	3.51	<4	44	2	7	7	<1	7	6
162356	2	4	<5	23	<.5	41	8	177	4.66	<5	<10	<4	12	23	<.4	<5	<5	88	.53	.069	28	43	5.14	560	.23	6.44	.05	3.78	6	47	<2	9	10	<1	8	<1
RE 162356	2	3	<5	24	<.5	40	8	171	4.73	<5	<10	<4	13	23	<.4	<5	<5	90	.54	.068	27	45	5.17	554	.24	6.44	.05	3.77	<4	50	2	9	7	<1	8	1
RRE 162356	3	2	<5	24	<.5	40	8	179	4.71	<5	<10	<4	13	23	<.4	<5	<5	91	.55	.070	29	52	5.30	574	.23	6.64	.05	3.91	4	47	2	8	7	<1	8	<1
162357	2	6	<5	19	<.5	26	6	128	6.76	<5	<10	<4	11	12	<.4	<5	<5	88	.36	.081	23	37	4.16	289	.19	5.35	.03	2.52	7	42	4	7	9	<1	6	11
162358	<2	3	<5	23	<.5	34	16	191	6.85	<5	<10	<4	9	15	<.4	<5	<5	153	.49	.070	19	29	5.11	492	.26	5.62	.02	1.55	5	43	2	9	7	<1	11	6
162359	<2	4	<5	43	<.5	84	36	264	8.49	5	<10	5	2	24	<.4	<5	<5	403	.27	.072	27	33	10.92	998	.51	7.06	.01	.10	5	45	<2	10	<2	<1	24	3
162360	<2	2	<5	41	<.5	81	38	263	7.83	<5	<10	<4	2	13	<.4	<5	<5	400	.20	.067	32	30	10.42	514	.51	6.98	.01	.24	<4	48	2	10	<2	<1	24	6
162361	11	4	<5	39	<.5	63	30	409	6.24	<5	<10	<4	3	15	<.4	<5	<5	351	1.35	.072	34	32	9.32	658	.52	6.16	.01	.32	4	49	<2	11	2	<1	23	<1
162362	7	5	<5	24	<.5	32	59	322	3.77	<5	<10	<4	5	8	<.4	<5	<5	74	1.37	.041	10	29	5.52	56	.12	3.92	.02	.41	<4	32	<2	4	10	<1	5	<1
162363	7	9	9	22	<.5	24	55	727	3.40	<5	<10	<4	3	10	<.4	<5	<5	54	3.30	.033	29	24	4.27	42	.09	2.87	.02	.57	<4	25	<2	6	10	<1	4	<1
162364	3	26	<5	28	<.5	27	46	1071	3.94	<5	<10	<4	4	14	<.4	<5	<5	69	3.02	.031	12	28	4.15	66	.11	3.25	.02	.68	5	27	3	5	13	<1	4	<1
162365	13	19	10	29	<.5	30	76	758	3.96	<5	<10	<4	5	11	<.4	<5	<5	67	2.48	.032	17	28	3.72	89	.14	3.60	.02	.80	<4	31	3	6	13	<1	5	5
162366	<2	19	6	31	<.5	33	44	1077	4.07	<5	<10	<4	5	16	<.4	<5	<5	68	3.58	.035	14	33	4.04	127	.13	3.79	.04	.82	<4	28	2	7	11	<1	5	7
162367	<2	117	<5	27	<.5	25	21	1382	3.54	<5	<10	<4	4	22	<.4	<5	<5	64	5.79	.035	14	28	3.81	114	.12	3.64	.02	1.05	<4	27	2	9	11	<1	5	3
162368	3	546	6	33	<.5	17	41	1605	3.85	20	<10	<4	3	32	<.4	<5	<5	53	7.03	.036	25	25	3.77	118	.08	3.17	.02	1.01	<4	23	<2	10	10	<1	5	6
162369	3	199	47	39	<.5	29	107	1639	3.56	60	<10	<4	3	16	<.4	<5	<5	47	4.30	.046	10	28	4.14	77	.07	2.67	.03	.78	<4	24	<2	8	8	<1	4	5
162370	6	427	58	32	.6	24	46	1500	3.28	27	<10	<4	4	13	<.4	<5	<5	46	3.68	.040	6	32	3.34	82	.06	2.65	.02	.90	<4	23	<2	7	7	<1	4	6
162371	4	460	60	29	<.5	33	44	714	2.83	38	<10	<4	7	11	<.4	<5	<5	99	1.75	.059	20	59	2.47	273	.17	5.87	.02	2.67	<4	48	<2	10	6	<1	8	5
162372	<2	576	7	37	<.5	29	42	684	2.55	27	<10	<4	7	17	<.4	<5	<5	102	2.83	.067	31	60	2.27	313	.17	6.28	.03	2.83	<4	49	<2	11	8	<1	9	3
162373	<2	190	11	62	<.5	36	29	417	2.57	26	<10	<4	7	18	<.4	<5	<5	105	2.09	.062	32	64	1.98	350	.18	6.65	.04	3.11	<4	49	<2	9	7	<1	9	3
RE 162373	<2	191	9	65	<.5	35	29	420	2.58	22	<10	<4	8	18	<.4	<5	<5	105	2.09	.061	32	63	1.99	350	.18	6.62	.04	3.12	<4	51	<2	10	4	<1	9	3
RRE 162373	<2	196	12	63	<.5	36	31	428	2.60	30	<10	<4	7	18	<.4	<5	<5	108	2.12	.063	33	65	2.02	358	.19	6.76	.03	3.17	<4	51	2	9	6	<1	9	2
162374	<2	216	18	44	<.5	30	21	504	2.23	23	<10	<4	8	16	<.4	<5	<5	99	2.43	.066	21	59	1.77	339	.18	6.31	.03	3.01	<4	59	<2	11	7	<1	9	2
162375	2	216	14	21	<.5	35	24	528	2.27	31	<10	<4	9	17	.4	<5	<5	107	2.13	.065	41	67	1.88	368	.19	6.93	.03	3.40	<4	58	2	11	7	<1	9	1
162376	<2	63	<5	12	<.5	24	18	504	2.03	13	<10	<4	8	14	<.4	<5	<5	108	2.03	.065	28	68	1.77	378	.20	6.98	.03	3.49	<4	58	<2	10	7	<1	10	<1
162377	<2	48	<5	13	<.5	31	11	884	2.25	<5	<10	<4	7	28	<.4	<5	<5	95	3.78	.059	27	55	2.03	298	.16	5.93	.03	2.77	<4	47	<2	10	7	<1	8	<1
162378	2	106	11	13	<.5	37	17	803	2.26	20	<10	<4	8	12	<.4	<5	<5	109	2.26	.074	27	60	2.39	333	.17	6.35	.03	3.10	5	50	<2	10	9	<1	9	<1
162379	<2	47	6	10	<.5	24	7	723	1.97	5	<10	<4	7	15	<.4	<5	<5	104	2.52	.058	32	61	1.96	345	.17	6.44	.03	3.20	<4	47	<2	13	7	<1	9	<1
162380	<2	75	11	10	<.5	31	10	571	2.08	<5	<10	<4	8	16	<.4	<5	<5	114	2.36	.068	30	64	1.87	358	.19	6.89	.04	3.43	<4	54	<2	11	6	<1	10	<1
STANDARD CT3/AU-R	24	62	37	154	6.2	38	12	849	4.03	51	13	<4	26	231	21.4	20	21	132	1.53	.102	31	253	.89	1001	.38	6.98	1.76	1.83	28	51	17	15	22	4	8	423

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Date FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
162381	2	86	10	11	<.5	32	7	696	2.14	5	<10	<4	6	21	<.4	<5	<5	109	3.13	.058	31	66	1.90	338	.17	7.11	.03	3.20	<4	45	<2	10	4	1	9	2
162382	<2	44	7	10	<.5	34	12	576	2.10	9	<10	<4	5	17	<.4	<5	<5	116	2.35	.060	34	69	1.85	360	.19	7.42	.04	3.43	<4	44	<2	10	5	1	9	3
162383	2	66	6	9	<.5	33	15	394	1.97	12	<10	<4	8	14	<.4	<5	<5	129	1.57	.065	31	76	1.63	388	.21	7.90	.04	3.78	<4	49	2	10	5	2	10	3
162384	3	82	13	8	<.5	39	13	499	2.10	7	<10	<4	6	15	<.4	<5	<5	128	1.93	.059	37	75	1.85	377	.20	7.94	.04	3.76	5	49	2	11	5	2	10	<1
162385	2	44	<5	7	<.5	28	12	518	1.85	8	<10	<4	7	19	<.4	<5	<5	125	2.40	.055	31	73	1.68	346	.20	7.60	.04	3.60	<4	47	<2	10	5	1	10	<1
RE 162385	2	44	8	6	<.5	28	17	506	1.84	11	<10	<4	7	19	<.4	<5	<5	123	2.35	.053	29	69	1.65	339	.19	7.45	.04	3.55	<4	46	<2	9	3	1	10	<1

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Major General Resources Ltd. PROJECT OLYMPIC File # 97-5349 Page 1

1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: Sean P. Butler

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162386	2	46	71	145	<.5	32	12	426	2.11	7	<10	<4	9	19	1.1	5	<5	138	1.06	.060	32	84	1.87	383	.22	7.81	.05	4.10	<4	50	4	9	4	4	10	4
B 162387	2	52	41	70	<.5	35	14	481	2.28	<5	<10	<4	7	9	.6	<5	<5	127	.98	.055	28	74	2.07	358	.19	7.38	.04	3.77	<4	45	<2	8	3	3	9	1
B 162388	<2	320	37	70	<.5	34	8	803	2.62	<5	<10	<4	7	11	<.4	<5	<5	120	1.99	.059	29	73	2.63	319	.18	7.22	.04	3.50	<4	43	2	10	4	3	9	1
B 162389	2	78	39	99	<.5	30	13	617	2.35	6	<10	<4	8	9	<.4	<5	<5	143	1.16	.064	37	78	2.10	365	.22	7.89	.04	4.06	<4	50	<2	9	6	4	10	1
B 162390	4	108	54	65	<.5	50	122	758	2.93	58	<10	<4	9	12	.5	<5	<5	109	1.68	.066	19	62	2.54	266	.17	7.05	.08	3.41	<4	47	<2	8	3	3	8	16
B 162391	6	97	44	43	<.5	37	72	614	3.11	11	10	<4	10	7	.5	<5	<5	127	1.04	.062	7	68	2.23	221	.15	6.92	.16	3.35	5	51	<2	8	4	3	8	8
B 162392	17	74	28	34	<.5	29	45	1381	2.95	<5	<10	<4	8	8	<.4	<5	<5	143	2.30	.056	21	70	2.39	252	.17	7.09	.05	3.71	<4	45	<2	9	4	3	10	12
B 162393	19	61	22	33	<.5	13	14	9212	5.33	9	<10	<4	3	26	<.4	<5	<5	32	15.84	.017	12	16	7.14	57	.02	1.71	.03	.92	<4	17	<2	18	2	2	5	12
B 162394	17	11	10	29	.5	9	9	10529	5.93	6	<10	<4	2	25	<.4	<5	<5	34	17.00	.018	19	12	7.26	53	.02	1.45	.03	.79	<4	14	<2	19	2	2	6	17
B 162395	8	28	33	28	<.5	59	79	893	3.45	5	<10	<4	6	9	<.4	<5	<5	127	1.88	.062	39	67	2.25	242	.14	6.64	.04	3.38	<4	41	<2	8	5	3	8	11
B 162396	18	44	23	22	<.5	33	35	815	2.83	5	<10	<4	8	10	<.4	<5	5	162	1.62	.072	27	79	2.38	300	.19	7.72	.05	4.11	<4	48	3	8	3	4	10	27
B 162397	6	154	30	26	<.5	73	94	971	4.26	8	<10	<4	8	9	<.4	<5	<5	147	1.88	.071	34	75	2.52	289	.20	6.96	.04	3.35	4	47	<2	8	5	3	10	22
B 162398	6	111	14	29	<.5	25	26	691	2.86	7	<10	<4	9	9	<.4	<5	<5	138	1.42	.059	20	73	2.33	265	.15	6.27	.04	2.98	6	49	<2	7	4	3	10	9
B 162399	21	51	25	43	<.5	28	9	1009	3.52	<5	24	<4	11	15	<.4	<5	<5	166	2.08	.064	9	64	2.98	223	.11	6.19	.03	2.53	<4	47	<2	10	2	3	7	464
B 162400	4	86	22	28	<.5	13	4	523	2.19	5	<10	<4	10	11	<.4	<5	<5	187	1.25	.056	17	78	2.14	336	.16	7.34	.04	3.81	6	50	<2	6	4	4	11	9
B 162401	3	156	28	34	<.5	42	44	1003	4.21	<5	<10	<4	10	9	<.4	<5	<5	62	2.21	.072	5	40	3.51	187	.06	6.34	.03	2.75	<4	41	<2	6	<2	5	3	6
RE B 162401	4	156	29	33	<.5	44	44	1007	4.19	6	<10	<4	9	9	<.4	<5	<5	62	2.21	.073	6	38	3.50	186	.07	6.28	.03	2.75	<4	42	2	6	2	5	3	4
RRE B 162401	3	148	28	47	<.5	38	34	998	4.05	6	<10	<4	9	9	<.4	5	<5	59	2.17	.074	7	33	3.57	185	.06	6.38	.03	2.75	<4	41	<2	6	2	5	3	3
B 162402	4	232	19	37	<.5	14	22	1891	2.69	16	<10	<4	16	18	<.4	<5	<5	61	4.21	.041	6	30	3.28	168	.04	3.54	.02	1.59	<4	52	<2	11	2	2	5	<1
B 162403	16	48	98	89	<.5	14	17	3879	3.25	10	<10	<4	<2	53	<.4	<5	<5	14	8.97	.035	7	16	4.74	60	.01	1.34	.01	.48	<4	10	<2	11	2	1	3	4
B 162404	16	100	209	340	.5	19	18	3040	2.92	7	11	<4	<2	42	2.4	6	<5	19	7.71	.065	5	20	4.13	83	.01	1.32	.02	.44	<4	16	<2	7	2	1	2	7
RE B 162404	15	102	212	334	.6	17	18	3026	2.91	6	16	<4	2	43	2.6	6	<5	19	7.61	.065	6	25	4.09	86	.01	1.33	.02	.44	<4	16	<2	7	2	1	2	8
RRE B 162404	15	87	160	427	.6	18	18	3039	2.85	5	<10	<4	2	41	2.3	6	<5	19	7.72	.068	7	18	4.23	84	.01	1.35	.02	.47	6	16	<2	6	3	1	2	12
B 162405	4	97	187	94	.5	30	29	2884	2.84	8	<10	<4	<2	34	.4	5	<5	20	7.61	.047	6	20	4.03	50	.01	.63	.02	.17	4	11	2	6	2	1	2	8
B 162406	2	90	91	107	<.5	30	34	2918	3.44	<5	<10	<4	<2	36	.5	<5	5	35	7.23	.024	7	36	4.16	41	.02	1.28	.03	.34	5	9	2	8	<2	1	3	4
B 162407	<2	68	67	30	<.5	14	27	4516	3.23	12	<10	<4	<2	44	<.4	7	<5	18	13.34	.033	8	12	6.98	20	<.01	.53	.02	.05	<4	6	3	8	2	1	1	3
B 162408	<2	78	27	22	<.5	4	10	4258	2.47	7	<10	<4	<2	41	<.4	5	<5	11	13.86	.022	5	7	7.13	17	<.01	.20	.02	<.01	<4	7	<2	6	<2	1	<1	<1
B 162409	8	373	316	105	1.2	231	174	2120	9.33	25	26	<4	4	19	<.4	<5	20	110	4.86	.181	4	38	3.73	78	.02	1.93	.03	.38	4	17	2	7	<2	1	2	13
B 162410	5	92	51	41	2.1	7	33	2314	1.69	6	<10	<4	<2	12	<.4	<5	<5	6	4.74	.007	8	27	2.25	29	<.01	.25	.02	.07	31	4	<2	4	<2	1	<1	5
B 162411	5	91	48	22	.6	29	165	2226	2.30	19	<10	<4	<2	14	<.4	<5	10	8	4.65	.005	5	26	2.32	30	<.01	.46	.02	.12	4	5	<2	5	<2	1	<1	19
B 162412	<2	45	21	42	<.5	2	4	2800	1.68	<5	<10	<4	<2	20	<.4	6	<5	10	6.48	.009	6	32	3.24	24	<.01	.23	.02	.05	5	6	<2	5	<2	1	<1	1
B 162413	<2	12	18	35	<.5	2	<2	3087	1.89	<5	<10	<4	<2	22	<.4	5	<5	5	7.47	.009	3	20	3.75	14	<.01	.17	.02	.04	<4	8	<2	7	<2	<1	<1	1
B 162414	<2	50	12	29	<.5	<2	<2	4252	2.46	5	<10	<4	<2	27	<.4	7	<5	3	9.78	.009	6	15	4.91	39	<.01	.11	.02	.02	4	4	<2	9	<2	1	<1	1
B 162415	8	17	16	27	<.5	5	11	4435	2.88	6	<10	<4	<2	29	<.4	5	<5	11	8.11	.016	10	15	3.88	64	.01	.83	.03	.34	4	7	<2	9	2	1	1	1
B 162416	23	17	18	36	<.5	3	8	5327	3.07	9	<10	<4	<2	22	<.4	5	<5	6	9.65	.014	10	10	4.60	43	<.01	.30	.02	.10	4	5	2	13	<2	1	<1	3
STANDARD CT3/AU-R	23	67	38	160	5.8	38	11	907	3.95	50	24	<4	23	226	21.1	17	26	129	1.54	.098	26	259	.88	989	.38	6.79	1.77	1.82	28	42	19	12	16	7	8	434

ICP - .250 GRAM SAMPLE IS DIGESTED WITH 10ML HCLO4-HNO3-HCL-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL, ZR & MN AND MASSIVE SULFIDE SAMPLES. AS, CR, SB, AU SUBJECT TO LOSS BY VOLATILIZATION DURING HCLO4 FUMING.

- SAMPLE TYPE: CORE AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 15 1997 DATE REPORT MAILED: Oct 3/97 SIGNED BY: C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Date: FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162417	4	104	16	33	<.5	5	6	3133	2.06	17	<10	<4	<2	14	.4	<5	<5	7	5.73	.008	6	32	2.48	43	.01	.33	.05	.10	<4	7	<2	6	2	1	<1	3
B 162418	3	79	19	34	<.5	3	4	3123	1.96	6	<10	<4	<2	13	<.4	<5	<5	2	6.12	.007	10	20	2.58	23	<.01	.07	.03	.01	<4	5	<2	6	<2	1	<1	2
B 162419	2	14	9	11	<.5	4	4	3522	1.97	<5	<10	<4	<2	21	<.4	<5	<5	3	7.68	.013	7	18	3.50	23	<.01	.12	.03	.04	<4	6	<2	6	<2	1	<1	<1
B 162420	<2	8	8	16	<.5	4	2	1870	1.93	<5	<10	<4	4	22	<.4	<5	<5	33	7.31	.040	14	15	4.14	236	.07	3.04	.05	3.16	<4	36	<2	11	2	1	4	1
RE B 162420	<2	8	6	19	.8	5	3	1841	1.91	<5	<10	<4	5	22	<.4	<5	<5	34	7.26	.041	14	14	4.11	235	.07	3.06	.05	3.16	<4	38	<2	11	3	1	4	1
RRE B 162420	<2	9	7	16	<.5	4	2	1889	1.89	<5	12	<4	3	22	<.4	<5	<5	34	7.37	.041	15	20	4.15	277	.07	3.04	.05	3.16	<4	37	<2	11	3	1	4	1
B 162421	<2	4	7	30	<.5	18	11	878	4.19	6	14	<4	9	17	<.4	<5	<5	73	2.93	.068	6	29	3.69	455	.09	4.37	.04	2.45	<4	47	<2	8	2	2	7	1
B 162422	3	3	6	45	.5	28	14	329	5.07	<5	<10	<4	10	9	<.4	6	<5	82	.48	.074	4	37	3.72	389	.10	5.17	.03	2.22	<4	51	2	5	3	2	6	2
B 162423	<2	8	13	96	.5	112	29	777	7.57	<5	<10	<4	4	9	<.4	<5	<5	169	.27	.050	5	93	5.88	493	.19	7.36	.03	2.88	<4	36	<2	4	<2	2	14	5
B 162424	<2	62	6	103	1.3	144	47	1106	8.56	6	12	<4	2	10	<.4	<5	<5	231	.83	.031	8	114	6.43	426	.24	7.96	.03	2.81	6	29	<2	5	2	3	21	3
B 162425	<2	4	6	43	.5	40	31	493	6.56	<5	<10	<4	4	11	<.4	<5	<5	266	1.14	.101	10	23	4.25	595	.26	5.82	.06	1.76	<4	27	<2	5	<2	2	17	1
B 162426	<2	2	5	68	<.5	72	45	674	8.93	<5	<10	<4	<2	22	<.4	<5	<5	389	1.03	.099	21	28	5.01	1359	.37	6.25	.02	1.31	<4	21	<2	5	<2	2	23	1
RE B 162426	<2	2	10	68	1.2	71	45	664	8.72	<5	11	<4	<2	22	<.4	<5	<5	380	1.02	.099	22	29	4.90	1348	.36	6.09	.02	1.29	7	21	<2	5	<2	2	22	<1
RRE B 162426	<2	2	<5	66	1.0	69	44	659	8.58	<5	11	<4	3	20	<.4	<5	<5	372	.99	.089	20	27	4.83	1253	.36	6.01	.02	1.29	<4	23	<2	5	<2	1	22	1
B 162427	<2	3	<5	56	.8	49	41	768	7.37	5	18	<4	2	40	<.4	<5	<5	310	1.89	.110	8	26	4.09	2270	.32	6.15	.67	1.39	<4	24	<2	5	<2	2	21	<1
B 162428	<2	11	98	196	.7	40	51	1228	6.59	<5	13	<4	<2	13	.7	<5	<5	237	4.27	.120	9	24	4.41	451	.27	5.52	1.46	1.02	<4	26	<2	7	<2	1	28	1
B 162429	<2	3	<5	69	1.0	61	41	901	8.39	<5	<10	<4	2	11	<.4	<5	<5	346	2.50	.111	14	24	4.98	537	.44	5.43	.03	1.03	<4	19	<2	8	<2	2	21	<1
B 162430	<2	2	5	85	1.7	83	36	1192	9.58	9	<10	<4	<2	14	<.4	6	<5	373	2.80	.067	26	30	5.28	769	.43	6.16	.49	1.14	7	23	<2	7	<2	3	21	<1
B 162431	<2	3	<5	95	.7	48	35	2093	7.92	6	<10	<4	<2	22	<.4	5	<5	259	5.10	.058	11	24	5.23	954	.29	5.89	.65	1.88	6	15	<2	11	3	2	21	<1
B 162432	<2	4	6	95	1.1	61	35	1245	8.04	<5	30	<4	<2	14	<.4	<5	<5	368	2.94	.019	13	28	4.37	346	.48	6.07	1.09	1.22	<4	15	<2	9	<2	2	27	<1
B 162433	<2	3	<5	83	2.0	59	33	1233	8.34	<5	<10	<4	<2	13	<.4	<5	<5	441	3.08	.022	20	25	4.13	457	.55	6.27	1.62	1.12	5	21	<2	11	3	2	26	<1
B 162434	<2	6	<5	80	1.8	56	25	1165	8.03	<5	35	<4	<2	19	<.4	<5	<5	416	3.23	.041	26	23	4.18	843	.62	5.90	1.63	.83	6	21	<2	13	4	3	24	<1
B 162435	<2	9	<5	68	2.1	51	33	1176	9.27	5	<10	<4	<2	23	<.4	<5	<5	396	2.82	.048	23	27	4.63	1405	.73	5.79	1.22	.90	5	18	<2	15	4	3	26	<1
B 162436	<2	2	<5	53	1.5	50	39	1194	8.24	<5	19	<4	<2	18	<.4	<5	<5	387	3.32	.043	23	27	5.05	618	.78	5.69	1.24	.80	<4	20	<2	16	2	2	26	3
B 162437	<2	8	6	63	1.8	54	44	1311	8.40	<5	45	<4	<2	22	<.4	<5	<5	378	3.06	.058	19	28	4.61	1419	.78	5.83	1.24	.95	4	21	<2	15	2	2	26	<1
B 162438	<2	8	7	77	1.8	52	29	1580	7.25	<5	<10	<4	<2	19	<.4	<5	6	364	4.14	.051	21	29	4.68	564	.78	6.12	1.45	1.32	5	21	<2	19	3	3	27	<1
B 162439	<2	6	<5	56	.9	35	29	1365	5.72	<5	27	<4	<2	24	<.4	<5	<5	414	4.57	.036	22	28	3.14	885	.72	6.22	.11	2.80	<4	22	<2	23	<2	3	27	<1
B 162440	<2	16	6	63	1.7	56	57	2014	6.89	6	<10	<4	<2	40	<.4	<5	<5	410	5.89	.079	32	32	4.24	1647	.56	6.31	.72	2.08	7	26	2	20	2	3	26	1
B 162441	<2	10	6	49	1.4	52	36	1912	7.68	6	<10	<4	3	24	<.4	<5	5	264	5.81	.185	23	25	3.99	994	.18	4.22	.03	1.49	5	18	3	15	3	3	18	1
B 162442	<2	8	<5	69	1.4	54	27	1993	6.71	<5	<10	<4	<2	22	<.4	<5	<5	396	5.33	.057	33	31	4.30	1167	.53	6.08	.08	2.19	<4	23	2	21	<2	3	26	<1
B 162443	<2	5	<5	60	.7	31	13	1978	4.87	<5	<10	<4	<2	29	<.4	<5	<5	366	5.59	.047	18	21	3.78	1529	.51	5.52	.11	2.64	4	21	<2	20	<2	3	24	1
B 162444	<2	36	<5	74	2.4	68	37	1939	8.00	9	<10	<4	<2	20	<.4	9	<5	461	5.05	.046	35	28	4.81	709	.62	5.93	.95	1.48	11	26	2	18	6	4	26	<1
B 162445	<2	3	<5	80	.6	65	29	1047	8.03	<5	<10	<4	<2	9	<.4	<5	<5	425	2.45	.040	9	28	3.75	387	.53	6.18	1.54	1.16	<4	19	<2	9	<2	2	24	<1
STANDARD CT3/AU-R	25	60	45	164	6.2	39	13	915	4.20	58	15	4	25	226	21.3	20	24	135	1.57	.107	30	261	.92	989	.39	7.18	1.73	1.78	33	48	21	15	17	7	9	450

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Major General Resources Ltd. PROJECT OLYMPIC File # 97-5372 Page 1

1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: Sean P. Butler

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162446	<2	3	<5	67	<.5	37	23	1205	6.98	<5	<10	<4	<2	14	<.4	<5	<5	382	3.28	.013	10	25	3.67	329	.51	6.65	2.23	.99	<4	17	<2	9	<2	1	25	4
B 162447	<2	4	<5	69	<.5	59	26	1320	9.41	<5	<10	<4	<2	12	<.4	<5	<5	392	3.36	.009	14	25	4.39	660	.37	6.18	1.69	.74	<4	13	<2	8	<2	2	26	<1
B 162448	<2	4	<5	66	<.5	58	35	1377	9.78	<5	<10	<4	<2	22	<.4	<5	<5	392	3.25	.048	13	26	5.01	745	.52	6.54	1.51	1.10	<4	15	<2	11	3	2	28	<1
B 162449	<2	9	<5	60	<.5	76	53	1093	10.37	<5	<10	<4	<2	25	<.4	<5	<5	457	2.67	.061	19	35	5.77	918	.75	7.01	.79	.99	<4	21	<2	18	<2	2	25	<1
B 162450	<2	21	30	116	.8	79	54	911	9.89	<5	<10	<4	2	12	.5	5	<5	485	1.82	.063	17	29	6.02	203	.88	6.92	.12	1.15	6	29	2	16	5	3	23	1
B 162451	<2	16	<5	75	<.5	64	45	926	10.11	<5	<10	<4	<2	12	.7	<5	<5	448	1.19	.054	14	30	6.44	234	.79	7.19	.48	.77	<4	26	<2	14	4	3	25	<1
B 162452	<2	16	<5	66	<.5	47	41	893	9.82	<5	<10	<4	2	13	<.4	<5	<5	480	1.05	.060	11	13	6.76	215	1.00	6.90	.35	.57	<4	17	2	17	3	3	28	1
B 162453	<2	7	<5	115	<.5	96	37	885	10.66	<5	<10	<4	<2	10	<.4	<5	<5	378	.58	.057	23	13	6.82	136	.47	6.69	.02	.20	<4	12	<2	8	<2	2	16	<1
B 162454	<2	3	<5	101	<.5	87	29	842	10.04	<5	<10	<4	<2	9	<.4	<5	6	368	.85	.067	16	17	7.86	77	.47	6.97	.01	.20	<4	14	<2	10	<2	2	17	<1
B 162455	<2	5	7	26	<.5	35	5	1084	3.11	<5	<10	<4	4	32	<.4	<5	<5	74	3.66	.043	39	31	6.64	1318	.02	3.87	.01	.05	<4	36	<2	8	2	1	5	95
B 162456	4	6	100	34	<.5	27	6	910	3.43	<5	<10	<4	6	28	<.4	<5	<5	92	3.34	.076	18	24	5.05	663	.07	4.22	.02	1.11	<4	34	<2	9	<2	2	5	115
B 162457	<2	3	21	18	<.5	28	2	1211	2.95	<5	<10	<4	<2	29	<.4	<5	<5	52	4.78	.046	31	20	6.22	28	.03	3.11	.02	.02	<4	24	2	7	<2	1	5	3
B 162458	<2	4	9	22	<.5	29	2	1019	2.78	<5	<10	<4	<2	21	<.4	<5	<5	61	4.78	.038	30	17	6.59	17	.04	2.99	.01	.01	<4	23	<2	7	<2	1	7	<1
B 162459	4	8	6	32	<.5	34	27	898	3.62	6	<10	<4	5	29	<.4	<5	<5	100	3.21	.060	23	37	5.85	55	.05	4.40	.02	.45	<4	37	2	8	<2	2	7	19
RE B 162459	3	6	5	32	<.5	37	29	872	3.48	<5	<10	<4	6	29	<.4	<5	<5	96	3.10	.057	21	37	5.67	54	.06	4.23	.02	.44	<4	40	<2	7	<2	2	6	31
RRE B 162459	3	7	8	31	<.5	38	26	897	3.63	<5	<10	<4	6	29	<.4	<5	<5	101	3.21	.058	22	39	5.88	56	.06	4.42	.02	.45	<4	40	3	8	<2	2	7	28
B 162460	<2	90	16	22	<.5	23	3	1046	2.43	<5	<10	<4	4	20	<.4	<5	<5	65	3.91	.037	14	27	6.10	51	.03	3.10	.01	.06	<4	31	2	7	<2	1	6	147
RE B 162460	<2	83	16	24	<.5	24	2	1056	2.43	<5	<10	<4	4	20	<.4	<5	<5	65	3.95	.037	16	27	6.13	51	.03	3.09	.01	.05	4	30	2	7	<2	1	6	148
RRE B 162460	<2	78	16	22	<.5	23	2	1019	2.36	<5	<10	<4	4	19	<.4	<5	<5	63	3.86	.036	13	26	5.96	50	.03	2.99	.01	.05	<4	31	<2	7	<2	1	6	163
B 162461	<2	6	10	15	<.5	32	4	803	2.73	<5	<10	<4	<2	17	<.4	<5	<5	63	3.67	.047	35	31	6.57	10	.04	3.40	.01	<.01	<4	26	<2	7	<2	1	4	19
B 162462	<2	8	5	16	.5	24	2	1886	3.26	<5	<10	<4	<2	32	<.4	<5	<5	68	6.98	.025	34	25	6.39	29	.03	2.30	.02	.02	5	19	2	9	<2	1	9	<1
B 162463	<2	38	9	16	<.5	11	2	2667	5.02	<5	<10	<4	<2	38	<.4	8	<5	80	9.03	.054	15	24	5.97	19	.06	.98	.01	.01	8	21	2	10	<2	1	9	<1
B 162464	<2	8	66	99	.5	18	2	2205	3.43	<5	<10	<4	2	38	.8	7	<5	76	7.68	.028	21	20	6.21	121	.03	1.79	.01	.01	5	13	<2	9	2	1	7	<1
B 162465	<2	5	8	14	<.5	23	2	1195	2.69	<5	<10	<4	<2	30	<.4	<5	<5	69	5.20	.036	27	24	6.02	12	.02	2.40	.01	.01	<4	22	2	7	<2	1	4	<1
B 162466	24	3	<5	17	<.5	23	18	2071	2.31	<5	<10	<4	<2	25	<.4	<5	<5	47	7.68	.034	28	22	6.85	15	.01	2.02	.01	.01	<4	20	<2	9	<2	1	10	1
B 162467	14	5	7	26	.8	32	23	1448	2.87	<5	<10	<4	6	21	<.4	<5	<5	102	5.10	.047	10	42	6.46	67	.05	4.03	.02	.72	4	35	<2	7	2	2	10	10
B 162468	34	4	8	25	<.5	27	11	496	2.73	<5	<10	<4	8	11	<.4	5	<5	117	2.28	.048	12	47	4.44	142	.12	5.28	.02	1.76	5	44	4	6	2	2	10	4
B 162469	7	10	<5	24	<.5	22	42	535	2.94	<5	<10	<4	8	8	<.4	<5	<5	98	1.42	.066	16	46	3.87	130	.14	5.15	.02	1.69	<4	44	2	5	3	2	9	10
B 162470	4	9	<5	33	<.5	26	34	340	3.43	<5	<10	<4	11	13	<.4	<5	<5	116	.74	.068	8	47	4.64	139	.16	6.12	.02	1.77	4	54	2	6	3	3	9	<1
B 162471	10	5	6	27	<.5	20	12	1382	2.62	<5	<10	<4	5	24	<.4	<5	<5	56	5.24	.037	8	27	5.77	42	.05	2.80	.01	.31	<4	31	<2	7	<2	1	7	<1
B 162472	19	7	13	24	<.5	46	156	543	2.60	44	<10	<4	2	16	<.4	<5	<5	64	2.10	.041	36	32	5.68	32	.04	3.54	.01	.18	5	35	<2	6	<2	1	6	7
B 162473	3	6	9	56	<.5	42	33	518	3.64	<5	<10	<4	12	13	<.4	<5	<5	85	1.78	.070	111	41	6.43	39	.08	4.51	.01	.35	4	40	<2	8	3	2	8	1
B 162474	4	5	9	36	<.5	29	23	478	3.74	<5	<10	<4	8	13	<.4	<5	<5	86	1.07	.055	9	34	5.27	140	.09	4.81	.02	1.00	4	42	2	5	<2	2	8	3
B 162475	2	3	30	106	<.5	51	34	1140	8.39	<5	<10	<4	4	11	<.4	<5	<5	330	.43	.049	7	111	6.50	423	.54	7.25	.16	.94	<4	47	<2	10	2	3	26	2
B 162476	4	7	16	63	<.5	38	25	425	4.88	<5	<10	<4	8	12	<.4	<5	<5	126	.40	.079	18	51	5.96	216	.17	5.79	.02	1.05	6	66	<2	7	4	2	7	4
STANDARD CT3	22	60	36	151	5.8	35	12	901	3.88	47	20	<4	22	224	21.2	20	21	126	1.50	.098	27	248	.90	979	.37	7.15	1.69	1.79	30	43	16	13	17	4	8	458

Standard is STANDARD CT3/AU-R.

ICP - .250 GRAM SAMPLE IS DIGESTED WITH 10ML HCLO4-HNO3-HCL-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL, ZR & MN AND MASSIVE SULFIDE SAMPLES. AS, CR, SB, AU SUBJECT TO LOSS BY VOLATILIZATION DURING HCLO4 FUMING.

- SAMPLE TYPE: CORE AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 15 1997 DATE REPORT MAILED: Sep 24/97 SIGNED BY: .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162477	3	15	12	33	<.5	16	8	210	3.42	<5	14	<4	13	12	.4	<5	<5	132	.41	.087	4	33	2.77	325	.18	5.50	.05	2.26	5	54	3	6	4	<1	8	2
B 162478	<2	7	5	30	<.5	19	9	332	3.62	<5	<10	<4	12	11	<.4	5	<5	116	.94	.075	6	31	2.95	190	.16	5.18	.03	1.94	8	46	3	5	4	<1	9	1
B 162479	5	21	6	48	<.5	33	19	2289	5.39	<5	<10	<4	3	23	.4	<5	<5	143	6.30	.063	31	23	6.97	528	.14	5.42	.04	2.22	<4	41	2	16	2	<1	19	1
B 162480	<2	11	5	33	<.5	27	17	1317	5.39	<5	<10	<4	12	34	<.4	<5	<5	128	3.79	.071	10	38	4.93	329	.13	6.02	.05	3.19	<4	42	2	8	2	<1	15	2
B 162481	<2	4	<5	48	<.5	32	19	1134	7.44	<5	<10	<4	16	31	<.4	<5	<5	164	2.83	.101	8	50	5.38	617	.19	7.82	.06	4.84	<4	54	4	9	5	1	13	1
B 162482	<2	2	<5	37	<.5	33	19	1015	6.95	<5	<10	<4	16	21	.4	<5	<5	176	2.69	.100	8	49	5.50	495	.20	8.09	.05	4.86	5	60	5	9	5	1	15	1
B 162483	<2	2	<5	42	<.5	24	13	368	5.03	<5	<10	<4	15	21	<.4	<5	<5	82	.51	.087	3	45	4.85	801	.15	8.29	.09	6.11	<4	68	2	5	4	<1	7	<1
B 162484	<2	2	6	38	<.5	31	17	330	6.20	<5	<10	<4	15	15	<.4	<5	<5	189	.37	.108	3	51	5.01	543	.19	8.54	.06	5.15	<4	72	3	6	3	1	13	1
RE B 162484	<2	3	<5	42	<.5	31	17	333	6.26	<5	<10	<4	16	15	<.4	5	<5	192	.37	.112	4	51	5.09	559	.18	8.79	.06	5.32	4	72	7	6	6	1	13	<1
RRE B 162484	<2	2	<5	39	<.5	29	18	330	6.14	<5	<10	<4	15	15	<.4	5	<5	188	.37	.108	3	48	5.05	553	.18	8.65	.06	5.22	<4	71	4	6	5	1	13	1
B 162485	<2	2	6	50	<.5	38	19	465	7.53	<5	<10	<4	13	14	<.4	<5	<5	148	.45	.090	3	48	6.72	469	.17	8.15	.05	3.80	5	62	4	6	6	1	9	1
B 162486	<2	2	<5	62	<.5	46	26	773	8.02	<5	<10	<4	12	20	<.4	<5	<5	275	.45	.097	3	47	5.86	1072	.24	8.71	.04	4.25	4	61	4	6	4	1	15	1
B 162487	<2	2	<5	71	<.5	52	26	901	8.05	<5	<10	<4	5	22	<.4	<5	<5	266	.50	.073	3	40	7.35	933	.27	7.96	.03	2.89	4	44	3	5	4	1	11	1
B 162488	2	2	<5	62	<.5	50	27	2315	8.13	<5	<10	<4	5	43	.5	<5	<5	252	4.08	.070	24	35	6.84	2206	.26	7.00	.04	3.21	5	44	7	10	4	1	25	1
B 162489	<2	<2	<5	40	<.5	51	24	2333	8.72	<5	<10	<4	17	21	.5	<5	<5	285	4.54	.080	108	44	6.37	359	.28	8.01	.03	3.63	7	51	6	14	9	2	34	<1
B 162490	6	3	<5	50	<.5	58	32	1413	8.76	<5	<10	<4	6	11	<.4	<5	<5	351	2.73	.085	28	32	7.24	247	.45	7.74	.02	2.68	6	75	4	14	7	1	27	3
B 162491	8	2	<5	55	<.5	63	37	675	9.55	<5	<10	<4	11	11	<.4	<5	<5	308	.37	.097	7	45	7.47	487	.45	8.46	.03	2.93	7	74	4	12	5	2	19	4
B 162492	2	<2	6	55	<.5	46	29	725	9.31	<5	<10	<4	16	13	<.4	<5	<5	235	.79	.106	15	54	7.02	638	.24	8.57	.03	3.38	5	67	7	10	5	2	16	2
B 162493	2	<2	<5	57	<.5	37	22	484	9.02	<5	<10	<4	19	10	.8	6	<5	240	.39	.101	12	73	6.05	380	.23	8.81	.03	3.58	4	68	9	10	8	3	17	1
B 162494	<2	2	<5	45	<.5	32	19	1406	7.75	<5	<10	<4	15	24	<.4	<5	<5	186	3.55	.092	17	43	6.17	321	.20	7.94	.04	3.52	<4	55	8	13	4	2	19	<1
B 162495	<2	2	<5	53	<.5	30	17	741	7.86	<5	<10	<4	13	21	.5	<5	<5	140	1.53	.084	13	40	5.52	242	.17	6.81	.02	2.58	<4	52	3	9	4	1	13	<1
B 162496	<2	2	<5	22	<.5	13	8	4110	4.51	<5	<10	<4	<2	61	.6	<5	<5	72	9.90	.056	57	15	6.27	130	.10	3.26	.04	1.63	<4	28	3	10	3	<1	29	<1
RE B 162496	<2	3	7	21	<.5	17	8	4067	4.48	5	<10	<4	<2	59	.5	<5	<5	72	9.85	.057	58	20	6.24	122	.10	3.21	.03	1.61	<4	28	3	10	4	<1	28	<1
RRE B 162496	<2	2	6	19	<.5	14	8	3973	4.35	<5	<10	<4	<2	57	<.4	<5	<5	70	9.71	.055	54	14	6.12	118	.09	3.09	.02	1.55	<4	26	3	10	3	<1	27	<1
B 162497	<2	5	<5	42	<.5	27	13	762	5.98	<5	<10	<4	6	24	<.4	<5	<5	125	1.49	.060	44	30	3.26	330	.18	5.30	.02	2.67	<4	45	2	9	3	<1	11	8
B 162498	<2	2	5	35	<.5	19	9	198	5.38	<5	<10	<4	9	13	<.4	<5	<5	64	.34	.042	4	28	2.47	287	.13	4.40	.03	2.68	4	50	3	6	3	<1	5	<1
B 162499	3	7	<5	39	<.5	19	10	332	4.04	<5	<10	<4	11	20	<.4	<5	<5	73	.53	.063	8	31	2.40	468	.13	5.39	.04	3.78	<4	47	<2	5	4	<1	5	<1
B 162500	<2	3	6	26	<.5	5	4	177	3.44	<5	<10	<4	11	21	<.4	<5	<5	52	.40	.053	4	34	2.01	492	.14	6.55	.06	5.65	6	35	3	3	4	<1	3	<1
B 162501	<2	3	10	39	<.5	19	9	416	2.91	<5	<10	<4	11	28	<.4	<5	<5	48	.70	.051	6	31	2.60	556	.12	6.29	.07	5.34	<4	35	<2	4	2	<1	4	<1
B 162502	<2	<2	<5	60	<.5	19	11	343	3.55	<5	<10	<4	14	31	<.4	<5	<5	62	.57	.065	7	43	3.14	1080	.17	7.51	.07	6.14	<4	50	<2	5	5	<1	5	1
B 162503	<2	<2	6	46	<.5	21	10	565	3.88	<5	<10	<4	11	28	<.4	<5	<5	74	.94	.065	11	36	2.90	631	.15	6.29	.06	4.82	7	44	4	6	7	<1	6	<1
B 162504	<2	3	<5	43	<.5	33	19	1114	4.92	<5	<10	<4	9	28	<.4	<5	<5	97	1.99	.077	23	37	3.90	393	.19	6.26	.04	3.56	6	49	2	9	6	<1	9	1
B 162505	<2	<2	<5	31	<.5	26	14	1777	4.95	<5	<10	<4	6	28	<.4	<5	<5	91	3.39	.077	53	32	4.02	399	.22	6.14	.03	3.41	5	53	4	13	8	1	11	1
B 162506	<2	2	<5	31	<.5	27	15	1916	4.08	<5	<10	<4	6	27	.5	<5	<5	76	3.82	.076	58	26	4.08	217	.23	5.60	.03	2.87	<4	54	2	16	6	1	8	<1
B 162507	<2	3	5	27	<.5	21	11	2664	3.40	<5	<10	<4	5	34	.6	<5	<5	61	5.47	.069	48	18	4.16	283	.17	4.60	.03	2.52	4	55	<2	18	5	<1	7	1
B 162508	<2	3	8	25	<.5	26	12	2680	4.39	<5	<10	<4	7	27	<.4	6	<5	89	4.40	.076	67	31	4.06	286	.25	6.36	.03	3.70	7	54	4	17	8	2	9	<1
STANDARD CT3/AU-R	23	68	38	160	6.1	36	12	910	4.08	56	17	<4	22	234	22.2	22	22	129	1.52	.102	28	254	.91	1048	.37	7.17	1.85	1.92	28	42	23	13	16	5	8	470

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162509	<2	3	7	26	<.5	21	11	3176	4.04	<5	<10	<4	9	30	.6	5	<5	70	5.54	.061	51	25	4.33	206	.20	5.26	.06	2.96	<4	50	<2	17	5	1	8	2
B 162510	2	4	10	42	<.5	36	16	1577	5.33	<5	<10	<4	12	27	.9	<5	<5	82	3.59	.083	71	35	4.61	273	.22	6.50	.03	2.90	5	49	4	16	5	1	8	2
B 162511	<2	3	7	31	<.5	19	8	763	4.82	<5	<10	<4	11	25	<.4	7	<5	73	1.85	.064	16	35	2.94	597	.20	6.24	.07	5.68	7	41	2	7	5	<1	6	6
B 162512	10	4	6	27	<.5	20	7	835	4.37	<5	<10	<4	11	22	<.4	<5	<5	78	2.01	.073	58	42	2.38	616	.20	6.52	.08	6.84	<4	39	<2	7	3	<1	7	2
B 162513	<2	5	8	29	<.5	21	7	1153	4.25	<5	<10	<4	11	24	<.4	<5	<5	72	2.76	.079	40	37	2.78	674	.21	6.24	.08	6.47	4	45	<2	8	6	<1	8	2
RE B 162513	2	6	11	25	<.5	22	7	1154	4.23	<5	<10	<4	11	24	<.4	<5	<5	72	2.77	.077	40	37	2.79	676	.21	6.23	.09	6.47	4	45	3	8	6	<1	8	2
RRE B 162513	<2	4	10	26	<.5	20	7	1126	4.12	<5	<10	<4	11	24	<.4	<5	<5	71	2.69	.073	39	34	2.71	650	.21	6.08	.09	6.30	<4	43	3	8	5	<1	8	1
B 162514	2	3	6	33	<.5	22	13	1226	4.28	<5	<10	<4	13	29	<.4	<5	<5	72	3.12	.064	29	39	3.15	671	.24	6.68	.08	6.77	4	52	<2	9	7	<1	8	<1
B 162515	<2	2	<5	42	<.5	22	8	793	5.53	<5	<10	<4	15	23	.6	<5	<5	103	2.48	.082	18	46	3.81	681	.25	8.19	.08	7.59	6	59	3	9	7	<1	8	1
B 162516	2	3	7	49	<.5	37	49	1390	6.13	5	<10	<4	14	31	.7	<5	<5	137	3.52	.093	64	42	5.21	349	.24	8.24	.04	4.53	4	67	4	13	7	2	10	1
B 162517	<2	4	16	23	<.5	10	27	1988	3.04	<5	<10	<4	7	33	<.4	5	<5	46	6.25	.065	44	14	4.22	458	.11	4.45	.05	3.75	<4	43	<2	14	3	<1	8	1
B 162518	<2	5	<5	21	<.5	26	8	2365	3.86	<5	<10	<4	9	32	<.4	<5	<5	66	6.44	.071	46	23	4.64	201	.17	5.64	.03	3.23	<4	46	<2	20	4	1	7	1
B 162519	<2	4	5	29	<.5	33	9	1605	4.31	<5	<10	<4	11	24	<.4	<5	<5	87	3.94	.080	47	60	3.81	284	.29	6.90	.03	3.70	6	54	2	18	8	2	8	<1
B 162520	<2	3	6	29	<.5	18	8	2290	3.36	<5	<10	<4	8	47	<.4	<5	<5	66	6.21	.069	42	22	4.71	164	.19	5.24	.02	2.59	4	48	2	22	5	1	7	1
B 162521	<2	6	<5	31	<.5	24	10	1979	4.19	<5	<10	<4	9	33	<.4	5	<5	70	5.16	.076	42	29	4.61	168	.22	5.73	.03	2.84	4	50	2	19	6	1	7	1
B 162522	2	3	<5	25	.5	26	10	1051	4.79	<5	<10	<4	12	17	<.4	<5	<5	85	3.32	.080	63	39	4.84	279	.28	6.57	.02	2.99	<4	58	<2	17	7	2	9	1
B 162523	<2	3	<5	18	<.5	17	6	2376	4.00	<5	<10	<4	7	25	<.4	<5	<5	58	7.05	.061	45	22	5.15	274	.15	4.78	.04	2.58	<4	41	<2	18	3	1	7	<1
B 162524	<2	4	<5	31	<.5	35	11	1600	5.06	5	<10	<4	8	18	<.4	5	<5	81	3.90	.064	54	45	5.01	400	.19	5.88	.03	2.73	5	48	<2	14	7	1	8	<1
B 162525	2	4	6	28	.5	33	11	1115	5.69	<5	<10	<4	12	15	<.4	7	<5	89	2.43	.088	63	39	3.55	284	.23	6.56	.03	3.34	5	55	3	14	6	1	9	1
B 162526	2	2	6	29	<.5	36	15	1564	6.05	<5	<10	<4	12	29	.8	<5	<5	104	3.49	.080	73	48	3.63	253	.24	7.39	.03	3.69	<4	58	3	17	6	2	11	3
B 162527	<2	2	20	48	<.5	45	77	601	6.36	<5	<10	<4	17	34	<.4	<5	<5	107	1.34	.087	76	50	3.95	748	.28	8.75	.06	6.12	<4	77	<2	11	6	1	8	1
B 162528	<2	3	8	49	<.5	28	27	806	6.11	<5	<10	<4	15	40	<.4	<5	<5	92	1.86	.088	82	39	4.07	1060	.23	8.61	.08	7.61	6	77	2	8	6	<1	8	1
RE B 162528	<2	3	<5	47	<.5	28	25	767	5.87	<5	<10	<4	14	39	.6	<5	<5	89	1.78	.083	80	39	3.89	1007	.24	8.16	.08	7.17	<4	77	<2	8	6	<1	7	1
RRE B 162528	<2	3	<5	47	<.5	27	25	800	5.81	<5	<10	<4	15	39	<.4	<5	<5	90	1.90	.085	83	41	3.93	1028	.25	8.25	.08	7.30	<4	78	<2	8	5	<1	7	1
B 162529	<2	11	<5	28	<.5	20	13	784	6.27	<5	<10	<4	12	29	<.4	<5	<5	112	2.43	.078	54	42	3.27	791	.24	8.16	.07	6.98	5	77	<2	7	6	<1	12	3
B 162530	<2	13	6	25	<.5	20	11	479	5.91	<5	<10	<4	11	24	<.4	<5	<5	96	1.29	.064	36	44	1.90	774	.20	7.31	.07	6.48	4	59	2	6	5	<1	11	2
B 162531	2	2	<5	40	<.5	42	12	434	6.70	<5	<10	<4	13	18	<.4	5	<5	119	.47	.072	49	52	3.09	511	.25	8.10	.05	5.17	8	61	2	8	9	1	11	<1
B 162532	<2	<2	6	33	<.5	37	14	234	7.35	<5	<10	<4	14	16	<.4	<5	<5	119	.35	.083	61	52	2.97	440	.25	7.93	.05	5.21	6	64	<2	8	8	1	10	1
B 162533	2	4	10	44	<.5	30	18	322	4.96	<5	<10	<4	12	22	<.4	<5	<5	90	.32	.071	43	37	2.61	843	.23	7.03	.07	6.05	<4	56	<2	6	6	<1	6	1
B 162534	<2	27	14	65	<.5	68	55	1112	8.74	<5	<10	<4	<2	18	<.4	<5	<5	297	1.03	.040	9	52	4.81	279	.42	6.35	.03	2.48	4	17	<2	7	3	<1	22	1
B 162535	<2	3	<5	93	.6	81	50	1205	9.88	<5	<10	<4	<2	14	.7	<5	<5	415	.40	.057	12	64	6.79	161	.65	7.99	.02	2.26	8	19	<2	9	7	1	27	<1
B 162536	<2	2	<5	72	<.5	83	28	1705	10.35	<5	<10	<4	2	10	.9	<5	<5	375	1.86	.055	10	74	6.86	360	.63	8.09	.03	3.38	<4	22	<2	10	4	1	28	<1
B 162537	<2	4	<5	41	<.5	41	31	869	8.56	<5	<10	<4	10	28	<.4	<5	<5	158	2.04	.060	43	44	5.00	1679	.24	7.26	.05	4.49	<4	51	<2	8	2	<1	13	<1
B 162538	2	14	72	119	<.5	60	49	1086	7.84	<5	<10	<4	11	25	.6	<5	<5	153	2.57	.070	35	54	5.32	655	.24	7.60	.04	3.57	<4	65	<2	16	4	<1	13	5
B 162539	<2	5	<5	27	<.5	24	20	1809	5.16	<5	<10	<4	6	20	<.4	<5	<5	103	3.82	.036	24	22	3.27	539	.18	4.98	.06	4.12	<4	34	<2	10	4	<1	7	1
B 162540	<2	26	9	25	<.5	29	12	732	5.32	<5	<10	<4	9	19	<.4	<5	<5	99	1.46	.056	36	35	2.24	601	.19	5.68	.07	5.01	5	48	2	7	6	<1	7	1
STANDARD CT3/AU-R	25	64	39	157	6.0	39	12	913	4.14	50	14	5	24	237	22.0	21	22	132	1.55	.099	28	261	.92	1039	.38	7.53	1.91	1.94	29	43	18	13	17	5	8	443

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Date FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162541	<2	11	6	21	<.5	17	24	1150	2.96	<5	<10	<4	8	22	<.4	<5	<5	53	2.79	.070	41	33	2.37	376	.15	4.33	.11	4.07	<4	38	<2	8	4	<1	6	4
B 162542	<2	4	12	14	<.5	5	6	2149	2.35	<5	<10	<4	4	23	<.4	5	<5	27	5.05	.043	24	13	2.81	284	.09	3.32	.07	3.82	<4	26	<2	11	3	<1	4	1
B 162543	<2	399	18	29	<.5	32	13	533	4.61	<5	<10	<4	9	27	<.4	<5	<5	59	.77	.052	31	35	2.04	762	.17	5.61	.07	5.04	<4	35	<2	5	4	<1	5	<1
B 162544	<2	24	7	21	<.5	23	12	538	3.79	<5	<10	<4	8	25	<.4	<5	<5	45	.79	.048	40	30	1.69	734	.15	5.59	.08	5.75	<4	35	2	4	4	<1	4	<1
B 162545	<2	106	<5	49	<.5	32	16	1132	7.00	<5	<10	<4	14	50	.7	<5	<5	105	2.59	.088	38	52	3.79	1006	.22	8.00	.18	7.07	<4	61	<2	9	2	<1	10	1
B 162546	5	20	<5	34	<.5	33	20	1935	7.26	<5	<10	<4	8	25	.4	<5	<5	157	3.09	.068	24	36	3.89	719	.24	6.58	.31	4.87	<4	36	<2	11	2	<1	12	<1
B 162547	4	57	<5	31	<.5	31	21	4008	6.24	<5	<10	<4	3	37	.6	<5	<5	166	5.54	.042	31	21	3.64	583	.27	4.65	.27	3.43	<4	25	<2	18	2	<1	15	<1
RE B 162547	4	55	<5	27	<.5	28	21	3931	6.09	<5	<10	<4	3	36	<.4	<5	<5	162	5.43	.040	29	20	3.57	573	.26	4.56	.26	3.35	<4	26	<2	18	<2	<1	15	<1
RRE B 162547	4	63	6	29	<.5	29	22	4150	6.29	<5	<10	<4	3	38	.5	<5	<5	167	5.74	.044	28	22	3.71	580	.26	4.77	.23	3.59	<4	27	<2	18	2	<1	15	2
B 162548	<2	12	12	59	<.5	45	19	2520	6.02	6	<10	<4	4	28	.4	<5	<5	146	3.55	.046	22	35	3.29	696	.24	5.17	.47	3.84	<4	24	<2	16	2	<1	11	2
B 162549	<2	21	<5	99	<.5	97	21	1015	11.68	<5	<10	<4	<2	52	<.4	<5	<5	419	.85	.056	14	48	4.77	1340	.70	6.60	.54	2.39	<4	17	<2	12	<2	<1	23	1
B 162550	<2	12	<5	80	<.5	64	16	5436	10.00	5	<10	<4	<2	50	.8	<5	<5	295	6.95	.040	20	28	5.87	854	.50	4.78	.40	1.70	<4	13	<2	20	2	<1	22	1
B 162551	<2	12	<5	122	<.5	83	19	3247	9.48	<5	<10	<4	<2	63	.9	<5	<5	362	4.08	.041	19	42	5.52	1366	.65	5.93	.62	1.76	<4	21	<2	16	<2	<1	27	<1
B 162552	<2	23	<5	66	<.5	67	16	3367	9.05	5	<10	<4	<2	51	.6	<5	<5	337	4.34	.041	18	56	4.53	595	.60	6.09	1.61	1.78	<4	19	3	18	<2	<1	26	<1
B 162553	<2	28	<5	61	<.5	47	25	1645	7.92	<5	<10	<4	3	44	.5	<5	<5	283	2.50	.053	11	72	3.48	275	.49	6.99	2.86	1.06	<4	24	<2	13	<2	<1	23	1
B 162554	<2	17	<5	23	<.5	10	4	2111	4.47	<5	<10	<4	6	22	<.4	<5	<5	68	3.25	.034	57	33	1.79	174	.20	5.90	4.08	.20	<4	33	<2	9	5	<1	8	<1
B 162555	<2	43	<5	50	<.5	44	9	1739	7.01	<5	<10	<4	5	32	.7	<5	<5	228	2.82	.073	36	34	2.74	107	.50	6.67	3.99	.17	<4	47	2	14	4	<1	15	<1
B 162556	<2	2	<5	76	<.5	64	21	1159	11.20	<5	<10	<4	<2	29	.4	<5	<5	421	1.90	.074	12	30	3.61	122	.58	7.08	3.82	.10	<4	33	<2	16	<2	<1	21	<1
B 162557	<2	10	<5	45	<.5	34	37	1777	6.54	<5	<10	<4	2	32	.6	<5	<5	282	3.74	.064	16	33	3.71	129	.78	6.24	3.56	.11	<4	45	<2	20	3	<1	17	<1
RE B 162557	<2	10	<5	41	<.5	34	38	1714	6.41	<5	<10	<4	2	31	.6	<5	<5	275	3.65	.062	14	22	3.62	124	.70	6.11	3.46	.10	<4	48	<2	19	3	<1	17	2
RRE B 162557	<2	9	<5	44	<.5	35	38	1757	6.54	<5	<10	<4	2	32	.5	<5	<5	281	3.74	.064	16	23	3.69	127	.76	6.26	3.54	.11	<4	53	<2	21	3	<1	17	1
B 162558	<2	11	<5	33	<.5	36	14	986	5.35	<5	<10	<4	7	22	<.4	<5	<5	139	1.89	.060	48	43	2.48	372	.35	6.52	3.87	.23	<4	38	<2	11	5	<1	10	<1
B 162559	<2	12	<5	33	<.5	35	17	752	5.04	<5	<10	<4	12	29	<.4	<5	<5	90	1.28	.063	48	49	1.92	876	.24	7.20	2.92	2.74	<4	42	<2	8	6	<1	9	1
B 162560	<2	26	<5	36	<.5	43	24	368	6.34	<5	<10	<4	9	21	<.4	<5	<5	82	.48	.058	58	44	2.59	270	.21	6.81	2.73	1.32	<4	39	<2	6	4	<1	7	1
B 162561	<2	4	<5	75	<.5	40	22	1275	12.27	<5	<10	<4	3	37	.8	<5	<5	416	2.20	.063	9	22	3.02	189	.80	5.85	3.01	.15	<4	49	<2	23	<2	1	23	<1
B 162562	<2	2	<5	57	<.5	39	13	1384	11.56	5	<10	<4	2	44	<.4	<5	<5	408	2.85	.066	21	24	2.39	317	.85	5.97	3.31	.26	<4	38	<2	26	3	1	20	<1
B 162563	<2	19	<5	30	<.5	32	6	2835	7.63	<5	<10	<4	<2	33	.5	<5	<5	347	5.30	.074	25	17	2.35	161	.76	6.09	4.20	.15	<4	39	<2	22	2	<1	21	<1
B 162564	<2	2	<5	40	<.5	30	5	3909	9.71	<5	<10	<4	<2	38	.5	<5	<5	355	5.69	.058	27	15	2.91	182	.69	5.14	3.36	.17	<4	31	<2	27	<2	1	22	<1
B 162565	<2	10	<5	47	<.5	35	6	3348	9.90	<5	<10	<4	<2	31	1.1	<5	<5	347	4.82	.057	25	16	2.93	180	.67	5.55	3.55	.17	<4	29	<2	24	<2	<1	22	<1
B 162566	<2	5	<5	43	<.5	41	4	2646	9.00	<5	<10	<4	<2	24	.7	<5	<5	356	4.14	.078	23	17	2.94	281	.75	6.01	3.72	.22	<4	32	<2	20	<2	<1	21	2
B 162567	<2	3	<5	53	<.5	52	25	1783	10.42	<5	<10	<4	2	47	.7	<5	<5	406	3.49	.083	20	20	3.15	790	.70	5.88	2.73	.52	<4	37	<2	21	<2	<1	21	<1
B 162568	<2	3	<5	26	<.5	40	27	1779	6.19	<5	<10	<4	2	21	<.4	<5	<5	286	4.13	.071	20	17	3.32	190	.46	5.56	3.44	.22	<4	44	<2	14	<2	<1	21	<1
B 162569	<2	11	<5	22	<.5	38	24	1933	5.68	<5	<10	<4	2	25	.5	<5	<5	253	4.81	.065	36	19	3.64	263	.39	5.48	3.37	.28	<4	51	<2	15	2	<1	18	1
B 162570	<2	9	<5	21	<.5	26	11	1436	3.93	<5	<10	<4	7	29	<.4	5	<5	119	3.88	.075	53	30	3.04	316	.23	5.78	3.57	.33	<4	42	<2	14	5	<1	10	<1
B 162571	<2	6	<5	15	<.5	19	9	1535	3.47	<5	<10	<4	9	37	<.4	<5	<5	70	4.75	.057	36	32	2.97	189	.16	6.08	4.10	.21	<4	40	<2	13	3	<1	7	<1
B 162572	<2	1561	9	26	.5	25	15	1147	4.38	<5	<10	<4	10	37	<.4	<5	<5	75	3.21	.070	31	37	2.52	334	.17	6.25	3.59	.60	<4	40	<2	12	4	<1	7	9
STANDARD CT3	23	61	35	154	5.9	35	13	906	4.04	47	19	<4	22	227	21.9	18	23	128	1.48	.100	27	246	.89	988	.38	7.03	1.77	1.86	25	45	23	13	17	5	8	460

Standard is STANDARD CT3/AU-R. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL

Major General Resources Ltd. PROJECT OLYMPIC FILE # 97-5372

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162573	<2	3363	13	19	.9	21	10	1552	4.46	<5	<10	<4	9	27	.5	<5	<5	65	3.89	.073	31	36	2.59	482	.15	6.23	3.79	.66	4	33	<2	11	5	<1	8	138
B 162574	<2	8680	16	26	1.4	48	19	1334	6.33	<5	<10	<4	8	23	.5	<5	<5	99	3.48	.113	75	37	3.67	214	.13	5.99	2.15	1.57	7	35	10	14	5	<1	7	498
B 162575	<2	164	<5	12	<.5	14	6	1109	4.51	<5	<10	<4	12	23	<.4	<5	<5	81	2.84	.061	30	43	2.08	280	.18	7.36	4.20	1.03	<4	45	3	9	7	<1	9	4
B 162576	<2	46	6	21	<.5	26	11	887	3.87	<5	<10	<4	11	34	.5	<5	<5	65	2.15	.063	24	29	2.79	240	.13	6.13	2.56	.81	<4	34	<2	7	3	<1	7	2
B 162577	<2	15	<5	19	<.5	22	9	1359	3.60	<5	<10	<4	10	31	<.4	<5	<5	70	3.51	.059	25	35	3.25	169	.15	6.48	3.21	.67	<4	32	<2	9	5	<1	7	1
B 162578	<2	9	8	31	<.5	24	18	1718	3.42	<5	<10	<4	7	46	<.4	<5	<5	76	4.20	.061	43	33	3.34	197	.18	6.54	3.62	.27	<4	33	<2	10	6	<1	9	1
B 162579	<2	4	<5	54	<.5	45	32	697	5.81	<5	<10	<4	17	33	<.4	<5	<5	132	1.11	.057	120	49	4.32	145	.23	6.91	2.29	.65	<4	31	<2	8	4	<1	16	1
B 162580	<2	3	<5	52	<.5	54	53	649	7.14	<5	<10	<4	16	24	<.4	<5	<5	165	.58	.045	155	40	4.87	259	.22	6.17	1.19	.80	<4	24	<2	10	3	<1	24	1
B 162581	<2	18	8	72	<.5	77	41	746	9.66	<5	<10	<4	6	15	<.4	<5	<5	313	.66	.156	65	35	6.29	164	.49	6.41	.26	.86	<4	62	<2	16	4	1	27	1
B 162582	<2	7	<5	48	<.5	45	17	912	11.15	<5	<10	<4	<2	23	<.4	<5	<5	389	1.64	.087	12	11	3.81	196	.68	6.23	2.50	.34	<4	50	<2	26	2	1	13	1
B 162583	<2	17	<5	84	<.5	58	18	813	11.90	<5	<10	<4	3	31	<.4	<5	<5	388	1.12	.084	21	15	3.96	418	.55	5.94	1.41	.79	<4	46	<2	21	<2	1	19	<1
B 162584	<2	4	<5	67	<.5	59	19	1055	10.15	<5	<10	<4	5	29	<.4	<5	<5	367	1.68	.074	78	20	4.44	377	.60	6.37	1.52	.93	<4	49	<2	20	3	1	21	<1
RE B 162584	<2	4	6	65	<.5	57	19	1068	10.30	<5	<10	<4	5	30	<.4	<5	<5	359	1.71	.074	81	19	4.51	382	.55	6.46	1.55	.95	<4	45	<2	20	<2	<1	22	<1
RRE B 162584	<2	3	<5	59	<.5	55	18	1028	9.89	<5	<10	<4	5	28	<.4	<5	<5	353	1.66	.073	73	21	4.30	352	.58	6.24	1.56	.89	<4	46	<2	19	3	1	21	<1
B 162585	<2	5	<5	43	<.5	32	7	1458	8.93	<5	<10	<4	<2	34	.5	<5	<5	326	3.03	.078	14	12	3.24	315	.76	6.09	3.04	.31	<4	43	<2	24	3	<1	16	<1
B 162586	<2	3	<5	48	<.5	43	7	1117	8.25	9	<10	<4	4	26	.6	<5	<5	353	2.39	.095	32	21	3.71	329	.61	6.65	2.60	.68	<4	37	<2	16	3	<1	18	<1
B 162587	3	3	<5	68	<.5	56	16	691	9.29	<5	<10	<4	7	24	<.4	<5	<5	298	1.13	.089	40	29	5.44	175	.59	6.14	.46	.65	<4	41	<2	16	2	1	24	<1
B 162588	<2	2	<5	67	<.5	35	11	975	9.29	<5	<10	<4	3	48	<.4	<5	<5	379	1.98	.090	16	12	4.49	365	.83	6.16	1.48	.39	<4	45	<2	24	<2	1	22	<1
B 162589	<2	3	<5	57	<.5	35	9	1988	8.23	6	<10	<4	2	51	1.1	<5	<5	391	3.88	.079	19	13	4.12	423	.87	6.05	2.13	.53	<4	46	<2	26	4	1	24	<1
B 162590	<2	3	9	44	<.5	20	6	2875	4.56	<5	<10	<4	<2	42	<.4	<5	<5	152	8.27	.043	15	8	6.20	132	.29	2.53	.05	.15	<4	23	<2	21	2	<1	14	<1
B 162591	5	2	<5	26	<.5	16	14	3846	3.35	<5	<10	<4	<2	35	<.4	<5	<5	58	10.49	.039	11	7	6.35	49	.03	1.26	.04	.03	<4	9	<2	15	<2	<1	9	1
B 162592	2	18	9	110	<.5	41	10	1269	7.13	<5	<10	<4	<2	27	.7	<5	<5	348	2.73	.073	26	14	7.79	68	.79	5.57	.05	.16	<4	49	<2	23	<2	1	16	<1
RE B 162592	2	13	12	111	<.5	38	11	1280	7.21	<5	<10	<4	<2	26	<.4	<5	<5	353	2.75	.074	26	12	7.85	60	.80	5.58	.04	.14	<4	48	<2	22	2	1	16	1
RRE B 162592	2	12	18	114	<.5	38	10	1395	7.28	<5	<10	<4	<2	27	<.4	<5	<5	359	2.95	.078	28	13	7.92	65	.82	5.65	.05	.17	<4	46	<2	23	2	1	16	1
B 162593	<2	3	<5	107	<.5	38	8	544	7.53	5	<10	<4	<2	24	.6	<5	<5	424	.83	.089	23	9	8.10	61	.90	6.15	.01	.21	<4	50	2	21	4	1	18	<1
B 162594	<2	2	<5	81	<.5	38	8	384	8.45	<5	<10	<4	<2	19	.6	<5	<5	425	.67	.089	21	7	7.65	50	.82	5.87	.01	.08	<4	48	<2	17	<2	1	18	<1
B 162595	<2	<2	<5	108	<.5	31	8	383	7.62	<5	<10	<4	<2	23	.8	<5	<5	421	.75	.102	19	10	8.59	60	.80	6.11	.01	.17	<4	50	<2	17	3	1	19	1
B 162596	<2	2	<5	120	<.5	32	13	448	6.16	<5	<10	<4	2	37	<.4	<5	<5	220	.76	.094	57	30	5.59	641	.43	6.31	.80	.75	<4	54	<2	10	4	<1	14	<1
B 162597	<2	<2	<5	110	<.5	51	12	507	9.49	<5	<10	<4	<2	20	<.4	<5	<5	330	.48	.092	46	21	7.80	127	.45	6.47	.02	.36	<4	46	<2	12	<2	1	16	1
B 162598	<2	2	<5	74	<.5	51	11	415	8.74	<5	<10	<4	2	24	<.4	<5	<5	310	.44	.094	53	20	6.45	508	.41	6.16	.37	.48	<4	49	<2	11	<2	<1	15	<1
B 162599	<2	2	<5	26	<.5	24	5	688	3.16	10	<10	<4	11	41	<.4	<5	<5	62	2.63	.057	18	31	2.90	487	.15	5.81	1.29	2.60	9	40	<2	9	5	<1	5	1
B 162600	<2	2	<5	25	<.5	30	5	385	3.79	7	<10	<4	13	36	<.4	<5	<5	73	.92	.052	12	33	2.89	322	.17	6.44	2.01	2.03	<4	38	2	6	6	<1	6	<1
B 162601	<2	<2	<5	23	<.5	23	5	527	3.61	<5	<10	<4	10	24	<.4	<5	<5	67	1.48	.059	22	32	2.87	388	.14	5.95	1.20	2.86	<4	39	<2	7	3	<1	6	1
B 162602	<2	2	<5	20	<.5	16	5	567	3.74	<5	<10	<4	10	26	<.4	<5	<5	55	1.29	.050	16	30	1.98	815	.14	5.48	.14	4.83	<4	44	<2	6	4	<1	5	<1
B 162603	<2	2	<5	15	<.5	20	7	625	3.25	<5	<10	<4	9	28	<.4	<5	<5	59	1.42	.052	23	28	2.06	824	.16	5.74	.30	4.91	<4	38	<2	8	4	<1	6	<1
B 162604	<2	<2	<5	21	<.5	23	7	807	4.35	<5	<10	<4	11	27	.4	<5	<5	71	1.94	.061	21	42	2.31	729	.18	6.38	1.11	4.29	<4	35	2	10	6	<1	8	1
STANDARD CT3	22	60	31	151	5.4	35	12	918	3.89	48	18	<4	23	225	21.5	21	20	124	1.55	.098	25	244	.90	979	.36	7.04	1.72	1.81	26	43	19	13	16	5	8	448

Standard is STANDARD CT3/AU-R. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162605	<2	2	<5	20	<.5	30	11	829	4.83	5	<10	<4	11	40	.5	<5	<5	84	1.45	.069	17	45	2.47	888	.21	7.54	1.81	4.20	<4	39	3	11	4	<1	10	2
B 162606	<2	3	<5	15	<.5	27	8	835	5.76	7	<10	<4	13	27	.4	<5	<5	93	1.91	.064	6	44	2.43	529	.20	7.33	2.04	3.29	<4	37	3	13	3	<1	12	<1
B 162607	<2	5	<5	18	<.5	37	13	906	4.83	<5	<10	<4	11	24	<.4	<5	<5	108	1.74	.068	29	54	2.94	621	.24	8.32	1.51	4.21	<4	48	3	13	5	1	15	<1
RE B 162607	<2	5	<5	20	<.5	38	13	931	5.10	<5	<10	<4	11	24	<.4	<5	<5	112	1.78	.070	29	60	3.00	639	.25	8.52	1.55	4.32	4	50	5	14	6	1	15	<1
RRE B 162607	<2	4	<5	19	<.5	36	13	909	5.02	<5	<10	<4	11	24	<.4	<5	<5	108	1.74	.069	29	54	2.96	619	.23	8.27	1.49	4.20	<4	48	4	13	5	1	15	<1
B 162608	<2	<2	<5	21	<.5	39	17	923	5.37	<5	<10	<4	11	29	<.4	<5	<5	84	1.62	.068	27	43	3.15	709	.21	6.94	1.32	3.66	<4	48	2	11	4	<1	10	1
B 162609	<2	<2	<5	13	<.5	23	10	2120	4.16	<5	<10	<4	6	25	<.4	<5	<5	75	5.75	.058	30	25	4.41	564	.15	5.12	.63	3.62	<4	40	2	33	4	<1	13	1
B 162610	<2	2	<5	20	<.5	34	16	1152	5.20	<5	<10	<4	7	20	<.4	10	<5	93	2.19	.078	50	35	3.05	720	.21	5.98	.09	5.22	4	49	2	14	5	<1	9	5
B 162611	<2	11	<5	13	<.5	27	19	2107	4.33	<5	<10	<4	7	28	<.4	<5	<5	57	3.72	.049	22	23	3.45	869	.13	5.32	.08	4.76	<4	44	3	11	3	<1	6	5
B 162612	<2	15	<5	20	<.5	25	14	2009	6.08	<5	11	<4	5	36	<.4	<5	<5	64	4.34	.055	33	25	2.71	763	.13	4.72	.07	4.22	<4	46	2	17	<2	<1	6	3
B 162613	<2	335	<5	40	<.5	53	36	2350	8.66	<5	<10	<4	5	16	<.4	<5	<5	227	2.27	.054	28	39	4.59	510	.41	6.38	.06	4.31	<4	59	<2	15	<2	<1	20	35
B 162614	<2	196	<5	51	<.5	53	43	2282	10.56	<5	<10	<4	<2	18	<.4	<5	<5	467	1.71	.058	22	28	4.78	626	.79	6.81	.06	3.98	4	41	<2	23	3	<1	29	3
B 162615	<2	248	<5	58	.7	54	46	2379	9.50	6	<10	<4	<2	21	<.4	7	<5	457	1.41	.068	26	30	4.90	687	1.00	6.92	.06	3.67	5	49	<2	25	7	1	31	<1
B 162616	<2	35	<5	8	.5	22	13	1589	4.12	<5	14	<4	10	18	<.4	<5	<5	77	3.65	.078	17	22	3.47	425	.20	5.55	.05	3.25	<4	56	<2	16	4	1	8	<1
B 162617	<2	12	<5	5	<.5	19	11	2092	3.50	<5	<10	<4	7	20	<.4	<5	<5	75	5.07	.071	41	25	3.39	489	.26	6.16	.04	3.64	<4	59	3	23	7	1	9	<1
B 162618	<2	<2	<5	5	<.5	20	9	1556	3.23	<5	<10	<4	10	44	<.4	<5	<5	70	6.74	.064	25	26	1.99	398	.26	6.11	.03	3.53	<4	61	2	21	3	1	9	<1
B 162619	<2	<2	<5	6	<.5	21	11	1378	3.31	<5	<10	<4	7	42	<.4	<5	<5	60	6.50	.062	33	23	1.84	379	.23	5.40	.04	3.21	<4	64	2	19	4	1	7	<1
B 162620	<2	<2	<5	3	<.5	20	10	1717	3.02	<5	<10	<4	7	73	<.4	<5	<5	59	9.84	.067	40	22	1.62	353	.19	5.29	.04	2.90	<4	60	3	19	3	1	7	<1
B 162621	<2	2	<5	7	<.5	16	7	2865	3.05	<5	<10	<4	6	61	<.4	<5	<5	58	9.96	.069	31	17	2.51	317	.15	4.23	.04	2.45	<4	56	<2	21	2	<1	7	<1
B 162622	<2	9	<5	27	<.5	86	45	1011	7.54	<5	<10	<4	3	12	<.4	<5	<5	127	.81	.050	35	74	4.90	665	.23	7.20	.10	4.09	<4	31	2	9	2	<1	15	1
B 162623	<2	<2	10	7	<.5	23	11	552	5.46	<5	<10	<4	6	18	<.4	7	<5	109	1.20	.065	30	29	1.98	617	.26	5.90	.07	4.88	<4	46	4	10	3	<1	10	5
B 162624	<2	2	<5	10	<.5	30	16	851	5.74	<5	<10	<4	5	16	<.4	8	<5	135	2.06	.060	44	34	3.12	390	.29	5.99	.05	3.32	<4	47	2	12	2	<1	12	<1
B 162625	<2	<2	<5	10	<.5	27	15	766	5.30	<5	<10	<4	5	17	<.4	10	<5	165	2.64	.059	31	35	2.56	359	.26	6.24	.05	3.47	6	42	2	11	3	<1	15	<1
RE B 162625	<2	<2	<5	8	<.5	25	14	734	5.20	<5	<10	<4	7	17	<.4	<5	<5	160	2.54	.055	29	35	2.47	351	.26	5.99	.05	3.34	4	42	2	11	<2	<1	15	<1
RRE B 162625	<2	<2	<5	9	<.5	26	15	730	5.20	<5	<10	<4	8	16	<.4	<5	<5	162	2.43	.055	28	35	2.59	350	.26	6.14	.04	3.39	<4	41	2	10	<2	<1	15	<1
B 162626	<2	<2	<5	9	<.5	25	14	652	4.37	<5	<10	<4	8	15	<.4	6	<5	98	2.36	.055	30	35	2.55	306	.26	6.05	.04	3.17	4	46	3	11	4	<1	10	<1
B 162627	<2	<2	<5	13	<.5	23	11	1226	3.64	<5	<10	<4	10	18	<.4	<5	<5	61	2.88	.048	13	30	2.91	596	.18	5.70	.21	4.40	<4	41	2	16	<2	<1	8	<1
B 162628	<2	<2	<5	15	.6	25	13	1364	3.59	<5	<10	<4	8	25	<.4	<5	<5	61	2.74	.050	17	29	2.41	726	.14	5.82	.97	4.55	4	31	2	11	3	<1	7	8
B 162629	<2	<2	<5	29	<.5	42	15	1048	5.07	<5	<10	<4	7	30	<.4	<5	<5	124	3.27	.070	41	38	1.85	623	.21	6.06	1.08	4.40	<4	38	<2	13	<2	<1	10	20
B 162630	<2	<2	<5	11	<.5	22	8	632	2.80	<5	<10	<4	8	27	<.4	<5	<5	60	3.11	.061	36	26	1.12	719	.18	5.21	.11	5.49	<4	32	2	10	3	<1	6	2
B 162631	<2	5	<5	10	<.5	21	9	905	3.35	<5	<10	<4	6	32	<.4	<5	<5	65	4.49	.059	39	28	1.19	725	.19	5.49	.09	5.49	<4	31	3	15	3	<1	7	3
B 162632	<2	10	<5	20	<.5	32	14	1056	5.31	<5	<10	<4	6	35	<.4	<5	<5	145	4.34	.061	35	33	2.01	764	.33	6.15	.29	4.81	<4	47	<2	19	<2	<1	13	10
B 162633	<2	<2	<5	15	<.5	29	11	912	5.51	<5	<10	<4	8	36	<.4	<5	<5	83	4.19	.105	35	35	1.76	769	.21	5.98	.15	4.96	<4	44	3	15	3	<1	9	1
B 162634	<2	<2	<5	14	<.5	25	9	806	4.35	<5	<10	<4	8	36	<.4	<5	<5	68	3.87	.059	29	33	1.66	878	.20	6.00	.71	4.89	<4	41	3	14	3	<1	8	<1
B 162635	<2	<2	<5	15	<.5	28	9	715	4.43	6	<10	<4	7	32	<.4	<5	<5	83	2.85	.079	40	32	1.55	877	.23	5.81	.23	5.65	5	41	3	12	5	<1	8	3
B 162636	<2	<2	<5	8	<.5	15	5	655	4.77	<5	<10	<4	8	31	<.4	<5	<5	50	2.37	.052	22	26	.94	942	.16	4.89	.10	5.36	<4	37	2	8	3	<1	6	<1
STANDARD CT3	24	63	38	153	6.0	38	12	953	4.15	52	17	6	24	237	22.0	20	23	135	1.60	.101	31	258	.94	1037	.39	7.18	1.77	1.86	30	50	22	17	16	5	10	452

Standard is STANDARD CT3/AU-R. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162637	<2	<2	<5	15	<.5	30	10	946	4.11	<5	<10	<4	8	40	<.4	<5	<5	67	4.31	.063	49	36	1.93	811	.19	6.01	.18	5.02	<4	41	2	14	4	<1	8	9
B 162638	<2	<2	<5	33	.7	28	15	1517	5.35	<5	<10	<4	9	32	<.4	<5	<5	62	3.70	.054	33	40	2.45	940	.20	6.26	.09	5.53	<4	39	<2	15	4	<1	9	2
B 162639	<2	<2	<5	13	.7	30	11	731	5.43	<5	<10	<4	9	24	<.4	<5	<5	87	1.28	.088	41	44	2.32	1056	.23	6.49	.25	5.65	<4	42	<2	9	5	<1	9	5
B 162640	<2	<2	<5	9	.6	16	6	1072	4.06	<5	<10	<4	9	37	<.4	<5	<5	72	2.24	.062	26	33	2.19	1345	.25	6.68	1.28	5.18	<4	45	<2	11	4	<1	9	1
B 162641	<2	<2	<5	9	<.5	23	9	729	3.96	<5	<10	<4	8	32	<.4	<5	<5	58	1.21	.049	35	34	2.14	1188	.17	6.12	.84	4.90	<4	35	<2	7	4	<1	6	<1
B 162642	<2	2	<5	13	.6	27	10	1458	5.01	<5	<10	<4	8	35	<.4	11	<5	73	2.58	.063	58	43	2.62	1010	.20	6.56	1.23	4.59	6	35	<2	11	5	<1	9	8
B 162643	<2	<2	<5	6	<.5	26	10	540	6.08	<5	<10	<4	11	13	<.4	<5	<5	72	1.01	.057	23	39	1.91	397	.23	6.18	.04	3.40	<4	52	2	11	2	1	8	<1
B 162644	<2	2	<5	7	.5	22	6	1109	5.64	<5	<10	<4	8	10	<.4	<5	<5	66	2.70	.048	12	33	2.61	340	.17	5.17	.04	3.01	4	43	2	16	4	<1	9	<1
B 162645	<2	2	<5	7	<.5	17	5	638	4.80	<5	<10	<4	8	38	<.4	<5	<5	50	1.53	.059	31	29	1.45	1225	.16	5.50	.09	5.99	5	36	<2	8	4	<1	6	<1
B 162646	<2	4	<5	7	<.5	21	9	526	4.37	<5	<10	<4	9	33	<.4	<5	<5	49	.94	.055	26	31	1.63	1328	.16	5.92	.78	5.20	<4	28	<2	6	2	<1	6	<1
RE B 162646	<2	3	<5	8	.8	21	9	530	4.39	<5	<10	<4	9	33	<.4	<5	<5	50	.94	.054	27	31	1.63	1327	.17	5.90	.78	5.16	<4	27	<2	6	4	<1	6	<1
RRE B 162646	<2	4	<5	8	<.5	21	9	519	4.38	<5	13	<4	8	33	<.4	<5	<5	50	.93	.055	26	31	1.61	1356	.17	5.85	.66	5.27	<4	28	<2	6	5	<1	6	1
B 162647	<2	3	<5	14	<.5	23	17	746	4.37	5	<10	<4	9	29	<.4	11	<5	61	.80	.053	25	42	2.23	918	.21	6.78	2.38	2.84	<4	28	<2	8	6	<1	7	<1
B 162648	<2	<2	<5	14	<.5	23	14	714	4.14	<5	<10	<4	12	25	<.4	<5	<5	63	.78	.061	19	41	2.12	1030	.20	6.74	2.13	3.29	<4	27	<2	6	2	<1	8	<1
B 162649	<2	2	<5	15	<.5	29	15	414	6.29	<5	<10	<4	11	27	<.4	<5	<5	68	.36	.057	29	49	2.23	1373	.22	7.17	.73	5.79	<4	33	<2	6	4	<1	9	<1
B 162650	<2	2	<5	16	<.5	31	13	525	5.90	<5	<10	<4	10	31	<.4	<5	<5	66	.61	.055	36	43	2.37	1400	.20	6.73	.10	6.36	<4	36	<2	8	3	<1	8	<1
B 162651	<2	<2	<5	13	<.5	29	15	444	6.70	<5	<10	<4	11	35	<.4	<5	<5	66	.41	.061	24	38	1.90	1680	.20	6.50	.10	6.51	<4	50	<2	9	4	<1	6	<1
B 162652	<2	3	<5	11	<.5	22	9	699	5.18	<5	<10	<4	10	29	<.4	<5	<5	59	1.37	.055	31	32	1.85	1099	.18	5.73	.08	6.15	<4	33	<2	8	4	<1	6	4
B 162653	<2	2	<5	10	<.5	23	9	860	5.39	<5	<10	<4	9	29	<.4	<5	<5	65	1.62	.060	29	35	1.93	956	.19	5.62	.08	5.92	5	37	<2	10	5	<1	6	5
B 162654	2	3	<5	21	<.5	41	16	902	5.33	<5	<10	<4	13	24	<.4	9	<5	70	1.21	.060	18	38	2.83	821	.20	6.14	.07	5.40	<4	47	<2	8	5	<1	7	2
STANDARD CT3/AU-R	24	61	36	151	5.8	37	12	887	4.20	52	22	<4	23	234	22.6	21	28	132	1.59	.099	28	259	.93	1052	.38	7.23	1.76	1.81	32	48	18	17	16	5	10	469

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

97-04

Major General Resources Ltd. PROJECT OLYMPIC File # 97-5561 Page 1

1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: Sean P. Butler

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162655	37	5	8	24	<.5	36	13	956	4.84	<5	<10	<4	11	22	.8	<5	<5	81	1.47	.064	25	35	2.56	840	.21	5.72	.09	5.58	4	47	<2	8	6	1	7	9
B 162656	3	8	8	27	<.5	34	16	939	4.87	<5	<10	<4	12	22	1.3	<5	<5	77	1.63	.068	59	44	2.69	870	.20	6.45	.10	6.62	<4	41	<2	11	6	1	7	2
B 162657	<2	5	<5	21	<.5	35	14	699	5.94	<5	<10	<4	13	23	<.4	<5	<5	82	.96	.072	40	39	2.45	982	.22	6.32	.08	6.29	4	43	<2	11	6	1	7	8
B 162658	<2	4	6	27	<.5	47	19	762	5.95	<5	<10	<4	13	22	<.4	<5	<5	104	.64	.079	53	46	2.91	1014	.24	6.85	.08	6.27	5	49	<2	9	7	1	9	5
B 162659	<2	5	<5	26	<.5	40	23	931	5.36	5	10	<4	13	37	<.4	7	<5	85	.85	.057	28	50	3.27	1216	.22	7.10	.07	6.46	5	39	3	6	6	1	7	1
B 162660	<2	3	7	27	<.5	38	20	947	4.95	<5	<10	<4	11	39	<.4	<5	<5	78	.96	.055	23	46	2.97	1316	.19	7.01	.08	6.67	<4	39	<2	6	6	1	7	16
B 162661	<2	2	6	26	<.5	38	17	1766	5.07	<5	<10	<4	13	30	<.4	5	<5	76	2.11	.059	11	33	3.23	1571	.14	6.39	.08	5.93	5	35	3	8	5	1	7	2
B 162662	<2	2	<5	25	<.5	45	20	1057	4.56	<5	<10	<4	13	22	<.4	<5	<5	83	1.41	.071	33	40	3.25	999	.20	6.28	.07	5.44	<4	48	<2	7	7	1	7	2
B 162663	<2	4	5	18	<.5	40	9	784	5.42	<5	<10	<4	13	25	<.4	<5	<5	88	1.51	.071	19	40	2.55	955	.19	6.53	.14	6.46	5	43	3	8	5	1	7	7
B 162664	<2	3	9	14	<.5	19	4	1045	2.00	<5	<10	<4	10	25	<.4	<5	<5	43	2.50	.054	30	25	2.06	863	.14	5.75	.09	6.92	<4	41	<2	9	5	1	5	7
B 162665	<2	3	6	21	<.5	44	11	1059	5.36	<5	<10	<4	8	26	<.4	<5	<5	96	2.07	.083	60	35	2.93	1043	.23	6.25	.09	6.15	5	47	<2	13	6	1	6	4
RE B 162665	<2	3	<5	20	<.5	42	11	1049	5.31	<5	<10	<4	8	25	<.4	<5	<5	96	2.06	.083	58	32	2.91	1031	.23	6.19	.09	6.09	<4	46	<2	13	5	1	6	5
RRE B 162665	<2	2	<5	21	<.5	40	11	1008	5.14	6	<10	<4	8	25	<.4	<5	<5	92	2.01	.081	57	31	2.84	1002	.22	6.01	.08	5.90	4	46	<2	12	6	1	6	2
B 162666	<2	3	5	12	<.5	29	9	813	5.11	<5	<10	<4	11	18	<.4	6	<5	91	1.73	.072	27	36	2.28	719	.19	6.17	.06	5.00	6	36	<2	10	5	2	9	3
B 162667	<2	4	<5	15	<.5	38	13	906	5.61	<5	<10	<4	12	14	<.4	5	<5	99	1.86	.066	20	37	2.82	629	.21	6.49	.05	4.61	6	46	<2	11	6	2	9	33
B 162668	<2	4	<5	10	<.5	29	7	1881	4.29	<5	22	<4	12	18	<.4	<5	<5	84	3.07	.058	21	33	2.69	434	.21	5.69	.04	3.92	4	52	2	14	5	2	9	15
B 162669	<2	4	<5	4	<.5	7	<2	1062	5.52	<5	<10	<4	10	26	<.4	<5	<5	49	2.03	.049	8	27	1.12	870	.15	4.70	.07	5.29	6	41	2	8	5	1	5	5
B 162670	<2	3	5	7	<.5	20	4	1052	5.19	<5	<10	<4	12	18	<.4	<5	<5	71	2.13	.060	9	33	1.87	612	.18	5.87	.06	5.08	<4	35	2	8	5	2	8	2
B 162671	<2	5	7	14	<.5	37	9	1036	4.47	<5	<10	<4	11	10	<.4	6	<5	118	2.19	.068	16	40	2.85	536	.25	6.68	.04	4.01	4	41	3	10	5	2	11	2
B 162672	<2	8	<5	10	<.5	29	5	856	4.08	<5	<10	<4	13	8	<.4	6	<5	87	1.96	.063	8	41	2.36	291	.21	6.91	.04	3.95	4	34	4	7	5	3	10	1
B 162673	<2	12	<5	12	<.5	28	5	1047	3.80	<5	<10	<4	12	9	<.4	<5	<5	84	2.44	.058	6	42	2.91	296	.22	7.01	.04	3.92	5	33	2	9	6	3	10	3
B 162674	<2	3	6	10	<.5	29	6	873	4.58	<5	<10	<4	12	9	<.4	6	<5	88	1.94	.065	35	45	2.86	327	.22	7.06	.03	3.89	5	31	2	9	6	3	9	1
B 162675	<2	4	<5	13	<.5	29	6	799	4.77	<5	<10	<4	12	9	<.4	<5	<5	89	1.75	.063	22	46	2.92	314	.24	7.22	.04	3.88	4	35	2	10	6	3	9	<1
B 162676	2	35	<5	31	<.5	63	30	1489	8.42	6	<10	<4	2	32	<.4	6	<5	343	1.71	.049	22	24	3.67	1027	.60	6.25	.06	5.22	4	24	<2	17	5	2	23	3
B 162677	<2	23	6	34	<.5	65	27	1864	7.46	<5	<10	<4	<2	39	<.4	<5	<5	343	2.59	.055	45	21	4.51	1103	.73	6.42	.07	5.24	<4	33	2	24	4	1	24	2
RE B 162677	<2	26	6	33	<.5	63	27	1818	7.10	5	<10	<4	<2	38	<.4	<5	<5	327	2.51	.054	44	22	4.40	1068	.67	6.30	.06	5.08	<4	31	<2	23	6	2	23	3
RRE B 162677	<2	23	<5	35	<.5	67	27	1883	7.62	<5	<10	<4	<2	40	<.4	<5	<5	347	2.61	.056	47	21	4.56	1136	.73	6.57	.07	5.38	<4	34	<2	25	4	2	24	3
B 162678	<2	14	5	37	<.5	64	32	1701	8.22	<5	<10	<4	<2	35	.4	5	<5	338	2.01	.058	41	21	4.53	1077	.70	6.36	.06	4.70	<4	21	<2	24	4	2	25	1
B 162679	<2	20	<5	34	.5	66	32	1593	8.16	<5	<10	<4	2	42	<.4	<5	<5	351	1.88	.053	26	23	4.30	1193	.66	6.38	.07	4.94	<4	30	<2	20	5	2	24	2
B 162680	3	16	6	30	<.5	56	30	1677	7.86	5	<10	<4	<2	39	<.4	5	<5	335	1.80	.059	39	21	3.96	1160	.63	6.11	.07	4.75	<4	35	<2	18	4	2	26	2
B 162681	<2	40	<5	22	<.5	46	22	1438	6.17	<5	17	<4	6	20	<.4	<5	<5	210	2.17	.058	20	31	3.46	805	.35	5.95	.06	4.47	5	39	2	13	5	2	16	2
B 162682	<2	9	7	11	<.5	29	7	1212	4.37	<5	<10	<4	9	13	<.4	5	<5	83	2.90	.067	39	34	3.16	447	.18	6.19	.04	3.42	5	34	3	13	5	3	8	14
B 162683	<2	4	<5	7	<.5	29	8	637	5.15	<5	<10	<4	11	9	<.4	<5	<5	81	1.84	.060	28	45	2.40	342	.21	6.57	.04	3.98	5	34	3	10	4	3	9	<1
B 162684	<2	3	<5	8	<.5	25	6	662	5.17	<5	<10	<4	11	9	<.4	<5	<5	66	2.00	.055	22	36	2.27	299	.18	5.86	.04	3.63	<4	30	2	10	4	3	8	<1
STANDARD CT3/AU-R	24	61	40	153	6.0	40	12	904	3.98	52	15	<4	23	231	21.6	23	23	131	1.53	.102	28	256	.90	1018	.39	6.97	1.78	1.87	31	43	21	14	18	7	8	447

ICP - .250 GRAM SAMPLE IS DIGESTED WITH 10ML HCLO4-HNO3-HCL-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL, ZR & MN AND MASSIVE SULFIDE SAMPLES. AS, CR, SB, AU SUBJECT TO LOSS BY VOLATILIZATION DURING HCLO4 FUMING.

- SAMPLE TYPE: CORE AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 22 1997 **DATE REPORT MAILED:** Sept 30/97 **SIGNED BY** ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162685	<2	5	8	15	<.5	27	10	851	4.62	<5	<10	<4	11	11	<.4	<5	<5	80	2.81	.057	28	45	3.07	296	.19	6.22	.08	3.57	9	33	<2	10	5	3	9	1
B 162686	<2	5	<5	24	<.5	35	11	684	5.80	<5	<10	<4	13	14	<.4	<5	<5	96	1.59	.075	17	41	2.73	449	.19	6.66	.05	4.44	4	40	2	8	4	3	10	4
B 162687	<2	5	6	19	<.5	25	9	1083	4.83	<5	<10	<4	11	16	<.4	5	<5	74	2.79	.067	23	33	2.91	525	.16	5.64	.06	4.42	9	31	2	10	5	2	8	3
B 162688	<2	5	7	15	<.5	36	11	443	5.12	<5	<10	<4	15	10	<.4	<5	<5	93	.80	.066	11	57	2.24	428	.21	6.96	.05	4.40	4	46	2	7	5	3	10	1
B 162689	<2	5	9	16	<.5	23	6	199	9.23	<5	<10	<4	21	13	<.4	<5	<5	113	.70	.103	11	57	2.25	475	.25	8.66	.05	5.47	6	80	4	5	6	4	11	<1
B 162690	<2	2	12	15	<.5	17	5	95	9.14	<5	<10	<4	21	15	<.4	<5	<5	119	.39	.100	15	51	1.97	574	.28	9.63	.06	6.50	5	76	3	4	8	4	12	<1
B 162691	<2	4	10	15	<.5	16	5	410	7.36	<5	<10	<4	18	20	<.4	<5	<5	116	1.29	.093	14	48	2.35	672	.26	9.23	.06	6.70	4	69	5	6	6	3	13	1
B 162692	<2	4	11	13	<.5	11	4	377	7.67	<5	<10	<4	18	21	<.4	<5	<5	93	1.04	.087	16	40	1.79	658	.22	7.31	.06	5.63	5	69	5	7	5	3	10	<1
B 162693	<2	3	8	35	<.5	51	19	1293	7.17	<5	<10	<4	12	17	<.4	<5	<5	176	2.50	.141	14	45	4.56	548	.35	7.16	.05	4.71	4	58	<2	13	4	2	14	<1
B 162694	<2	6	5	43	.8	61	23	1590	7.67	<5	<10	<4	11	23	.5	<5	<5	264	2.23	.086	17	51	5.03	818	.46	8.12	.07	5.66	5	65	<2	15	4	2	17	1
B 162695	<2	40	<5	34	22.6	21	14	1665	5.13	<5	<10	<4	10	28	<.4	<5	<5	148	3.48	.056	13	44	3.22	1012	.34	6.45	.09	6.84	102	45	<2	15	4	1	12	<1
B 162696	2	6	7	21	2.1	31	12	594	4.81	<5	<10	<4	14	12	.4	<5	<5	111	1.16	.089	19	44	3.37	416	.27	6.84	.04	3.73	11	68	3	12	6	3	11	1
B 162697	<2	4	6	29	1.0	40	17	840	5.01	<5	<10	<4	10	10	<.4	<5	<5	110	1.13	.080	43	49	4.92	305	.20	6.48	.04	2.97	10	60	<2	11	5	3	10	1
RE B 162697	<2	4	8	30	.8	39	17	834	5.14	<5	<10	<4	10	10	<.4	<5	<5	112	1.13	.080	42	47	4.93	304	.22	6.49	.04	2.97	9	61	3	11	4	3	10	1
RRE B 162697	<2	7	<5	30	2.1	40	17	837	5.02	<5	<10	<4	10	10	<.4	<5	<5	109	1.12	.080	43	45	4.88	301	.21	6.41	.03	2.94	24	62	<2	11	4	3	10	2
B 162698	<2	4	6	8	<.5	6	2	2449	2.09	<5	<10	<4	5	24	<.4	5	<5	25	6.18	.057	23	9	4.20	266	.08	2.97	.04	2.76	4	31	<2	12	2	1	4	<1
B 162699	<2	4	6	8	<.5	7	3	2435	1.90	<5	<10	<4	6	24	<.4	7	<5	25	6.62	.078	28	16	4.16	353	.08	2.89	.04	2.85	5	35	<2	12	2	1	3	<1
B 162700	<2	3	<5	6	<.5	4	2	2280	1.43	<5	<10	<4	5	24	<.4	7	<5	19	6.24	.067	22	18	3.66	361	.06	2.89	.05	3.35	4	32	<2	12	4	1	3	<1
B 162701	<2	4	<5	12	<.5	7	3	1764	2.51	<5	<10	<4	7	18	<.4	8	<5	31	4.59	.064	20	19	4.74	291	.09	3.37	.03	2.30	5	49	<2	12	2	1	3	<1
B 162702	<2	4	<5	7	<.5	7	3	2245	2.07	<5	<10	<4	6	22	<.4	5	<5	27	5.82	.085	30	10	3.93	317	.09	3.23	.04	3.04	<4	40	<2	13	2	1	3	<1
B 162703	<2	4	<5	11	<.5	14	6	1627	3.06	<5	<10	<4	10	35	<.4	<5	<5	44	5.22	.078	28	22	3.95	437	.14	4.33	.03	2.89	5	43	<2	15	3	2	5	1
B 162704	<2	4	<5	11	<.5	16	6	2011	2.98	<5	<10	<4	8	32	.4	<5	<5	48	5.82	.078	28	22	3.89	475	.11	4.01	.05	3.55	4	35	<2	14	2	1	5	<1
B 162705	<2	6	<5	10	<.5	11	5	2006	2.53	<5	<10	<4	8	29	<.4	5	<5	39	6.45	.075	24	19	4.27	391	.11	3.86	.04	3.27	4	35	<2	13	2	2	4	<1
B 162706	<2	3	<5	24	<.5	24	10	875	4.57	<5	<10	<4	10	15	<.4	<5	<5	67	3.54	.075	30	35	5.45	221	.18	5.36	.03	2.52	<4	47	<2	12	4	3	8	<1
B 162707	<2	19	9	31	<.5	22	11	396	5.54	<5	<10	<4	14	7	<.4	<5	<5	74	.94	.077	59	41	5.22	115	.27	5.09	.01	1.48	7	80	2	15	6	3	7	<1
B 162708	<2	6	6	29	<.5	29	14	272	5.41	<5	<10	<4	11	6	<.4	6	<5	78	.38	.075	50	42	5.57	126	.22	5.89	.02	1.87	5	62	2	12	5	3	8	1
B 162709	<2	4	<5	24	<.5	31	13	310	5.71	<5	<10	<4	12	9	<.4	<5	<5	84	.38	.080	42	50	6.05	220	.22	6.40	.02	2.42	4	55	2	10	4	3	8	4
RE B 162709	<2	4	9	24	<.5	30	13	311	5.48	<5	<10	<4	12	9	<.4	<5	<5	81	.37	.080	43	51	6.08	223	.21	6.43	.03	2.44	5	57	2	10	4	3	8	<1
RRE B 162709	<2	3	<5	24	<.5	29	13	303	5.74	<5	<10	<4	13	8	<.4	<5	<5	84	.37	.081	42	43	6.08	223	.22	6.40	.03	2.46	<4	57	2	10	5	3	8	2
B 162710	<2	4	7	29	<.5	25	11	280	4.52	<5	<10	<4	10	6	<.4	<5	<5	108	.37	.070	20	35	7.19	121	.21	5.83	.02	1.43	4	49	<2	9	4	3	13	<1
B 162711	<2	3	6	25	<.5	21	10	229	4.40	<5	<10	<4	9	6	<.4	<5	<5	60	.49	.087	33	28	6.82	78	.16	4.64	.01	.72	5	47	<2	11	3	2	6	<1
B 162712	<2	4	<5	19	<.5	17	7	254	3.30	<5	<10	<4	8	5	<.4	<5	<5	47	.50	.070	19	22	6.67	53	.12	4.29	.01	.61	<4	39	<2	9	2	2	6	<1
B 162713	<2	6	<5	19	<.5	11	6	134	3.05	<5	<10	<4	6	5	<.4	<5	<5	35	.40	.089	28	21	6.56	58	.09	3.46	.01	.16	<4	39	<2	9	<2	2	4	<1
B 162714	<2	4	<5	23	<.5	26	10	219	4.66	<5	<10	<4	10	6	<.4	<5	<5	68	.34	.080	32	35	5.88	122	.17	5.23	.02	1.35	5	50	2	12	3	2	8	<1
B 162715	2	4	<5	25	<.5	34	15	514	4.93	<5	<10	<4	10	8	<.4	<5	<5	93	.37	.079	5	42	4.47	380	.17	5.34	.03	2.38	6	44	2	7	2	2	8	<1
STANDARD CT3/AU-R	24	61	43	150	5.8	36	12	886	4.15	52	17	<4	24	230	21.4	23	22	128	1.54	.100	28	250	.91	1006	.38	7.04	1.76	1.88	31	43	18	14	18	7	8	474

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 4 FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162716	6	33	<5	56	<.5	56	38	1414	10.63	<5	<10	<4	2	7	<.4	<5	<5	401	.16	.055	11	57	8.72	83	.64	7.02	.03	1.05	<4	24	<2	12	<2	3	30	14
B 162717	<2	9	<5	50	<.5	57	43	1101	9.41	<5	<10	<4	3	20	<.4	<5	<5	271	1.29	.052	15	43	9.54	1055	.61	6.37	.02	.45	<4	25	<2	15	2	3	19	5
B 162718	<2	3	<5	11	<.5	25	4	926	4.78	<5	<10	<4	13	12	<.4	<5	<5	128	2.36	.077	11	62	2.91	329	.25	8.65	.05	4.55	<4	56	2	16	5	3	14	2
B 162719	<2	3	<5	7	<.5	25	4	1417	3.50	<5	<10	<4	13	14	<.4	9	<5	97	3.59	.064	39	54	2.82	403	.25	7.39	.06	3.91	<4	52	2	14	7	2	12	1
B 162720	<2	5	<5	11	<.5	18	5	2103	3.30	<5	<10	<4	10	15	.5	7	<5	69	6.38	.048	40	40	4.75	371	.15	5.34	.04	2.72	<4	43	<2	20	4	2	10	<1
B 162721	<2	5	<5	8	<.5	31	10	1792	4.81	<5	<10	<4	13	15	.4	<5	<5	101	3.47	.073	57	64	2.33	289	.30	8.16	.06	4.26	4	61	<2	16	7	3	12	2
B 162722	<2	4	<5	14	<.5	34	13	2608	5.42	<5	<10	<4	11	18	<.4	<5	<5	92	4.26	.064	61	68	2.44	374	.19	6.99	.06	3.75	<4	50	2	15	3	2	11	3
B 162723	<2	<2	<5	19	<.5	31	12	386	5.22	<5	<10	<4	13	9	<.4	<5	<5	87	.87	.066	38	46	4.04	347	.20	7.04	.04	3.70	5	45	3	8	5	3	10	6
B 162724	<2	2	7	14	<.5	40	14	563	5.46	<5	<10	<4	15	10	<.4	<5	<5	121	1.47	.073	21	63	3.54	390	.27	8.44	.04	4.72	<4	53	5	10	6	4	13	2
B 162725	<2	2	<5	13	<.5	43	14	278	5.23	<5	<10	<4	12	11	<.4	<5	<5	79	.53	.068	36	45	3.89	481	.21	6.89	.04	3.56	5	43	2	8	6	3	8	10
RE B 162725	<2	2	<5	13	<.5	42	14	274	5.24	<5	<10	<4	12	10	<.4	5	<5	79	.52	.067	36	42	3.88	475	.21	6.83	.04	3.52	4	42	4	9	6	3	8	2
RRE B 162725	<2	3	<5	13	<.5	41	13	268	5.15	<5	<10	<4	12	10	<.4	<5	<5	77	.53	.068	34	41	3.79	462	.21	6.67	.04	3.45	4	42	2	8	5	3	8	80
B 162726	<2	2	<5	15	<.5	34	12	356	5.64	5	<10	<4	12	16	<.4	7	<5	106	.47	.067	19	46	4.22	648	.25	7.06	.05	4.13	4	43	<2	8	6	3	10	3
B 162727	<2	3	<5	27	<.5	34	15	371	6.64	<5	<10	<4	12	5	<.4	<5	<5	99	.19	.067	6	43	7.69	123	.23	6.06	.02	1.36	6	51	<2	10	5	3	10	3
B 162728	16	5	<5	9	<.5	23	4	468	3.47	<5	<10	<4	14	12	<.4	<5	<5	105	2.04	.077	39	53	2.81	271	.25	7.36	.06	3.65	<4	54	<2	13	5	2	14	2
B 162729	<2	3	<5	8	<.5	23	3	786	3.98	<5	<10	<4	12	10	<.4	6	<5	101	3.23	.067	58	52	3.50	222	.22	6.90	.04	3.41	5	50	<2	14	4	2	13	3
B 162730	<2	2	<5	7	<.5	24	3	691	3.27	<5	<10	<4	13	9	<.4	<5	<5	107	2.48	.072	49	65	2.22	243	.28	7.80	.05	4.18	<4	59	<2	15	5	3	13	1
B 162731	<2	3	<5	8	<.5	19	3	267	3.07	<5	<10	<4	12	8	<.4	<5	<5	106	1.53	.072	54	62	2.48	207	.28	7.59	.04	3.82	<4	56	<2	13	3	2	14	1
B 162732	<2	2	<5	19	<.5	33	13	283	5.76	<5	<10	<4	14	8	<.4	<5	<5	84	.21	.071	26	46	4.51	311	.19	7.09	.04	3.70	4	52	2	8	5	3	9	6
B 162733	2	2	<5	15	<.5	31	7	198	8.72	<5	<10	<4	14	12	<.4	7	<5	86	.18	.080	16	46	2.43	588	.21	6.62	.04	4.11	6	41	4	7	6	3	10	7
B 162734	<2	2	<5	4	<.5	11	<2	83	7.39	<5	<10	<4	11	18	<.4	<5	<5	46	.21	.064	27	30	.77	677	.15	4.96	.04	3.85	<4	32	2	5	3	2	6	<1
B 162735	2	2	<5	6	<.5	14	2	95	8.85	5	<10	<4	11	19	<.4	<5	<5	56	.21	.070	18	36	.82	714	.18	5.45	.05	4.07	7	36	4	5	6	3	7	1
B 162736	2	2	<5	4	<.5	8	<2	67	8.20	<5	<10	<4	10	19	<.4	<5	<5	49	.20	.068	9	29	.93	535	.16	4.68	.05	3.76	6	37	3	5	4	2	5	5
B 162737	<2	3	<5	25	<.5	35	15	509	8.27	<5	<10	<4	11	11	<.4	6	<5	142	.20	.072	9	43	4.00	401	.22	6.23	.04	3.56	5	48	2	9	4	2	11	2
B 162738	<2	2	<5	23	<.5	31	10	244	9.70	<5	<10	<4	12	7	<.4	<5	<5	115	.31	.073	7	37	4.91	184	.18	5.44	.02	1.82	4	40	2	8	3	3	9	1
B 162739	<2	2	5	23	<.5	34	20	432	6.80	<5	<10	<4	14	20	<.4	<5	<5	83	.15	.064	28	52	4.24	936	.25	7.15	.07	5.21	<4	51	2	6	5	2	9	1
RE B 162739	<2	2	<5	21	<.5	34	20	429	6.65	<5	<10	<4	14	19	<.4	<5	<5	81	.15	.064	28	50	4.21	932	.22	7.14	.07	5.16	<4	45	3	6	5	2	9	<1
RRE B 162739	<2	3	<5	21	<.5	35	20	431	6.73	5	<10	<4	15	20	<.4	6	<5	82	.15	.067	30	50	4.18	964	.23	7.26	.07	5.36	4	47	2	6	7	2	9	1
B 162740	<2	3	<5	15	<.5	29	17	477	5.49	5	<10	<4	12	26	<.4	<5	<5	65	.29	.060	35	44	2.65	1241	.20	6.75	.09	6.17	4	39	<2	7	6	1	7	1
B 162741	<2	2	6	20	<.5	36	22	553	6.72	<5	<10	<4	14	29	<.4	<5	<5	85	.19	.062	49	53	3.29	1248	.25	7.81	.08	6.23	<4	44	4	6	6	2	10	<1
B 162742	<2	2	5	18	<.5	34	19	516	6.95	<5	<10	<4	15	24	<.4	<5	<5	80	.19	.060	27	51	3.04	1176	.23	7.24	.08	6.06	<4	42	<2	6	5	1	8	<1
B 162743	<2	<2	<5	25	<.5	39	22	530	7.89	<5	<10	<4	15	17	<.4	<5	<5	99	.17	.067	10	56	5.19	1259	.28	7.76	.06	5.03	<4	50	3	6	6	2	11	2
B 162744	<2	2	8	28	<.5	36	22	600	7.53	<5	<10	<4	13	9	<.4	<5	<5	92	.40	.061	13	52	6.45	427	.24	7.07	.04	2.83	<4	47	3	6	6	3	10	2
B 162745	<2	5	<5	19	<.5	39	24	396	6.67	<5	<10	<4	10	19	<.4	<5	<5	141	.20	.053	12	43	3.80	1920	.31	6.33	.05	4.03	<4	50	2	6	4	2	10	2
B 162746	<2	9	5	36	<.5	60	30	741	8.95	<5	<10	<4	5	19	<.4	<5	<5	299	.30	.031	18	45	6.95	2351	.57	6.91	.04	3.05	<4	34	<2	9	<2	2	20	6
STANDARD CT3/AU-R	25	62	37	151	5.8	36	12	892	4.19	52	18	<4	24	233	21.9	22	23	129	1.54	.101	29	253	.91	1021	.38	7.12	1.79	1.90	32	51	18	15	18	7	8	460

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162747	2	2	<5	21	<.5	35	17	409	6.95	9	<10	<4	14	29	<.4	6	<5	101	.24	.068	12	54	3.36	2280	.25	7.37	.08	5.60	6	48	4	6	7	2	11	11
B 162748	2	4	<5	33	<.5	42	17	515	6.82	5	<10	<4	8	16	<.4	<5	<5	236	.65	.076	12	31	5.26	1051	.59	6.68	.05	4.24	5	58	3	11	7	2	16	2
B 162749	2	2	7	27	<.5	29	17	394	5.54	<5	<10	<4	11	8	<.4	6	<5	90	.41	.081	33	33	5.66	231	.19	5.84	.02	1.84	5	49	2	10	5	2	10	4
B 162750	<2	2	<5	24	<.5	37	20	430	7.78	<5	<10	<4	12	10	<.4	5	<5	110	.16	.071	29	47	5.21	440	.24	6.81	.05	3.29	4	49	3	8	6	2	10	13
B 162751	<2	<2	<5	15	<.5	42	19	514	7.31	<5	<10	<4	14	9	<.4	6	<5	88	.12	.055	12	52	3.12	762	.22	6.93	.05	4.13	<4	43	4	5	6	2	10	<1
B 162752	<2	<2	6	15	<.5	20	9	264	5.29	7	<10	<4	10	10	<.4	8	<5	53	.13	.051	5	33	2.67	147	.16	5.45	.79	1.64	5	38	2	4	5	2	5	<1
B 162753	<2	<2	7	20	<.5	27	13	369	8.22	<5	<10	<4	12	11	<.4	<5	<5	85	.18	.064	9	49	4.38	92	.21	7.15	.86	1.93	4	41	3	5	5	2	9	<1
B 162754	<2	<2	7	18	<.5	32	14	321	7.40	5	<10	<4	12	15	<.4	<5	<5	85	.20	.068	32	48	3.84	299	.19	6.95	1.07	2.31	5	43	3	5	5	2	8	1
B 162755	<2	2	<5	11	<.5	24	11	263	5.39	<5	<10	<4	10	8	<.4	<5	<5	46	.13	.043	7	28	2.78	376	.14	4.97	.06	2.39	<4	35	<2	4	4	2	4	<1
RE B 162755	<2	<2	<5	13	<.5	26	11	273	5.56	<5	<10	<4	11	8	<.4	5	<5	48	.14	.045	8	28	2.87	388	.14	5.09	.06	2.45	<4	36	2	4	4	2	4	1
RRE B 162755	<2	<2	5	13	<.5	27	12	288	5.48	<5	<10	<4	10	8	<.4	5	<5	48	.15	.044	8	25	2.93	463	.13	5.12	.05	2.41	4	41	2	4	3	2	4	<1
B 162756	<2	<2	<5	21	<.5	58	24	711	8.01	<5	<10	<4	11	7	<.4	<5	<5	82	.15	.068	15	49	4.14	319	.21	7.01	.07	3.22	<4	39	<2	5	5	2	9	1
B 162757	<2	2	<5	14	<.5	27	14	311	6.38	<5	<10	<4	10	7	<.4	5	<5	71	.13	.058	33	37	4.83	128	.20	6.62	.13	1.74	<4	40	<2	5	4	2	7	2
B 162758	<2	<2	5	14	<.5	18	11	245	6.18	<5	<10	<4	10	11	<.4	<5	<5	75	.17	.062	42	47	5.26	72	.23	7.63	.55	1.73	4	47	2	5	7	3	8	1
B 162759	<2	4	<5	14	<.5	16	10	229	5.78	<5	<10	<4	14	14	<.4	8	<5	75	.15	.067	76	46	4.51	282	.23	7.67	.57	3.19	5	45	<2	7	7	3	10	<1
B 162760	<2	3	<5	15	<.5	28	13	355	6.37	<5	<10	<4	12	10	<.4	<5	<5	86	.16	.067	35	52	4.30	222	.23	7.48	.34	3.13	<4	44	2	7	5	3	9	1
B 162761	<2	<2	<5	21	<.5	16	8	486	4.37	<5	<10	<4	8	13	<.4	<5	<5	57	1.93	.054	26	30	6.63	121	.13	4.96	.03	1.34	4	35	<2	9	3	2	7	2
B 162762	<2	2	7	28	<.5	27	10	596	4.77	<5	<10	<4	10	12	<.4	<5	<5	77	2.76	.075	35	29	5.57	183	.16	5.10	.03	2.15	5	44	3	11	4	2	9	2
B 162763	<2	<2	<5	36	<.5	42	22	483	6.46	<5	<10	<4	13	9	<.4	<5	<5	100	.27	.059	7	47	8.93	262	.21	6.94	.02	1.69	<4	51	<2	11	5	3	8	12
B 162764	<2	3	<5	7	<.5	4	2	1985	1.61	<5	<10	<4	<2	14	<.4	<5	<5	12	9.56	.008	13	6	6.17	71	.01	.59	.02	.09	4	4	<2	15	2	1	9	1
B 162765	<2	<2	<5	30	<.5	38	18	464	6.96	<5	<10	<4	11	9	<.4	<5	<5	106	.27	.075	36	40	6.47	263	.21	6.32	.03	2.48	8	48	2	8	5	2	9	1
B 162766	<2	5	<5	22	<.5	16	8	212	2.85	<5	<10	<4	7	8	<.4	5	<5	46	.60	.060	19	20	5.13	83	.13	3.78	.02	.67	4	39	<2	10	3	2	5	3
B 162767	3	74	<5	24	<.5	18	12	2110	3.87	<5	<10	<4	2	17	<.4	5	<5	117	7.59	.038	11	9	7.03	3932	.21	2.65	.02	.45	4	17	<2	17	2	2	13	3
RE B 162767	3	78	5	25	<.5	17	12	2112	3.88	<5	<10	<4	3	17	<.4	<5	<5	118	7.60	.037	12	9	7.05	3944	.23	2.63	.02	.44	4	19	<2	18	2	2	13	2
RRE B 162767	3	68	<5	28	<.5	21	13	2149	4.23	<5	<10	<4	2	17	<.4	<5	<5	134	7.50	.041	12	8	7.30	3841	.26	2.97	.02	.50	<4	20	<2	18	2	2	13	2
B 162768	<2	36	<5	7	<.5	8	3	2247	2.12	<5	<10	<4	4	27	<.4	5	<5	33	8.76	.037	12	10	5.82	1366	.07	2.28	.02	1.26	4	18	<2	18	3	1	9	2
B 162769	<2	6	<5	10	<.5	13	6	1141	1.99	<5	<10	<4	5	43	<.4	<5	<5	42	6.63	.048	14	17	4.27	198	.09	3.03	.02	1.42	<4	29	<2	12	2	2	9	1
B 162770	<2	24	<5	3	<.5	3	<2	1598	1.07	<5	<10	<4	<2	16	<.4	6	<5	3	6.27	.004	6	9	3.25	32	<.01	.12	.02	.03	9	2	<2	8	<2	<1	4	2
B 162771	<2	21	<5	57	<.5	60	28	1564	6.72	5	<10	<4	<2	10	<.4	6	<5	198	2.48	.036	7	47	7.60	76	.40	5.80	.02	.75	5	21	<2	9	2	3	12	1
B 162772	<2	13	9	67	<.5	66	34	1483	7.69	<5	<10	<4	<2	9	<.4	5	<5	252	2.50	.043	10	49	8.62	70	.42	6.46	.02	.66	6	28	<2	11	3	3	14	3
B 162773	<2	13	<5	13	<.5	12	5	1904	4.17	<5	<10	<4	3	13	<.4	5	<5	65	5.99	.023	6	15	4.79	83	.10	2.22	.02	.82	4	23	<2	10	2	1	8	19
B 162774	<2	3	<5	4	<.5	5	<2	1631	1.11	<5	<10	<4	<2	56	<.4	6	<5	11	9.93	.007	9	5	4.74	29	.01	.40	.01	.05	5	6	<2	12	<2	<1	11	3
B 162775	<2	<2	<5	38	<.5	36	14	298	5.96	<5	<10	<4	10	7	<.4	8	<5	106	.29	.068	35	39	5.02	142	.19	5.97	.01	1.93	5	53	2	8	6	3	8	1
B 162776	<2	2	<5	18	<.5	12	5	916	2.54	<5	<10	<4	3	27	<.4	5	<5	32	5.76	.039	17	12	5.46	32	.04	2.29	.01	.33	<4	25	<2	11	<2	1	8	6
B 162777	<2	19	<5	28	<.5	27	10	784	3.39	<5	<10	<4	2	11	<.4	5	<5	64	3.30	.039	17	23	5.87	15	.11	2.94	.01	.07	<4	25	<2	7	2	2	8	<1
STANDARD CT3/AU-R	25	61	41	153	5.6	38	12	936	4.21	55	23	<4	25	234	22.4	24	21	131	1.57	.103	27	257	.92	1030	.39	7.19	1.80	1.93	33	48	19	15	18	7	9	463

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162778	<2	31	<5	44	<.5	52	15	809	4.90	<5	<10	<4	<2	9	<.4	<5	<5	152	2.57	.032	18	31	6.78	23	.25	4.32	.03	.17	4	18	<2	6	<2	2	12	4
B 162779	<2	3	<5	28	<.5	32	12	315	5.15	<5	<10	<4	12	14	<.4	5	<5	83	.44	.070	8	40	3.52	465	.20	6.52	.06	4.61	4	52	2	7	6	2	7	1
B 162780	<2	3	<5	26	<.5	33	12	289	5.07	<5	<10	<4	12	13	<.4	<5	<5	96	.40	.066	17	34	3.55	426	.20	5.92	.04	3.68	4	49	<2	6	5	2	7	1
B 162781	<2	3	<5	30	<.5	33	13	509	5.23	<5	<10	<4	11	11	<.4	<5	<5	86	.84	.054	13	33	5.13	300	.16	5.41	.03	2.20	<4	45	2	7	3	2	8	1
B 162782	<2	3	<5	34	<.5	40	15	279	5.25	<5	<10	<4	10	7	<.4	<5	<5	85	.21	.077	51	29	4.53	162	.17	5.49	.02	1.76	<4	54	<2	9	3	2	7	<1
B 162783	<2	3	<5	40	<.5	42	18	650	5.90	<5	<10	<4	6	8	<.4	<5	<5	133	.86	.061	19	35	6.92	87	.27	5.68	.01	.87	4	39	<2	10	4	3	9	<1
B 162784	<2	2	<5	26	<.5	30	13	402	5.35	<5	<10	<4	8	7	<.4	<5	<5	117	.50	.070	19	34	5.23	212	.26	5.82	.03	2.03	4	42	2	7	3	3	10	1
B 162785	9	3	<5	38	<.5	38	16	569	5.84	<5	<10	<4	11	11	<.4	<5	<5	128	.80	.076	7	33	4.97	298	.27	5.89	.05	3.00	<4	55	<2	9	4	2	9	2
B 162786	<2	<2	<5	23	<.5	33	12	284	6.25	<5	<10	<4	13	18	<.4	6	<5	101	.14	.061	5	41	2.66	627	.20	6.87	.08	4.72	4	49	3	5	6	2	9	<1
B 162787	<2	3	<5	41	<.5	42	19	925	5.47	<5	<10	<4	7	12	<.4	<5	<5	125	3.24	.056	24	40	5.87	196	.23	5.51	.02	1.96	4	36	<2	10	3	2	16	2
RE B 162787	<2	2	<5	41	<.5	44	19	943	5.63	<5	<10	<4	6	12	<.4	6	<5	128	3.33	.058	25	37	6.00	199	.25	5.65	.02	2.00	6	38	<2	10	4	2	16	1
RRE B 162787	<2	3	<5	38	<.5	43	18	1024	5.45	<5	<10	<4	6	13	<.4	6	<5	122	4.12	.056	23	35	6.19	192	.22	5.45	.03	1.98	6	37	<2	10	4	2	17	1
B 162788	<2	3	<5	24	<.5	26	12	782	4.42	<5	<10	<4	9	11	<.4	7	<5	86	2.96	.071	36	26	4.07	276	.17	4.99	.03	2.43	5	40	<2	10	5	2	10	<1
B 162789	3	11	<5	37	<.5	32	16	586	5.09	<5	<10	<4	8	10	<.4	5	<5	117	1.74	.065	8	39	4.22	402	.18	5.06	.03	2.23	5	36	<2	6	3	2	13	1
B 162790	<2	11	<5	70	<.5	87	44	1624	8.29	<5	<10	<4	2	11	<.4	<5	<5	221	3.70	.047	9	99	6.08	371	.39	6.82	.34	2.01	<4	21	<2	10	2	2	26	2
B 162791	<2	4	<5	48	<.5	52	22	2838	6.07	<5	<10	<4	2	13	.5	<5	<5	143	5.69	.039	11	48	5.77	608	.20	5.14	.15	1.99	<4	21	<2	11	2	2	20	1
B 162792	<2	14	<5	59	<.5	64	27	2983	6.63	<5	<10	<4	<2	16	.4	<5	<5	148	6.14	.032	10	56	6.41	285	.20	5.27	.18	1.44	<4	16	<2	10	2	2	21	5
B 162793	<2	18	6	38	<.5	46	19	2357	5.95	<5	<10	<4	3	15	<.4	<5	<5	135	4.77	.042	14	38	4.83	212	.23	4.92	.15	2.13	4	25	<2	11	2	2	15	3
B 162794	<2	3	<5	7	<.5	8	4	1763	2.07	<5	<10	<4	5	23	<.4	<5	<5	32	4.07	.054	30	12	2.49	426	.08	3.98	.06	4.30	<4	28	<2	9	<2	1	5	1
B 162795	<2	3	10	38	<.5	32	13	675	4.95	<5	<10	<4	12	15	<.4	5	<5	74	1.25	.075	18	36	2.91	531	.20	6.19	.07	4.86	6	50	2	8	6	2	7	1
B 162796	<2	3	<5	27	<.5	33	14	595	5.08	<5	<10	<4	13	20	<.4	5	<5	76	.35	.071	17	40	2.87	675	.23	6.81	.10	5.47	4	46	2	6	7	2	5	1
B 162797	2	3	<5	25	<.5	30	12	671	4.20	<5	<10	<4	12	20	<.4	<5	<5	82	.88	.115	15	36	2.32	832	.18	5.96	.07	5.48	6	45	2	8	5	1	6	1
B 162798	<2	3	5	16	<.5	17	8	379	3.30	<5	<10	<4	11	18	<.4	<5	<5	61	.86	.070	13	27	1.87	482	.17	5.25	.06	4.59	<4	43	2	6	3	1	5	<1
B 162799	<2	2	<5	21	<.5	31	13	298	4.75	<5	<10	<4	12	16	<.4	<5	<5	81	.33	.079	11	39	2.38	623	.20	6.19	.06	4.83	5	54	<2	7	6	2	7	1
B 162800	<2	2	<5	25	<.5	34	13	327	5.20	<5	<10	<4	14	12	<.4	<5	<5	90	.23	.071	6	37	2.87	433	.21	6.16	.11	3.75	<4	53	<2	6	5	2	8	<1
RE B 162800	2	2	<5	25	<.5	33	13	326	5.13	<5	<10	<4	12	12	<.4	<5	<5	88	.22	.070	6	40	2.81	422	.21	6.06	.11	3.67	<4	51	2	6	5	2	8	1
RRE B 162800	2	2	<5	22	<.5	32	12	311	5.10	<5	<10	<4	13	13	<.4	<5	<5	87	.22	.070	8	35	2.69	444	.20	6.11	.14	3.82	6	50	2	6	5	2	8	2
B 162801	<2	2	<5	25	<.5	34	14	355	5.14	<5	<10	<4	12	18	<.4	<5	<5	90	.40	.079	8	38	2.88	818	.21	6.12	.05	3.95	4	53	2	7	5	2	8	1
B 162802	<2	4	5	13	<.5	20	7	160	2.69	<5	<10	<4	12	14	<.4	<5	<5	77	.35	.096	13	28	1.70	622	.18	5.18	.03	2.78	5	51	2	7	5	3	8	1
B 162803	<2	3	<5	23	<.5	28	12	303	3.68	<5	<10	<4	13	11	<.4	<5	<5	79	.85	.096	39	32	2.95	391	.22	5.81	.02	2.75	4	57	<2	10	6	3	14	1
B 162804	<2	3	<5	12	<.5	17	7	110	2.59	<5	<10	<4	12	10	<.4	<5	<5	79	.19	.085	35	33	1.47	308	.21	5.13	.03	2.91	5	56	<2	6	5	3	7	1
B 162805	<2	4	<5	13	<.5	16	7	131	2.29	<5	<10	<4	10	15	<.4	<5	<5	67	.31	.127	20	27	1.44	458	.15	4.24	.03	2.46	5	49	<2	6	5	2	6	1
B 162806	<2	2	<5	30	<.5	31	14	234	6.57	<5	10	<4	14	15	<.4	<5	<5	121	.20	.096	11	44	3.08	608	.23	7.43	.06	5.26	4	60	2	6	5	2	8	1
B 162807	2	3	6	23	<.5	27	12	229	5.28	<5	<10	<4	13	16	<.4	<5	<5	100	.27	.083	15	40	2.30	529	.20	6.42	.06	4.75	4	53	3	7	4	2	9	1
B 162808	<2	4	7	9	.5	4	3	1512	2.00	<5	<10	<4	8	23	<.4	6	<5	40	3.78	.063	29	18	2.19	395	.12	3.59	.06	3.96	5	38	<2	9	3	1	8	1
STANDARD CT3/AU-R	25	60	39	150	5.6	38	12	882	4.04	50	22	<4	24	229	22.4	20	26	128	1.51	.100	26	251	.88	1015	.38	6.93	1.80	1.88	28	48	18	14	17	7	8	446

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162809	<2	2	<5	8	<.5	5	3	1896	2.09	<5	<10	<4	5	28	<.4	5	<5	30	5.11	.067	23	15	3.32	318	.10	3.02	.05	3.08	<4	33	<2	12	3	1	6	3
B 162810	<2	3	6	9	<.5	8	4	1227	2.19	<5	<10	<4	6	37	<.4	<5	<5	34	4.01	.075	21	15	2.49	329	.09	3.21	.04	2.97	5	29	<2	10	3	1	6	1
B 162811	2	2	6	22	<.5	30	13	269	5.33	<5	<10	<4	14	18	<.4	<5	<5	106	.54	.095	25	42	2.75	450	.21	6.76	.05	4.42	<4	52	4	9	6	3	10	2
B 162812	3	4	<5	22	<.5	28	11	189	5.19	<5	<10	<4	12	13	<.4	<5	<5	106	.26	.089	10	39	2.40	470	.18	6.14	.05	4.47	4	56	2	6	5	3	9	4
B 162813	2	5	<5	19	.5	23	10	186	4.75	<5	<10	<4	14	14	<.4	<5	<5	115	.33	.093	29	41	2.34	534	.20	6.57	.05	4.73	<4	59	2	7	5	3	10	3
B 162814	3	3	6	22	<.5	18	11	391	4.80	<5	<10	<4	13	26	<.4	<5	<5	68	.39	.068	11	37	2.16	1586	.19	6.69	.07	6.44	<4	70	3	7	6	2	6	3
B 162815	<2	2	<5	23	<.5	28	15	536	5.12	<5	<10	<4	11	17	<.4	<5	6	69	1.03	.069	36	37	3.66	513	.20	6.01	.05	4.53	<4	54	2	10	5	2	7	3
B 162816	<2	2	<5	26	<.5	34	16	327	5.79	<5	<10	<4	12	15	<.4	<5	<5	84	.36	.086	16	40	3.54	463	.20	6.14	.05	4.25	4	50	3	9	5	2	9	1
B 162817	<2	2	7	31	.5	32	15	248	5.51	<5	<10	<4	15	13	<.4	<5	<5	99	.23	.104	23	44	3.42	453	.22	7.19	.04	4.17	<4	57	4	10	6	3	11	2
B 162818	<2	2	<5	28	<.5	49	18	506	6.37	<5	<10	<4	12	13	<.4	<5	<5	94	.43	.075	61	46	4.59	423	.22	7.12	.04	3.98	<4	52	4	9	5	3	11	2
B 162819	2	2	5	27	<.5	38	15	598	5.71	<5	<10	<4	12	15	<.4	<5	<5	91	1.03	.083	32	38	4.06	473	.21	6.43	.05	4.05	<4	48	3	10	4	2	9	2
RE B 162819	2	2	<5	28	.5	38	15	610	5.84	<5	<10	<4	12	15	.4	<5	<5	93	1.04	.085	33	38	4.11	478	.21	6.49	.05	4.09	<4	49	2	10	5	2	9	3
RRE B 162819	2	2	<5	28	.5	37	16	606	5.90	5	<10	<4	12	15	<.4	7	<5	95	1.02	.086	34	40	4.09	492	.22	6.62	.05	4.23	6	51	5	10	7	3	9	4
B 162820	<2	4	5	38	<.5	56	19	573	5.95	<5	<10	<4	9	13	<.4	5	<5	121	.17	.064	17	65	4.68	447	.25	6.58	.06	3.60	<4	50	2	9	4	2	12	1
B 162821	6	3	<5	21	<.5	29	16	735	5.34	<5	<10	<4	10	19	<.4	<5	<5	73	1.45	.072	49	37	4.08	504	.17	5.89	.08	3.95	<4	39	2	11	5	2	8	2
B 162822	<2	3	5	24	<.5	27	14	477	6.60	6	<10	<4	10	26	<.4	5	<5	88	.16	.063	45	50	3.43	748	.25	6.88	.93	4.49	<4	45	3	6	7	2	9	1
B 162823	<2	3	<5	22	<.5	35	11	585	5.49	<5	<10	<4	12	30	<.4	5	<5	91	.20	.081	26	48	2.45	849	.22	7.35	1.31	5.00	6	42	3	6	7	2	7	3
B 162824	<2	2	<5	27	<.5	42	14	792	6.23	<5	<10	<4	12	24	<.4	8	<5	93	.15	.065	15	50	3.18	865	.22	6.97	.50	5.24	<4	38	3	5	6	2	7	<1
B 162825	<2	2	7	33	<.5	62	22	1214	6.65	<5	<10	<4	11	26	<.4	<5	<5	99	.16	.065	12	54	4.31	763	.23	7.67	1.09	3.98	<4	38	4	5	5	2	7	3
B 162826	<2	2	8	24	<.5	26	8	450	5.42	<5	<10	<4	12	24	<.4	6	<5	70	.14	.066	14	44	2.12	1011	.22	6.53	.14	6.16	4	33	2	5	6	2	4	1
B 162827	<2	3	<5	15	<.5	15	6	253	5.66	<5	<10	<4	10	23	<.4	<5	5	64	.13	.065	18	35	1.91	1103	.19	6.05	.08	6.10	4	29	3	5	6	2	4	<1
B 162828	<2	3	9	17	<.5	22	7	285	4.86	<5	<10	<4	9	19	<.4	<5	<5	57	.12	.057	28	34	1.94	1317	.18	5.61	.08	5.64	6	32	2	5	5	1	4	1
B 162829	<2	2	<5	21	<.5	21	8	208	7.71	<5	<10	<4	10	20	<.4	<5	<5	73	.13	.067	50	38	2.49	933	.18	5.97	.08	5.79	<4	43	2	7	3	2	5	2
B 162830	<2	3	7	13	<.5	15	5	172	6.29	<5	<10	<4	9	21	<.4	<5	<5	58	.12	.062	43	36	1.48	912	.18	5.51	.08	6.04	<4	42	3	6	4	1	5	<1
B 162831	<2	2	5	25	<.5	30	10	388	6.75	<5	<10	<4	11	18	<.4	<5	<5	65	.11	.056	30	32	3.05	813	.16	5.54	.06	4.74	4	45	2	6	4	2	5	2
B 162832	<2	<2	<5	42	<.5	47	17	534	10.79	<5	<10	<4	13	18	<.4	<5	<5	101	.15	.070	36	45	6.16	604	.23	7.59	.07	5.22	<4	69	4	7	4	2	7	<1
RE B 162832	<2	<2	<5	40	<.5	45	16	515	10.30	<5	<10	<4	14	18	<.4	<5	<5	96	.14	.070	34	45	6.01	582	.21	7.38	.07	5.05	<4	66	3	7	3	2	7	<1
RRE B 162832	<2	2	6	36	<.5	46	16	517	9.90	<5	<10	<4	14	18	<.4	<5	<5	93	.14	.070	33	41	5.72	613	.19	7.38	.07	5.30	<4	63	<2	7	4	2	7	<1
B 162833	<2	2	9	12	<.5	17	5	175	6.75	<5	<10	<4	10	25	<.4	<5	<5	51	.14	.070	45	29	1.33	1126	.16	6.20	.09	7.27	4	58	2	6	4	1	3	1
B 162834	<2	2	7	20	<.5	17	7	169	7.58	<5	<10	<4	10	22	<.4	<5	<5	64	.13	.068	59	32	2.73	929	.17	6.76	.08	6.95	4	63	2	7	4	2	4	2
B 162835	<2	2	<5	22	<.5	25	8	279	6.84	<5	<10	<4	11	20	<.4	8	6	62	.13	.065	55	32	2.52	842	.16	5.86	.07	5.66	4	53	2	5	5	2	4	<1
B 162836	6	5	7	14	<.5	9	5	99	7.63	<5	10	<4	12	35	<.4	<5	<5	58	.18	.084	61	28	1.96	2257	.16	7.14	.09	8.19	<4	61	2	5	3	2	4	<1
B 162837	<2	2	8	39	<.5	30	12	265	11.05	<5	<10	<4	16	20	<.4	5	<5	91	.18	.086	76	42	6.09	728	.22	7.57	.06	5.56	5	72	2	6	4	3	7	<1
B 162838	<2	2	<5	35	<.5	30	12	314	9.63	<5	<10	<4	13	20	<.4	<5	<5	92	.18	.081	48	47	5.86	950	.23	7.30	.06	5.34	4	65	2	6	5	3	6	<1
B 162839	<2	<2	<5	29	<.5	23	10	291	9.60	<5	<10	<4	10	12	<.4	<5	<5	100	.27	.063	41	36	8.20	226	.18	5.59	.03	1.67	<4	40	<2	6	4	3	8	1
STANDARD CT3/AU-R	23	60	37	150	6.1	37	12	880	3.92	52	22	<4	23	226	21.1	20	26	127	1.50	.100	28	248	.96	996	.38	6.90	1.71	1.86	29	42	18	14	17	7	8	468

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162840	<2	4	9	18	<.5	22	9	311	6.77	<5	<10	<4	8	17	<.4	<5	<5	85	.28	.066	39	37	2.96	635	.23	5.62	.07	4.76	5	45	2	6	5	2	5	5
B 162841	<2	2	6	31	<.5	33	10	432	7.82	<5	<10	<4	12	12	<.4	<5	<5	74	.44	.068	65	43	7.79	302	.21	6.46	.03	2.35	4	45	3	6	6	3	6	2
B 162842	<2	3	8	14	<.5	13	4	93	4.41	<5	<10	<4	11	14	<.4	5	<5	56	.16	.062	14	39	2.66	608	.21	6.80	.07	6.54	5	34	3	4	6	1	2	1
B 162843	<2	2	6	27	<.5	41	15	307	8.20	<5	<10	<4	13	12	<.4	7	<5	118	.44	.086	64	50	4.55	304	.22	7.47	.04	3.81	6	53	3	9	7	3	11	1
B 162844	<2	3	7	26	<.5	40	15	287	7.04	<5	<10	<4	15	15	<.4	<5	<5	126	.17	.080	40	57	3.52	664	.27	8.01	.06	5.88	<4	64	2	6	6	3	11	2
B 162845	2	4	<5	42	.8	56	21	570	9.14	<5	<10	<4	8	12	<.4	9	<5	270	.18	.086	28	47	6.21	441	.60	8.05	.04	3.98	7	51	<2	10	7	3	18	1
B 162846	3	6	6	23	<.5	30	13	211	5.85	<5	<10	<4	10	9	<.4	5	<5	142	.25	.088	34	32	5.50	327	.23	5.71	.03	2.45	6	47	<2	9	5	2	8	<1
B 162847	10	13	<5	40	.8	58	25	806	6.40	<5	<10	<4	4	11	<.4	<5	<5	385	.86	.105	16	33	7.92	373	.65	7.19	.04	3.27	<4	75	3	13	3	2	17	5
B 162848	<2	2	<5	51	.6	60	24	616	8.82	7	<10	<4	5	8	<.4	5	<5	409	.25	.078	32	34	9.93	163	.57	7.43	.02	1.91	<4	89	<2	12	6	3	21	1
RE B 162848	<2	2	<5	51	.5	60	24	611	8.86	<5	<10	<4	6	8	<.4	<5	<5	411	.25	.077	31	34	10.01	161	.60	7.40	.02	1.89	<4	93	2	13	4	2	21	<1
RRE B 162848	<2	2	5	46	<.5	59	23	596	8.65	<5	<10	<4	5	8	<.4	<5	<5	414	.25	.077	31	32	9.74	191	.63	7.67	.02	2.43	<4	90	2	13	2	2	21	<1
B 162849	<2	6	<5	35	<.5	60	27	709	8.90	9	<10	<4	6	11	<.4	6	<5	353	.28	.101	29	27	6.91	358	.48	7.27	.05	4.00	<4	80	<2	10	4	2	20	1
B 162850	<2	4	<5	44	.5	79	29	767	8.49	<5	<10	<4	5	10	<.4	5	<5	292	.23	.052	24	38	8.13	221	.47	7.14	.03	2.21	<4	47	<2	10	3	3	16	<1
B 162851	37	15	<5	35	<.5	48	29	195	9.11	<5	<10	<4	18	41	<.4	6	<5	134	.26	.119	63	49	6.88	3353	.28	8.36	.03	3.14	4	73	3	9	6	4	12	16
B 162852	5	8	6	18	<.5	24	17	82	10.46	<5	<10	<4	14	46	<.4	5	<5	89	.18	.077	57	41	6.93	2595	.23	8.08	.04	3.65	7	63	2	6	6	3	10	1
B 162853	2	2	<5	30	<.5	30	14	130	7.97	<5	<10	<4	15	38	<.4	7	<5	74	.19	.087	58	45	6.98	3479	.27	7.90	.04	4.09	5	62	<2	7	7	3	7	1
B 162854	<2	3	20	66	<.5	57	20	245	6.99	<5	11	<4	22	15	.4	9	<5	136	.41	.181	56	64	5.77	640	.34	9.60	.03	4.20	8	98	6	15	10	5	13	2
B 162855	<2	3	<5	22	.6	34	12	180	4.43	<5	<10	<4	14	11	<.4	5	<5	86	.30	.106	40	40	3.58	528	.23	6.73	.03	2.97	4	64	3	12	6	3	10	1
B 162856	7	3	11	21	<.5	29	11	179	3.89	<5	<10	<4	10	15	<.4	6	<5	118	.27	.098	44	37	3.81	650	.29	6.32	.04	3.79	5	61	<2	11	6	2	8	2
B 162857	<2	3	<5	20	<.5	33	13	255	6.09	<5	<10	<4	11	15	<.4	7	<5	97	.17	.077	35	44	3.36	661	.21	6.57	.08	4.55	5	45	<2	7	6	2	8	2
B 162858	<2	2	6	20	<.5	38	14	214	5.89	<5	<10	<4	11	32	<.4	7	5	90	.17	.075	26	41	2.73	2478	.19	6.56	.06	4.76	4	42	4	7	5	2	9	1
B 162859	2	4	6	20	<.5	36	20	234	5.96	<5	<10	<4	13	18	<.4	6	<5	80	.15	.076	116	42	2.73	1184	.20	6.09	.07	5.24	<4	42	2	8	5	1	7	3
B 162860	2	2	9	31	.5	49	17	358	7.11	<5	<10	<4	12	18	<.4	5	<5	124	.24	.102	37	42	3.87	634	.25	6.50	.07	4.84	4	53	<2	9	5	2	8	1
B 162861	5	3	5	30	<.5	38	13	317	6.80	<5	11	<4	13	13	<.4	5	<5	126	.29	.095	11	42	3.81	458	.26	6.51	.05	4.49	6	51	2	10	5	2	9	1
B 162862	<2	2	<5	28	<.5	40	20	229	5.40	<5	<10	<4	14	11	<.4	<5	<5	81	.46	.118	35	40	4.39	313	.22	6.88	.03	2.68	<4	55	<2	12	4	3	9	<1
B 162863	<2	2	<5	21	<.5	28	16	382	4.57	<5	<10	<4	13	12	<.4	8	<5	71	1.64	.110	46	36	3.98	381	.22	6.22	.03	2.65	5	54	<2	12	6	3	8	<1
RE B 162863	<2	2	5	20	<.5	29	16	382	4.46	<5	<10	<4	13	12	<.4	9	5	69	1.63	.109	45	36	3.95	384	.20	6.21	.03	2.65	5	52	2	12	6	3	8	<1
RRE B 162863	<2	<2	<5	18	<.5	27	16	361	4.36	<5	<10	<4	14	12	<.4	6	<5	71	1.55	.109	44	34	3.77	382	.21	6.24	.03	2.72	5	52	2	12	6	3	8	<1
B 162864	<2	3	6	20	<.5	28	14	638	4.37	<5	<10	<4	13	14	<.4	6	5	72	2.03	.132	45	35	3.93	319	.21	6.12	.02	2.69	5	54	2	13	5	3	8	<1
B 162865	<2	3	8	18	<.5	29	15	417	3.84	<5	<10	<4	12	13	<.4	8	<5	66	1.19	.113	44	33	3.44	625	.20	6.22	.03	2.75	4	50	3	11	6	3	8	<1
B 162866	<2	2	7	17	<.5	23	12	986	3.77	<5	<10	<4	11	21	<.4	9	<5	60	2.84	.112	42	28	3.78	1610	.18	5.39	.02	2.39	5	45	4	13	6	3	8	<1
B 162867	2	2	5	14	<.5	25	9	178	6.81	<5	<10	<4	11	15	<.4	<5	<5	83	.30	.085	28	34	2.27	630	.19	5.96	.04	4.36	<4	41	4	7	4	2	7	1
B 162868	5	2	6	8	<.5	20	6	123	6.98	<5	<10	<4	10	15	<.4	<5	<5	83	.33	.088	40	32	1.69	397	.20	5.62	.04	4.24	5	40	4	7	5	2	8	2
B 162869	3	3	<5	16	.5	36	16	1002	5.08	7	<10	<4	7	22	<.4	6	<5	103	2.40	.075	47	38	3.36	826	.21	5.85	.05	4.60	4	38	2	12	5	2	9	3
B 162870	2	2	6	7	<.5	17	4	297	4.66	<5	<10	<4	9	17	<.4	5	<5	78	.99	.072	41	37	1.73	464	.18	6.06	.05	4.99	6	33	4	7	5	2	8	28
STANDARD CT3	24	62	37	153	5.8	37	12	882	4.11	51	20	<4	23	227	21.3	24	21	128	1.55	.100	28	249	.91	996	.37	7.07	1.74	1.87	30	43	21	14	17	7	8	483

Standard is STANDARD CT3/AU-R. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162871	<2	3	<5	10	<.5	20	10	1963	3.26	5	<10	<4	13	20	.5	8	<5	56	6.61	.081	45	32	5.19	395	.16	5.38	.04	2.90	4	40	2	18	4	3	6	1
B 162872	<2	10	<5	8	<.5	20	10	1769	3.15	10	<10	<4	13	19	.4	7	<5	63	6.40	.097	35	24	4.94	354	.18	5.73	.03	3.21	<4	48	3	15	5	3	7	<1
B 162873	3	64	<5	7	<.5	18	10	2070	2.77	<5	<10	<4	12	20	<.4	5	<5	43	7.23	.093	37	15	5.27	547	.14	4.49	.03	2.43	<4	42	<2	15	3	2	5	<1
B 162874	2	24	<5	8	<.5	16	9	3274	2.81	<5	<10	<4	10	26	.4	7	<5	45	8.77	.079	35	15	5.86	557	.12	4.21	.03	2.44	<4	33	<2	16	4	2	5	<1
B 162875	<2	6	<5	10	<.5	15	9	4269	3.00	6	<10	<4	8	31	<.4	5	<5	31	9.83	.095	28	10	6.28	748	.08	2.86	.03	1.78	<4	26	<2	16	3	1	3	<1
B 162876	<2	2	<5	11	<.5	18	12	2920	3.00	<5	<10	<4	11	24	.4	9	<5	48	6.69	.107	32	12	5.04	278	.16	3.86	.02	2.07	4	47	2	18	5	2	5	<1
B 162877	<2	2	7	8	.5	17	9	3164	3.03	6	<10	<4	13	34	<.4	8	<5	52	7.42	.091	35	18	5.01	487	.15	4.95	.02	2.75	<4	47	<2	20	4	3	6	<1
B 162878	<2	2	<5	12	<.5	19	12	3791	3.34	<5	<10	<4	9	37	<.4	6	<5	80	8.22	.075	53	16	5.53	373	.19	4.48	.03	2.82	4	38	2	18	3	2	8	<1
B 162879	<2	3	<5	12	<.5	18	11	3366	3.31	<5	<10	<4	10	38	<.4	8	<5	49	7.64	.081	39	20	4.95	1497	.12	4.70	.03	2.64	<4	38	<2	17	3	3	6	<1
B 162880	2	48	7	13	<.5	21	11	2173	3.86	5	<10	<4	11	30	<.4	<5	<5	52	4.76	.073	43	20	3.31	826	.15	5.13	.05	4.83	4	33	2	13	4	1	5	<1
RE B 162880	<2	51	<5	13	<.5	21	11	2205	3.91	5	<10	<4	11	31	<.4	6	<5	52	4.81	.075	45	20	3.35	835	.15	5.20	.05	4.90	4	34	2	13	4	1	6	1
RRE B 162880	<2	56	<5	11	<.5	21	11	2112	4.01	6	<10	<4	11	31	<.4	8	<5	53	4.59	.073	45	24	3.24	898	.15	5.25	.05	4.98	5	34	2	13	4	2	6	<1
B 162881	3	10	5	11	<.5	26	13	2197	4.92	<5	<10	<4	13	31	<.4	6	<5	71	5.21	.081	47	24	3.76	564	.17	5.66	.04	3.82	4	41	2	17	4	3	7	3
B 162882	<2	9	<5	13	<.5	27	12	1092	3.98	<5	<10	<4	11	35	.4	<5	<5	60	3.32	.065	46	27	1.99	1109	.15	5.65	.05	5.37	4	35	<2	12	4	1	6	1
B 162883	<2	7	<5	13	<.5	23	8	950	3.95	<5	<10	<4	11	47	<.4	<5	<5	56	3.77	.059	45	32	1.54	1375	.15	5.85	.07	6.37	<4	36	<2	12	4	1	6	1
B 162884	<2	4	<5	7	<.5	15	8	3461	2.81	<5	<10	<4	9	96	<.4	<5	<5	42	13.20	.060	44	15	2.02	335	.16	4.13	.03	2.34	<4	37	2	21	5	3	5	<1
B 162885	<2	2	<5	6	<.5	13	9	3028	2.25	<5	<10	<4	10	159	<.4	<5	<5	41	16.30	.085	36	15	1.10	290	.16	3.86	.02	2.15	<4	40	2	18	5	2	5	1
B 162886	6	74	7	8	<.5	20	12	2625	2.92	<5	<10	<4	10	156	<.4	<5	<5	49	13.96	.079	28	18	1.37	342	.19	4.18	.02	2.25	4	41	<2	15	5	2	5	<1
B 162887	6	2	<5	11	<.5	22	11	2284	3.66	<5	<10	<4	12	61	<.4	<5	<5	54	7.71	.092	40	29	2.89	670	.15	4.89	.03	2.78	<4	46	2	20	4	3	6	<1
B 162888	<2	2	<5	9	<.5	32	7	579	4.94	<5	<10	<4	13	16	<.4	<5	<5	79	2.09	.067	46	40	1.97	432	.20	6.90	.03	3.94	5	27	2	10	5	3	9	<1
B 162889	<2	6	<5	7	<.5	27	10	662	5.53	<5	<10	<4	12	15	<.4	<5	<5	70	1.51	.063	39	35	1.90	611	.18	6.21	.04	4.03	<4	23	2	8	4	2	8	3
B 162890	<2	28	5	9	<.5	31	12	715	5.51	<5	<10	<4	12	15	<.4	<5	<5	81	1.81	.071	41	38	2.32	515	.19	6.58	.05	4.38	4	25	2	8	4	3	9	<1
B 162891	<2	2	<5	8	<.5	22	7	740	5.50	<5	<10	<4	12	13	<.4	<5	5	81	2.01	.061	36	45	2.14	403	.24	7.15	.05	4.56	<4	26	3	8	6	3	9	<1
B 162892	<2	3	5	7	<.5	18	5	458	6.10	5	<10	<4	13	14	<.4	<5	5	64	1.01	.060	42	37	1.41	582	.18	6.09	.04	4.15	4	25	4	6	5	3	7	<1
RE B 162892	<2	3	<5	5	<.5	18	6	449	6.19	<5	<10	<4	12	14	<.4	<5	<5	65	1.00	.060	40	35	1.41	582	.19	6.08	.04	4.15	5	26	3	6	5	3	7	<1
RRE B 162892	<2	3	<5	7	<.5	18	6	420	6.17	<5	<10	<4	12	14	<.4	<5	<5	64	.92	.060	40	35	1.36	649	.19	6.08	.04	4.16	4	27	3	6	5	3	7	1
B 162893	<2	31	5	9	<.5	24	7	818	4.17	<5	<10	<4	12	21	<.4	<5	7	68	1.88	.060	41	38	2.13	889	.18	6.30	.07	6.47	5	30	2	8	5	1	7	<1
B 162894	<2	33	<5	10	<.5	25	6	907	4.08	<5	<10	<4	13	22	<.4	<5	5	68	2.09	.064	51	35	2.17	909	.19	6.29	.07	6.78	6	31	<2	8	6	1	7	5
B 162895	<2	11	6	11	<.5	27	6	876	4.59	<5	<10	<4	12	28	<.4	<5	<5	66	1.91	.058	40	40	2.34	1391	.19	6.57	.08	7.12	4	32	2	8	6	1	8	<1
B 162896	<2	5	6	10	.6	27	6	724	4.32	<5	<10	<4	13	24	<.4	<5	<5	63	2.13	.058	43	40	2.53	1052	.19	6.44	.09	7.12	<4	33	3	8	5	1	7	<1
B 162897	<2	3	6	10	<.5	23	6	590	4.11	8	<10	<4	12	24	<.4	6	<5	59	1.77	.058	44	35	2.11	1122	.18	6.34	.08	6.88	6	35	2	9	7	2	7	<1
B 162898	<2	3	<5	8	<.5	15	3	883	3.33	<5	<10	<4	11	21	<.4	<5	<5	47	2.29	.049	33	33	1.91	708	.17	5.81	.08	7.08	<4	31	<2	7	4	1	7	<1
B 162899	<2	4	<5	6	.6	11	3	764	2.64	6	<10	<4	11	27	<.4	6	<5	38	1.63	.046	23	30	1.34	1169	.16	5.43	.07	6.74	7	30	<2	7	5	1	5	<1
B 162900	<2	4	<5	6	1.0	10	3	1009	2.67	<5	<10	<4	10	28	<.4	<5	<5	36	2.28	.044	20	31	1.65	1249	.15	5.26	.07	6.46	5	28	<2	9	5	1	5	<1
B 162901	<2	4	<5	10	<.5	20	4	1032	3.47	<5	<10	<4	13	29	<.4	<5	<5	54	2.26	.054	27	36	2.17	1271	.19	5.97	.08	6.86	4	32	3	8	6	1	7	<1
STANDARD CT3/AU-R	24	60	37	152	5.6	38	12	909	4.28	47	20	<4	25	231	21.2	14	25	130	1.54	.102	26	256	.92	1018	.38	7.20	1.77	1.90	28	45	17	14	15	7	8	488

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162902	<2	3	<5	11	.6	24	6	610	3.81	5	<10	<4	14	21	<.4	5	<5	58	1.49	.055	35	32	1.68	893	.16	5.97	.10	6.46	<4	30	2	6	4	1	6	3
B 162903	2	9	5	9	<.5	27	18	834	2.58	<5	<10	<4	14	23	<.4	7	<5	59	1.72	.056	21	26	2.21	999	.14	6.72	.09	7.11	<4	32	2	6	3	<1	6	1
B 162904	<2	11	<5	10	<.5	28	31	795	3.17	<5	<10	<4	12	21	<.4	6	<5	58	1.32	.054	26	29	2.25	1026	.11	6.70	.08	6.76	5	25	2	5	3	1	6	<1
B 162905	<2	16	<5	9	<.5	23	25	938	2.67	<5	14	<4	13	22	<.4	6	<5	50	1.48	.054	25	27	1.99	875	.11	6.52	.08	6.91	6	25	<2	5	3	<1	6	2
B 162906	<2	21	<5	9	<.5	21	23	860	2.41	<5	<10	<4	13	23	<.4	<5	<5	47	1.65	.056	48	28	2.02	926	.13	6.74	.09	7.29	<4	26	<2	6	3	1	6	1
B 162907	<2	7	<5	9	<.5	29	9	375	6.26	<5	<10	<4	15	10	<.4	<5	<5	91	1.06	.067	49	46	2.15	376	.23	7.82	.04	4.33	6	28	3	7	4	3	10	<1
B 162908	<2	2	<5	7	.6	32	11	353	5.68	<5	<10	<4	16	9	<.4	<5	<5	103	1.33	.064	44	56	2.48	365	.25	8.48	.04	4.69	<4	30	2	8	4	3	11	<1
B 162909	<2	730	16	36	.5	70	66	2557	10.12	<5	<10	<4	3	87	<.4	<5	<5	439	4.34	.056	23	27	4.86	405	.85	7.34	.03	4.79	<4	64	<2	25	<2	1	32	1
B 162910	3	1651	33	56	2.2	79	99	1534	15.86	11	<10	<4	5	22	<.4	5	<5	502	2.20	.086	46	32	5.40	105	1.01	7.24	.02	2.24	7	91	3	26	2	1	26	12
B 162911	5	1228	34	44	2.3	68	83	2178	16.47	13	<10	<4	4	25	<.4	8	7	434	4.40	.162	73	29	5.24	120	.73	5.88	.02	2.02	13	72	5	23	4	1	19	12
B 162912	14	766	48	49	2.6	48	81	4959	17.62	20	<10	<4	5	43	<.4	19	5	202	10.40	.339	127	15	5.14	98	.10	1.92	.03	.97	12	21	8	17	7	1	4	43
B 162913	<2	155	24	16	1.2	33	54	1863	5.85	<5	<10	<4	13	29	<.4	9	6	71	4.28	.054	118	32	3.28	317	.18	6.48	.04	6.22	6	70	6	18	5	1	9	2
RE B 162913	<2	158	19	16	1.3	33	53	1855	5.79	8	<10	<4	13	29	<.4	12	7	71	4.24	.053	119	32	3.26	311	.18	6.48	.04	6.19	5	68	5	18	5	1	9	2
RRE B 162913	<2	149	25	15	1.1	33	54	1837	5.75	9	<10	<4	12	29	<.4	11	<5	70	4.19	.052	123	35	3.26	277	.17	6.51	.03	6.21	5	70	5	18	5	1	9	1
B 162914	3	230	21	13	.7	39	64	1998	5.84	6	<10	<4	13	32	<.4	9	6	80	3.55	.064	38	43	2.79	220	.19	6.67	.04	6.01	6	75	5	19	6	1	7	20
B 162915	2	47	12	9	.6	16	18	2158	3.55	<5	<10	<4	12	31	<.4	<5	<5	46	4.25	.044	19	26	2.24	713	.18	4.66	.04	4.71	7	78	3	17	6	1	5	2
B 162916	4	527	19	13	1.1	33	34	1597	5.29	<5	<10	<4	14	34	<.4	<5	5	88	3.28	.077	50	41	2.48	240	.27	6.88	.04	5.93	6	84	6	20	7	2	8	5
B 162917	<2	220	5	7	2.5	12	14	1631	3.51	8	<10	6	18	67	<.4	16	<5	67	5.48	.061	63	34	1.61	639	.31	5.99	.04	7.22	5	78	<2	17	8	1	7	6
B 162918	2	1093	22	15	1.0	28	32	1686	6.05	<5	<10	<4	13	22	<.4	9	<5	93	3.44	.077	79	44	2.45	212	.31	6.57	.04	6.70	7	81	3	19	7	1	8	6
B 162919	2	109	10	9	.6	26	46	1287	3.78	<5	<10	<4	13	21	<.4	5	9	62	2.86	.056	88	31	2.34	1551	.20	6.18	.04	6.37	<4	72	<2	16	6	1	7	5
B 162920	2	87	13	8	.8	27	31	1445	3.73	5	<10	<4	12	23	<.4	<5	10	65	3.22	.064	39	29	2.34	1313	.16	5.74	.03	6.04	5	68	3	15	6	1	6	7
B 162921	3	69	11	9	.7	24	27	2071	4.30	<5	<10	<4	13	22	<.4	<5	<5	74	4.02	.063	56	34	2.73	1041	.17	6.00	.04	6.12	4	66	3	17	6	1	8	3
B 162922	3	45	15	10	.9	37	40	1030	4.59	7	<10	<4	15	18	<.4	15	15	71	1.95	.059	41	40	2.13	1182	.20	6.77	.04	6.59	4	76	4	15	6	1	7	6
B 162923	11	178	12	11	1.2	30	37	1869	4.85	<5	<10	<4	12	19	<.4	<5	11	59	3.21	.057	42	40	2.33	325	.16	5.81	.04	6.02	<4	78	3	17	5	1	7	16
B 162924	3	88	18	8	.8	24	23	3231	4.32	<5	<10	<4	11	23	<.4	<5	<5	60	5.87	.063	40	29	2.96	707	.15	5.09	.04	5.94	5	56	3	18	5	1	7	6
RE B 162924	2	88	14	8	.8	24	23	3241	4.27	6	<10	<4	11	22	<.4	<5	<5	61	5.86	.063	41	30	2.95	373	.15	5.06	.04	5.85	5	56	<2	18	5	1	7	5
RRE B 162924	3	93	18	11	1.4	25	24	3392	4.39	8	<10	<4	13	23	<.4	12	<5	62	6.05	.065	42	41	3.05	423	.16	5.21	.04	4.38	7	58	4	18	6	1	7	5
B 162925	<2	29	20	7	.6	24	18	3313	4.53	<5	<10	<4	10	31	<.4	<5	<5	60	6.70	.047	35	30	3.09	554	.17	4.99	.04	5.98	<4	51	3	18	5	1	7	4
B 162926	<2	274	19	9	<.5	27	23	2658	4.70	<5	<10	<4	10	24	<.4	<5	<5	74	5.70	.052	33	31	3.11	729	.18	5.48	.04	5.50	4	53	3	16	4	1	8	4
B 162927	<2	152	18	7	<.5	19	15	2217	3.69	5	<10	<4	11	21	<.4	<5	<5	58	4.69	.055	30	29	2.58	1119	.15	5.71	.03	6.40	<4	60	3	16	5	1	8	3
B 162928	<2	227	18	14	<.5	28	23	630	4.46	<5	<10	<4	14	16	<.4	5	<5	66	1.44	.077	54	44	1.75	307	.21	7.33	.04	7.30	6	84	4	15	7	1	7	10
B 162929	<2	310	21	10	.6	18	15	1060	3.87	<5	<10	<4	11	19	<.4	<5	<5	58	2.75	.047	39	34	1.97	1197	.17	5.85	.04	6.18	4	64	4	13	4	1	8	5
B 162930	<2	46	19	19	.5	18	14	1046	3.12	7	<10	<4	9	20	<.4	5	<5	43	3.33	.047	14	39	2.10	499	.16	5.47	.04	6.08	8	62	2	13	6	1	7	3
B 162931	<2	25	13	9	<.5	18	11	1301	2.89	8	<10	<4	8	24	<.4	<5	<5	41	3.63	.046	9	32	2.20	338	.18	5.58	.03	6.32	<4	62	2	13	6	1	6	2
B 162932	<2	31	16	17	<.5	20	16	1928	3.18	5	<10	<4	9	25	<.4	6	<5	58	5.09	.061	53	35	3.39	435	.16	5.33	.04	5.03	5	58	5	17	7	1	7	5
STANDARD CT3	24	61	39	155	6.0	39	12	911	4.06	47	17	<4	24	235	21.9	24	21	137	1.55	.101	26	251	.90	1043	.40	7.07	1.81	1.88	28	43	21	14	16	7	8	408

Standard is STANDARD CT3/AU-R. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162933	<2	36	16	15	<.5	16	20	671	2.80	<5	<10	<4	10	24	<.4	14	<5	46	1.87	.065	75	43	1.81	2042	.23	6.41	.05	7.43	7	76	3	15	7	1	7	4
B 162934	<2	19	5	13	.7	13	8	1209	2.67	<5	<10	<4	10	23	<.4	<5	<5	53	3.21	.084	61	34	2.43	1002	.20	5.19	.04	5.63	11	60	2	13	6	1	7	2
B 162935	<2	38	7	12	.8	9	7	2057	2.33	<5	<10	<4	8	34	<.4	8	<5	45	5.15	.046	35	28	2.98	874	.17	4.69	.05	5.02	9	54	2	15	5	1	7	3
B 162936	<2	174	7	9	<.5	9	6	2339	2.58	<5	<10	<4	7	31	<.4	<5	<5	66	4.91	.068	33	25	2.72	1356	.21	5.21	.04	6.27	9	53	2	17	5	1	9	1
B 162937	<2	186	<5	36	3.9	8	6	1792	1.98	<5	<10	<4	8	26	.5	<5	<5	47	4.14	.062	32	27	2.24	1123	.17	4.63	.03	5.67	319	51	2	14	6	1	7	1
RE B 162937	<2	167	5	25	3.5	9	6	1816	2.19	<5	10	<4	9	26	<.4	<5	<5	46	4.13	.060	29	29	2.22	1126	.18	4.62	.04	5.64	193	51	<2	14	4	1	7	2
RRE B 162937	<2	193	7	40	.6	9	6	1836	2.04	<5	<10	<4	9	27	<.4	<5	<5	48	4.19	.060	31	35	2.26	1153	.18	4.76	.04	5.83	335	54	2	14	5	1	8	1
B 162938	<2	232	5	9	<.5	8	9	1991	2.11	<5	<10	<4	9	26	<.4	<5	<5	37	4.04	.053	19	31	2.20	1149	.18	4.94	.04	6.04	23	57	3	15	6	1	7	4
B 162939	<2	194	<5	13	2.1	10	6	2372	2.47	<5	<10	<4	9	36	1.0	7	<5	60	4.47	.065	45	31	2.58	850	.21	5.30	.03	5.40	12	59	2	17	7	2	10	2
STANDARD CT3/AU-R	25	64	43	155	5.4	39	12	873	4.07	53	16	<4	24	229	22.3	23	17	135	1.53	.103	29	251	.90	1008	.39	6.95	1.80	1.88	34	44	18	14	16	7	8	496

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Major General Resources Ltd. PROJECT OLYMPIC File # 97-5679 Page 1

1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: Sean P. Butler

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	AU* ppb
B 162940	<2	32	10	8	<.5	6	10	6636	2.54	<5	<10	<4	2	17	<.4	<5	<5	34	12.61	.057	9	5	6.05	25	.01	.24	.12	.06	<4	6	<2	6	<2	1	<1	2
B 162941	<2	15	6	7	<.5	4	4	5135	2.20	<5	<10	<4	<2	11	<.4	<5	<5	19	9.41	.034	8	4	4.52	20	<.01	.07	.04	.05	<4	5	<2	5	2	<1	<1	<1
B 162942	<2	9	8	14	<.5	4	6	5675	2.29	<5	<10	<4	<2	12	<.4	<5	<5	13	10.47	.026	8	3	4.91	35	<.01	.07	.02	.03	<4	5	<2	5	2	1	<1	<1
B 162943	<2	11	7	27	<.5	4	4	5937	2.38	<5	<10	<4	<2	13	<.4	<5	<5	12	11.01	.021	8	4	5.07	18	<.01	.07	.02	.04	<4	5	<2	5	2	1	<1	<1
B 162944	<2	39	7	10	<.5	4	3	5079	2.18	<5	<10	<4	<2	12	<.4	<5	<5	11	8.90	.015	6	6	4.13	139	<.01	.05	.02	.02	<4	4	<2	5	<2	<1	<1	<1
B 162945	<2	7	7	25	<.5	4	3	4618	1.94	<5	<10	<4	<2	11	<.4	<5	<5	11	8.33	.017	6	4	3.87	16	<.01	.06	.02	.04	<4	4	<2	4	<2	<1	<1	<1
B 162946	<2	11	11	33	<.5	4	4	5521	2.30	<5	<10	<4	<2	13	<.4	5	<5	17	9.55	.013	9	4	4.52	49	<.01	.07	.02	.04	<4	4	<2	5	2	<1	<1	1
B 162947	<2	11	15	40	.5	4	5	5060	2.13	<5	<10	<4	<2	12	<.4	5	<5	14	8.85	.032	6	9	4.09	14	<.01	.06	.02	.02	5	4	<2	5	2	<1	<1	2
B 162948	<2	13	9	12	<.5	4	3	8049	2.98	<5	<10	<4	2	18	<.4	<5	<5	13	15.05	.021	9	2	6.76	61	<.01	.04	.02	.02	<4	6	<2	7	2	1	<1	3
B 162949	<2	5	7	10	<.5	3	5	6304	2.62	<5	<10	<4	<2	15	<.4	<5	<5	10	12.07	.012	8	4	5.58	10	<.01	.04	.02	.03	<4	5	<2	6	<2	<1	<1	2
B 162950	<2	13	5	8	<.5	3	4	6009	2.31	<5	<10	<4	<2	14	<.4	<5	<5	7	12.01	.013	8	5	5.68	16	<.01	.03	.02	.02	<4	4	<2	5	<2	1	<1	2
RE B 162950	<2	14	6	7	<.5	3	4	6163	2.37	<5	<10	<4	<2	14	<.4	<5	<5	7	12.35	.013	9	4	5.82	11	<.01	.03	.02	.01	<4	4	<2	5	<2	<1	<1	1
RRE B 162950	<2	15	6	8	<.5	3	4	6122	2.37	<5	<10	<4	<2	14	<.4	<5	<5	7	12.24	.012	8	4	5.76	9	<.01	.02	.03	.02	<4	4	<2	5	<2	1	<1	<1
B 162951	<2	11	7	21	<.5	4	5	5659	1.97	<5	<10	<4	<2	12	<.4	<5	<5	14	11.22	.040	9	5	5.42	20	<.01	.04	.02	.02	<4	4	<2	4	2	1	<1	<1
B 162952	<2	11	6	9	<.5	3	3	5326	1.96	<5	<10	<4	<2	11	<.4	<5	<5	10	11.48	.022	8	8	5.59	9	<.01	.03	.02	.02	<4	4	<2	4	<2	<1	<1	<1
B 162953	<2	4	5	13	.5	2	2	2972	1.15	<5	<10	<4	<2	7	<.4	<5	<5	8	6.50	.011	6	3	3.13	7	<.01	.03	.01	.02	<4	2	<2	2	<2	<1	<1	<1
B 162954	<2	10	12	17	<.5	3	6	2473	1.14	<5	<10	<4	<2	8	<.4	<5	<5	8	5.43	.009	5	29	2.56	30	<.01	.07	.03	.04	5	3	<2	2	<2	<1	<1	3
B 162955	2	11	7	11	.8	4	5	3964	1.48	<5	<10	<4	<2	9	<.4	5	<5	13	7.77	.017	8	7	3.77	9	<.01	.04	.02	.03	5	3	<2	3	3	<1	<1	2
B 162956	2	22	15	20	<.5	6	12	3705	1.54	7	<10	<4	<2	10	<.4	5	<5	28	7.07	.018	7	10	3.44	13	<.01	.11	.02	.05	5	4	<2	3	<2	1	<1	5
B 162957	<2	9	9	19	<.5	4	7	5682	2.13	<5	<10	<4	<2	14	<.4	<5	<5	26	11.59	.032	7	4	5.52	9	<.01	.07	.02	.04	<4	4	<2	5	<2	<1	<1	2
B 162958	<2	12	12	19	<.5	3	6	4894	1.84	<5	<10	<4	<2	12	<.4	5	<5	16	9.43	.027	10	5	4.63	13	<.01	.08	.03	.04	4	4	<2	4	2	1	<1	2
B 162959	<2	14	12	13	<.5	3	5	4575	2.00	<5	<10	<4	<2	11	<.4	<5	<5	16	9.33	.020	9	6	4.50	10	<.01	.06	.02	.03	<4	4	<2	5	2	<1	<1	2
B 162960	<2	22	15	23	<.5	3	7	4705	1.85	<5	<10	<4	<2	13	<.4	5	<5	11	9.36	.028	9	7	4.59	10	<.01	.06	.02	.03	5	4	<2	5	2	<1	<1	2
B 162961	<2	18	29	29	<.5	5	11	6555	2.55	<5	<10	<4	<2	14	<.4	<5	<5	38	12.49	.027	9	6	5.89	17	<.01	.37	.02	.24	<4	8	<2	6	<2	1	<1	2
B 162962	<2	10	20	61	<.5	4	8	5696	2.03	5	<10	<4	<2	13	.4	<5	<5	15	11.57	.028	8	4	5.49	9	<.01	.05	.02	.04	5	5	<2	5	2	<1	<1	2
RE B 162962	<2	10	25	60	<.5	4	8	5820	2.06	<5	<10	<4	<2	13	.4	<5	<5	15	11.81	.028	9	5	5.59	8	<.01	.06	.02	.04	4	5	<2	5	2	<1	<1	2
RRE B 162962	<2	8	20	20	<.5	4	8	5695	2.02	<5	<10	<4	2	13	<.4	<5	<5	15	11.54	.029	8	5	5.47	10	<.01	.06	.02	.04	<4	4	<2	5	2	<1	<1	3
B 162963	<2	37	30	25	.5	4	7	4593	1.72	<5	<10	<4	<2	11	<.4	6	<5	13	8.82	.015	8	7	4.31	10	<.01	.05	.02	.03	4	4	<2	4	2	<1	<1	2
B 162964	<2	16	13	11	<.5	4	5	3581	1.38	<5	<10	<4	<2	9	<.4	5	<5	15	7.54	.011	7	11	3.67	10	<.01	.08	.02	.06	<4	4	<2	3	2	<1	<1	1
B 162965	<2	12	15	14	<.5	4	7	5024	1.92	<5	<10	<4	<2	11	<.4	5	<5	24	9.93	.021	10	7	4.83	10	<.01	.10	.02	.06	5	5	<2	4	<2	1	<1	2
B 162966	<2	21	26	34	<.5	4	8	3834	1.61	8	<10	<4	<2	9	<.4	5	<5	24	7.46	.022	8	14	3.52	12	<.01	.12	.02	.07	4	4	<2	3	<2	<1	<1	4
B 162967	<2	8	44	37	<.5	4	5	2917	1.27	5	<10	<4	<2	8	<.4	5	<5	10	6.14	.012	7	9	2.87	30	<.01	.08	.02	.05	6	3	<2	3	<2	<1	<1	3
B 162968	<2	21	33	54	<.5	6	11	4483	1.84	5	<10	<4	<2	12	<.4	<5	<5	27	9.16	.022	8	8	4.48	13	<.01	.16	.02	.10	<4	5	<2	4	<2	1	<1	3
B 162969	<2	14	40	33	<.5	4	9	7168	2.54	<5	<10	<4	<2	18	<.4	<5	<5	38	14.92	.033	13	5	6.84	13	<.01	.19	.03	.12	<4	7	<2	6	<2	1	<1	2
STANDARD CT3/AU-R	25	64	35	157	5.8	39	12	864	4.11	49	14	<4	25	225	21.7	22	17	138	1.55	.100	29	253	.90	991	.38	6.96	1.74	1.86	29	49	18	15	16	4	9	468

ICP - .250 GRAM SAMPLE IS DIGESTED WITH 10ML HCLO4-HNO3-HCL-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL, ZR & MN AND MASSIVE SULFIDE SAMPLES. AS, CR, SB, AU SUBJECT TO LOSS BY VOLATILIZATION DURING HCLO4 FUMING.

- SAMPLE TYPE: CORE AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 29 1997 DATE REPORT MAILED: Oct 7/97 SIGNED BY: C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data f FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 162970	<2	18	7	12	<.5	3	4	5157	1.83	<5	<10	<4	<2	11	<.4	<5	<5	9	9.06	.026	8	10	4.63	12	<.01	.05	.02	.02	<4	3	<2	3	<2	<1	3
B 162971	<2	19	10	11	<.5	3	3	5068	1.89	<5	<10	<4	<2	11	<.4	<5	<5	7	9.24	.021	4	9	4.71	18	<.01	.04	.02	.01	5	3	<2	3	<2	<1	1
B 162972	<2	6	13	16	<.5	2	4	6192	2.13	<5	<10	<4	<2	12	<.4	<5	<5	6	11.03	.017	7	6	5.41	7	<.01	.04	.02	.01	<4	4	<2	3	<2	<1	1
B 162973	<2	13	13	14	<.5	3	5	7436	2.53	<5	<10	<4	<2	15	<.4	<5	<5	9	13.88	.023	9	4	6.55	59	<.01	.07	.03	.03	<4	4	<2	4	<2	<1	<1
B 162974	<2	11	9	12	<.5	3	5	4845	1.89	<5	<10	<4	<2	11	<.4	<5	<5	6	9.38	.023	8	8	4.70	8	<.01	.05	.02	.01	<4	3	<2	4	<2	<1	2
B 162975	<2	5	13	14	<.5	2	4	5942	2.33	<5	<10	<4	<2	14	<.4	<5	<5	8	9.81	.016	6	8	4.80	15	<.01	.09	.02	.03	4	5	<2	5	<2	<1	<1
B 162976	<2	3	10	10	<.5	3	2	6502	3.21	<5	<10	<4	<2	15	<.4	<5	<5	10	12.33	.014	8	5	5.67	8	<.01	.08	.03	.02	<4	2	<2	10	<2	<1	<1
B 162977	<2	2	8	8	<.5	2	2	6701	3.31	<5	<10	<4	<2	15	<.4	<5	<5	9	11.24	.009	8	5	5.09	11	<.01	.08	.02	.03	<4	3	<2	10	<2	<1	<1
B 162978	<2	9	8	8	<.5	2	3	6607	3.24	<5	<10	<4	<2	15	<.4	<5	<5	11	12.90	.012	10	4	5.91	8	<.01	.10	.02	.05	<4	3	<2	10	2	<1	<1
B 162979	<2	6	13	8	.6	2	4	7446	3.08	<5	<10	<4	<2	16	<.4	<5	<5	13	14.48	.025	11	4	6.72	30	<.01	.16	.03	.08	10	4	<2	10	2	<1	1
B 162980	<2	9	17	21	<.5	3	4	7281	3.03	<5	<10	<4	<2	18	<.4	<5	<5	22	14.30	.053	12	4	6.65	12	.01	.22	.03	.11	<4	4	<2	10	<2	<1	1
RE B 162980	<2	9	16	22	<.5	3	4	7220	3.00	<5	<10	<4	<2	18	<.4	<5	<5	22	14.18	.051	13	5	6.60	13	.01	.22	.03	.11	<4	4	<2	10	<2	<1	1
RRE B 162980	<2	8	17	15	<.5	3	4	7188	2.97	<5	<10	<4	<2	18	<.4	<5	<5	22	14.14	.055	13	4	6.58	12	<.01	.22	.03	.11	<4	4	<2	10	<2	<1	<1
B 162981	<2	14	7	11	<.5	<2	2	7555	3.15	<5	<10	<4	<2	23	<.4	<5	<5	23	15.82	.025	9	4	7.33	12	<.01	.16	.03	.08	<4	3	<2	11	<2	<1	<1
B 162982	<2	81	18	17	<.5	4	7	8086	3.86	<5	<10	<4	<2	30	<.4	<5	<5	27	17.64	.023	8	3	8.16	15	.01	.25	.03	.06	<4	4	<2	14	<2	<1	1	2
B 162983	<2	148	64	57	.6	4	11	9172	3.68	6	<10	<4	2	37	<.4	<5	<5	39	17.88	.040	10	3	8.33	20	.01	.36	.03	.12	<4	6	<2	14	<2	<1	1	4
B 162984	<2	83	23	34	.5	5	7	8892	4.02	8	<10	<4	2	35	<.4	<5	<5	82	16.81	.059	12	7	7.60	43	.04	1.37	.04	.79	<4	15	<2	14	<2	<1	2	2
B 162985	<2	13	24	19	<.5	4	6	9863	4.57	<5	15	<4	2	36	<.4	<5	<5	28	18.29	.036	10	3	7.69	16	.01	.30	.03	.15	<4	6	<2	15	<2	<1	2	<1
B 162986	<2	62	12	13	<.5	2	5	7524	3.81	<5	<10	<4	<2	22	<.4	<5	<5	16	18.01	.027	10	2	8.06	9	<.01	.11	.02	.05	<4	3	<2	13	2	<1	2	1
B 162987	<2	6	7	8	<.5	3	4	7181	3.53	5	<10	<4	<2	19	<.4	<5	<5	10	16.71	.020	10	3	7.63	10	<.01	.08	.03	.04	<4	2	<2	12	2	<1	1	1
B 162988	<2	17	8	9	<.5	2	5	5838	2.56	<5	<10	<4	<2	17	<.4	<5	<5	10	10.06	.023	8	4	4.78	24	<.01	.13	.02	.06	<4	6	<2	6	2	<1	<1	1
B 162989	<2	5	10	6	<.5	3	4	6434	2.80	<5	<10	<4	<2	17	<.4	<5	<5	7	10.64	.010	6	5	4.94	43	<.01	.10	.02	.06	<4	5	<2	7	<2	<1	<1	1
B 162990	<2	15	6	7	<.5	3	4	4326	2.05	<5	<10	<4	<2	13	<.4	<5	<5	9	7.77	.013	7	9	3.62	15	<.01	.09	.02	.05	5	4	<2	5	<2	<1	<1	1
B 162991	<2	56	7	19	<.5	4	4	4419	1.92	<5	<10	<4	<2	15	<.4	<5	<5	16	9.10	.018	9	11	4.49	49	<.01	.16	.02	.07	<4	5	<2	5	3	<1	<1	<1
B 162992	2	26	18	16	<.5	5	12	5425	2.32	6	<10	<4	<2	15	<.4	<5	<5	17	10.19	.022	8	12	5.02	22	.01	.19	.02	.07	4	6	<2	6	2	<1	<1	2
RE B 162992	<2	26	15	16	<.5	5	12	5331	2.27	6	<10	<4	<2	15	<.4	<5	<5	17	9.92	.022	7	14	4.91	21	.01	.18	.02	.07	4	6	<2	6	3	<1	<1	2
RRE B 162992	<2	21	18	16	<.5	5	11	5589	2.36	<5	<10	<4	<2	15	<.4	5	<5	17	10.34	.019	10	8	5.06	24	.01	.18	.02	.06	4	6	<2	6	3	<1	<1	3
B 162993	2	25	13	16	.8	5	13	1463	.96	6	<10	<4	<2	6	<.4	<5	6	7	3.21	.011	3	23	1.42	18	<.01	.09	.02	.03	7	2	<2	2	<2	<1	<1	4
B 162994	<2	106	6	14	<.5	4	3	4069	1.90	<5	<10	<4	<2	44	<.4	<5	<5	17	10.47	.018	9	13	4.15	21	<.01	.21	.02	.08	<4	3	<2	11	2	<1	1	1
B 162995	<2	20	15	12	<.5	4	5	5174	2.36	5	<10	<4	<2	26	<.4	5	<5	26	11.20	.026	8	10	5.29	102	.02	.57	.02	.33	5	9	<2	7	<2	<1	1	3
B 162996	<2	10	15	25	<.5	7	6	2813	1.66	<5	<10	<4	2	15	<.4	<5	<5	39	5.26	.020	11	34	2.54	98	.05	1.50	.02	.90	5	17	<2	5	<2	<1	2	2
B 162997	<2	10	9	11	<.5	5	7	4177	2.00	<5	<10	<4	<2	15	<.4	5	<5	9	7.47	.010	6	12	3.40	51	.01	.22	.02	.11	5	5	<2	5	<2	<1	<1	2
B 162998	<2	6	6	10	<.5	6	7	4342	1.99	<5	<10	<4	<2	14	<.4	5	<5	9	8.18	.022	6	16	3.81	17	.01	.17	.02	.09	4	4	<2	4	<2	<1	<1	3
B 162999	<2	6	11	14	<.5	4	4	3381	1.57	<5	<10	<4	<2	12	<.4	5	<5	6	6.11	.012	5	16	2.68	26	<.01	.08	.01	.04	5	3	<2	3	<2	<1	<1	2
B 163000	2	12	12	19	<.5	6	5	1800	1.11	<5	<10	<4	<2	7	<.4	5	<5	5	2.91	.009	3	21	1.18	53	<.01	.12	.01	.06	6	3	<2	2	<2	<1	<1	2
STANDARD CT3/AU-R	25	61	41	157	5.7	38	12	967	4.14	56	27	5	25	221	21.6	23	17	138	1.71	.098	27	252	1.00	980	.38	6.98	1.71	1.84	29	44	19	15	16	4	8	472

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163001	2	13	17	22	<.5	6	4	4156	2.14	<5	<10	<4	2	23	<.4	5	<5	19	8.78	.014	9	24	4.22	71	.02	.60	.03	.34	5	9	<2	5	3	<1	1	3
B 163002	<2	164	26	29	.6	16	11	3047	2.23	7	<10	<4	6	20	<.4	<5	<5	127	5.51	.051	29	46	3.17	350	.17	5.09	.04	3.18	<4	41	2	9	2	1	6	3
B 163003	8	33	32	32	<.5	26	30	1521	2.82	12	<10	<4	10	22	<.4	<5	20	145	2.57	.050	37	57	1.68	449	.23	6.08	.04	3.86	5	54	2	8	5	1	7	6
B 163004	8	13	13	17	<.5	33	35	1977	2.77	6	<10	<4	8	25	<.4	<5	16	148	3.57	.049	37	55	2.26	403	.22	6.15	.04	3.84	5	50	3	9	5	2	7	10
B 163005	7	18	18	13	<.5	27	26	3072	2.47	9	<10	<4	6	21	<.4	<5	7	103	4.93	.040	29	45	2.66	309	.16	4.41	.03	2.73	5	34	2	9	3	1	6	4
B 163006	4	48	8	10	<.5	12	8	3691	2.14	5	<10	<4	3	21	<.4	5	<5	55	6.09	.032	22	42	3.13	208	.12	3.50	.03	2.10	7	28	2	9	3	1	5	2
B 163007	2	23	5	15	<.5	12	7	3287	1.98	<5	<10	<4	5	20	<.4	<5	<5	52	5.59	.033	23	39	3.12	258	.14	4.50	.02	2.67	<4	39	<2	10	3	2	6	2
B 163008	<2	113	6	7	<.5	9	5	3968	2.14	<5	<10	<4	5	61	<.4	<5	<5	46	5.97	.032	27	37	3.16	1723	.14	4.18	.03	2.49	5	31	<2	11	3	1	5	1
B 163009	<2	19	5	7	.6	11	5	3295	1.93	<5	<10	<4	7	24	<.4	<5	<5	65	4.86	.047	34	47	2.78	263	.19	5.49	.03	3.31	5	48	2	11	5	2	6	1
B 163010	2	19	7	10	<.5	11	7	2704	1.70	<5	<10	<4	7	19	<.4	<5	<5	45	4.20	.034	31	35	2.31	271	.14	4.32	.02	2.67	7	49	<2	12	5	1	5	3
B 163011	2	24	15	20	<.5	10	7	3204	1.96	5	<10	<4	<2	22	<.4	6	<5	27	4.72	.018	18	32	1.98	498	.04	1.61	.02	1.04	7	12	<2	8	2	<1	3	2
B 163012	3	26	23	22	.6	12	8	3711	2.13	5	<10	<4	4	16	<.4	<5	<5	60	5.13	.038	27	42	2.56	219	.11	3.50	.02	2.33	5	27	<2	9	2	1	4	2
RE B 163012	3	27	26	21	.5	12	8	3750	2.15	7	<10	<4	5	16	<.4	<5	6	61	5.16	.038	26	38	2.58	221	.12	3.55	.02	2.35	5	28	<2	9	2	1	5	2
RRE B 163012	3	26	25	22	.5	12	8	3775	2.15	<5	<10	<4	3	16	<.4	<5	<5	61	5.19	.038	27	38	2.59	222	.12	3.59	.02	2.37	6	29	<2	9	2	1	5	2
B 163013	<2	51	7	13	<.5	14	8	3859	2.08	<5	<10	<4	5	20	<.4	<5	<5	49	5.40	.032	27	45	2.95	235	.15	4.53	.03	2.86	5	34	<2	10	3	2	5	1
B 163014	2	15	10	16	<.5	14	8	3469	2.03	<5	<10	<4	5	22	<.4	<5	<5	66	5.32	.044	32	45	2.98	259	.17	4.86	.03	3.08	5	40	2	11	5	2	5	2
B 163015	<2	15	14	31	<.5	13	8	2701	1.77	<5	<10	<4	4	20	<.4	<5	<5	58	4.57	.043	27	45	2.71	242	.17	4.90	.03	3.13	<4	41	2	11	5	2	6	1
B 163016	5	21	9	8	<.5	13	10	3296	2.17	6	<10	<4	9	16	<.4	<5	<5	46	4.81	.051	28	35	2.63	286	.15	5.13	.03	3.51	5	53	2	15	7	2	5	2
B 163017	<2	5	<5	7	<.5	5	<2	1225	.99	<5	<10	<4	19	10	<.4	<5	<5	12	1.96	.021	84	7	1.22	543	.09	5.56	.03	5.20	4	80	2	17	11	1	3	<1
B 163018	<2	12	7	8	<.5	6	2	888	.98	<5	<10	<4	24	11	<.4	<5	<5	7	1.34	.019	77	<4	1.26	433	.10	6.99	.03	5.41	<4	105	2	21	13	1	4	1
B 163019	<2	59	33	44	.6	8	7	3235	1.92	<5	<10	<4	3	23	<.4	<5	<5	31	4.56	.034	16	32	2.11	245	.06	2.21	.01	1.54	6	20	<2	8	2	<1	3	1
B 163020	2	22	52	71	.7	16	12	2756	2.31	6	<10	<4	6	23	.4	<5	<5	84	3.33	.047	42	52	1.91	844	.19	5.52	.03	3.87	5	38	2	11	5	1	7	4
B 163021	2	17	19	70	<.5	8	6	5680	3.20	<5	<10	<4	4	19	<.4	<5	<5	50	6.74	.030	33	35	3.03	255	.10	3.08	.03	2.27	<4	21	<2	15	2	<1	5	2
B 163022	<2	15	28	46	<.5	14	13	5102	3.49	<5	<10	<4	5	20	<.4	<5	<5	54	6.36	.039	17	34	3.13	293	.11	3.29	.02	2.38	<4	24	<2	14	2	<1	5	2
B 163023	2	21	26	36	<.5	17	20	2036	2.13	<5	<10	<4	7	19	<.4	<5	<5	92	2.66	.061	44	54	1.72	505	.21	5.85	.02	4.08	<4	42	<2	11	4	1	7	4
B 163024	3	33	19	25	<.5	14	12	4741	3.16	6	<10	<4	4	18	<.4	6	<5	60	5.33	.060	23	41	2.74	314	.13	3.84	.02	2.68	5	37	2	10	4	1	5	3
RE B 163024	3	32	18	22	.5	13	11	4525	3.01	<5	<10	<4	5	17	<.4	<5	6	57	5.12	.056	21	37	2.62	340	.13	3.67	.02	2.55	<4	28	<2	10	2	1	5	1
RRE B 163024	3	35	22	29	.7	14	12	4660	3.11	11	<10	<4	5	18	<.4	6	<5	59	5.26	.058	23	38	2.71	309	.13	3.79	.02	2.64	4	31	<2	10	3	1	5	2
B 163025	4	10	22	15	<.5	7	9	6292	2.77	5	<10	<4	3	16	<.4	6	<5	22	7.62	.037	13	21	3.43	174	.05	1.30	.02	1.20	4	14	<2	10	2	<1	3	2
B 163026	3	38	26	20	.5	20	10	2566	3.96	7	<10	<4	5	16	<.4	5	<5	64	3.55	.049	36	38	2.61	246	.14	3.83	.02	1.91	6	32	<2	9	4	<1	5	1
B 163027	<2	54	12	18	.5	26	6	1361	4.36	<5	<10	<4	8	12	<.4	<5	<5	81	1.55	.050	35	50	2.17	295	.19	5.21	.02	2.55	6	42	<2	7	5	1	6	<1
B 163028	2	26	13	13	<.5	7	6	6273	2.15	<5	<10	<4	2	13	<.4	9	<5	11	7.10	.014	11	18	3.17	34	.01	.41	.02	.24	6	7	<2	5	2	<1	<1	1
B 163029	<2	12	<5	5	<.5	4	2	3608	1.56	<5	<10	<4	<2	12	<.4	5	<5	9	4.73	.008	6	24	1.94	27	.01	.37	.02	.21	6	5	<2	4	2	<1	<1	1
B 163030	<2	20	12	103	.5	9	21	3406	1.96	<5	<10	<4	<2	10	.4	<5	<5	14	4.68	.012	5	12	2.22	26	.02	.63	.01	.26	9	7	<2	4	2	<1	<1	1
B 163031	7	36	36	124	<.5	13	9	2844	2.51	<5	<10	<4	<2	14	<.4	5	<5	24	4.49	.011	8	14	2.22	86	.02	.80	.01	.18	8	10	<2	6	<2	<1	1	1
STANDARD CT3/AU-R	25	62	43	161	5.7	38	12	873	3.94	54	<10	<4	24	223	21.6	23	19	137	1.51	.100	28	252	.91	989	.39	7.44	1.74	1.87	29	47	19	15	16	4	9	480

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163032	2	69	115	257	<.5	20	9	5463	4.34	<5	<10	<4	4	32	.6	7	<5	35	8.55	.032	13	13	4.73	40	.05	1.58	.02	.32	5	15	<2	8	2	<1	2	5
B 163033	3	81	42	69	<.5	5	5	7492	3.27	<5	<10	<4	3	38	<.4	6	<5	18	14.50	.031	19	7	6.78	82	.04	1.08	.03	.84	<4	12	<2	12	3	<1	2	4
B 163034	<2	102	86	595	.6	29	20	2905	3.75	5	<10	<4	5	18	1.2	<5	<5	78	4.23	.044	43	44	3.19	252	.16	4.39	.02	2.47	6	38	<2	9	4	<1	5	4
B 163035	5	115	48	106	<.5	22	26	4392	2.78	34	<10	<4	6	19	<.4	5	7	92	5.93	.058	30	42	3.16	356	.14	3.96	.03	3.18	6	34	<2	9	4	<1	5	8
B 163036	2	411	45	62	.6	16	16	5243	2.77	16	<10	<4	4	18	<.4	<5	<5	71	6.76	.053	24	34	3.43	373	.10	3.26	.03	2.70	6	25	<2	10	3	<1	6	9
B 163037	5	42	9	8	<.5	21	25	4657	2.57	12	<10	<4	4	17	<.4	5	7	90	6.75	.062	25	37	3.42	385	.12	3.30	.03	2.76	5	30	<2	10	3	<1	4	8
B 163038	<2	28	8	5	<.5	16	21	4989	2.18	15	<10	<4	3	25	<.4	6	<5	41	8.49	.048	16	22	4.20	241	.08	2.12	.02	1.95	4	18	<2	7	2	<1	3	7
B 163039	<2	9	7	6	<.5	5	5	6369	2.12	<5	<10	<4	3	31	<.4	5	<5	22	15.26	.023	14	6	7.11	82	.03	.81	.03	.83	<4	11	<2	7	<2	<1	1	2
B 163040	<2	5	8	6	<.5	4	3	6581	2.38	<5	<10	<4	<2	22	<.4	<5	<5	15	15.86	.017	12	4	7.58	191	.02	.56	.03	.69	<4	6	<2	8	2	<1	1	2
B 163041	<2	14	7	6	<.5	4	6	6139	2.15	<5	<10	<4	<2	27	<.4	<5	<5	18	15.92	.025	10	5	7.69	101	.03	.83	.04	.87	<4	8	<2	8	3	<1	1	3
B 163042	<2	8	<5	6	<.5	3	3	5727	1.81	<5	<10	<4	<2	22	<.4	<5	<5	11	15.17	.016	9	4	7.22	68	.01	.37	.03	.45	<4	7	<2	6	2	<1	<1	2
B 163043	<2	15	9	7	<.5	5	5	5723	1.89	<5	<10	<4	<2	23	<.4	<5	<5	12	15.14	.025	11	5	7.20	56	.01	.35	.03	.36	<4	6	<2	6	3	<1	<1	2
B 163044	<2	12	7	15	<.5	4	8	6663	2.00	<5	<10	<4	<2	25	<.4	<5	<5	10	18.27	.017	10	3	8.73	66	.01	.34	.03	.40	<4	7	<2	6	2	<1	<1	1
RE B 163044	<2	12	7	13	<.5	4	7	6526	1.95	<5	<10	<4	<2	24	<.4	<5	<5	9	17.82	.017	9	3	8.55	44	.01	.34	.03	.39	<4	8	<2	6	2	<1	<1	2
RRE B 163044	<2	13	6	15	<.5	4	7	6515	1.94	<5	<10	<4	2	24	<.4	<5	<5	9	17.74	.017	8	3	8.51	30	.01	.33	.03	.38	<4	6	<2	6	2	<1	<1	2
B 163045	<2	19	7	5	<.5	4	6	4902	1.84	<5	<10	<4	<2	17	<.4	<5	<5	7	11.90	.016	6	5	5.82	22	.01	.24	.02	.22	<4	5	<2	6	<2	<1	<1	3
B 163046	<2	13	12	11	<.5	4	7	7081	2.13	<5	<10	<4	<2	33	<.4	<5	<5	6	17.07	.012	7	4	7.84	15	.01	.17	.03	.15	<4	5	<2	6	<2	<1	<1	2
B 163047	<2	19	<5	4	<.5	4	4	2970	1.18	<5	<10	<4	<2	12	<.4	6	<5	2	6.34	.009	6	9	3.00	29	<.01	.11	.01	.13	5	3	<2	3	<2	<1	<1	2
B 163048	<2	15	<5	5	<.5	3	2	3876	1.47	<5	<10	<4	<2	14	<.4	6	<5	2	8.46	.010	6	5	4.14	14	<.01	.05	.01	.04	4	4	<2	4	<2	<1	<1	<1
B 163049	<2	10	10	36	<.5	4	<2	4178	1.53	<5	<10	<4	<2	14	<.4	10	<5	2	8.44	.010	6	7	4.09	10	<.01	.04	.02	.03	4	4	<2	4	<2	<1	<1	1
B 163050	<2	7	<5	5	<.5	2	<2	4670	1.87	<5	<10	<4	<2	15	<.4	6	<5	3	8.37	.009	6	6	3.93	10	<.01	.05	.01	.04	4	4	<2	6	<2	<1	<1	2
B 163051	<2	4	<5	5	<.5	4	<2	4023	1.56	<5	<10	<4	<2	16	<.4	9	<5	2	8.44	.008	6	6	4.10	14	<.01	.07	.02	.04	4	3	<2	4	<2	<1	<1	<1
B 163052	<2	5	<5	4	<.5	3	<2	4360	1.47	<5	<10	<4	<2	15	<.4	7	<5	2	8.99	.009	6	5	4.43	12	<.01	.04	.02	.01	4	4	<2	5	<2	<1	<1	<1
B 163053	<2	3	<5	3	<.5	3	<2	3485	1.32	<5	<10	<4	<2	14	<.4	8	<5	2	7.85	.008	5	6	3.79	10	<.01	.05	.01	.03	<4	3	<2	4	<2	<1	<1	1
B 163054	<2	3	<5	5	<.5	3	<2	6114	1.94	<5	<10	<4	<2	17	<.4	<5	<5	4	12.48	.015	7	4	5.93	19	<.01	.16	.02	.21	4	6	<2	6	<2	<1	<1	<1
B 163055	<2	2	<5	7	<.5	4	2	6076	1.71	<5	<10	<4	<2	17	<.4	<5	<5	4	13.64	.017	7	4	6.49	21	<.01	.21	.02	.27	<4	6	<2	5	<2	<1	<1	1
B 163056	<2	4	7	9	<.5	2	2	4774	1.60	<5	<10	<4	<2	15	<.4	7	<5	2	9.53	.014	6	6	4.66	12	<.01	.06	.02	.06	<4	5	<2	4	<2	<1	<1	<1
RE B 163056	<2	4	7	9	<.5	2	2	4780	1.58	<5	<10	<4	<2	15	<.4	7	<5	2	9.48	.014	7	6	4.64	12	<.01	.06	.02	.05	4	4	<2	4	<2	<1	<1	1
RRE B 163056	<2	6	6	7	<.5	3	<2	4565	1.53	<5	<10	<4	<2	14	<.4	7	<5	2	9.16	.013	7	9	4.46	12	<.01	.06	.02	.06	4	4	<2	4	<2	<1	<1	1
B 163057	<2	5	5	14	<.5	3	3	3213	1.29	<5	<10	<4	<2	13	<.4	8	<5	2	6.84	.011	6	8	3.19	13	<.01	.03	.02	.03	4	4	<2	3	<2	<1	<1	<1
B 163058	<2	4	5	4	<.5	4	2	5848	1.70	<5	<10	<4	<2	13	<.4	6	<5	3	11.71	.011	7	5	5.62	27	<.01	.11	.02	.11	4	6	<2	5	<2	<1	<1	<1
B 163059	<2	7	7	9	<.5	3	4	7087	1.94	<5	<10	<4	<2	14	<.4	5	<5	4	13.03	.013	7	4	6.07	13	<.01	.12	.02	.14	<4	6	<2	5	<2	<1	<1	1
B 163060	<2	7	5	8	<.5	3	4	8013	2.31	<5	<10	<4	<2	14	<.4	5	<5	4	12.65	.015	6	4	5.77	17	<.01	.15	.02	.17	<4	7	<2	6	<2	<1	<1	1
B 163061	<2	6	<5	5	<.5	4	6	6647	1.84	<5	<10	<4	<2	13	<.4	7	<5	5	9.91	.012	7	7	4.71	15	<.01	.10	.02	.09	<4	6	<2	4	<2	<1	<1	1
B 163062	<2	9	6	4	<.5	3	2	6377	1.76	<5	<10	<4	<2	13	<.4	7	<5	7	10.11	.016	7	7	4.84	17	<.01	.15	.02	.18	4	6	<2	4	<2	<1	<1	1
STANDARD CT3/AU-R	25	62	38	153	5.5	37	12	849	4.06	51	14	<4	25	221	21.4	19	18	133	1.52	.098	28	250	.90	963	.38	7.10	1.70	1.82	30	51	19	16	17	4	9	481

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163063	<2	9	<5	3	.5	5	2	5220	1.78	<5	<10	<4	<2	11	<.4	8	<5	4	8.58	.013	8	9	4.12	12	<.01	.05	.02	.05	4	4	<2	4	<2	<1	<1	1
B 163064	<2	9	5	7	.6	4	2	5448	1.93	<5	<10	<4	<2	13	<.4	7	<5	4	8.59	.010	6	18	4.06	23	<.01	.08	.02	.08	5	4	<2	4	<2	<1	<1	<1
B 163065	<2	18	7	10	<.5	5	4	6813	1.98	<5	<10	<4	2	31	<.4	7	<5	8	10.66	.011	6	7	5.11	636	.01	.19	.02	.18	4	6	<2	5	2	<1	<1	1
B 163066	<2	4	9	8	.5	5	2	9703	2.75	<5	<10	<4	2	25	<.4	<5	<5	21	16.25	.023	11	7	7.28	44	.02	.49	.03	.53	<4	8	<2	8	<2	1	<1	<1
B 163067	<2	5	<5	9	1.0	6	2	9045	2.59	<5	<10	<4	2	34	<.4	<5	<5	11	14.29	.019	8	8	6.26	35	.01	.28	.02	.18	<4	6	<2	8	2	1	<1	<1
RE B 163067	<2	4	7	11	.6	4	2	9191	2.61	<5	<10	<4	<2	34	<.4	<5	<5	11	14.48	.020	10	5	6.34	29	.01	.28	.02	.17	<4	5	<2	8	2	1	<1	<1
STANDARD CT3/AU-R	24	61	38	156	5.5	38	12	855	4.09	51	16	<4	25	199	21.2	20	21	137	1.53	.098	28	250	.91	968	.39	6.86	1.76	1.84	31	50	18	15	16	4	9	498

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

97-5c

Major General Resources Ltd. PROJECT OLYMPIC File # 97-5917 Page 1

1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: Sean P. Butler

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163068 OLY97-5c	<2	5	6	23	<.5	3	<2	6215	2.33	<5	<10	<4	2	16	<.4	9	<5	6	9.24	.009	7	11	4.48	24	<.01	.15	.05	.08	<4	4	<2	6	<2	<1	<1	<1
B 163069	<2	6	7	11	<.5	2	<2	5563	2.35	<5	<10	<4	<2	11	<.4	9	<5	5	8.12	.012	8	9	3.80	13	<.01	.09	.04	.03	<4	4	<2	6	<2	<1	<1	<1
B 163070	<2	9	<5	21	<.5	2	<2	5469	2.30	<5	<10	<4	<2	10	<.4	8	<5	4	8.10	.009	5	8	3.82	10	<.01	.07	.02	.02	<4	3	<2	6	<2	<1	<1	<1
B 163071	<2	7	<5	9	<.5	3	<2	4836	1.79	<5	<10	<4	<2	11	<.4	8	<5	4	7.65	.008	5	9	3.73	12	<.01	.09	.02	.04	4	3	<2	4	<2	<1	<1	<1
B 163072	<2	26	<5	7	<.5	3	2	4770	1.70	<5	<10	<4	<2	12	<.4	7	<5	4	7.96	.010	5	9	4.04	36	<.01	.09	.02	.03	5	14	<2	4	<2	<1	<1	<1
B 163073	<2	19	12	22	<.5	2	3	6062	2.05	<5	<10	<4	<2	11	<.4	10	<5	5	8.59	.010	6	7	4.35	20	<.01	.09	.01	.02	<4	12	<2	5	<2	<1	<1	<1
B 163074	<2	12	5	10	<.5	3	2	3739	1.39	<5	<10	<4	<2	10	<.4	5	<5	4	5.69	.012	3	15	2.84	13	<.01	.11	.01	.03	6	11	<2	3	<2	<1	<1	<1
B 163075	<2	17	<5	9	<.5	2	3	6778	2.19	<5	<10	<4	<2	20	<.4	7	<5	8	15.93	.017	7	3	7.84	21	.01	.24	.02	.23	<4	6	<2	7	<2	<1	<1	<1
B 163076	<2	6	<5	7	<.5	2	2	6165	2.05	<5	<10	<4	<2	20	<.4	7	<5	15	13.11	.016	7	10	6.53	36	.01	.37	.02	.35	<4	6	<2	7	2	<1	<1	<1
B 163077	<2	25	11	17	<.5	4	6	6673	2.51	<5	<10	<4	<2	21	<.4	7	<5	7	13.34	.015	6	4	6.62	522	<.01	.13	.02	.05	<4	2	<2	8	<2	<1	<1	2
B 163078	<2	5	7	7	<.5	2	2	5213	1.83	<5	<10	<4	<2	15	<.4	10	<5	8	10.64	.008	6	4	5.62	525	<.01	.15	.02	.08	<4	4	<2	5	2	<1	<1	1
RE B 163078	<2	5	6	5	<.5	2	2	5256	1.78	<5	<10	<4	<2	15	<.4	8	6	7	10.39	.008	5	4	5.49	503	<.01	.15	.02	.08	<4	4	<2	5	<2	<1	<1	1
RRE B 163078	<2	4	6	6	<.5	2	3	5334	1.78	<5	<10	<4	<2	15	<.4	7	<5	8	10.46	.008	4	5	5.53	637	<.01	.16	.01	.07	<4	6	<2	5	<2	<1	<1	<1
B 163079	<2	14	<5	6	<.5	3	4	4901	1.89	<5	<10	<4	<2	11	<.4	8	<5	6	7.88	.009	5	8	4.08	24	<.01	.15	.01	.05	5	4	<2	6	<2	<1	<1	1
B 163080	<2	7	<5	8	<.5	4	5	6742	2.25	<5	<10	<4	2	16	<.4	10	<5	8	12.41	.010	7	4	6.33	23	<.01	.17	.02	.06	<4	5	<2	6	<2	<1	<1	<1
B 163081	<2	5	<5	7	<.5	3	2	4341	1.54	<5	<10	<4	<2	16	<.4	9	<5	8	9.44	.014	6	6	4.95	17	<.01	.20	.02	.12	4	5	<2	4	<2	<1	<1	<1
B 163082	<2	10	6	6	<.5	3	2	2963	1.26	<5	<10	<4	<2	12	<.4	7	<5	5	5.62	.009	4	8	2.79	18	<.01	.14	.01	.06	5	2	<2	3	<2	<1	<1	<1
B 163083	<2	6	<5	4	<.5	2	2	4813	1.94	<5	<10	<4	<2	15	<.4	9	<5	9	9.25	.017	7	9	4.68	24	<.01	.20	.02	.17	<4	4	<2	5	<2	<1	<1	<1
B 163084	<2	5	5	5	<.5	3	2	5053	1.80	<5	13	<4	<2	13	<.4	9	<5	7	8.81	.009	4	9	4.53	44	<.01	.14	.02	.08	9	3	<2	5	<2	<1	<1	<1
B 163085	<2	5	5	6	.6	2	<2	6551	2.59	<5	<10	<4	2	18	<.4	9	<5	8	12.40	.011	5	9	6.03	15	<.01	.11	.01	.08	<4	2	<2	7	<2	<1	<1	<1
B 163086	<2	8	6	6	<.5	4	2	3741	1.46	<5	16	<4	<2	10	<.4	8	<5	5	7.02	.007	5	37	3.58	17	<.01	.10	.01	.05	<4	3	<2	4	<2	<1	<1	2
B 163087	<2	7	<5	4	<.5	2	<2	3045	1.33	<5	<10	<4	<2	12	<.4	6	<5	5	4.94	.006	5	22	2.28	15	<.01	.10	.01	.03	6	3	<2	3	<2	<1	<1	1
B 163088	<2	6	<5	5	<.5	3	<2	4135	1.45	<5	<10	<4	<2	11	<.4	7	<5	4	6.07	.006	4	15	2.85	13	<.01	.07	.01	.03	5	2	<2	3	<2	<1	<1	1
B 163089	<2	33	15	11	<.5	3	4	5627	1.91	<5	<10	<4	<2	13	<.4	8	<5	7	8.08	.012	6	6	4.14	12	<.01	.12	.01	.03	6	3	<2	4	<2	<1	<1	1
B 163090	<2	23	44	89	.5	4	4	5196	1.83	<5	<10	<4	<2	16	.6	9	<5	7	7.75	.008	5	9	3.93	13	<.01	.08	.01	.02	4	2	<2	4	<2	<1	<1	2
B 163091	<2	7	5	4	<.5	2	<2	3792	1.36	<5	<10	<4	<2	11	<.4	7	<5	5	5.67	.011	4	9	2.78	12	<.01	.07	.01	.02	7	2	<2	3	<2	<1	<1	1
RE B 163091	<2	8	5	5	<.5	3	<2	3819	1.38	<5	<10	<4	<2	12	<.4	7	<5	5	5.70	.010	4	10	2.79	12	<.01	.07	.01	.01	7	2	<2	3	<2	<1	<1	1
RRE B 163091	<2	7	<5	5	<.5	2	<2	3572	1.30	<5	<10	<4	<2	11	<.4	6	<5	5	5.32	.009	5	8	2.60	12	<.01	.06	.01	.02	6	2	<2	3	<2	<1	<1	1
B 163092	<2	27	6	6	<.5	2	2	4194	1.56	<5	<10	<4	<2	12	<.4	8	<5	4	5.76	.007	3	12	2.83	17	<.01	.06	.01	.02	7	2	<2	3	<2	<1	<1	1
B 163093	<2	17	5	7	.7	4	2	3492	1.49	<5	<10	<4	<2	11	<.4	7	<5	5	5.11	.009	3	19	2.47	20	<.01	.06	.01	.02	7	2	<2	3	<2	<1	<1	1
B 163094	<2	7	<5	8	<.5	2	2	5139	1.88	<5	<10	<4	<2	15	<.4	9	<5	5	7.24	.013	4	12	3.52	445	<.01	.05	.01	.01	6	2	<2	4	<2	<1	<1	1
B 163095	<2	4	5	28	<.5	3	<2	3997	1.74	<5	<10	<4	<2	13	<.4	8	<5	3	6.17	.010	5	19	2.91	21	<.01	.04	.01	.02	6	2	<2	4	<2	<1	<1	<1
B 163096	<2	20	7	4	.5	3	<2	3518	1.51	<5	<10	<4	<2	12	<.4	9	<5	3	6.09	.007	3	24	3.00	38	<.01	.05	.01	.02	6	2	<2	4	<2	<1	<1	1
B 163097	<2	3	<5	5	<.5	3	<2	3275	1.52	<5	<10	<4	<2	13	<.4	7	<5	2	5.46	.008	5	18	2.57	17	<.01	.05	.01	.02	<4	2	<2	4	<2	<1	<1	1
STANDARD CT3/AU-R	25	61	37	158	5.9	39	12	906	4.26	52	22	<4	23	225	22.6	22	21	138	1.58	.104	28	261	.93	998	.39	6.95	1.78	1.80	34	47	19	15	18	5	9	440

ICP - .250 GRAM SAMPLE IS DIGESTED WITH 10ML HCLO4-HNO3-HCL-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL, ZR & MN AND MASSIVE SULFIDE SAMPLES. AS, CR, SB, AU SUBJECT TO LOSS BY VOLATILIZATION DURING HCLO4 FUMING.

- SAMPLE TYPE: CORE AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 6 1997 DATE REPORT MAILED: Oct 16/97 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163098	<2	45	<5	11	<.5	2	2	5388	2.26	<5	<10	<4	<2	18	<.4	<5	<5	6	8.97	.008	5	9	4.36	21	<.01	.11	.02	.06	<4	3	<2	6	<2	<1	<1	2
B 163099	<2	19	6	10	<.5	2	3	9442	3.24	<5	<10	<4	2	27	<.4	<5	<5	13	16.74	.013	7	4	7.55	17	.01	.14	.02	.05	<4	3	<2	10	2	<1	<1	<1
B 163100	<2	7	<5	17	<.5	2	<2	7092	2.90	<5	<10	<4	<2	28	<.4	<5	<5	10	12.02	.010	7	6	5.53	21	<.01	.14	.02	.05	<4	2	<2	9	<2	<1	<1	<1
B 163101	<2	12	9	9	<.5	2	<2	8316	3.34	<5	<10	<4	<2	24	<.4	<5	<5	10	14.45	.008	8	4	6.48	16	<.01	.11	.02	.06	<4	2	<2	12	2	<1	<1	<1
B 163102	<2	10	11	20	<.5	3	<2	6016	2.94	<5	<10	<4	<2	24	<.4	<5	<5	9	9.78	.009	5	6	4.59	16	<.01	.10	.02	.02	<4	<2	<2	12	<2	<1	<1	<1
B 163103	<2	4	9	7	<.5	3	3	6612	2.44	<5	<10	<4	2	31	<.4	<5	<5	7	13.81	.011	6	3	6.34	58	<.01	.11	.02	.09	<4	2	<2	7	<2	<1	<1	8
B 163104	<2	6	15	11	<.5	3	3	9335	3.03	<5	<10	<4	2	34	<.4	<5	<5	12	17.89	.026	10	3	8.07	33	.01	.30	.02	.28	<4	4	<2	8	2	<1	<1	1
B 163105	<2	6	<5	7	<.5	3	<2	5117	1.91	<5	<10	<4	<2	23	<.4	5	<5	4	8.96	.013	6	5	4.23	34	<.01	.11	.01	.08	<4	3	<2	5	<2	<1	<1	<1
B 163106	<2	4	<5	5	<.5	3	2	4644	1.67	<5	<10	<4	<2	15	<.4	<5	<5	4	8.51	.010	4	6	4.21	18	.01	.10	.01	.08	<4	3	<2	4	<2	<1	<1	<1
B 163107	<2	23	9	11	<.5	3	3	7662	2.36	<5	<10	<4	2	28	<.4	<5	<5	10	13.37	.033	7	4	6.30	28	.01	.19	.03	.12	<4	4	<2	6	2	<1	<1	<1
B 163108	<2	12	8	12	<.5	3	3	8523	2.46	<5	<10	<4	2	43	<.4	<5	<5	13	15.43	.036	10	5	6.98	67	.01	.43	.03	.39	<4	6	<2	6	2	<1	<1	<1
B 163109	<2	5	14	14	<.5	4	4	6767	2.25	<5	<10	<4	4	41	<.4	<5	<5	20	16.34	.031	13	5	7.89	131	.03	1.10	.03	1.05	<4	14	<2	7	4	<1	1	<1
B 163110	<2	54	18	13	<.5	7	12	5798	2.28	28	17	<4	4	32	<.4	<5	<5	42	11.82	.080	18	14	5.98	177	.07	2.24	.03	1.78	<4	17	<2	9	2	<1	3	<1
RE B 163110	<2	55	16	12	<.5	6	12	5802	2.28	28	29	<4	4	32	<.4	<5	<5	42	11.81	.079	18	14	5.97	178	.07	2.23	.02	1.79	<4	17	<2	9	2	<1	3	1
RRE B 163110	<2	74	17	14	<.5	7	11	5722	2.28	23	21	<4	3	33	<.4	<5	<5	45	11.75	.071	17	13	5.99	186	.08	2.36	.02	1.87	<4	18	<2	9	2	<1	3	1
B 163111	5	18	20	15	<.5	14	19	4154	2.57	11	20	<4	5	25	<.4	<5	6	82	7.20	.098	29	23	3.95	267	.14	4.02	.02	2.64	4	33	<2	11	3	<1	6	4
B 163112	<2	14	11	15	<.5	8	9	4758	2.16	<5	25	<4	4	25	<.4	<5	<5	65	8.87	.039	23	21	4.96	191	.14	3.85	.03	2.51	<4	30	<2	11	3	<1	6	2
B 163113	<2	40	30	15	<.5	7	11	5548	2.61	5	11	<4	3	34	<.4	<5	<5	39	9.65	.056	19	14	5.00	189	.07	2.27	.02	1.71	<4	18	<2	10	2	<1	4	1
B 163114	<2	35	14	23	<.5	4	4	4995	2.35	<5	<10	<4	2	24	<.4	5	<5	14	9.01	.014	9	9	4.54	29	.03	.35	.01	.16	<4	5	<2	10	2	<1	1	<1
B 163115	<2	32	7	11	<.5	3	4	5319	2.32	<5	<10	<4	<2	20	<.4	<5	<5	6	9.42	.010	5	<6	4.66	12	<.01	.08	.01	.04	<4	2	<2	10	<2	<1	<1	<1
B 163116	<2	20	6	11	<.5	3	2	5233	2.32	<5	<10	<4	<2	17	<.4	<5	<5	6	10.76	.010	7	4	5.46	11	<.01	.08	.01	.03	<4	<2	<2	12	<2	<1	<1	<1
B 163117	<2	19	6	10	<.5	2	3	6440	2.51	<5	<10	<4	<2	24	<.4	<5	<5	9	11.31	.013	8	5	5.50	18	<.01	.13	.02	.03	<4	<2	<2	11	<2	<1	<1	<1
B 163118	<2	6	13	12	<.5	3	2	7858	2.79	<5	<10	<4	2	21	<.4	<5	<5	11	11.60	.016	6	4	5.41	13	<.01	.18	.01	.07	<4	4	<2	9	<2	<1	<1	<1
B 163119	<2	111	20	13	.5	3	6	10851	4.56	<5	<10	<4	2	33	<.4	<5	<5	19	16.66	.018	8	3	7.37	20	.01	.36	.02	.10	<4	4	<2	18	2	<1	1	1
B 163120	<2	13	10	10	<.5	3	4	5384	2.20	<5	<10	<4	<2	17	<.4	5	5	9	9.78	.021	7	6	4.72	33	.01	.37	.02	.31	<4	4	<2	7	<2	<1	<1	<1
B 163121	<2	13	25	70	.5	3	4	8708	2.86	<5	<10	<4	3	37	<.4	<5	<5	11	18.02	.026	10	4	8.25	58	.02	.67	.02	.53	<4	6	<2	9	2	<1	<1	<1
B 163122	<2	7	10	13	<.5	3	3	8709	3.59	<5	<10	<4	2	25	<.4	<5	<5	13	16.82	.021	9	3	7.43	33	.01	.39	.02	.35	<4	4	<2	11	2	<1	<1	2
B 163123	<2	22	11	14	<.5	3	3	4978	2.16	<5	<10	<4	<2	13	<.4	5	<5	6	8.32	.013	5	6	3.95	14	<.01	.13	.01	.05	<4	3	<2	6	<2	<1	<1	1
B 163124	<2	4	7	9	<.5	2	<2	4465	2.07	<5	<10	<4	<2	11	<.4	<5	<5	6	7.57	.006	5	7	3.52	14	<.01	.08	.01	.01	<4	3	<2	6	<2	<1	<1	<1
RE B 163124	<2	2	8	9	<.5	2	<2	4383	2.05	<5	<10	<4	<2	11	<.4	5	<5	5	7.50	.007	6	6	3.47	14	<.01	.08	.01	.02	<4	3	<2	6	<2	<1	<1	<1
RRE B 163124	<2	4	9	9	<.5	3	<2	4511	2.11	<5	<10	<4	<2	12	<.4	<5	<5	6	7.62	.007	4	7	3.55	15	<.01	.08	.01	.02	<4	3	<2	6	<2	<1	<1	<1
B 163125	<2	3	17	18	<.5	3	3	8053	2.91	<5	<10	<4	2	19	<.4	<5	<5	16	13.18	.007	7	5	6.13	15	<.01	.18	.01	.10	<4	3	<2	8	2	<1	<1	1
B 163126	<2	16	13	23	<.5	4	5	7319	3.32	<5	<10	<4	<2	26	<.4	<5	<5	13	13.22	.010	8	5	6.12	14	.01	.24	.01	.07	<4	3	<2	9	2	<1	<1	<1
B 163127	<2	9	5	10	<.5	3	2	6845	2.58	<5	<10	<4	2	16	<.4	<5	<5	11	12.13	.016	7	4	5.81	96	<.01	.17	.01	.10	<4	4	<2	7	<2	<1	<1	<1
B 163128	<2	19	5	13	<.5	4	6	8602	3.30	<5	<10	<4	2	31	<.4	5	<5	12	14.73	.017	7	5	6.64	21	.01	.24	.01	.05	<4	4	<2	10	<2	<1	<1	1
STANDARD CT3/AU-R	25	60	41	158	5.7	39	12	908	4.30	53	38	<4	26	230	21.6	22	17	136	1.62	.103	28	244	.93	997	.39	7.18	1.75	1.79	30	47	20	15	17	4	9	515

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163129	<2	57	11	25	<.5	4	9	9403	3.65	<5	<10	<4	2	49	<.4	<5	<5	20	18.21	.042	9	4	8.51	40	.02	.80	.01	.19	<4	11	<2	13	3	<1	2	2
B 163130	<2	57	10	15	<.5	3	6	9049	2.68	<5	<10	<4	2	34	<.4	<5	<5	15	18.00	.021	9	3	8.55	48	.01	.65	.02	.42	<4	9	<2	10	2	<1	<1	1
B 163131	<2	10	6	15	<.5	2	3	9621	3.09	<5	<10	<4	2	28	<.4	<5	<5	12	17.77	.016	8	2	8.04	36	.01	.48	.02	.41	<4	5	<2	9	2	<1	<1	1
B 163132	<2	15	<5	9	<.5	3	3	5154	1.71	<5	<10	<4	<2	14	<.4	5	<5	6	8.41	.017	5	5	4.14	85	<.01	.13	.01	.04	<4	3	<2	4	<2	<1	<1	<1
B 163133	<2	13	5	8	<.5	2	2	2930	1.10	<5	<10	<4	<2	8	<.4	<5	<5	3	4.76	.007	4	10	2.23	15	<.01	.06	.01	.01	5	2	<2	2	<2	<1	<1	<1
B 163134	<2	28	21	23	<.5	2	2	3949	1.43	<5	<10	<4	<2	22	<.4	5	<5	6	6.21	.008	6	11	2.57	25	<.01	.15	.01	<.01	<4	3	<2	4	<2	<1	<1	1
B 163135	<2	24	13	166	<.5	<2	2	7552	3.34	<5	<10	<4	<2	31	.6	5	<5	11	12.51	.008	7	4	5.08	21	<.01	.10	.01	.01	<4	<2	<2	15	<2	<1	<1	1
B 163136	<2	35	27	47	<.5	3	4	6521	2.47	<5	<10	<4	<2	21	<.4	5	<5	9	10.74	.018	5	7	5.12	16	<.01	.14	.01	.06	<4	2	<2	8	<2	<1	<1	<1
B 163137	<2	34	48	109	<.5	5	7	6013	2.82	<5	<10	<4	<2	37	<.4	<5	<5	12	10.92	.018	7	9	5.06	38	.01	.49	.01	.28	<4	6	<2	7	2	<1	<1	2
B 163138	2	32	32	34	<.5	4	6	5687	2.87	<5	<10	<4	<2	24	<.4	6	8	13	9.43	.018	6	13	4.50	43	.02	.64	.01	.45	<4	6	<2	8	2	<1	1	2
B 163139	<2	22	34	29	<.5	2	3	4970	2.15	<5	<10	<4	<2	27	<.4	5	<5	6	7.67	.012	6	8	3.41	23	<.01	.21	.01	.03	<4	5	<2	6	<2	<1	<1	2
B 163140	<2	22	7	14	<.5	2	<2	5597	2.04	<5	<10	<4	<2	21	<.4	<5	<5	4	8.15	.013	7	5	3.58	37	<.01	.10	.01	.03	<4	3	<2	5	<2	<1	<1	<1
RE B 163140	<2	7	10	7	<.5	2	2	5530	2.01	<5	<10	<4	<2	21	<.4	6	<5	4	8.07	.013	8	7	3.54	37	<.01	.10	.01	.03	<4	3	<2	5	<2	<1	<1	<1
RRE B 163140	<2	7	11	10	<.5	2	2	5620	2.06	<5	<10	<4	<2	21	<.4	6	<5	4	8.07	.013	8	7	3.54	35	<.01	.10	.01	.03	<4	3	<2	5	<2	<1	<1	1
B 163141	<2	6	6	10	<.5	3	<2	3910	1.64	<5	<10	<4	<2	9	<.4	<5	<5	3	5.81	.013	6	10	2.56	17	<.01	.10	.01	.06	4	2	<2	3	<2	<1	<1	<1
B 163142	<2	22	10	15	1.9	4	4	5924	2.01	<5	<10	<4	<2	23	<.4	5	<5	12	9.15	.020	8	16	4.40	105	.01	.47	.01	.36	18	6	<2	5	2	<1	<1	<1
B 163143	<2	18	10	12	<.5	3	4	5874	2.21	<5	<10	<4	2	16	<.4	6	<5	7	8.09	.018	8	8	3.81	26	<.01	.15	.01	.07	<4	3	<2	5	<2	<1	<1	<1
B 163144	<2	12	16	18	<.5	2	3	7277	2.84	<5	<10	<4	2	17	<.4	<5	5	14	10.66	.018	7	6	4.98	26	.01	.45	.01	.30	<4	6	<2	7	2	<1	<1	<1
B 163145	<2	17	99	103	.5	4	3	6006	2.53	<5	<10	<4	<2	24	<.4	5	5	14	9.01	.022	6	7	4.26	50	.01	.60	.01	.38	<4	6	<2	6	2	<1	<1	<1
B 163146	<2	20	18	27	<.5	3	4	7520	2.74	<5	<10	<4	<2	16	<.4	5	<5	6	10.70	.019	8	7	5.25	13	<.01	.09	.02	.03	<4	3	<2	6	<2	<1	<1	1
B 163147	<2	51	12	12	<.5	3	5	9516	3.39	<5	<10	<4	2	24	<.4	<5	<5	9	14.29	.020	7	4	6.68	25	.01	.25	.02	.16	<4	3	<2	10	<2	<1	<1	1
B 163148	<2	79	12	11	.5	2	5	10605	3.68	<5	<10	<4	2	39	<.4	<5	<5	9	15.05	.020	8	4	6.52	21	<.01	.21	.02	.08	<4	3	<2	10	<2	<1	<1	3
B 163149	<2	13	7	13	<.5	4	7	8536	3.51	<5	<10	<4	3	37	<.4	<5	<5	17	14.99	.032	8	6	6.87	77	.01	.94	.02	.82	<4	8	<2	12	3	<1	2	3
B 163150	<2	6	13	16	<.5	2	2	9350	3.54	<5	<10	<4	3	42	<.4	<5	<5	14	15.17	.035	9	4	6.57	46	.01	.55	.02	.40	<4	6	<2	11	2	<1	<1	<1
RE B 163150	<2	6	14	16	<.5	3	2	9390	3.56	<5	<10	<4	2	43	<.4	<5	<5	15	15.23	.035	10	3	6.60	47	.01	.56	.02	.40	<4	7	<2	11	2	<1	<1	<1
RRE B 163150	<2	7	17	25	<.5	3	2	9477	3.59	<5	<10	<4	3	44	<.4	<5	<5	15	15.38	.035	10	4	6.63	47	.01	.56	.02	.39	<4	7	<2	11	2	<1	<1	4
B 163151	<2	14	13	23	<.5	2	2	8525	3.25	<5	<10	<4	3	24	<.4	<5	<5	11	12.81	.024	10	3	5.71	30	.01	.39	.02	.31	<4	4	<2	9	2	<1	<1	<1
B 163152	<2	10	8	11	<.5	2	<2	8802	3.50	<5	<10	<4	<2	23	<.4	<5	<5	9	15.05	.029	7	3	6.69	18	.01	.25	.02	.16	<4	3	<2	10	<2	<1	<1	<1
B 163153	<2	6	11	12	<.5	<2	<2	8724	3.78	<5	<10	<4	3	28	<.4	<5	<5	11	16.30	.023	9	3	7.27	38	.01	.41	.02	.33	<4	5	<2	13	2	<1	<1	1
B 163154	<2	9	7	10	<.5	3	<2	6409	2.77	<5	<10	<4	<2	15	<.4	<5	<5	8	9.80	.011	6	6	4.56	19	<.01	.14	.01	.07	<4	2	<2	8	<2	<1	<1	<1
B 163155	<2	8	6	10	<.5	2	<2	5737	2.42	<5	<10	<4	<2	12	<.4	5	<5	4	8.98	.011	6	5	4.18	10	<.01	.06	.01	.02	<4	3	<2	7	<2	<1	<1	1
B 163156	<2	18	12	22	<.5	3	3	6841	2.82	<5	<10	<4	2	29	<.4	<5	<5	7	10.97	.011	6	4	5.22	18	<.01	.07	.01	.01	<4	<2	<2	10	<2	<1	<1	1
B 163157	<2	9	5	7	<.5	2	<2	7732	3.89	<5	<10	<4	2	19	<.4	<5	<5	9	13.47	.007	8	4	5.80	8	<.01	.06	.01	.02	<4	<2	<2	14	<2	<1	<1	1
B 163158	<2	96	11	11	<.5	3	6	9051	3.33	<5	<10	<4	2	41	<.4	<5	<5	9	14.23	.015	9	4	6.47	594	<.01	.14	.02	.01	<4	2	<2	13	2	<1	<1	1
B 163159	<2	59	9	9	<.5	2	4	8087	3.07	<5	<10	<4	2	21	<.4	<5	<5	8	13.25	.017	8	2	6.27	20	<.01	.12	.02	.01	<4	2	<2	10	<2	<1	<1	1
STANDARD CT3/AU-R	24	61	36	156	5.8	39	12	907	4.20	55	29	<4	26	227	22.2	23	21	134	1.57	.104	29	254	.91	984	.38	7.08	1.75	1.78	31	46	18	15	17	4	9	449

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163160	<2	37	5	8	<.5	2	3	7359	3.05	<5	<10	<4	2	18	<.4	5	5	9	12.42	.011	7	4	5.92	15	<.01	.08	.02	.02	<4	<2	<2	10	<2	<1	<1	3
B 163161	<2	106	30	22	.5	4	9	8826	2.98	5	<10	<4	3	25	<.4	7	<5	10	11.99	.021	7	7	5.85	15	<.01	.13	.01	.01	<4	2	<2	10	2	<1	<1	3
B 163162	<2	62	10	8	<.5	4	8	7598	3.53	<5	<10	<4	2	15	<.4	8	<5	9	10.07	.006	8	6	5.13	12	<.01	.04	.01	<.01	<4	<2	<2	14	<2	<1	<1	1
B 163163	<2	44	6	18	<.5	2	3	8041	4.48	5	<10	<4	<2	18	<.4	5	<5	15	15.10	.005	7	3	6.72	26	<.01	.02	.02	.01	<4	<2	<2	20	2	<1	<1	<1
B 163164	<2	34	6	9	<.5	3	3	6223	3.15	<5	<10	<4	2	13	<.4	7	<5	9	9.61	.006	7	7	4.61	11	<.01	.06	.01	.01	<4	<2	<2	12	2	<1	<1	2
B 163165	<2	99	<5	6	<.5	2	4	9152	4.88	<5	<10	<4	2	18	<.4	7	<5	11	14.45	.005	6	4	6.57	27	<.01	.03	.02	.01	<4	<2	<2	19	2	<1	<1	1
B 163166	<2	84	5	8	<.5	3	8	6828	3.07	<5	<10	<4	2	16	<.4	8	<5	9	9.55	.006	6	7	4.81	16	<.01	.04	.01	.01	<4	<2	<2	13	2	<1	<1	1
B 163167	<2	100	15	14	<.5	3	9	6692	2.48	<5	<10	<4	<2	28	<.4	9	5	7	10.06	.013	8	5	4.96	19	<.01	.08	.01	.01	<4	2	<2	8	<2	<1	<1	<1
B 163168	<2	62	19	21	<.5	3	8	6423	3.16	<5	<10	<4	2	31	<.4	8	8	6	13.00	.006	8	3	6.00	14	<.01	.06	.01	<.01	<4	<2	<2	9	<2	<1	1	3
B 163169	<2	61	13	14	<.5	3	9	6504	3.06	6	<10	<4	2	29	<.4	8	7	7	12.49	.006	9	3	5.78	16	<.01	.07	.02	.01	<4	<2	<2	9	<2	<1	<1	<1
B 163170	<2	68	9	10	<.5	3	8	9312	2.90	<5	<10	<4	2	27	<.4	7	<5	9	15.21	.013	9	2	7.14	15	<.01	.11	.02	.01	<4	2	<2	9	<2	<1	<1	1
RE B 163170	<2	68	8	11	.5	2	8	9415	2.92	<5	<10	<4	2	28	<.4	7	<5	9	15.37	.013	9	2	7.21	15	<.01	.11	.01	.01	<4	2	<2	9	2	<1	<1	1
RRE B 163170	<2	66	10	11	.8	2	8	9321	2.88	<5	<10	<4	2	27	<.4	6	<5	9	15.26	.013	8	3	7.18	15	<.01	.11	.02	.01	<4	2	<2	9	<2	<1	<1	<1
B 163171	<2	48	5	8	.6	2	5	8251	2.92	<5	<10	<4	2	24	<.4	5	<5	9	16.21	.018	9	2	7.72	10	<.01	.12	.02	.01	<4	2	<2	10	2	<1	<1	<1
B 163172	<2	40	7	9	<.5	2	4	6548	2.63	<5	<10	<4	2	17	<.4	7	<5	9	11.80	.014	6	5	5.82	10	<.01	.08	.01	.02	<4	<2	<2	11	<2	<1	<1	1
B 163173	<2	13	<5	5	<.5	2	2	4720	2.15	<5	<10	<4	<2	13	<.4	8	<5	8	8.69	.012	7	6	4.22	10	<.01	.07	.01	.03	<4	<2	<2	8	2	<1	<1	1
B 163174	<2	32	<5	7	<.5	2	4	5369	2.10	<5	<10	<4	<2	14	<.4	6	5	6	8.01	.010	5	9	3.97	13	<.01	.09	.01	.01	4	3	<2	6	<2	<1	<1	1
B 163175	<2	48	5	6	<.5	3	4	3959	1.74	<5	<10	<4	<2	12	<.4	7	<5	5	6.67	.009	6	7	3.30	13	<.01	.06	.01	.01	5	2	<2	5	<2	<1	<1	1
B 163176	<2	30	<5	7	<.5	4	5	4201	1.76	<5	<10	<4	<2	13	<.4	6	<5	4	6.53	.010	5	14	3.23	17	<.01	.07	.01	.01	5	3	<2	5	<2	<1	<1	<1
B 163177	<2	26	<5	8	<.5	3	5	4349	1.94	<5	<10	<4	<2	13	<.4	7	<5	5	7.36	.010	5	9	3.70	18	<.01	.05	.01	.01	5	3	<2	5	<2	<1	<1	<1
B 163178	<2	20	<5	6	<.5	3	4	3172	1.55	<5	<10	<4	<2	9	<.4	6	<5	3	4.91	.006	4	15	2.40	20	<.01	.04	.01	.01	7	2	<2	4	<2	<1	<1	<1
B 163179	<2	35	8	9	<.5	3	3	5917	2.82	<5	<10	<4	<2	14	<.4	7	<5	7	9.41	.007	6	9	4.51	17	<.01	.07	.01	.02	<4	<2	<2	11	<2	<1	<1	1
B 163180	<2	26	5	11	<.5	2	6	8494	3.19	<5	<10	<4	2	21	<.4	8	<5	11	12.63	.013	8	5	5.91	18	.01	.20	.01	.07	<4	3	<2	11	2	<1	<1	<1
B 163181	<2	44	6	13	<.5	4	13	10617	2.78	<5	<10	<4	3	31	<.4	6	<5	24	14.38	.023	9	6	6.85	45	.02	.69	.02	.35	<4	7	<2	10	<2	<1	1	<1
B 163182	<2	62	7	9	<.5	3	7	6146	2.19	<5	<10	<4	2	14	<.4	9	<5	6	8.15	.012	8	7	4.11	20	<.01	.09	.01	.02	4	4	<2	6	<2	<1	<1	1
RE B 163182	<2	63	10	15	<.5	3	7	6210	2.20	<5	<10	<4	<2	14	<.4	7	<5	6	8.19	.012	5	7	4.13	75	<.01	.09	.01	.02	4	3	<2	6	<2	<1	<1	<1
RRE B 163182	<2	57	7	9	<.5	3	7	6266	2.21	<5	<10	<4	2	14	<.4	7	<5	6	8.29	.011	8	8	4.19	20	<.01	.09	.01	.03	4	3	<2	6	<2	<1	<1	<1
B 163183	3	20	21	14	.6	2	3	6784	2.48	<5	<10	<4	2	19	<.4	6	<5	24	11.39	.022	8	12	5.59	69	.02	.77	.01	.68	<4	7	<2	8	<2	<1	1	3
B 163184 ↑	<2	14	15	21	<.5	4	3	4799	1.70	<5	<10	<4	2	14	<.4	7	<5	9	8.29	.017	7	9	4.06	40	.01	.29	.01	.29	<4	5	<2	5	2	<1	<1	1
B 163185	<2	20	<5	9	<.5	2	2	4665	1.73	<5	<10	<4	2	12	<.4	6	<5	10	8.52	.018	6	6	4.31	81	.01	.67	.02	.83	<4	12	<2	6	2	<1	<1	<1
OLY97- B 163186 SC	<2	11	12	16	<.5	<2	3	8631	2.93	<5	<10	<4	3	27	<.4	5	<5	14	15.67	.028	6	4	7.27	38	.01	.37	.02	.29	<4	6	<2	9	2	<1	<1	1
B 163187 ↓	<2	46	9	18	.5	8	11	9275	3.89	5	<10	<4	5	25	<.4	6	<5	26	9.68	.039	9	17	3.72	54	.02	1.64	.01	.88	<4	15	<2	9	<2	<1	3	3
B 163188 97-6	<2	101	15	21	<.5	8	10	7440	3.01	5	<10	<4	4	23	<.4	6	5	19	8.88	.036	7	13	3.60	63	.01	1.27	.01	.65	<4	14	<2	7	3	<1	2	2
B 163189	9	66	35	68	.5	15	38	6532	3.37	24	<10	<4	3	37	<.4	7	7	23	10.67	.039	8	9	3.48	130	.01	.74	.01	.34	<4	8	<2	9	<2	<1	1	23
B 163190	10	80	44	33	.5	18	47	6574	4.43	45	<10	<4	4	33	<.4	8	7	37	11.53	.032	9	10	4.87	60	.01	.92	.01	.48	<4	10	<2	7	<2	<1	1	25
STANDARD CT3	25	62	41	162	5.9	39	13	935	4.32	55	24	<4	27	233	22.9	23	21	138	1.61	.106	29	258	.94	1015	.39	7.28	1.76	1.80	33	49	19	16	16	4	9	461

Standard is STANDARD CT3/AU-R. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163191	2	390	50	75	.5	9	17	5312	2.71	14	<10	<4	5	23	<.4	7	8	53	6.92	.042	11	28	2.94	102	.03	2.41	.04	1.35	5	19	<2	7	<2	<1	3	15
B 163192	2	494	14	21	.5	8	29	6282	2.97	40	<10	<4	5	24	<.4	8	7	41	9.37	.038	9	18	3.90	115	.02	1.62	.02	.94	4	13	<2	9	<2	<1	4	34
B 163193	<2	139	11	16	<.5	5	7	6767	2.43	10	<10	<4	2	21	<.4	7	5	17	9.69	.019	5	7	3.59	160	<.01	.28	.01	.16	4	5	<2	4	2	<1	<1	<1
B 163194	<2	28	48	28	<.5	4	7	4979	2.09	<5	<10	<4	<2	15	<.4	7	6	13	7.11	.011	5	9	2.88	77	<.01	.17	.01	.08	8	3	<2	3	2	<1	<1	1
B 163195	<2	19	11	29	<.5	5	7	3809	1.62	<5	<10	<4	<2	14	<.4	5	<5	10	5.87	.009	4	21	2.11	135	<.01	.23	.01	.12	6	4	<2	3	2	<1	<1	<1
B 163196	2	33	11	18	<.5	4	5	3927	1.66	<5	<10	<4	<2	13	<.4	6	<5	18	6.67	.019	5	12	2.63	107	<.01	.31	.01	.16	7	5	<2	4	2	<1	<1	2
B 163197	<2	147	12	10	<.5	6	9	3427	1.62	<5	<10	<4	<2	11	<.4	5	<5	16	5.71	.015	5	17	2.50	47	<.01	.34	.01	.18	7	5	<2	3	2	<1	<1	3
B 163198	<2	113	33	14	<.5	4	8	5102	1.86	<5	<10	<4	<2	12	<.4	6	<5	12	7.80	.016	5	11	3.62	36	<.01	.40	.01	.24	9	5	<2	3	2	<1	<1	2
B 163199	<2	38	18	24	<.5	4	3	4285	1.67	<5	<10	<4	<2	12	<.4	7	<5	11	6.96	.012	5	10	2.94	73	<.01	.23	.01	.12	6	4	<2	3	2	<1	<1	<1
B 163200	<2	133	<5	7	<.5	3	<2	4287	1.61	<5	<10	<4	<2	10	<.4	6	<5	8	7.42	.010	5	12	3.45	27	<.01	.15	.01	.08	5	3	<2	3	<2	<1	<1	<1
RE B 163200	<2	134	<5	6	<.5	3	<2	4341	1.63	<5	<10	<4	<2	10	<.4	7	<5	7	7.53	.010	5	10	3.50	40	<.01	.15	.01	.08	5	3	<2	3	<2	<1	<1	<1
RRE B 163200	<2	138	<5	8	<.5	3	<2	4293	1.60	<5	<10	<4	<2	10	<.4	8	<5	8	7.43	.010	5	9	3.46	27	<.01	.15	.01	.09	5	3	<2	3	<2	<1	<1	<1
B 163201	<2	78	<5	3	<.5	4	<2	4265	1.59	<5	<10	<4	<2	9	<.4	6	<5	9	7.36	.017	5	11	3.60	16	<.01	.21	.01	.12	5	5	<2	4	<2	<1	<1	<1
B 163202	<2	111	<5	5	<.5	2	<2	3324	1.56	<5	<10	<4	<2	8	<.4	8	<5	7	6.97	.008	4	9	3.33	16	<.01	.08	.01	.04	8	3	<2	4	<2	<1	<1	<1
B 163203	<2	389	8	12	<.5	4	2	1569	.95	<5	<10	<4	<2	7	<.4	5	<5	5	3.32	.006	4	13	1.27	29	<.01	.07	.01	.03	7	2	<2	2	<2	<1	<1	<1
B 163204	<2	214	112	65	.5	4	8	1407	.93	7	<10	<4	<2	7	<.4	5	<5	4	3.41	.009	4	13	1.06	28	<.01	.06	.01	.02	10	2	<2	2	<2	<1	<1	<1
B 163205	<2	444	21	14	<.5	3	2	1895	.98	<5	<10	<4	<2	10	<.4	5	<5	4	4.38	.006	7	12	1.87	29	<.01	.07	.01	.03	7	2	<2	3	<2	<1	<1	<1
B 163206	<2	87	9	7	<.5	3	2	3243	1.33	<5	<10	<4	<2	11	<.4	9	<5	7	7.65	.012	10	14	3.62	35	<.01	.09	.01	.04	8	4	<2	6	<2	<1	<1	<1
B 163207	<2	53	<5	7	<.5	2	<2	6221	1.80	<5	<10	<4	<2	15	<.4	8	<5	7	12.25	.018	8	7	5.96	23	<.01	.07	.02	.03	4	3	<2	6	<2	<1	<1	<1
B 163208	<2	158	<5	8	<.5	2	<2	6473	2.04	<5	<10	<4	<2	15	<.4	8	<5	10	12.69	.015	5	4	6.12	18	<.01	.11	.02	.06	4	3	<2	5	<2	<1	<1	<1
B 163209	<2	13	<5	6	<.5	3	<2	6781	1.81	<5	<10	<4	2	12	<.4	8	<5	15	11.40	.016	4	5	5.64	13	<.01	.17	.01	.10	<4	4	<2	3	2	<1	<1	<1
B 163210	<2	16	18	9	<.5	2	2	6271	1.74	<5	<10	<4	<2	15	<.4	8	<5	15	11.60	.021	6	6	5.74	20	<.01	.27	.01	.14	<4	4	<2	4	2	<1	<1	<1
B 163211	<2	49	15	7	<.5	3	<2	3871	1.28	<5	<10	<4	<2	12	<.4	8	<5	5	8.37	.017	8	8	4.26	13	<.01	.06	.01	.02	6	2	<2	5	<2	<1	<1	<1
B 163212	<2	598	19	9	<.5	2	2	4303	1.42	<5	<10	<4	<2	12	<.4	8	<5	7	9.33	.025	9	10	4.87	12	<.01	.08	.01	.03	4	3	<2	6	<2	<1	<1	<1
RE B 163212	<2	607	18	8	<.5	2	2	4346	1.43	<5	<10	<4	<2	12	<.4	8	<5	7	9.41	.026	8	8	4.91	12	<.01	.08	.01	.04	4	3	<2	6	<2	<1	<1	2
RRE B 163212	<2	603	17	8	.5	2	2	4242	1.41	<5	<10	<4	<2	12	<.4	8	<5	7	9.22	.025	9	7	4.80	11	<.01	.08	.01	.05	4	3	<2	5	<2	<1	<1	1
B 163213	<2	147	12	10	<.5	3	<2	3657	1.26	<5	<10	<4	<2	10	<.4	8	<5	5	8.05	.012	7	9	4.16	12	<.01	.07	.01	.03	6	2	<2	5	<2	<1	<1	<1
B 163214	<2	122	12	8	<.5	2	2	3754	1.53	<5	<10	<4	<2	12	<.4	9	<5	5	9.01	.009	8	10	4.66	11	<.01	.05	.01	.02	6	<2	<2	7	<2	<1	<1	1
B 163215	<2	192	33	14	<.5	3	3	3319	1.48	<5	<10	<4	<2	12	<.4	8	<5	5	8.94	.008	8	7	4.51	18	<.01	.04	.01	.02	5	<2	<2	7	<2	<1	<1	1
B 163216	<2	50	12	15	<.5	2	3	5919	2.26	<5	<10	<4	<2	18	<.4	7	<5	8	16.35	.008	10	3	7.47	47	<.01	.04	.01	.01	<4	<2	<2	15	<2	<1	1	<1
B 163217	<2	65	21	19	<.5	2	3	6094	2.13	<5	<10	<4	2	19	<.4	6	<5	10	13.69	.016	9	3	6.23	67	<.01	.14	.01	.05	<4	2	<2	9	<2	<1	<1	<1
B 163218	<2	58	20	22	<.5	2	5	6879	2.51	<5	<10	<4	<2	25	<.4	6	<5	17	14.66	.018	9	3	6.42	77	<.01	.23	.01	.03	<4	2	<2	11	2	<1	<1	1
B 163219	<2	78	24	35	<.5	2	5	6935	2.49	5	<10	<4	<2	30	<.4	7	<5	14	15.04	.013	14	6	5.89	84	<.01	.18	.01	.02	<4	<2	<2	12	2	<1	<1	<1
B 163220	<2	45	5	25	<.5	2	5	6311	2.63	<5	<10	<4	2	27	<.4	8	<5	19	13.87	.011	14	4	4.75	202	<.01	.32	.01	.02	4	2	<2	13	2	<1	1	<1
B 163221	<2	148	11	23	.6	3	5	5083	1.79	<5	<10	<4	<2	20	<.4	7	<5	15	10.27	.029	7	4	3.02	267	<.01	.33	.01	.06	<4	4	<2	6	2	<1	<1	<1
STANDARD CT3/AU-R	24	59	36	150	5.3	36	12	883	4.10	49	26	<4	26	221	21.4	25	21	129	1.53	.100	28	248	.89	960	.37	6.94	1.70	1.87	29	43	17	14	16	4	8	442
STANDARD G-1	2	5	18	47	<.5	8	5	730	2.57	<5	<10	<4	7	704	<.4	9	<5	54	2.57	.083	28	88	.70	965	.23	8.03	2.38	2.94	<4	7	3	13	16	1	5	<1

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163222	2	385	9	15	<.5	5	4	3919	1.64	6	<10	<4	<2	19	<.4	7	<5	12	7.50	.018	6	7	1.57	211	<.01	.37	.02	.15	5	5	<2	3	2	<1	<1	3
B 163223	<2	185	11	19	<.5	4	4	6023	2.09	6	<10	<4	2	23	<.4	10	<5	20	10.12	.023	7	6	3.34	258	<.01	.53	.02	.18	<4	6	<2	5	2	<1	<1	2
B 163224	<2	301	11	15	<.5	3	2	4422	1.53	<5	<10	<4	2	16	<.4	9	<5	13	7.75	.018	5	7	2.57	153	<.01	.27	.01	.09	4	3	<2	3	<2	<1	<1	1
B 163225	<2	408	<5	6	<.5	2	2	3162	1.09	5	<10	<4	<2	13	<.4	8	<5	8	6.70	.013	8	6	2.15	150	<.01	.14	.01	.07	6	3	<2	4	<2	<1	<1	<1
B 163226	<2	706	66	12	.7	4	3	1962	.81	5	11	<4	<2	8	<.4	6	<5	5	3.53	.007	4	7	1.03	58	<.01	.06	.01	.03	6	2	<2	2	<2	<1	<1	<1
B 163227	<2	524	35	7	<.5	2	2	1153	.61	<5	<10	<4	<2	6	<.4	<5	<5	5	2.80	.006	3	12	.51	44	<.01	.07	.01	.04	8	2	<2	2	<2	<1	<1	<1
B 163228	2	198	9	4	<.5	3	2	1866	.76	<5	<10	<4	<2	9	<.4	5	<5	5	4.05	.007	6	8	.95	50	<.01	.06	.01	.03	6	2	<2	2	<2	<1	<1	1
B 163229	<2	368	15	7	.5	2	2	2959	.85	<5	<10	<4	<2	11	<.4	7	<5	6	5.03	.006	4	11	1.88	26	<.01	.07	.01	.04	7	2	<2	2	<2	<1	<1	<1
B 163230	<2	238	10	9	<.5	3	<2	3590	1.07	<5	<10	<4	<2	13	<.4	7	<5	8	6.64	.016	6	7	1.93	104	<.01	.11	.01	.05	5	2	<2	3	<2	<1	<1	<1
B 163231	<2	101	5	4	<.5	2	<2	3588	1.09	<5	<10	<4	<2	14	<.4	10	<5	5	7.39	.014	6	7	3.27	58	<.01	.10	.02	.05	<4	2	<2	3	<2	<1	<1	<1
B 163232	<2	182	<5	4	.6	3	<2	2711	.80	<5	<10	<4	2	9	<.4	8	<5	4	5.14	.007	5	6	1.59	107	<.01	.06	.01	.03	<4	<2	<2	2	<2	<1	<1	<1
RE B 163232	<2	185	<5	5	<.5	2	<2	2775	.82	<5	<10	<4	<2	9	<.4	7	<5	3	5.20	.007	4	8	1.60	108	<.01	.06	.01	.02	<4	<2	<2	2	<2	<1	<1	<1
RRE B 163232	<2	181	<5	5	<.5	3	<2	2750	.79	<5	<10	<4	<2	9	<.4	7	<5	3	5.10	.007	4	5	1.57	105	<.01	.05	.01	.03	<4	2	<2	2	<2	<1	<1	<1
B 163233	<2	185	6	6	<.5	<2	<2	5074	1.44	<5	<10	<4	<2	14	<.4	9	<5	4	8.81	.016	4	5	3.97	84	<.01	.07	.01	.05	<4	3	<2	3	<2	<1	<1	<1
B 163234	<2	163	5	6	<.5	2	<2	3754	1.12	<5	<10	<4	<2	11	<.4	9	<5	3	7.04	.011	7	9	3.32	23	<.01	.04	.01	.03	5	2	<2	3	<2	<1	<1	<1
B 163235	<2	200	<5	7	<.5	<2	<2	3904	1.14	<5	<10	<4	<2	11	<.4	9	<5	3	7.61	.010	7	7	3.72	30	<.01	.02	.01	.01	5	2	<2	3	<2	<1	<1	<1
B 163236	<2	136	5	8	<.5	2	<2	3660	1.09	<5	<10	<4	<2	10	<.4	9	<5	4	7.53	.010	6	6	3.78	14	<.01	.05	.01	.04	5	2	<2	3	<2	<1	<1	<1
B 163237	<2	126	5	8	<.5	2	<2	3416	1.07	<5	<10	<4	<2	10	<.4	9	<5	2	6.82	.009	6	9	3.14	28	<.01	.02	.01	.01	6	2	<2	3	<2	<1	<1	<1
B 163238	<2	260	11	10	<.5	3	<2	2568	.83	<5	<10	<4	<2	8	<.4	8	<5	3	5.51	.008	7	8	2.36	44	<.01	.07	.01	.04	6	2	<2	2	<2	<1	<1	<1
B 163239	<2	254	10	15	<.5	2	2	4734	1.26	<5	<10	<4	<2	14	<.4	9	<5	12	9.60	.026	10	5	4.86	34	<.01	.16	.01	.08	<4	4	<2	4	<2	<1	<1	<1
B 163240	<2	420	<5	3	<.5	2	<2	3868	1.09	<5	11	<4	<2	12	<.4	10	<5	5	8.08	.017	5	7	4.00	16	<.01	.06	.02	.03	4	2	<2	3	<2	<1	<1	<1
B 163241	<2	80	<5	3	<.5	2	<2	2191	.87	<5	10	<4	<2	9	<.4	7	<5	4	4.69	.007	4	17	1.96	28	<.01	.05	.02	.03	8	2	<2	2	<2	<1	<1	<1
B 163242	<2	161	8	9	<.5	4	<2	3189	1.03	<5	<10	<4	<2	9	<.4	8	<5	4	6.23	.010	5	9	3.07	14	<.01	.05	.02	.02	7	2	<2	2	<2	<1	<1	<1
B 163243	<2	138	12	10	<.5	2	<2	4305	1.26	<5	<10	<4	<2	12	<.4	7	<5	7	8.16	.015	6	8	2.75	166	<.01	.08	.01	.04	5	2	<2	3	<2	<1	<1	<1
B 163244	<2	170	12	11	<.5	3	2	3002	.99	<5	14	<4	<2	9	<.4	<5	<5	4	7.89	.008	5	5	1.11	159	<.01	.06	.01	.04	5	<2	<2	3	<2	<1	<1	<1
B 163245	<2	140	8	8	<.5	2	2	3523	1.17	<5	<10	<4	<2	11	<.4	8	<5	3	6.53	.010	5	9	2.49	78	<.01	.04	.01	.01	7	2	<2	2	<2	<1	<1	<1
B 163246	<2	411	23	22	<.5	4	6	5109	1.47	5	<10	<4	<2	17	<.4	9	<5	10	9.64	.015	8	10	3.36	90	<.01	.18	.01	.07	<4	4	<2	3	<2	<1	<1	<1
RE B 163246	<2	411	23	22	.5	3	6	5025	1.48	<5	11	<4	<2	17	<.4	8	<5	10	9.69	.015	5	5	3.37	91	<.01	.18	.02	.08	<4	4	<2	3	<2	<1	<1	1
RRE B 163246	<2	410	24	22	<.5	4	6	5079	1.48	7	<10	<4	2	16	<.4	9	<5	10	9.71	.016	5	6	3.38	90	<.01	.18	.01	.07	<4	4	<2	3	<2	<1	<1	<1
B 163247	<2	377	18	15	<.5	4	4	2858	1.19	<5	<10	<4	<2	10	<.4	6	<5	5	5.07	.009	4	13	1.83	64	<.01	.08	.01	.04	8	3	<2	2	<2	<1	<1	<1
B 163248	3	212	16	16	<.5	3	2	3547	1.44	<5	<10	<4	<2	15	<.4	<5	<5	8	7.55	.010	6	6	1.07	248	<.01	.12	.01	.06	5	3	<2	3	<2	<1	<1	<1
B 163249	2	241	9	9	<.5	2	2	3592	1.36	<5	<10	<4	<2	18	<.4	5	<5	5	6.32	.008	4	11	1.18	194	<.01	.14	.01	.07	7	3	<2	3	<2	<1	<1	<1
B 163250	<2	197	10	9	<.5	5	<2	3440	1.19	<5	16	<4	<2	13	<.4	5	<5	8	6.26	.010	5	9	2.14	73	<.01	.17	.01	.08	5	5	<2	2	<2	<1	<1	<1
B 163251	<2	96	28	20	<.5	3	2	6138	1.61	<5	<10	<4	<2	20	<.4	7	<5	9	10.21	.013	5	6	4.88	21	<.01	.19	.01	.08	4	4	<2	4	<2	<1	<1	<1
B 163252	<2	356	23	33	.5	3	2	9451	2.59	<5	<10	<4	2	23	<.4	7	<5	17	14.52	.019	8	3	5.87	52	<.01	.49	.02	.23	<4	9	<2	5	2	<1	<1	<1
STANDARD CT3/AU-R	24	59	41	148	5.6	37	11	916	4.14	52	30	<4	25	227	21.4	23	20	133	1.53	.102	27	251	.89	990	.38	7.06	1.77	1.78	28	49	17	15	14	4	9	471
STANDARD G-1	<2	4	17	44	<.5	9	5	741	2.48	<5	<10	<4	6	710	<.4	<5	<5	53	2.59	.084	23	55	.69	968	.23	7.94	2.43	2.70	<4	8	<2	13	14	1	5	<1

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163253	<2	396	50	34	.6	4	9	10737	2.60	<5	<10	<4	5	29	<.4	<5	<5	31	16.89	.021	11	4	7.72	25	.01	.86	.02	.42	<4	13	<2	5	<2	<1	<1	3
B 163254	<2	405	89	56	<.5	5	8	10637	2.47	<5	<10	<4	3	28	<.4	<5	<5	22	17.60	.019	7	4	7.99	17	.01	.45	.02	.22	<4	8	<2	4	<2	<1	<1	1
B 163255	<2	206	12	9	.5	2	2	8897	2.14	7	<10	<4	3	19	<.4	<5	<5	11	15.26	.024	9	2	7.06	14	<.01	.59	.02	.29	<4	10	<2	4	2	<1	<1	1
B 163256	<2	37	7	7	<.5	<2	<2	8642	2.25	<5	<10	<4	2	19	<.4	<5	<5	9	15.03	.019	8	3	6.96	22	<.01	.33	.02	.16	<4	6	<2	4	<2	<1	<1	<1
B 163257	<2	88	10	15	<.5	2	2	6784	1.70	<5	<10	<4	2	19	<.4	<5	<5	8	13.33	.016	8	4	6.56	16	<.01	.50	.01	.24	<4	8	<2	4	<2	<1	<1	<1
B 163258	<2	10	<5	10	<.5	<2	<2	8821	1.92	<5	<10	<4	<2	21	<.4	<5	<5	8	17.13	.023	6	2	7.99	19	<.01	.33	.02	.16	<4	6	<2	4	<2	<1	<1	<1
B 163259	<2	60	6	8	<.5	2	<2	4713	1.40	<5	<10	<4	<2	14	<.4	<5	<5	4	8.84	.013	5	7	4.48	12	<.01	.15	.01	.07	4	3	<2	2	<2	<1	<1	1
B 163260	<2	31	7	14	<.5	2	<2	10241	2.02	<5	<10	<4	2	29	<.4	<5	<5	11	17.48	.021	7	5	7.99	18	.01	.63	.02	.31	<4	8	<2	4	2	<1	<1	<1
B 163261	<2	17	10	15	<.5	2	<2	10956	2.19	<5	<10	<4	2	34	<.4	<5	<5	12	18.03	.029	6	3	8.02	20	.01	.48	.03	.24	<4	6	<2	4	2	<1	<1	<1
B 163262	<2	102	11	20	.5	4	2	11223	2.33	<5	<10	<4	3	21	<.4	<5	<5	12	17.64	.035	7	3	8.13	13	<.01	.41	.02	.21	<4	7	<2	3	2	<1	<1	<1
B 163263	<2	17	20	15	<.5	3	3	10444	2.27	<5	<10	<4	2	23	<.4	<5	<5	11	17.61	.028	7	2	8.20	15	.01	.59	.02	.30	<4	9	<2	4	2	<1	<1	<1
B 163264	<2	55	12	15	<.5	4	4	10178	2.26	<5	<10	<4	2	23	<.4	<5	<5	12	18.09	.036	7	2	8.42	18	.01	.63	.03	.33	<4	10	<2	4	2	<1	<1	<1
RE B 163264	<2	57	11	16	<.5	4	4	10401	2.31	5	<10	<4	2	23	<.4	<5	<5	13	18.51	.038	7	3	8.59	17	.01	.65	.03	.34	<4	11	<2	4	2	<1	<1	1
RRE B 163264	<2	56	73	15	<.5	3	4	10184	2.27	<5	<10	<4	2	23	<.4	<5	<5	13	18.15	.037	6	2	8.43	53	.01	.64	.02	.33	<4	11	<2	4	2	<1	<1	<1
B 163265	<2	161	5	9	<.5	2	<2	12880	2.77	<5	<10	<4	3	21	<.4	<5	<5	9	18.87	.017	8	2	8.45	11	.01	.33	.03	.18	<4	6	<2	4	2	<1	<1	<1
B 163266	<2	10	9	9	<.5	3	2	6470	1.71	<5	<10	<4	<2	12	<.4	<5	<5	4	10.52	.014	6	8	5.39	10	<.01	.13	.02	.06	<4	3	<2	2	<2	<1	<1	<1
B 163267	<2	8	7	8	<.5	2	2	3986	1.23	<5	<10	<4	<2	9	<.4	5	<5	2	7.71	.007	5	9	3.94	7	<.01	.05	.02	.03	6	2	<2	2	<2	<1	<1	<1
B 163268	<2	45	52	20	.6	7	8	7850	2.60	<5	<10	<4	9	14	<.4	<5	<5	23	12.38	.038	9	7	6.10	38	.01	2.45	.02	1.31	<4	37	<2	7	2	<1	<1	1
B 163269	<2	12	5	7	<.5	4	4	6297	1.86	<5	<10	<4	2	12	<.4	<5	<5	7	11.30	.019	7	6	5.69	10	<.01	.37	.01	.20	<4	7	<2	4	<2	<1	<1	<1
B 163270	<2	25	11	9	<.5	4	5	9729	2.32	<5	<10	<4	3	16	<.4	<5	<5	12	16.11	.021	8	3	7.54	11	<.01	.62	.02	.33	<4	10	<2	4	2	<1	<1	<1
B 163271	<2	64	8	7	<.5	3	4	6213	1.65	5	<10	<4	2	12	<.4	<5	<5	7	11.27	.021	7	7	5.76	12	<.01	.32	.02	.17	4	5	<2	3	<2	<1	<1	<1
B 163272	2	21	14	7	<.5	4	7	4654	1.44	5	<10	<4	<2	11	<.4	<5	<5	6	9.25	.019	6	6	4.82	25	<.01	.15	.02	.07	<4	4	<2	3	<2	<1	<1	2
B 163273	<2	24	8	8	<.5	3	3	9005	2.21	<5	<10	<4	3	17	<.4	<5	<5	8	16.22	.026	7	2	7.59	16	.01	.69	.02	.38	<4	11	<2	5	<2	<1	<1	<1
B 163274	<2	944	<5	12	<.5	3	5	9540	2.33	<5	<10	<4	<2	20	<.4	<5	<5	10	17.98	.023	7	5	8.40	11	.01	.49	.02	.28	<4	7	<2	5	<2	<1	<1	<1
B 163275	<2	81	7	13	<.5	4	7	9758	2.36	<5	<10	<4	3	18	<.4	<5	<5	12	17.20	.037	6	3	8.02	15	.01	.65	.02	.37	<4	10	<2	4	2	<1	<1	<1
B 163276	<2	45	10	10	<.5	3	3	9321	2.11	<5	<10	<4	<2	17	<.4	<5	<5	8	16.61	.027	8	3	7.77	10	<.01	.38	.03	.20	<4	7	<2	4	<2	<1	<1	<1
B 163277	<2	27	7	10	<.5	3	3	6984	1.71	<5	<10	<4	2	25	<.4	<5	<5	6	12.37	.021	8	7	6.11	11	<.01	.30	.02	.16	<4	6	<2	4	<2	<1	<1	<1
B 163278	<2	13	6	7	<.5	2	4	4278	1.32	<5	13	<4	<2	10	<.4	5	<5	3	7.61	.009	7	8	3.80	10	<.01	.11	.01	.06	<4	3	<2	2	<2	<1	<1	<1
RE B 163278	<2	14	5	7	<.5	3	4	4191	1.30	<5	<10	<4	<2	9	<.4	5	<5	2	7.53	.009	6	7	3.77	10	<.01	.11	.02	.06	4	2	<2	2	<2	<1	<1	<1
RRE B 163278	<2	14	<5	6	<.5	3	3	4155	1.29	<5	<10	<4	<2	9	<.4	5	<5	2	7.47	.009	6	6	3.73	10	<.01	.11	.01	.05	<4	2	<2	2	<2	<1	<1	<1
B 163279	<2	5	5	8	<.5	2	2	7634	2.06	<5	<10	<4	2	16	<.4	<5	<5	6	13.31	.019	6	4	6.39	15	<.01	.43	.02	.23	<4	8	<2	4	<2	<1	<1	<1
B 163280	<2	8	6	8	<.5	4	3	6755	1.81	<5	<10	<4	2	14	<.4	<5	<5	4	11.47	.018	7	5	5.69	11	<.01	.20	.02	.11	<4	4	<2	3	<2	<1	<1	<1
B 163281	<2	17	10	10	<.5	5	4	8273	2.09	5	<10	<4	2	22	<.4	<5	<5	16	17.69	.044	7	12	8.30	22	.01	.82	.02	.46	<4	9	<2	4	3	<1	1	3
B 163282	<2	80	8	10	<.5	5	5	9624	2.35	6	<10	<4	2	21	<.4	<5	<5	15	16.92	.071	8	7	7.72	17	.01	.58	.03	.33	<4	8	<2	4	2	<1	<1	1
B 163283	<2	84	10	12	<.5	5	6	7805	2.03	5	<10	<4	3	20	<.4	<5	<5	12	14.57	.048	7	7	6.88	17	.01	.58	.02	.33	<4	7	<2	4	2	<1	<1	1
STANDARD CT3	24	60	35	153	5.2	38	12	909	4.16	49	28	<4	25	225	21.5	21	15	132	1.58	.102	28	251	.91	980	.38	6.99	1.70	1.76	30	46	17	15	16	4	9	463

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163284	<2	24	10	10	<.5	5	8	8710	2.19	<5	<10	<4	2	20	<.4	5	<5	13	16.71	.033	9	6	7.72	17	.01	.44	.03	.25	<4	5	<2	5	2	<1	<1	2
B 163285	<2	25	19	10	<.5	4	7	5550	1.56	<5	<10	<4	<2	12	<.4	7	<5	6	10.00	.017	7	12	5.19	17	<.01	.19	.02	.10	5	4	<2	3	<2	<1	<1	1
B 163286	<2	31	14	12	<.5	5	19	3628	1.60	<5	<10	<4	<2	9	<.4	6	<5	5	7.09	.010	3	12	3.52	42	<.01	.09	.02	.05	4	2	<2	3	<2	<1	<1	2
B 163287	<2	18	8	8	<.5	3	7	4774	1.44	<5	<10	<4	<2	11	<.4	8	<5	3	8.21	.008	7	12	4.14	9	<.01	.05	.02	.02	7	2	<2	2	<2	<1	<1	<1
B 163288	2	11	<5	6	<.5	4	5	4152	1.25	<5	<10	<4	<2	10	<.4	7	<5	4	7.66	.013	6	11	3.86	15	<.01	.05	.02	.03	6	<2	<2	2	<2	<1	<1	<1
B 163289	<2	8	5	5	<.5	3	4	6134	1.52	<5	<10	<4	<2	14	<.4	7	<5	6	10.81	.022	7	11	5.58	14	<.01	.14	.03	.07	<4	3	<2	3	<2	<1	<1	<1
B 163290	<2	16	8	8	<.5	4	5	7003	1.66	<5	<10	<4	<2	16	<.4	8	6	13	12.41	.022	9	8	6.19	24	<.01	.23	.02	.12	<4	3	<2	3	2	<1	<1	<1
RE B 163290	<2	18	8	8	<.5	4	5	7059	1.67	<5	<10	<4	<2	16	<.4	7	<5	13	12.64	.022	6	8	6.27	24	<.01	.24	.02	.12	<4	4	<2	3	<2	<1	<1	<1
RRE B 163290	<2	15	8	9	<.5	3	5	6888	1.64	<5	<10	<4	<2	16	<.4	7	<5	12	12.28	.022	9	10	6.13	24	<.01	.23	.02	.11	<4	3	<2	3	<2	<1	<1	<1
B 163291	<2	12	6	7	<.5	4	7	7362	1.68	5	<10	<4	<2	15	<.4	6	<5	8	13.66	.038	7	5	6.69	16	<.01	.12	.02	.06	<4	3	<2	3	<2	<1	<1	<1
B 163292	<2	95	13	64	<.5	4	5	4794	1.27	<5	<10	<4	<2	12	<.4	8	<5	5	9.66	.015	5	13	5.15	12	<.01	.07	.02	.04	5	2	<2	3	<2	<1	<1	<1
B 163293	<2	568	23	46	<.5	6	7	4530	1.42	<5	<10	<4	<2	13	<.4	8	<5	5	9.90	.017	7	14	5.31	12	<.01	.07	.02	.03	4	2	<2	4	<2	<1	<1	<1
B 163294	<2	57	5	5	<.5	4	5	4252	1.21	<5	<10	<4	<2	11	<.4	7	<5	4	8.79	.011	5	21	4.63	16	<.01	.05	.02	.02	4	<2	<2	3	<2	<1	<1	<1
B 163295	<2	97	7	9	<.5	5	7	8843	2.14	9	<10	<4	<2	20	<.4	<5	<5	11	17.92	.025	9	3	8.32	79	<.01	.37	.02	.20	<4	7	<2	6	<2	<1	<1	1
B 163296	<2	13	6	5	<.5	3	3	7702	1.80	5	<10	<4	<2	16	<.4	6	<5	7	16.22	.042	7	3	7.64	13	<.01	.30	.03	.16	<4	4	<2	5	<2	<1	<1	<1
B 163297	<2	29	<5	6	<.5	4	5	9470	2.29	8	<10	<4	<2	22	<.4	5	<5	12	17.65	.053	8	4	8.02	17	.01	.65	.02	.37	<4	8	<2	5	2	<1	1	<1
B 163298	<2	498	12	4	<.5	6	10	5654	2.21	<5	<10	<4	<2	15	<.4	6	<5	22	9.82	.026	5	20	4.91	22	.01	.93	.01	.50	<4	9	<2	6	<2	<1	1	2
STANDARD CT3/AU-R	24	59	41	151	5.5	39	12	922	4.19	54	27	<4	25	223	21.7	22	22	136	1.57	.100	28	255	.91	977	.39	7.15	1.71	1.75	32	49	20	16	17	4	9	430
STANDARD G-1	<2	4	17	44	<.5	9	5	724	2.40	<5	<10	<4	7	686	<.4	<5	<5	52	2.56	.081	26	62	.70	957	.22	7.87	2.26	2.67	<4	7	2	14	14	1	5	<1

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Major General Resources Ltd. PROJECT OLYMPIC File # 97-6080 Page 1 OLY97-06

1550 - 409 Granville St., Vancouver BC V6C 1T2 Submitted by: Sean P. Butler

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163299	4	130	27	46	<.5	10	11	3435	1.76	<5	<10	<4	<2	11	.5	<5	5	18	5.87	.017	7	31	2.85	38	.01	.54	.03	.28	8	8	<2	4	2	<1	1	5
B 163300	<2	1675	13	23	<.5	60	50	3928	5.32	<5	12	<4	<2	38	<.4	<5	<5	252	6.80	.051	14	47	4.14	678	.32	5.21	.05	2.19	4	18	<2	11	<2	<1	17	2
B 163301	<2	90	9	13	.5	49	20	3361	6.70	<5	<10	<4	<2	38	.4	7	<5	309	6.53	.050	15	70	3.54	314	.31	5.88	.06	2.73	4	9	<2	11	<2	<1	23	<1
B 163302	<2	15	11	15	<.5	29	8	1226	4.28	<5	<10	<4	12	26	<.4	<5	<5	84	2.29	.058	42	41	1.87	1354	.23	7.17	.03	3.87	<4	43	<2	12	4	<1	9	1
B 163303	<2	14	7	15	<.5	32	9	1251	3.94	<5	<10	<4	11	19	<.4	<5	<5	73	2.12	.055	39	38	2.14	781	.22	6.50	.04	4.35	5	42	<2	13	5	<1	8	1
B 163304	<2	27	15	18	<.5	48	21	549	4.91	5	<10	<4	14	17	<.4	5	<5	107	.93	.065	47	48	2.20	895	.25	7.27	.07	5.62	6	53	2	10	7	<1	9	3
B 163305	<2	20	42	68	<.5	40	21	551	4.75	<5	<10	<4	13	22	.5	<5	<5	75	1.02	.059	42	43	1.91	1126	.23	6.85	.07	6.42	5	48	2	10	4	<1	10	1
B 163306	<2	113	12	24	.5	48	24	379	5.81	<5	<10	<4	14	23	<.4	6	<5	87	.70	.063	84	51	2.44	1524	.23	7.46	.06	5.84	6	53	2	13	7	<1	10	1
B 163307	<2	57	5	24	<.5	51	26	308	6.48	<5	<10	<4	14	18	<.4	<5	<5	114	.29	.063	59	51	2.30	887	.20	7.20	.06	5.63	<4	52	<2	9	2	<1	10	3
B 163308	<2	30	25	32	<.5	35	16	551	5.89	<5	<10	<4	13	24	.4	<5	<5	81	.77	.059	73	46	2.29	807	.26	7.02	.05	5.27	4	41	<2	11	6	<1	9	3
RE B 163308	<2	29	21	32	.5	37	17	560	5.97	5	<10	<4	13	24	<.4	<5	<5	83	.78	.060	74	46	2.32	818	.28	7.10	.06	5.36	7	41	<2	11	7	<1	9	1
RRE B 163308	<2	30	22	34	<.5	36	16	548	5.91	<5	<10	<4	13	24	<.4	<5	<5	82	.77	.059	73	46	2.30	806	.28	7.01	.05	5.30	6	41	<2	11	6	<1	9	3
B 163309	<2	36	9	14	<.5	34	14	465	5.64	<5	<10	<4	13	21	<.4	<5	<5	76	.63	.055	83	44	2.11	694	.25	6.52	.05	4.77	5	40	2	9	5	<1	8	1
B 163310	<2	56	10	14	<.5	43	30	328	6.68	<5	<10	<4	15	21	<.4	<5	<5	95	.60	.065	8	56	2.15	717	.28	7.88	.05	5.87	<4	50	2	11	5	<1	10	1
B 163311	<2	8	11	24	<.5	54	33	261	7.45	<5	<10	<4	15	9	<.4	<5	5	100	.36	.062	31	55	2.28	419	.25	7.53	.04	4.35	5	51	<2	11	5	<1	9	1
B 163312	<2	70	9	17	<.5	81	58	635	6.43	<5	<10	<4	14	18	<.4	<5	<5	151	1.17	.073	62	55	2.40	707	.20	7.88	.06	6.33	4	52	<2	11	4	<1	8	1
B 163313	2	19	14	21	<.5	63	38	998	5.90	<5	<10	<4	13	16	<.4	<5	<5	166	1.43	.080	33	46	2.33	526	.21	6.73	.06	5.00	<4	46	2	9	4	<1	8	2
B 163314	4	76	13	20	<.5	56	19	713	5.75	<5	<10	<4	13	15	<.4	<5	<5	123	.79	.068	39	43	2.52	695	.22	6.74	.07	4.92	4	48	2	8	5	<1	8	2
B 163315	2	2048	8	6	.6	15	8	7769	6.86	5	<10	<4	5	20	<.4	5	<5	40	9.19	.035	10	13	4.30	57	.04	1.78	.04	1.02	4	18	<2	15	<2	<1	4	1
B 163316	8	42	<5	5	<.5	16	4	3601	7.57	<5	<10	<4	4	18	<.4	<5	<5	62	4.93	.046	23	29	2.35	126	.06	3.70	.04	2.11	5	34	<2	10	<2	<1	5	3
B 163317	<2	5	<5	8	<.5	17	<2	4295	4.30	<5	<10	<4	4	25	<.4	<5	<5	62	6.98	.042	17	26	3.04	328	.05	3.64	.03	2.08	<4	25	<2	9	<2	<1	5	5
B 163318	3	14	9	7	.7	15	6	4290	4.44	<5	<10	<4	3	30	<.4	<5	<5	67	7.42	.063	19	19	3.36	75	.04	2.98	.03	1.59	<4	22	<2	9	<2	<1	4	7
B 163319	<2	17	6	7	<.5	21	8	2777	3.42	<5	<10	<4	5	22	<.4	<5	<5	76	5.13	.053	22	28	2.72	93	.05	3.97	.02	2.01	4	29	2	8	<2	<1	5	3
B 163320	<2	5	14	10	<.5	22	12	2474	2.54	<5	<10	<4	5	25	<.4	<5	<5	111	4.87	.068	24	25	2.62	102	.08	4.74	.02	2.37	4	32	<2	10	<2	<1	7	4
RE B 163320	<2	3	9	9	<.5	21	12	2474	2.53	<5	<10	<4	5	25	<.4	<5	<5	110	4.85	.067	23	24	2.61	102	.08	4.73	.02	2.36	<4	32	<2	9	<2	<1	7	4
RRE B 163320	<2	5	12	9	<.5	23	12	2594	2.64	<5	<10	<4	6	26	<.4	<5	<5	115	5.08	.071	26	28	2.74	107	.08	4.93	.03	2.46	4	33	<2	10	<2	<1	7	3
B 163321	2	13	10	10	<.5	20	18	2914	2.53	<5	<10	<4	5	26	<.4	<5	<5	99	5.35	.080	24	25	2.79	104	.07	4.41	.02	2.31	4	35	2	10	<2	<1	6	3
B 163322	2	80	30	36	.6	23	34	2958	2.28	<5	<10	<4	4	22	<.4	<5	<5	88	5.90	.050	17	17	3.31	148	.05	3.97	.02	2.09	<4	28	<2	10	<2	<1	6	5
B 163323	2	16	22	10	<.5	20	31	2121	2.12	<5	<10	<4	5	18	<.4	<5	<5	134	4.68	.056	26	23	2.63	112	.08	4.82	.02	2.47	<4	35	<2	10	<2	<1	7	3
B 163324	2	201	22	17	<.5	19	49	2648	2.19	8	<10	<4	6	17	<.4	<5	6	158	5.08	.053	143	23	2.77	105	.07	4.72	.03	2.45	<4	36	<2	15	<2	<1	7	4
B 163325	3	23	13	7	<.5	16	26	2849	2.30	<5	<10	<4	5	17	<.4	<5	<5	125	4.76	.061	17	29	2.48	92	.08	4.67	.03	2.44	4	37	<2	11	<2	<1	6	5
B 163326	2	13	14	11	.6	15	21	2968	2.25	6	<10	<4	5	21	<.4	<5	<5	100	5.32	.062	25	36	2.63	752	.06	4.04	.02	2.17	<4	32	<2	10	<2	<1	6	4
B 163327	2	10	34	52	<.5	24	36	2506	2.34	<5	<10	<4	6	27	<.4	<5	<5	124	4.31	.049	26	27	2.30	125	.09	4.34	.02	2.26	6	34	<2	10	<2	<1	6	4
B 163328	6	475	46	63	.6	29	32	1722	2.61	15	<10	<4	10	15	.4	<5	13	158	3.22	.045	25	48	2.05	195	.11	6.16	.04	3.12	<4	51	<2	13	<2	1	8	5
STANDARD CT3/AU-R	24	62	41	147	6.6	39	12	887	4.13	49	18	<4	27	224	21.7	24	18	138	1.54	.102	28	249	.90	984	.38	7.15	1.73	1.77	32	44	17	15	17	4	9	497
STANDARD G-1	2	3	24	45	<.5	10	5	735	2.59	<5	<10	<4	6	716	<.4	<5	<5	58	2.58	.084	31	83	.72	975	.25	8.18	2.46	2.74	<4	6	<2	14	15	1	5	<1

ICP - .250 GRAM SAMPLE IS DIGESTED WITH 10ML HCLO4-HNO3-HCL-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL, ZR & MN AND MASSIVE SULFIDE SAMPLES. AS, CR, SB, AU SUBJECT TO LOSS BY VOLATILIZATION DURING HCLO4 FUMING.

- SAMPLE TYPE: CORE AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 15 1997 **DATE REPORT MAILED:** Oct 23/97 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163329	2	30	17	11	.5	18	21	2273	2.58	<5	<10	<4	7	22	<.4	<5	<5	62	4.13	.052	39	42	2.47	361	.11	4.82	.06	3.90	4	32	<2	11	<2	<1	6	7
B 163330	<2	224	15	20	.9	19	30	1662	4.23	<5	<10	<4	11	23	<.4	<5	<5	86	2.61	.059	54	32	1.67	587	.19	6.04	.08	5.91	6	39	<2	10	4	<1	7	29
B 163331	<2	42	<5	9	<.5	41	10	1058	4.38	<5	<10	<4	11	10	<.4	<5	<5	153	1.46	.057	48	34	2.16	373	.20	6.27	.04	3.82	5	39	2	10	4	<1	7	4
B 163332	<2	14	46	93	1.0	74	23	295	7.29	<5	<10	<4	14	13	<.4	<5	<5	117	.32	.065	83	55	2.57	1001	.26	7.82	.07	6.30	<4	58	<2	7	5	<1	10	3
B 163333	3	4	6	16	<.5	66	21	436	5.75	<5	<10	<4	12	11	<.4	<5	<5	179	.58	.063	94	41	2.40	521	.22	6.62	.06	5.15	<4	51	<2	7	4	<1	9	10
B 163334	2	7	6	20	.7	52	38	670	6.78	<5	<10	<4	11	14	<.4	<5	<5	170	1.10	.065	78	44	2.17	499	.22	6.54	.08	6.24	4	50	2	9	4	<1	8	7
B 163335	3	5	7	21	<.5	41	28	1180	7.25	<5	<10	<4	13	17	<.4	<5	<5	110	2.18	.062	76	41	2.91	416	.23	6.28	.06	4.72	6	46	2	12	6	<1	8	4
B 163336	2	5	<5	11	.6	30	16	2669	8.14	<5	<10	<4	12	16	<.4	<5	<5	74	4.10	.064	66	37	3.56	167	.21	6.17	.04	3.22	<4	38	<2	16	4	1	8	<1
B 163337	2	30	14	20	<.5	17	19	5700	11.15	8	<10	<4	4	19	<.4	<5	<5	58	6.17	.056	19	20	3.67	92	.08	2.96	.03	1.11	5	27	<2	11	<2	<1	4	3
B 163338	2	9	6	20	<.5	27	9	4459	8.94	5	<10	<4	5	19	<.4	<5	<5	70	4.80	.048	21	33	3.78	122	.14	4.40	.03	1.40	<4	30	<2	8	3	<1	6	<1
B 163339	4	11	6	14	<.5	26	13	3678	10.25	<5	<10	<4	5	16	<.4	<5	<5	75	4.41	.057	21	32	3.89	95	.13	3.89	.03	.95	<4	26	<2	9	2	<1	5	1
B 163340	2	6	12	16	.7	24	145	2685	10.65	17	<10	<4	4	13	<.4	<5	<5	70	3.61	.068	18	27	3.89	53	.09	3.38	.03	.33	<4	22	<2	8	2	<1	4	1
RE B 163340	<2	6	11	14	<.5	24	143	2643	10.47	13	<10	<4	4	12	<.4	<5	<5	69	3.56	.066	19	25	3.85	52	.09	3.33	.02	.33	<4	21	<2	8	2	<1	4	1
RRE B 163340	<2	5	8	14	.6	25	149	2730	10.78	11	<10	<4	5	13	<.4	<5	<5	71	3.66	.068	18	26	3.94	54	.11	3.40	.02	.34	<4	22	<2	8	2	<1	4	2
B 163341 97-06	<2	84	<5	14	<.5	25	21	2578	7.73	<5	<10	<4	4	13	<.4	<5	<5	72	3.49	.057	22	31	3.82	133	.14	3.97	.03	.94	<4	28	2	10	3	<1	6	1
B 163342	<2	5	5	11	<.5	32	22	1508	7.34	<5	<10	<4	6	13	<.4	<5	<5	123	2.11	.096	24	39	3.25	152	.18	5.16	.03	1.54	<4	36	<2	9	2	<1	7	1
B 163343	<2	25	9	18	<.5	31	6	1718	7.44	<5	<10	<4	6	14	<.4	<5	<5	96	2.28	.055	26	35	3.40	144	.17	5.02	.03	1.32	5	32	<2	9	3	<1	7	<1
B 163344	<2	19	6	9	<.5	7	3	2213	2.40	<5	<10	<4	5	20	<.4	<5	<5	38	7.79	.060	6	13	4.76	139	.04	2.36	.03	1.84	<4	30	<2	10	<2	<1	17	1
B 163345	<2	3	<5	11	<.5	7	4	2127	3.11	<5	<10	<4	6	24	<.4	<5	<5	43	7.52	.065	13	10	5.36	176	.05	2.88	.03	1.96	4	33	<2	12	<2	<1	17	1
B 163346 97-07	<2	<2	<5	18	<.5	21	12	398	4.51	<5	<10	<4	11	24	<.4	<5	<5	57	.86	.055	7	30	3.38	823	.13	5.49	.06	3.95	<4	46	<2	4	2	<1	5	<1
B 163347	<2	2	<5	22	<.5	29	19	250	4.99	<5	<10	<4	11	15	<.4	<5	<5	55	.16	.049	5	32	4.94	461	.11	5.36	.04	2.35	<4	49	<2	3	2	<1	7	<1
B 163348	<2	<2	<5	32	<.5	22	17	193	5.15	<5	<10	<4	10	8	<.4	<5	<5	53	.14	.049	4	30	7.16	469	.12	4.98	.02	.70	<4	44	<2	4	<2	<1	10	<1
B 163349	<2	2	6	31	<.5	18	15	338	4.57	7	<10	<4	10	5	<.4	<5	<5	49	.53	.047	7	25	6.82	88	.10	4.17	.01	.25	5	41	<2	4	3	<1	13	<1
B 163350	<2	4	5	20	2.4	16	9	180	3.29	<5	<10	<4	11	28	<.4	<5	<5	44	.41	.047	3	32	2.68	1494	.11	5.43	.06	4.19	<4	51	<2	3	2	<1	4	<1
B 163351	<2	5	<5	29	<.5	45	17	379	5.04	<5	<10	<4	8	15	<.4	<5	<5	134	.19	.057	6	36	4.37	575	.25	5.76	.04	2.97	6	43	<2	4	<2	<1	10	1
B 163352	<2	<2	5	30	<.5	28	20	237	5.64	<5	<10	<4	10	12	<.4	<5	<5	79	.15	.058	3	32	6.79	808	.12	5.26	.02	1.00	<4	43	<2	3	<2	<1	9	<1
RE B 163352	<2	2	<5	30	.5	27	20	229	5.41	<5	<10	<4	11	11	<.4	5	<5	76	.13	.055	4	31	6.66	785	.10	5.16	.02	.98	5	39	<2	3	<2	<1	9	1
RRE B 163352	<2	<2	<5	28	<.5	92	19	221	5.28	<5	<10	<4	10	11	<.4	<5	<5	74	.15	.054	3	29	6.48	738	.10	5.02	.02	.94	<4	39	<2	3	<2	<1	9	1
B 163353	<2	5	<5	29	<.5	27	15	227	5.29	<5	<10	<4	10	6	<.4	<5	<5	86	.17	.062	3	29	5.36	220	.14	5.08	.03	1.60	5	40	<2	3	<2	<1	11	1
B 163354	<2	3	<5	22	<.5	19	10	199	4.10	<5	<10	<4	11	13	<.4	<5	<5	63	.24	.060	2	31	2.67	518	.13	5.03	.05	3.46	5	44	<2	3	3	<1	5	1
B 163355	<2	3	<5	18	<.5	17	8	216	3.90	<5	<10	<4	9	17	<.4	<5	5	61	.37	.057	3	29	2.20	579	.13	4.73	.06	3.54	4	43	<2	3	<2	<1	6	<1
B 163356	<2	4	<5	21	<.5	21	11	197	4.20	<5	<10	<4	11	12	<.4	<5	<5	70	.19	.055	2	34	2.71	565	.13	5.08	.04	3.43	5	44	<2	3	<2	<1	6	<1
B 163357	<2	3	<5	18	<.5	18	9	205	4.09	<5	<10	<4	13	20	<.4	<5	<5	57	.27	.056	<2	32	1.94	924	.14	4.84	.05	3.87	5	53	<2	3	<2	<1	3	1
B 163358	<2	4	6	19	<.5	18	9	243	3.64	<5	<10	<4	12	40	<.4	<5	<5	42	.33	.055	<2	29	1.73	1822	.15	4.23	.05	3.62	4	61	<2	4	3	<1	2	1
B 163359	<2	2	<5	19	<.5	28	14	262	4.36	<5	<10	<4	10	14	<.4	<5	<5	58	.23	.060	2	33	2.92	628	.16	5.49	.05	3.76	<4	48	<2	4	2	<1	4	2
STANDARD CT3/AU-R	24	61	38	144	6.2	39	12	886	4.21	51	11	<4	27	229	21.8	22	23	140	1.59	.101	29	247	.93	1003	.38	7.33	1.73	1.75	32	44	17	16	16	4	9	462
STANDARD G-1	<2	3	18	43	<.5	8	5	709	2.55	<5	<10	<4	5	709	<.4	<5	<5	57	2.56	.083	27	72	.71	955	.24	8.18	2.42	2.67	<4	7	<2	14	15	1	5	<1

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ✓ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163360	<2	<2	8	18	<.5	16	9	338	2.82	<5	<10	<4	10	23	<.4	<5	<5	31	.51	.050	<2	29	2.00	629	.11	4.34	.08	3.83	<4	38	<2	3	3	<1	2	4
B 163361	<2	3	6	32	<.5	14	8	453	2.08	<5	<10	<4	9	27	<.4	<5	<5	24	.77	.043	<2	25	2.12	1303	.10	3.90	.06	3.29	5	37	<2	3	4	<1	3	2
B 163362	<2	2	5	21	<.5	17	10	371	2.97	<5	12	<4	10	23	<.4	<5	<5	40	.54	.052	2	24	2.35	1008	.11	4.22	.05	3.31	6	43	<2	3	4	<1	3	1
B 163363	<2	2	6	19	<.5	17	9	133	3.74	<5	<10	<4	11	9	<.4	<5	<5	65	.12	.051	2	29	2.40	318	.13	5.08	.03	2.92	6	44	3	3	3	<1	5	<1
B 163364	<2	<2	<5	21	<.5	19	10	120	3.49	<5	<10	<4	10	7	<.4	<5	<5	77	.14	.063	2	30	2.27	428	.14	4.77	.02	2.18	6	51	2	4	3	<1	7	<1
B 163365	<2	3	<5	26	<.5	22	13	174	4.06	<5	<10	<4	15	10	<.4	<5	<5	85	.16	.075	4	37	3.01	340	.17	6.07	.03	3.15	5	69	3	5	3	<1	7	1
B 163366	<2	3	5	11	<.5	11	5	90	2.04	<5	<10	<4	7	16	<.4	5	<5	28	.12	.043	2	22	.91	731	.09	3.51	.04	3.41	7	39	<2	2	4	<1	2	<1
B 163367	<2	3	5	15	<.5	20	8	145	3.93	<5	<10	<4	10	9	<.4	<5	<5	83	.15	.070	2	31	1.81	358	.15	5.13	.04	3.32	9	48	2	3	3	<1	6	1
B 163368	<2	<2	<5	11	<.5	19	7	106	3.16	<5	<10	<4	7	7	<.4	<5	<5	71	.10	.051	<2	33	1.55	395	.11	4.10	.03	2.82	4	32	2	2	2	<1	6	<1
B 163369	<2	2	<5	15	<.5	21	10	149	4.12	<5	10	<4	10	7	<.4	<5	<5	95	.12	.061	3	32	1.88	310	.13	5.03	.03	2.85	8	42	3	3	3	<1	7	<1
B 163370	<2	2	5	22	<.5	27	13	345	4.91	<5	12	<4	10	8	<.4	<5	<5	126	.12	.059	2	34	2.25	323	.18	5.56	.03	3.33	6	47	2	3	2	<1	8	<1
B 163371	<2	8	<5	64	<.5	55	24	1482	7.08	<5	<10	<4	3	12	<.4	<5	<5	239	.17	.075	<2	34	3.93	574	.42	6.82	.06	4.43	5	67	<2	5	<2	<1	8	2
B 163372	<2	2	<5	35	<.5	31	15	521	4.46	<5	11	<4	9	11	<.4	<5	<5	131	.15	.069	2	36	2.49	845	.15	5.26	.04	3.49	5	47	2	4	2	<1	5	6
RE B 163372	<2	2	<5	35	<.5	31	16	545	4.70	<5	<10	<4	9	11	<.4	<5	<5	138	.15	.073	2	31	2.59	889	.17	5.54	.05	3.67	5	54	2	4	2	<1	6	1
RRE B 163372	<2	3	6	35	<.5	30	16	568	4.81	<5	<10	<4	9	12	<.4	<5	<5	139	.16	.073	2	33	2.64	926	.18	5.51	.05	3.57	4	52	2	4	2	<1	6	2
B 163373	<2	2	<5	38	<.5	22	15	753	4.65	<5	<10	<4	11	10	<.4	<5	<5	82	.12	.058	<2	36	2.54	544	.12	5.41	.05	3.83	4	45	<2	3	3	<1	4	<1
B 163374	<2	4	5	39	<.5	30	19	819	4.75	<5	10	<4	9	13	<.4	<5	<5	146	.29	.136	3	33	3.04	632	.21	6.10	.06	4.18	4	47	<2	3	<2	<1	4	3
B 163375	<2	3	5	37	<.5	25	20	816	5.07	<5	<10	<4	9	9	<.4	<5	<5	140	.20	.095	2	38	2.85	408	.10	5.35	.05	3.54	6	42	2	3	<2	<1	5	4
B 163376	<2	9	5	45	<.5	53	28	747	6.27	<5	<10	<4	4	11	<.4	<5	<5	307	.18	.081	3	36	4.39	678	.54	7.55	.05	4.10	<4	49	<2	8	<2	<1	14	3
B 163377	<2	3	6	44	.5	29	22	971	5.54	<5	<10	<4	8	10	<.4	6	<5	204	.12	.056	3	37	3.82	728	.35	6.90	.05	4.08	4	60	<2	5	2	<1	11	1
B 163378	<2	3	5	56	<.5	39	28	1439	6.80	<5	<10	<4	7	9	<.4	<5	<5	251	.13	.057	2	44	4.53	914	.40	7.67	.05	4.39	6	71	<2	6	2	<1	11	1
B 163379	<2	6	5	36	.5	37	21	630	6.12	<5	16	<4	4	10	<.4	<5	<5	260	.17	.079	4	38	3.43	876	.54	7.25	.06	4.96	7	55	2	8	2	<1	12	<1
B 163380	<2	4	6	43	.5	35	26	812	6.56	<5	<10	<4	4	9	<.4	<5	<5	228	.17	.078	3	35	3.86	814	.51	6.82	.05	4.04	6	48	<2	6	2	<1	12	1
B 163381	<2	4	<5	38	<.5	34	21	691	5.68	<5	<10	<4	6	19	<.4	<5	<5	178	.16	.075	3	34	3.34	1098	.40	6.36	.05	4.21	4	51	<2	6	2	<1	11	8
B 163382	<2	2	5	29	<.5	21	13	331	4.81	<5	<10	<4	12	21	<.4	<5	<5	97	.15	.068	2	34	2.40	705	.15	5.49	.05	3.82	6	50	2	4	2	<1	6	3
B 163383	<2	2	<5	25	<.5	21	11	283	4.58	<5	<10	<4	12	11	<.4	<5	<5	92	.14	.066	3	34	2.34	395	.14	5.30	.04	3.51	4	47	2	4	2	<1	7	2
B 163384	<2	2	<5	28	<.5	19	13	244	4.58	<5	<10	<4	11	10	<.4	<5	<5	89	.19	.064	2	37	2.95	363	.15	5.15	.03	2.85	5	46	3	4	3	<1	9	3
RE B 163384	<2	3	<5	28	<.5	20	13	243	4.50	<5	<10	<4	12	10	<.4	<5	<5	88	.19	.063	2	37	2.94	361	.14	5.15	.03	2.84	4	45	2	4	<2	<1	8	2
RRE B 163384	<2	2	<5	28	<.5	20	13	240	4.51	<5	<10	<4	11	10	<.4	<5	<5	87	.19	.063	2	41	2.91	360	.14	5.12	.04	2.88	4	46	3	4	3	<1	8	1
B 163385	<2	2	<5	26	<.5	17	12	210	4.01	<5	<10	<4	9	11	<.4	<5	<5	75	.13	.060	<2	34	2.63	441	.11	5.30	.04	3.46	5	41	2	3	2	<1	5	1
B 163386	<2	2	6	35	<.5	27	16	327	5.10	<5	<10	<4	11	11	<.4	<5	<5	103	.24	.069	2	35	3.87	347	.19	5.71	.04	2.86	<4	52	3	5	2	<1	6	2
B 163387	<2	3	<5	36	<.5	25	16	414	5.21	<5	13	<4	7	20	<.4	<5	<5	112	.29	.064	2	33	3.18	664	.25	5.80	.05	3.95	4	46	<2	4	<2	<1	6	3
B 163388	<2	2	6	36	<.5	18	19	594	3.46	<5	<10	<4	6	14	<.4	<5	<5	70	.90	.075	5	21	4.23	644	.18	4.16	.03	1.76	<4	43	<2	5	3	<1	7	2
B 163389	<2	3	7	39	<.5	28	22	270	4.93	<5	<10	<4	9	8	<.4	<5	<5	94	.22	.073	10	29	5.16	322	.15	4.96	.01	1.14	6	46	3	5	3	<1	10	2
B 163390	<2	<2	13	31	<.5	22	17	620	4.28	<5	<10	<4	10	11	<.4	<5	<5	83	3.02	.075	33	27	5.53	167	.16	4.64	.02	1.48	6	44	<2	9	5	<1	11	3
STANDARD CT3/AU-R	24	61	39	145	5.7	38	12	868	4.16	50	17	<4	26	220	21.5	19	22	140	1.53	.103	28	250	.90	979	.38	6.92	1.73	1.83	30	46	18	15	15	4	9	487
STANDARD G-1	2	3	22	45	<.5	10	5	748	2.67	<5	<10	<4	5	706	<.4	<5	<5	60	2.59	.087	27	81	.75	973	.25	8.16	2.42	2.85	<4	7	<2	13	16	1	5	<1

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

ACME ANALYTICAL

GL97-08

Major General Resources Ltd. PROJECT OLYMPIC FILE # 97-6080

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163391	<2	2	5	24	<.5	27	17	571	4.01	<5	<10	<4	13	16	<.4	<5	<5	110	3.40	.072	48	33	4.94	209	.23	5.76	.03	2.34	6	56	2	12	6	<1	15	6
B 163392	<2	31	5	24	<.5	40	26	366	3.66	<5	<10	<4	11	18	<.4	<5	<5	89	1.78	.064	20	23	4.82	815	.16	4.84	.02	1.46	4	45	2	8	3	<1	12	3
B 163393	<2	3	6	25	<.5	30	19	464	3.69	<5	<10	<4	10	13	<.4	<5	<5	93	3.32	.075	34	26	5.40	350	.18	4.97	.02	1.65	<4	47	2	11	3	<1	13	3
B 163394	<2	<2	<5	18	<.5	18	11	958	3.45	<5	<10	<4	10	16	<.4	<5	<5	75	5.11	.067	37	20	5.61	191	.16	4.47	.03	1.66	<4	44	<2	12	4	<1	13	4
B 163395	<2	2	<5	14	<.5	18	10	1108	3.54	<5	<10	<4	9	17	.4	<5	<5	74	5.25	.057	35	18	5.43	215	.15	4.05	.03	1.49	5	43	3	11	4	<1	13	2
B 163396	<2	5	<5	16	<.5	22	11	1369	4.69	<5	<10	<4	10	27	<.4	<5	<5	102	5.24	.061	45	26	5.29	1222	.20	5.31	.03	2.19	<4	47	<2	14	4	<1	16	1
B 163397	<2	2	5	17	<.5	18	9	1574	4.32	<5	<10	<4	10	25	<.4	<5	<5	93	6.30	.058	43	21	5.79	401	.18	4.98	.03	2.07	5	47	2	15	4	<1	18	1
B 163398	<2	4	5	17	<.5	24	10	899	4.36	<5	12	<4	12	16	<.4	<5	<5	110	3.79	.075	50	31	4.58	265	.20	5.95	.03	2.61	4	50	4	13	4	<1	14	1
B 163399	<2	2	17	43	.5	21	11	504	4.43	<5	<10	<4	14	14	<.4	<5	<5	122	2.84	.084	57	37	4.68	563	.24	6.18	.03	2.57	7	58	2	13	7	1	15	3
B 163400	<2	3	28	45	.5	23	12	277	4.96	5	<10	<4	16	11	<.4	<5	<5	136	.81	.087	44	36	4.06	250	.26	6.55	.03	2.61	6	64	3	12	7	1	16	2
B 163401	<2	<2	<5	56	<.5	53	24	529	7.21	7	<10	<4	12	10	<.4	6	<5	172	.17	.071	8	44	5.31	278	.22	6.50	.03	2.12	6	70	2	8	2	1	11	1
B 163402	<2	3	13	89	<.5	76	32	786	8.11	<5	<10	<4	9	22	<.4	<5	<5	164	.16	.056	4	52	6.17	975	.24	6.88	.04	2.59	<4	61	2	6	<2	<1	9	1
B 163403	<2	2	<5	56	<.5	59	30	689	7.76	5	<10	<4	9	135	<.4	<5	<5	160	.36	.086	4	40	5.77	5085	.30	6.71	.05	3.10	5	92	<2	10	2	<1	10	<1
B 163404	<2	2	<5	59	<.5	59	24	586	7.55	<5	<10	<4	8	6	<.4	<5	<5	162	.16	.063	6	41	5.80	251	.25	6.16	.02	1.87	<4	66	<2	7	<2	<1	9	2
RE B 163404	<2	4	<5	62	.8	63	26	622	8.06	<5	<10	<4	10	6	<.4	<5	<5	173	.16	.066	6	45	6.12	263	.26	6.48	.03	2.00	5	66	<2	7	<2	<1	9	1
RRE B 163404	<2	5	9	35	<.5	35	16	362	5.47	<5	<10	<4	13	8	<.4	<5	<5	156	.37	.076	24	34	4.78	277	.21	6.03	.02	1.90	6	58	3	9	2	<1	12	1
B 163405	<2	2	5	22	<.5	17	10	1273	3.91	<5	<10	<4	8	14	<.4	<5	<5	75	4.35	.070	25	18	6.48	90	.14	4.26	.02	1.08	<4	47	<2	11	3	<1	6	<1
B 163406 97-07	<2	3	<5	11	<.5	8	5	1789	3.19	6	<10	<4	9	22	<.4	<5	<5	50	5.93	.071	36	16	6.29	342	.15	3.93	.03	1.46	<4	47	<2	15	4	<1	5	<1
B 163407	<2	3	7	11	<.5	8	5	2191	3.17	<5	<10	<4	6	26	<.4	<5	<5	40	7.86	.068	34	11	6.78	476	.12	3.15	.03	1.23	<4	41	<2	17	3	<1	4	<1
B 163408 ↑																																				
B 163409 GL97-	<2	112	7	5	<.5	10	9	1070	2.72	8	<10	<4	8	19	<.4	<5	<5	39	2.14	.043	27	31	1.65	772	.12	3.90	.04	3.50	4	45	<2	6	3	<1	4	1
B 163410 08	<2	195	6	8	<.5	13	10	699	2.67	8	<10	<4	7	17	<.4	<5	<5	49	1.45	.044	28	25	1.52	1047	.13	4.53	.04	3.89	7	43	<2	6	4	<1	5	2
B 163411	<2	1093	<5	15	.5	24	13	811	3.95	<5	<10	<4	9	11	<.4	<5	<5	55	1.11	.046	22	36	2.23	677	.14	5.28	.03	3.40	5	49	2	5	4	<1	5	<1
B 163412	<2	1275	5	6	.7	12	14	537	2.62	<5	<10	<4	8	11	<.4	<5	<5	41	.93	.041	33	23	1.31	555	.13	3.79	.03	3.13	4	54	2	3	4	<1	4	1
B 163413	<2	2794	10	10	1.5	10	18	943	2.53	<5	<10	<4	8	17	<.4	<5	<5	34	1.79	.042	29	22	1.33	907	.13	3.93	.04	3.79	4	47	<2	4	4	<1	4	2
B 163414	2	2941	6	11	1.1	23	29	926	4.62	5	<10	<4	9	14	<.4	<5	<5	65	1.76	.053	68	38	1.95	830	.16	5.20	.04	3.88	8	53	2	6	4	<1	7	13
RE B 163414	<2	2730	9	9	1.4	21	27	862	4.29	<5	<10	<4	9	13	<.4	<5	<5	60	1.63	.049	62	44	1.80	769	.14	4.83	.04	3.58	6	48	2	5	2	<1	6	10
RRE B 163414	2	4024	5	12	1.6	27	34	899	5.15	<5	<10	<4	10	13	<.4	<5	<5	68	1.71	.052	68	42	1.96	637	.15	5.12	.04	3.68	5	51	2	6	3	<1	7	13
B 163415	<2	446	14	10	<.5	14	12	2558	3.31	<5	<10	<4	8	23	<.4	<5	<5	62	4.63	.049	48	43	3.15	587	.14	5.02	.04	4.13	4	47	3	12	2	<1	6	5
B 163416	<2	159	9	9	<.5	13	11	762	2.81	<5	<10	<4	9	14	<.4	<5	<5	58	1.98	.050	35	37	2.00	701	.14	4.94	.04	4.02	4	42	2	7	3	<1	6	2
B 163417	<2	70	5	4	<.5	4	5	2378	1.65	<5	<10	<4	5	23	<.4	5	<5	26	5.07	.056	32	13	2.55	494	.10	3.40	.04	3.59	6	37	<2	11	4	<1	4	1
B 163418	<2	31	8	7	<.5	6	19	2652	1.75	<5	<10	<4	4	22	<.4	<5	<5	22	5.49	.058	28	12	2.69	535	.11	3.15	.04	3.40	4	41	<2	11	3	<1	4	<1
B 163419	<2	251	10	6	.5	3	3	2525	1.58	<5	<10	<4	5	21	<.4	<5	<5	22	6.04	.055	28	11	3.12	338	.11	2.92	.04	3.05	4	40	<2	11	3	<1	4	<1
B 163420	<2	50	7	9	<.5	17	7	1687	1.88	<5	<10	<4	9	14	<.4	<5	<5	86	3.16	.047	53	34	2.44	348	.22	6.33	.04	3.59	10	60	<2	11	5	1	7	1
B 163421	<2	219	11	8	<.5	13	9	3508	2.46	<5	<10	<4	6	20	<.4	5	<5	78	6.48	.048	50	25	3.89	871	.12	3.66	.04	1.96	7	35	<2	13	3	<1	5	10
STANDARD CT3/AU-R	25	64	41	149	5.8	40	12	920	4.32	54	24	<4	24	233	21.8	20	19	143	1.63	.105	29	261	.94	1028	.40	7.21	1.78	1.79	32	47	18	16	16	4	9	445
STANDARD G-1	<2	3	16	42	.6	10	5	721	2.54	<5	<10	<4	6	694	<.4	<5	<5	57	2.56	.082	24	59	.71	970	.24	7.66	2.38	2.64	<4	7	<2	13	16	1	5	<1

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data d FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au* ppb
B 163422	2	67	8	9	<.5	7	11	3058	1.89	6	<10	<4	2	18	<.4	<5	<5	42	6.91	.035	16	25	3.91	114	.04	1.58	.03	.87	5	15	<2	8	<2	<1	3	4
B 163423	<2	58	<5	3	<.5	4	6	3673	2.01	<5	<10	<4	<2	19	<.4	<5	<5	22	7.86	.022	7	14	4.01	339	.01	.41	.02	.23	6	6	<2	7	<2	<1	1	2
B 163424	<2	79	8	7	<.5	5	10	3350	1.82	<5	<10	<4	<2	17	<.4	<5	<5	19	7.34	.022	6	18	3.74	31	<.01	.23	.02	.13	5	5	<2	6	2	<1	<1	4
B 163425 not received	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B 163426	<2	46	5	6	.5	5	4	2614	1.67	<5	<10	<4	<2	14	<.4	<5	<5	36	5.57	.036	14	32	2.90	68	.03	1.20	.02	.69	11	14	<2	6	<2	<1	2	2
B 163427	<2	62	<5	5	<.5	5	3	4816	2.61	<5	<10	<4	3	28	<.4	<5	<5	68	10.47	.057	9	24	5.47	101	.06	2.26	.03	1.32	<4	20	<2	10	<2	<1	3	4
B 163428	<2	178	6	2	<.5	4	18	4608	2.62	<5	<10	<4	2	28	<.4	<5	<5	27	9.50	.027	7	16	4.71	42	.02	.64	.02	.37	5	7	<2	7	<2	<1	2	1
B 163429	<2	15	5	5	<.5	4	10	6690	3.55	<5	<10	<4	<2	30	<.4	<5	<5	19	14.58	.022	8	5	6.79	32	<.01	.27	.04	.15	<4	4	<2	11	2	<1	3	<1
B 163430	<2	42	5	7	.5	2	2	6916	3.49	<5	<10	<4	<2	31	<.4	<5	<5	19	13.31	.016	11	6	6.09	80	.01	.41	.03	.25	4	5	<2	11	3	<1	2	<1
B 163431	<2	1098	8	16	1.1	7	9	5442	3.55	<5	<10	<4	7	31	<.4	<5	<5	162	10.82	.134	41	36	5.71	224	.13	4.88	.04	2.84	5	42	2	19	2	<1	7	7
B 163432	8	74	13	25	.7	7	24	9219	4.65	8	<10	<4	2	40	<.4	<5	<5	25	16.47	.028	8	3	6.94	79	.01	.30	.03	.19	<4	6	<2	18	<2	<1	4	17
B 163433	2	34	13	14	.6	12	25	8474	3.94	14	<10	<4	3	34	<.4	<5	<5	28	16.29	.034	11	3	7.23	45	.01	.28	.04	.17	<4	7	<2	13	<2	<1	2	9
B 163434	<2	16	6	7	<.5	3	6	3860	1.81	<5	<10	<4	<2	20	<.4	<5	<5	7	7.31	.013	8	14	3.58	27	<.01	.11	.02	.06	4	5	<2	4	<2	<1	<1	1
RE B 163434	<2	16	5	7	.5	3	7	3925	1.84	<5	<10	<4	<2	21	<.4	<5	<5	7	7.43	.013	8	8	3.64	28	<.01	.11	.03	.06	5	6	<2	4	<2	<1	<1	1
RRE B 163434	<2	18	<5	7	<.5	3	6	3939	1.82	<5	<10	<4	<2	21	<.4	<5	<5	6	7.45	.013	7	8	3.66	27	<.01	.11	.03	.06	5	4	<2	5	2	<1	<1	2
B 163435	<2	22	7	9	<.5	3	7	5646	2.51	<5	<10	<4	<2	23	<.4	<5	<5	10	10.52	.021	8	7	5.15	43	<.01	.18	.03	.10	5	6	<2	6	<2	<1	<1	2
B 163436	<2	23	7	7	<.5	3	4	4372	1.93	<5	<10	<4	<2	19	<.4	<5	<5	6	7.90	.011	6	14	3.85	48	<.01	.08	.02	.04	4	5	<2	4	<2	<1	<1	1
B 163437	<2	26	7	8	<.5	4	5	6253	2.71	<5	<10	<4	<2	25	<.4	<5	<5	10	11.66	.021	6	7	5.63	121	<.01	.14	.03	.07	<4	6	<2	6	<2	<1	<1	<1
B 163438	<2	18	8	9	<.5	4	4	4425	2.00	<5	<10	<4	<2	17	<.4	<5	<5	8	8.03	.017	7	8	3.92	31	<.01	.09	.02	.05	<4	5	<2	4	<2	<1	<1	2
B 163439	<2	27	7	15	<.5	3	8	8597	3.50	<5	<10	<4	2	36	<.4	<5	<5	18	17.08	.032	9	3	7.78	39	<.01	.33	.03	.16	<4	6	<2	8	3	<1	<1	2
B 163440	<2	17	8	5	<.5	4	10	6334	2.71	<5	<10	<4	<2	23	<.4	<5	<5	8	9.95	.024	7	6	4.74	28	<.01	.11	.02	.07	<4	8	<2	6	<2	<1	<1	1
B 163441	<2	21	9	6	<.5	2	4	5877	2.59	<5	<10	<4	<2	21	<.4	<5	<5	7	9.89	.014	7	5	4.40	41	<.01	.08	.03	.03	<4	6	<2	6	<2	<1	<1	2
B 163442	<2	48	6	4	.6	3	3	5673	3.00	<5	<10	<4	2	22	<.4	<5	<5	16	9.91	.011	8	6	4.08	55	<.01	.28	.02	.15	<4	8	<2	10	3	<1	1	1
B 163443	<2	24	6	6	<.5	2	3	6143	2.94	<5	<10	<4	2	21	<.4	<5	<5	11	10.88	.018	7	5	4.75	53	<.01	.18	.03	.10	<4	4	<2	8	2	<1	1	1
B 163444	<2	15	<5	3	<.5	3	3	6266	3.26	<5	<10	<4	<2	24	<.4	<5	<5	12	11.12	.015	7	5	4.92	43	<.01	.19	.03	.09	<4	5	<2	12	2	<1	1	1
B 163445	<2	11	5	6	<.5	2	3	4973	2.45	<5	<10	<4	<2	20	<.4	<5	<5	6	9.12	.014	7	6	4.30	38	<.01	.11	.02	.06	5	6	<2	7	<2	<1	<1	1
B 163446	<2	10	7	5	<.5	2	4	3870	1.93	<5	<10	<4	<2	18	<.4	<5	<5	4	7.15	.011	6	6	3.41	23	<.01	.08	.02	.04	<4	5	<2	5	<2	<1	<1	1
B 163447	<2	7	<5	7	<.5	2	5	4932	2.39	<5	<10	<4	<2	25	<.4	<5	<5	5	8.93	.013	7	4	4.26	34	<.01	.11	.02	.05	<4	6	<2	6	<2	<1	<1	2
B 163448	<2	94	7	8	<.5	10	9	4316	2.53	<5	<10	<4	5	36	<.4	<5	6	42	8.04	.032	20	28	4.20	246	.09	2.96	.03	1.64	4	27	<2	10	4	<1	4	3
STANDARD CT3/AU-R	23	62	38	158	5.7	40	12	893	4.18	48	11	4	26	223	21.3	22	15	139	1.58	.100	27	248	.91	981	.38	7.12	1.75	1.83	29	46	17	15	16	4	9	451
STANDARD G-1	<2	5	20	49	<.5	8	5	756	2.73	<5	<10	<4	6	729	<.4	<5	<5	61	2.69	.086	29	91	.76	1001	.25	8.25	2.50	2.91	<4	8	<2	14	16	1	5	1

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

PROPERTY BOUNDARY

White Limestone

Dark Grey Siltstone

Tan-Orange Weathering Grey Dolomite

Grey Dolomite

Hematitic Breccia

Thin Bedded Dolomite

Foliated Dolomite

Tan Weathering Grey Siltstone

Dark Grey Slatey Siltstone

Chlorite Breccia

Pyramid Creek

3700

3800

4000

5000

5600

14 CARBONATE BRECCIA
Commonly heterolithic, clasts 3cm to 30 cm. Creamy white dolomitic matrix most common. Minor sulfides.

12 HEMATITIC BRECCIA
Commonly heterolithic, clasts 3mm to 3 m, widely ranging clast size in same outcrop common. Clast type highly variable but often grey dolostone, thinly bedded siltstone and maroon siltstones. Occasional trace amounts of magnetite and specularite.

11 CHLORITIC BRECCIA
Commonly heterolithic, clasts 3mm to 2.5 m. Maroon and hematitic breccia clasts common with grey dolostone and, thinly bedded siltstone clasts. Specularite, pyrite and chalcopyrite are common. Occasional trace amounts of magnetite.

10 THIN BEDDED GREY DOLOMITE
Medium to light grey, thin composition bands parallel to foliation. Alternating silty and fine sandy layers forming bands.

9 HIGHLY FOLIATED GREY DOLOMITE
Similar to Unit 10 except well developed foliation cross cuts bedding. Occasional jasperoid interbeds.

8 DARK GREY SILTSTONES (Slatey)
Medium to dark grey, fine grained, bedded, with weak to moderately well developed foliation. Locally having a slate-like foliation although generally shale. Located on south end of survey.
8a Tan weathering grey siltstone

7 TAN–ORANGE WEATHERING GREY DOLOMITE
Fine grained, light to medium grey, with orange to dark orange or tan weathered surface. Occasional brecciation and fracturing.
7a Grey Dolomite weathers grey, otherwise similar to above.

6 GREY DOLOMITE
Fine grained, light grey, generally massive but locally thinly laminated. Weathers light grey.
6a Highly silicified dolomite.

5 DARK GREY SILTSTONE
Medium to dark grey, thinly bedded, fine grained. Varies from grey to locally brown in colour. Located in the north end of the survey area. At the base (?) of Unit 7.
5a Brown shale

4 PINK DOLOMITE
Massive, fine grained, pink sandy, possibly K–spar altered. Spatially located near breccias.

3 MAFIC INTRUSIVES
Generally dark green, fine to medium grained, often as irregularly shaped bodies. Chlorite is common, although medium to fine grained varieties occur withought chlorite. Chalcopyrite on fractures in or near intrusives more frequent than distant outcrops.
3a Diorite

2 WHITE LIMESTONE
Fine grained, white coloured, white to grey weathering. Locally vuggy. Calcite crystals common on fratures. Located in the northwest of survey area.

1 MAROON SILTSTONE
Fine grained, maroon, occasional bedded. Often as clasts in breccia, frequently within hematitic breccias. Possible hematitic alteration of dolostone or locally possible extrusive (?) Occasional trace magnetite.
1a Shale

(het) (dol) (siltstone) Breccia fragment lithology – heterolithic, dolomite, siltstone
MAL , AZ, CP Malachite, Azurite, Chalcopyrite
PY, MT, SPEC, HEM Pyrite, Magnetite, Specularite, Hematite
clst brx Clast supported breccia
mat brx Matrix supported breccia
chl , qtz Chlorite, Quartz
lt , med , dk Light, Medium, Dark in colour
brn Brown
vn , vnlt Vein, Veinlet
TR Trace amount

Attitudes: Foliation, Bedding
Contact– U unconformity
Breccia Complex contact
Fault
1997 Diamond Drill Hole
X Mineralization
Claim Post, Claim Number

FIGURE 4

MAJOR GENERAL RESOURCES LTD.

Olympic Property - Yukon Territory

GEOLOGY MAP

N.T.S.		Scale	1 : 5000
Data	S. Butler, G. Gill	Date	28/10/97
File	97–903–RddSB–4	Revised	14/1/98

To accompany report by S. Butler Nov. 1997

Contour Interval = 100 feet

500 M

093700

584000 585000 586000 587000

PROPERTY BOUNDARY

7201000 7200000 7199000 7198000 7197000 7196000

5000

White Limestone

Dark Grey Siltstone

Siltstone

Tan-Orange Weathering Grey Dolomite

White Limestone

Siltstone

Siltstone

Siltstone

Tan-Orange Weathering Grey Dolomite

Siltstone

Siltstone

Siltstone

Siltstone

Siltstone

Dolomite

Diorite

Siltstone

Siltstone

Grey Dolomite

Hematitic Breccia

Diorite

Dolomite

Hematitic Breccia

Hematitic Breccia

Hematitic Breccia

Hematitic Breccia

Hematitic Breccia

Diorite

Diorite

Diorite

Chlorite Breccia

Thin Bedded Dolomite

Thin Bedded Dolomite

Diorite

Chlorite Breccia

Foliated Dolomite

Tan Weathering Grey Siltstone

Chlorite Breccia

Dark Grey Slatey Siltstone

Camp

LALA 77-1

LALA 77-2

97-1 97-2 97-3 97-4 97-5 97-5a 97-5b 97-5c 97-6 97-7

U

z = 100 z = 50 z = 25 z = 200

58000 58300

83,000 N 82,000 N 81,000 N 79,000 N 78,000 N

9500 W 9200 W 8900 W 8600 W 8300 W 8000 W 7700 W 7400 W 7100 W 6800 W 6500 W BL 80,000 N

1997 Survey a=50 n=8

1997 Survey a=50 n=1-12

1996 Survey a=100 n=1-6

CHARGEABILITY ZONE

- Strong
- Moderate
- Weak
- Closed
- Open
- At Depth
- ≥ 25 Interpreted Depth

58300 Magnetic Response (gammas)

Contact, Breccia Complex Boundary

Fault

093700

FIGURE 4a

MAJOR GENERAL RESOURCES LTD.

Olympic Property - Yukon Territory

GEOCOMPILATION MAP

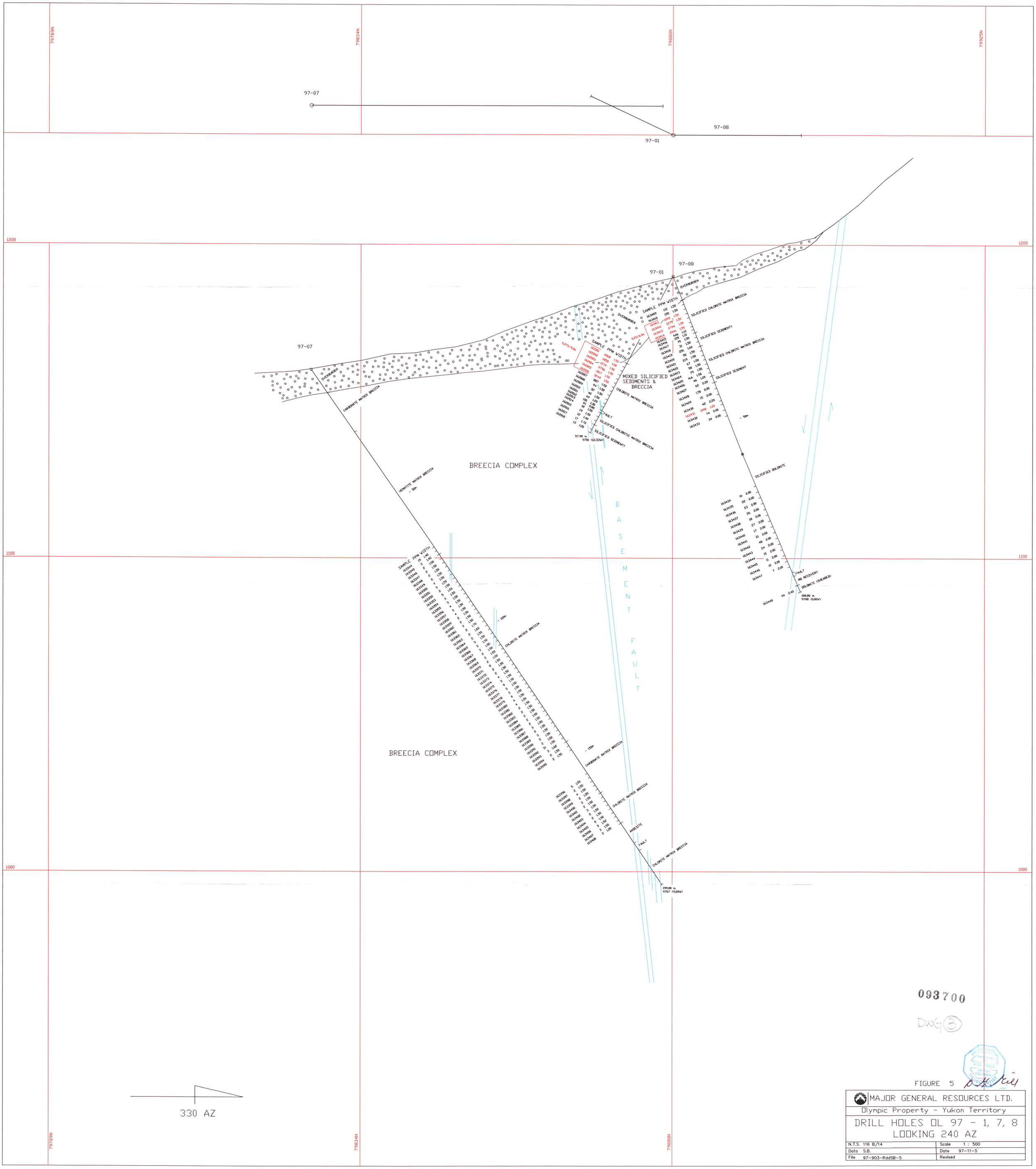
N.T.S.		Scale	1 : 5000
Data	S. Butler	Date	28/10/97
File	97-903-RddSB-4a	Revised	13/02/98

To accompany report by S. Butler Dec. 1997

CONTOUR INTERVAL 500 FEET

500 M

D0698



093700

DWG 3

FIGURE 5

MAJOR GENERAL RESOURCES LTD.

Olympic Property - Yukon Territory

DRILL HOLES OL 97 - 1, 7, 8
LOOKING 240 AZ

N.T.S. 116 B/14	Scale 1 : 500
Data S.B.	Date 97-11-5
File 97-903-RddSB-5	Revised

79300N 79400N 79500N 79600N 79700N 79800N

8300W 8300W

1150 1150

1100 1100

1000 1000

900 900

800 800

700 700

600 600

97-02

Carbonate Matrix
Breccia Outcrop

97-02

Pyramid Creek

OVERBURDEN

CARBONATE MATRIX BRECCIA

- 50m

HEMATITE BRECCIA

BRECCIA

CARBONATE MATRIX BRECCIA

- 100m

FAULT

CARBONATE MATRIX BRECCIA

FAULT

CARBONATE MATRIX BRECCIA

- 150m

FAULT

- 200m

CARBONATE MATRIX BRECCIA

BRECCIA

- 250m

INTRUSIVE MONZONITE
CHLORITE MATRIX BRECCIA

DIORITE

FAULT

CHLORITE MATRIX BRECCIA

DIORITE - 350m

CHLORITE MATRIX BRECCIA

INTRUSIVE?

CHLORITE MATRIX BRECCIA

DIORITE

- 350m

CHLORITE MATRIX BRECCIA

- 400m

HEMATITE MATRIX BRECCIA

- 450m

CHLORITE MATRIX BRECCIA

- 500m

DIORITE

THIN BEDDED DOLOMITE

- 550m

CARBONATE VEIN

THIN BEDDED DOLOMITE

SILICIFIED DOLOMITE
MONZONITE

SILICIFIED DOLOMITE

594.10 m.
9702 (0.00V)

SAMPLE PPM WIDTH

162819 11 1.50
162820 8 1.50
162821 38 1.50
162822 9 1.50
162823 7 1.50
162824 76 1.50
162825 15 1.50
162826 79 1.50
162827 58 1.50
162828 62 1.50
162829 67 1.50
162830 14 1.50
162831 18 1.50
162832 11 1.50
162833 4 1.50
162834 11 1.50
162835 43 1.50
162836 38 1.50
162837 69 1.50
162838 103 1.50
162839 18 1.50
162840 28 1.50
162841 57 1.50
162842 56 1.50
162843 35 1.50
162844 73 1.00
162845 91 1.50
162846 886 1.50
162847 90 1.50
162848 61 1.50
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163200 3 1.50
163201 2 1.50
163202 3 1.50
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163209 2 1.50
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163250 3 1.50
163251 2 1.50
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163298 3 1.50
163299 2 1.50
163300 3 1.50
163301 2 1.50
163302 3 1.50
163303 2 1.50
163304 3 1.50
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163306 3 1.50
163307 2 1.50
163308 3 1.50
163309 2 1.50
163310 3 1.50
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163316 3 1.50
163317 2 1.50
163318 3 1.50
163319 2 1.50
163320 3 1.50
163321 2 1.50
163322 3 1.50
163323 2 1.50
163324 3 1.50
163325 2 1.50
163326 3 1.50
163327 2 1.50
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163329 2 1.50
163330 3 1.50
163331 2 1.50
163332 3 1.50
163333 2 1.50
163334 3 1.50
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163337 2 1.50
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163376 3 1.50
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163397 2 1.50
163398 3 1.50
163399 2 1.50
163400 3 1.50
163401 2 1.50
163402 3 1.50
163403 2 1.50
163404 3 1.50
163405 2 1.50
163406 3 1.50
163407 2 1.50
163408 3 1.50
163409 2 1.50
163410 3 1.50
163411 2 1.50
163412 3 1.50
163413 2 1.50
163414 3 1.50
163415 2 1.50
163416 3 1.50
163417 2 1.50
163418 3 1.50

355 AZ

093700

DWG (4)

PROFESSIONAL ENGINEER
PROVINCE OF B.C.
D.G. GILL
BRITISH COLUMBIA

FIGURE 6

MAJOR GENERAL RESOURCES LTD.

Olympic Property - Yukon Territory

DRILL HOLE OL 97-2
LOOKING 265 AZ

N.T.S. 116 B/14	Scale 1 : 1000
Data S.B.	Date 97-11-5
File 97-903-RddSB-6	Revised

797000N
798000N
799000N
800000N
801000N
8150W
1150
1100
1000
900
800
700
97-03
97-03
OVERBURDEN
DOLOMITE
- 50m
DIORITE
FAULT
- 100m
DIORITE
SILICIFIED DOLOMITE
DIORITE
CHLORITE MATRIX BRECCIA
DOLOMITE
- 150m
CARBONATE MATRIX BRECCIA
- 200m
CHLORITE MATRIX BRECCIA
CARBONATE MATRIX BRECCIA
- 250m
HEMATITE MATRIX BRECCIA
FAULT
CARBONATE MATRIX BRECCIA
HEMATITE MATRIX BRECCIA
- 300m
DIORITE
CHLORITE MATRIX BRECCIA
DIORITE + MAGNETITE
350m
DOLOMITE
DIORITE
CHLORITE MATRIX BRECCIA
DIORITE + MAGNETITE
FAULT QUARTZ-CARBONATE VEIN
FAULT
DIORITE
408.40 m.
9703 (0.00E)
BASEMENT FAULT
355 AZ
093700
Dwg (5)
FIGURE 7
MAJOR GENERAL RESOURCES LTD.
Olympic Property - Yukon Territory
DRILL HOLE OL 97-3
LOOKING 275 AZ
N.T.S. 116 B/14
Data S.B.
File 97-903-RddSB-7
Scale 1 : 1000
Date 97-11-5
Revised

79332N
79375N
79418N
79462N
79505N

1200
1100
1000
900
800
700

97-04

DIORITE
CARBONATE MATRIX BRECCIA
BRECCIA
BRECCIA
BASEMENT FAULT

97-04

SAMPLE PPM WIDTH SAMPLE PPM WIDTH

OVERBURDEN
CHLORITE MATRIX BRECCIA
DIORITE
CARBONATE MATRIX BRECCIA
- 50m
CHLORITE MATRIX BRECCIA
- 100m
CARBONATE MATRIX BRECCIA
HEMATITE MATRIX BRECCIA
CHLORITE MATRIX BRECCIA
DIORITE
CARBONATE MATRIX BRECCIA
FAULT 150m
SANDSTONE
FAULT
CHLORITE MATRIX BRECCIA
CARBONATE MATRIX BRECCIA
CHLORITE MATRIX BRECCIA
MARGIN SEDIMENT
- 200m
HEMATITE MATRIX BRECCIA
CHLORITE MATRIX BRECCIA
QUARTZ-CARBONATE VEIN
- 290m
CHLORITE MATRIX BRECCIA
FAULT
CHLORITE MATRIX BRECCIA
CARBONATE MATRIX BRECCIA
HEMATITE MATRIX BRECCIA
- 300m
CHLORITE MATRIX BRECCIA
DOLOMITE
- 350m
CHLORITE MATRIX BRECCIA
CARBONATE MATRIX BRECCIA
- 400m
CHLORITE MATRIX BRECCIA
CARBONATE MATRIX BRECCIA
CHLORITE MATRIX BRECCIA
CARBONATE BRECCIA
CHLORITE MATRIX BRECCIA
- 450m
460.00 m.
9704 (0.00E)

325 AZ

093700

Dwg 6

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D.G. GILL
GEOSCIENTIST

FIGURE 8

MAJOR GENERAL RESOURCES LTD.

Olympic Property - Yukon Territory

DRILL HOLE OL 97-4

LOOKING 235 AZ

N.T.S. 116 B/14	Scale 1 : 1000
Data S.B.	Date 97-11-5
File 97-903-RddSB-8	Revised

80298N | 80385N | 80472N | 80558N | 80645N | 80731N

9705c | 9705c

9705b | 9705b

9705a | 9705a

9705 | 9705

Chalcopyrite Located offsection
30 m to west projects here

0.12%/2.8m

9705c | 9705b | 9705a | 9705

1153 | 1100 | 1000 | 900 | 800

SAMPLE PPM WIDTH
162938 1621 0.92
162939 1764 0.90
162940 230 1.50
162941 1893 1.50
162942 327 1.50
162943 87 1.50
162944 45 1.50
162945 86 1.50
162946 274 1.50
162947 227 1.50
162948 46 1.50
162949 31 1.50
162950 19 1.50
162951 174 1.50
162952 232 1.20
162953 32 1.50
162954 9 1.50
162955 39 1.50
162956 11 1.50
162957 13 1.50
162958 11 1.50
162959 10 1.50
162960 22 1.50
162961 12 1.50
162962 10 1.50
162963 16 1.50
162964 21 1.50
162965 21 1.50
162966 18 1.50
162967 6 1.50
162968 11 1.50
162969 3 1.50
162970 9 1.50
162971 9 1.50
162972 81 1.50
162973 83 1.50
162974 60 1.50
162975 17 1.50
162976 15 1.50
162977 26 1.50
162978 106 1.50
162979 10 1.50
162980 6 1.50
162981 12 1.50
162982 164 1.50
162983 13 1.50
162984 48 1.50
162985 113 1.10
162986 19 1.50
162987 86 1.50
162988 15 1.50
162989 21 1.10
162990 12 1.50
162991 50 1.50
162992 15 1.50
162993 33 1.50
162994 38 1.50
162995 26 1.50
162996 20 1.50
162997 59 1.50
162998 102 1.50
162999 411 1.40
163001 28 1.50
163003 5 1.50
163005 8 1.50
163007 12 1.50
163009 13 1.50
163011 15 1.50
163013 7 1.50
163015 5 1.50
163017 3 1.50
163019 4 1.50
163021 4 1.50
163023 7 1.50
163025 9 1.50
163027 4 1.50
163029 5 1.50
163031 9 1.50
163033 26 1.50
163035 12 1.50
163037 6 1.50
163039 5 1.50
163041 7 1.50
163043 4 1.50
163045 3 1.50
163047 5 1.50
163049 14 1.50
163051 35 1.50
163053 20 1.50
163055 6 1.50
163057 13 1.50
163059 7 1.50
163061 4 1.50
163063 12 1.50
163065 54 1.50
163067 14 1.50
163069 35 1.50
163071 20 1.50
163073 6 1.50
163075 13 1.50
163077 7 1.50
163079 4 1.50
163081 12 1.50
163083 57 1.50
163085 15 1.50
163087 28 1.50
163089 35 1.50
163091 30 1.50
163093 22 1.50
163095 22 1.50
163097 12 1.50
163099 20 1.40
163101 79 1.50
163103 6 1.50
163105 18 1.50
163107 9 1.40
163109 18 1.50
163111 96 1.50
163113 37 1.50
163115 62 1.50
163117 34 1.50
163119 84 1.50
163121 62 1.50
163123 69 1.50
163125 45 1.50
163127 32 1.50
163129 30 1.50
163131 89 1.50
163133 62 1.50
163135 85 1.50
163137 62 1.50
163139 14 1.50
163141 11 1.90
163143
163145
163147
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163159
163161
163163
163165
163167
163169
163171
163173
163175
163177
163179
163181
163183
163185

SAMPLE PPM WIDTH
162902 730 1.50
162903 1858 1.50
162904 1195 1.50
162905 47 1.50
162906 220 1.50
162907 109 1.50
162908 69 1.50
162909 176 1.50
162910 29 1.50
162911 132 1.50
162912 215 1.50
162913 310 1.50
162914 36 1.50
162915 30 1.50
162916 186 1.50
162917 194 1.20
162918
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162928
162929
162930
162931
162932
162933
162934
162935
162936
162937
162938
162939

SAMPLE PPM WIDTH
162340 32 1.50
162342 9 1.50
162344 39 1.50
162346 11 1.50
162348 13 1.50
162350 11 1.50
162352 10 1.50
162354 22 1.50
162356 12 1.50
162358 10 1.50
162360 16 1.50
162362 21 1.50
162364 21 1.50
162366 18 1.50
162368 6 1.50
162370 11 1.50
162372 3 1.50
162374 9 1.50
162376 9 1.50
162378 81 1.50
162380 60 1.50
162382 17 1.50
162384 15 1.50
162386 26 1.50
162388 106 1.50
162390 10 1.50
162392 6 1.50
162394 12 1.50
162396 164 1.50
162398 13 1.50
163000 48 1.50
163002 113 1.10
163004 19 1.50
163006 86 1.50
163008 15 1.50
163010 21 1.10
163012 12 1.50
163014 50 1.50
163016 15 1.50
163018 33 1.50
163020 38 1.50
163022 26 1.50
163024 20 1.50
163026 59 1.50
163028 102 1.50
163030 411 1.40
163032 28 1.50
163034 5 1.50
163036 8 1.50
163038 12 1.50
163040 13 1.50
163042 15 1.50
163044 7 1.50
163046 5 1.50
163048 3 1.50
163050 4 1.50
163052 4 1.50
163054 7 1.50
163056 9 1.50
163058 4 1.50
163060 5 1.50
163062 9 1.50
163064 26 1.50
163066 12 1.50
163068 6 1.50
163070 5 1.50
163072 10 1.50
163074 3 1.50
163076 8 1.50
163078 6 1.50
163080 23 1.50
163082 27 1.50
163084 7 1.50
163086 28 1.50
163088 45 1.50
163090 7 1.50
163092 10 1.50
163094 6 1.50
163096 4 1.20
163098 12 1.50
163100 54 1.50
163102 14 1.50
163104 35 1.50
163106 20 1.50
163108 6 1.50
163110 13 1.50
163112 7 1.50
163114 4 1.50
163116 19 1.50
163118 57 1.50
163120 15 1.50
163122 28 1.50
163124 35 1.50
163126 30 1.50
163128 22 1.50
163130 22 1.50
163132 12 1.50
163134 20 1.40
163136 79 1.50
163138 6 1.50
163140 18 1.50
163142 9 1.40
163144 18 1.50
163146 96 1.50
163148 37 1.50
163150 62 1.50
163152 34 1.50
163154 84 1.50
163156 62 1.50
163158 69 1.50
163160 45 1.50
163162 32 1.50
163164 30 1.50
163166 89 1.50
163168 62 1.50
163170 85 1.50
163172 62 1.50
163174 14 1.50
163176 11 1.90
163178
163180
163182
163184
163186

21.60 m.
9705a (32.12E)

54.90 m.
9705 (51.61E)

62.20 m.
9705b (8.36E)

37.90 m.
9705c

OVERBURDEN
JASPEROID
DOLOMITE
HEMATITE MATRIX BRECCIA
CARBONATE MATRIX BRECCIA
- 50m
SILICIFIED DOLOMITE
DOLOMITE
FAULT
DOLOMITE
BRECCIA
B A S E M E N T F A U L T
MIXED DOLOMITE
& SILTSTONE (often silicified)
- 150m
SILTSTONE
SILICIFIED DOLOMITE
SILTSTONE - 150m
- 200m
SILICIFIED DOLOMITE
- 250m
SILTSTONE
SILICIFIED DOLOMITE
- 300m
LIMESTONE
HEMATITE ALTERED LIMESTONE
- 350m
DOLOMITE Orthogonally sheared

330 AZ

093700
DWG (7)

FIGURE 9

MAJOR GENERAL RESOURCES LTD.

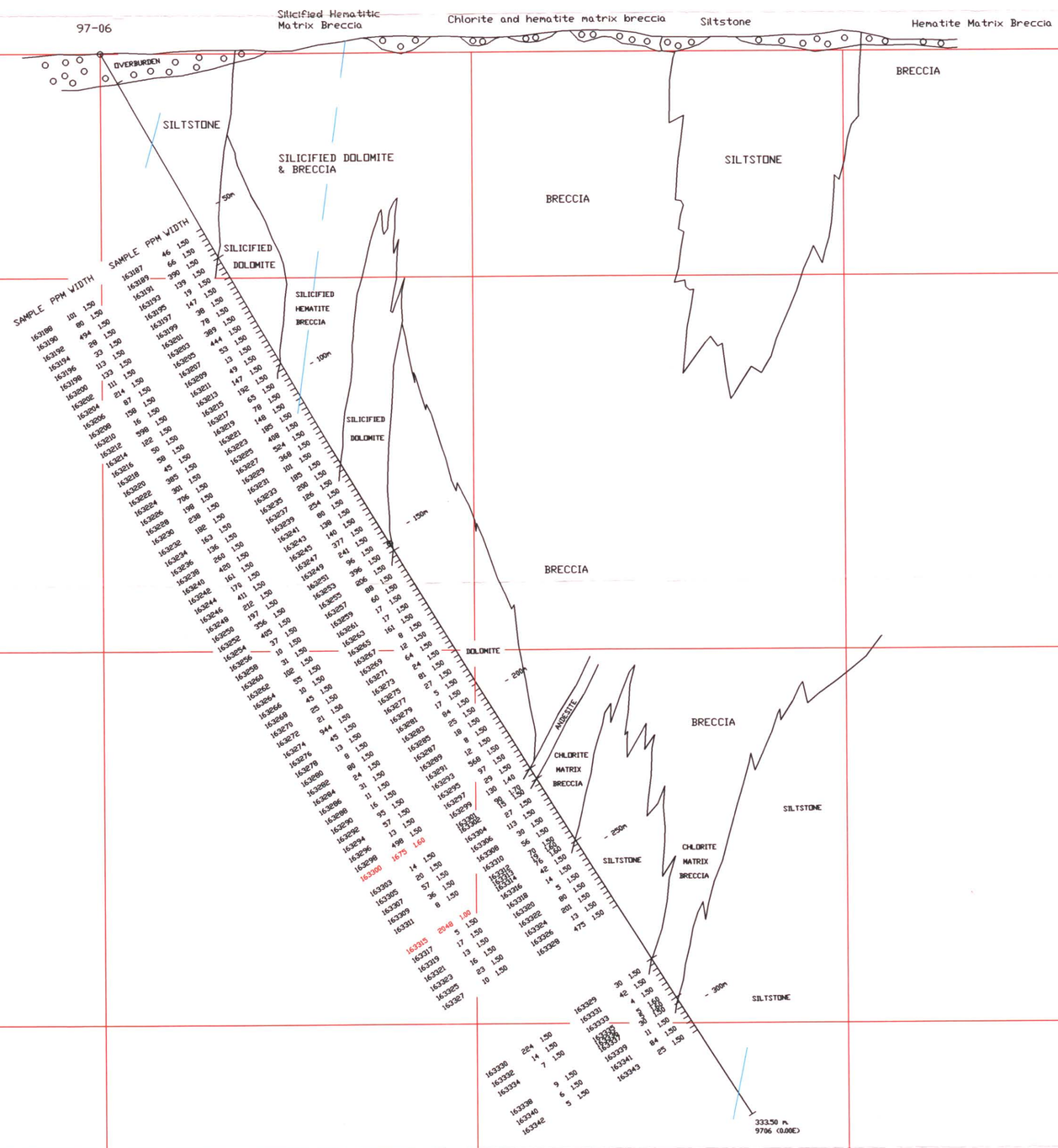
Olympic Property - Yukon Territory

DRILL HOLES OL 97-5, 5A, 5B, 5C
LOOKING 240 AZ

N.T.S. 116 B/14	Scale 1 : 1000
Data S.B.	Date 97-11-5
File 97-903-RddSB-9	Revised

80246N | 80336N | 80425N | 80515N | 80604N | 80694N

97-06



1160 | 1100 | 1000 | 900 | 800

325 AZ

FIGURE 10

MAJOR GENERAL RESOURCES LTD.

Olympic Property - Yukon Territory

DRILL HOLE OL 97-6
LOOKING 235 AZ

N.T.S. 116 B/14	Scale 1 : 1000
Data S.B.	Date 97-11-5
File 97-903-RddSB-10	Revised

093700

DWG ⑧

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA D.G. GILL GEOPHYSICIST