ASSESSMENT REPORT

1995

Diamond Drilling

on the

Oro IV Claim

(Groups ORO95A - ORO95N)

SKEENA MINING DIVISION

LOCATED

15 KM EAST OF THE TOWN OF STEWART
AT RED MOUNTAIN
BRITISH COLUMBIA

CENTRED ON

LATITUDE: 55° 58' 00" NORTH
LONGITUDE: 129° 42' 30" WEST

NTS 103P/13W-13E, 104A/04W-04E

OWNER

1091064 ONTARIO LTD./
BARRICK GOLD CORP.

OPERATOR

LAC MINERALS LTD.

REPORT BY

MIKE SIEB

DATE: 05/14/95

SUMMARY

The Oro IV Claim Groups (NTS 103P/13W-13E, 104A/04W-04E) are located in the Skeena Mining District on the western margin of the Cambria Icefield, on the eastern flank of the Coast Range mountains of British Columbia approximately 15 km east of Stewart at Red Mountain. The claim groups are centred around Red Mountain, on latitude 55° 58' 00" North and longitude 129° 42' 30" West. The Oro IV Groups are comprised of 14 claim groups: Oro95A to Oro95N (See Appendix I for claim details). The Oro IV group area consists of 77 claims totaling 745 units. The group area covers approximately 16,000 hectares.

The Oro IV Claim Group is located near the western margin of the Stikine terrane in the Intermontane Belt. Three principal stratigraphic elements are recognized in Stikinia and are present in the Stewart area: (i) Middle and Upper Triassic clastic rocks of the Stuhini Group volcanic rocks and chert of the Stuhini Group, (ii) Lower and Middle Jurassic volcanic and clastic rocks of the Hazelton Group, and (iii) Upper Jurassic mudstone, siltstone, and sandstone of the Bowser Lake Group (Anderson, 1989; Greig et al., 1994a).

Red Mountain is underlain by folded Middle-Upper Triassic and Early Jurassic sedimentary and minor volcanic strata that are intruded by Early Jurassic plutons, sills, and dikes known as the Goldslide and Hillside intrusions. Hydrothermal alteration affects pre-Tertiary rocks on Red Mountain, including all phases of the Goldslide intrusions. The Red colour of the mountain results from the widespread development of iron oxides after disseminated and veinlet pyrite and pyrrhotite.

The majority of the ore resources at Red Mountain are contained within three semi-tabular to elliptical, shallow northwesterly plunging and southwest dipping pyrite stockwork zones: the Marc zone, the AV zone and the JW zone. The remaining ore resource is found in the AV/JW Tail Zone and the 141 Zone. The 1994 exploration program's main objective was to increase definition of the known zones and explore for more potential

The AV/JW Tail Zone lies to the west of the three main zones and is the down dip extension of the AV and JW zones. The 141 Zone is located 200 m southwest of the Marc and AV Zone at approximately the same elevation; to the south and 100 m above the AV/JW Tail zone.

Five diamond drill holes were drilled for assessment on the Oro IV Claim groups in 1994. One drill hole (MC94-202) was drilled to test the northwestern extent of the JW zone, two (MC94-203,204) the northwestern extent of the 141 zone, and two (MC94-223,224) the western and down-dip extension of the 141 zone. Drilling totalled 2,854.5 metres

MC94-202 was collared in well bedded, green cherty sediments, at the head of the Rio Blanco Creek, on the south cliffs. The only notable area of mineralization occurred between 104.0-190.0 metres in a moderately sericite altered Hornblende-Feldspar-Biotite Porphyry (HFBp) unit. The mineralization consisted of 1-3% pyrite, 1-2% pyrrhotite, and trace chalcopyrite as fine irregular

fracture fill and disseminations. There were only two distinguishable gold intervals intercepted: one from 104.0-110.0 metres which assayed 2.13 g/T Au over 6 metres and a one metre interval at 133.0 m producing a grade 16.26 g/T Au. Due to the elevation of the intersection and the lack, in presence, of the Goldslide intrusion, the gold values are believed to be a higher and related concentration of gold, but probably not the JW extension.

Hole MC94-203 intersected the 141 zone mineralization between 378.0-433.0 metres centred on 4810E and 1620m elevation approximately 100m (lower and eastward) point displacement from where projected. This places the ore intersection at the location projected for the AV/JW Tail zone. The mineralization and alteration is however characteristic of the 141 zone. The weighted average is 2.28 g/T Au over the entire 55 metres with the main 141 zone occurring between 402.6-408.6 grading 8.46 g/T Au over 6 meters.

Hole MC94-204 intersected a narrow, weak zone of gold mineralization between 503.5-508.5m in strongly sericitized, weakly bedded, very fine grained sediment. The weighted average for the intersection is 2.57 g/T Au over 5 metres. Spatial location, alteration, and mineralization support the claim that the intersection in hole MC94-204 is associated with the AV/JW Tail zone and not the 141 zone.

Hole MC94-223 intersected weak 141 zone mineralization between 350 and 403 metres depth. The highest Au assay graded 1.19 g/T over one metre at 351.0m. This intersection is believed to be the farthest western extremity of the 141 Ore Zone fluid's influence.

Diamond drill hole MC94-224 intersected unpatterned mineralization with all assays returning a value less than 0.25 g/T Au. Hole MC94-224 was drilled beyond the western extent of the 141 zone mineralization.

The most valuable information to be extracted from these five drill holes is the potential 125m extension in the strike length of the 141 zone inferred from the intersection in hole MC94-204. The intersection may represent the eastern edge of the zone and the main ore body may lie just to the west of the intersection. Therefore, the best area to focus on and increase the ore resource at Red Mountain, is within the 125m intervening distance along strike from the last known intersection.

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1.0 INTRODUCTION

The Oro IV Claim Groups (NTS 103P/13W-13E, 104A/04W-04E) are located in the Skeena Mining District on the western margin of the Cambria Icefield, on the eastern flank of the Coast Range mountains of British Columbia approximately 15 km east of Stewart at Red Mountain (Fig.1).

The claim groups are centred around Red Mountain, on latitude 55° 58' 00" North and longitude 129° 42' 30" West. Current access to the property is possible by a 10 minute helicopter flight from Stewart. An access road was constructed to within 4 km of the mountain in 1994. Future access may be provided by an aerial tram, from the end of the road, up the side of the mountain. The area is characterized by steep terrain and local elevations range from 550 m. at the toe of Bromley Glacier to 2129 m. at the peak of Red Mountain.

The area has a coastal climate. Snowfall is heavy due to high elevations, northern latitude and proximity to the ocean. In the Stewart area, mean annual snowfall ranges from 520 centimetres at sea level, 1,500 centimetres at 460 metres elevation (Bear Pass), and up to 2,250 centimetres at an elevation of 915 metres (Tide Lake Flats).

1.1 PROPERTY STATUS

The Oro IV Claim Groups are now 100%-owned by 1091064 Ontario Ltd. a wholly owned subsidiary of Barrick Gold Corporation, who acquired LAC Minerals Ltd. in 1994. The Oro IV Groups are comprised of 14 claim groups: Oro95A to Oro95N (See Appendix I for claim details). The Oro IV group area consists of 77 claims totaling 745 units. The group area covers approximately 16,000 hectares. Figures 2-16 reveal the location and disposition of the claims, respectively.

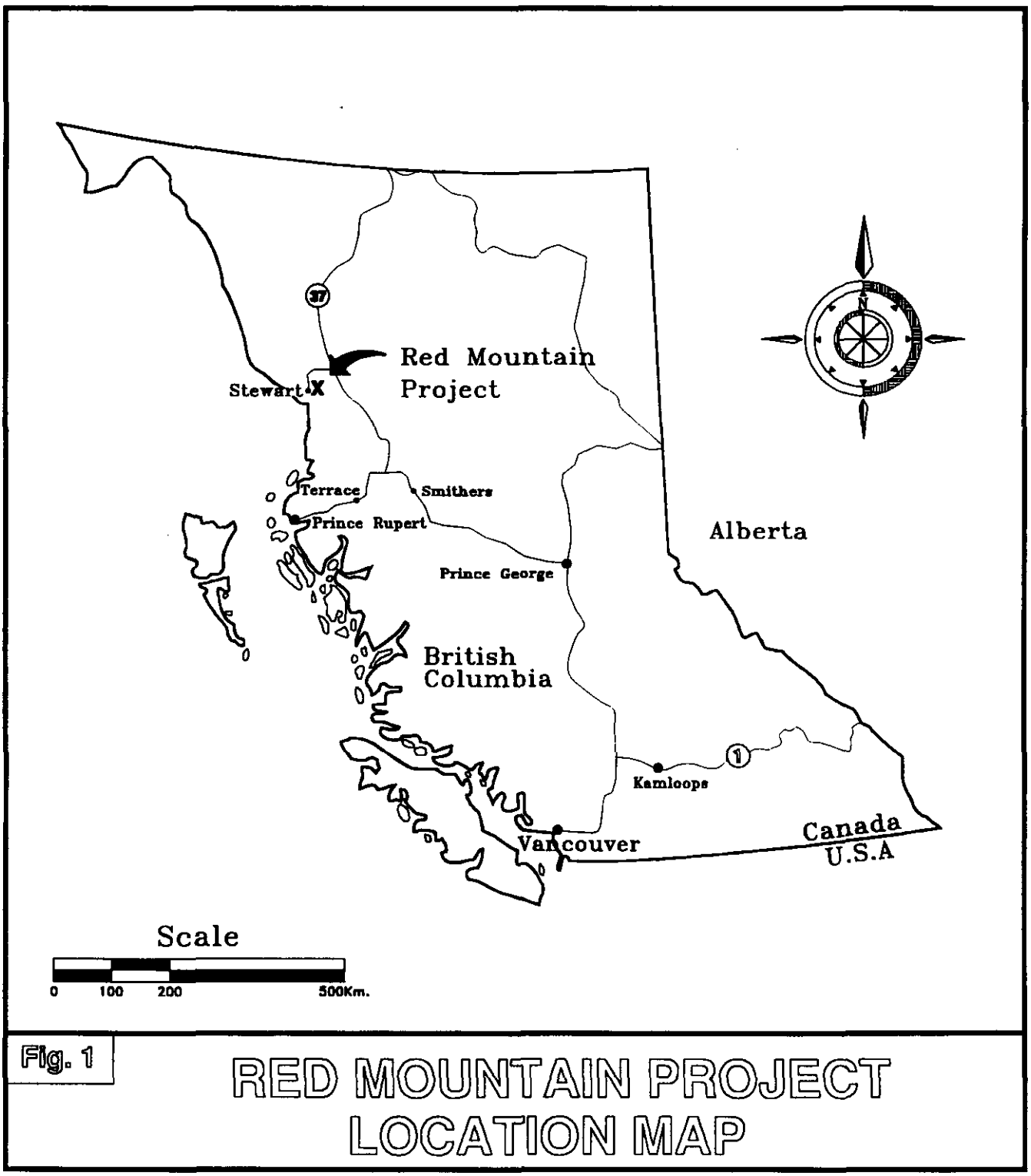


Fig. 1

RED MOUNTAIN PROJECT LOCATION MAP

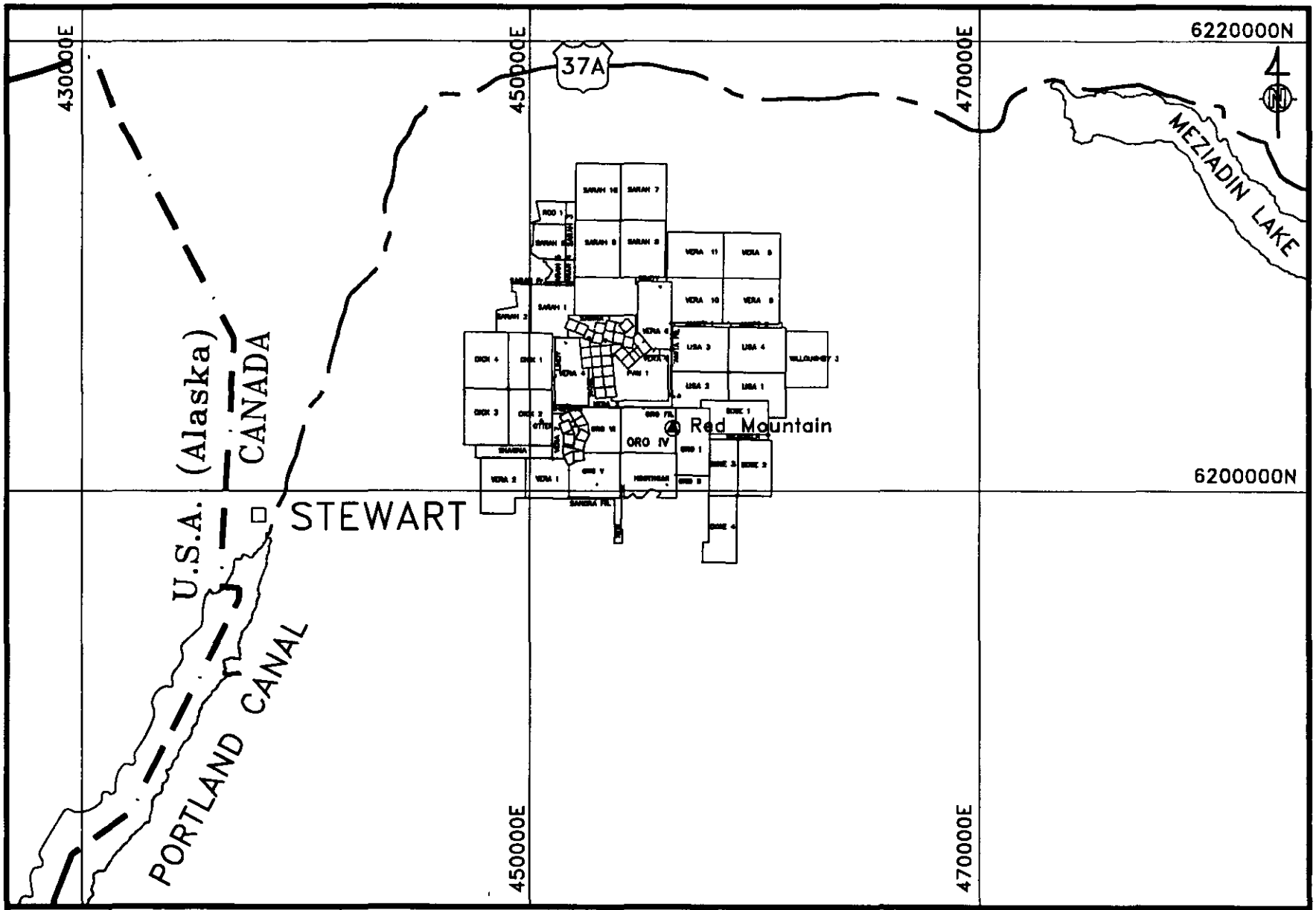
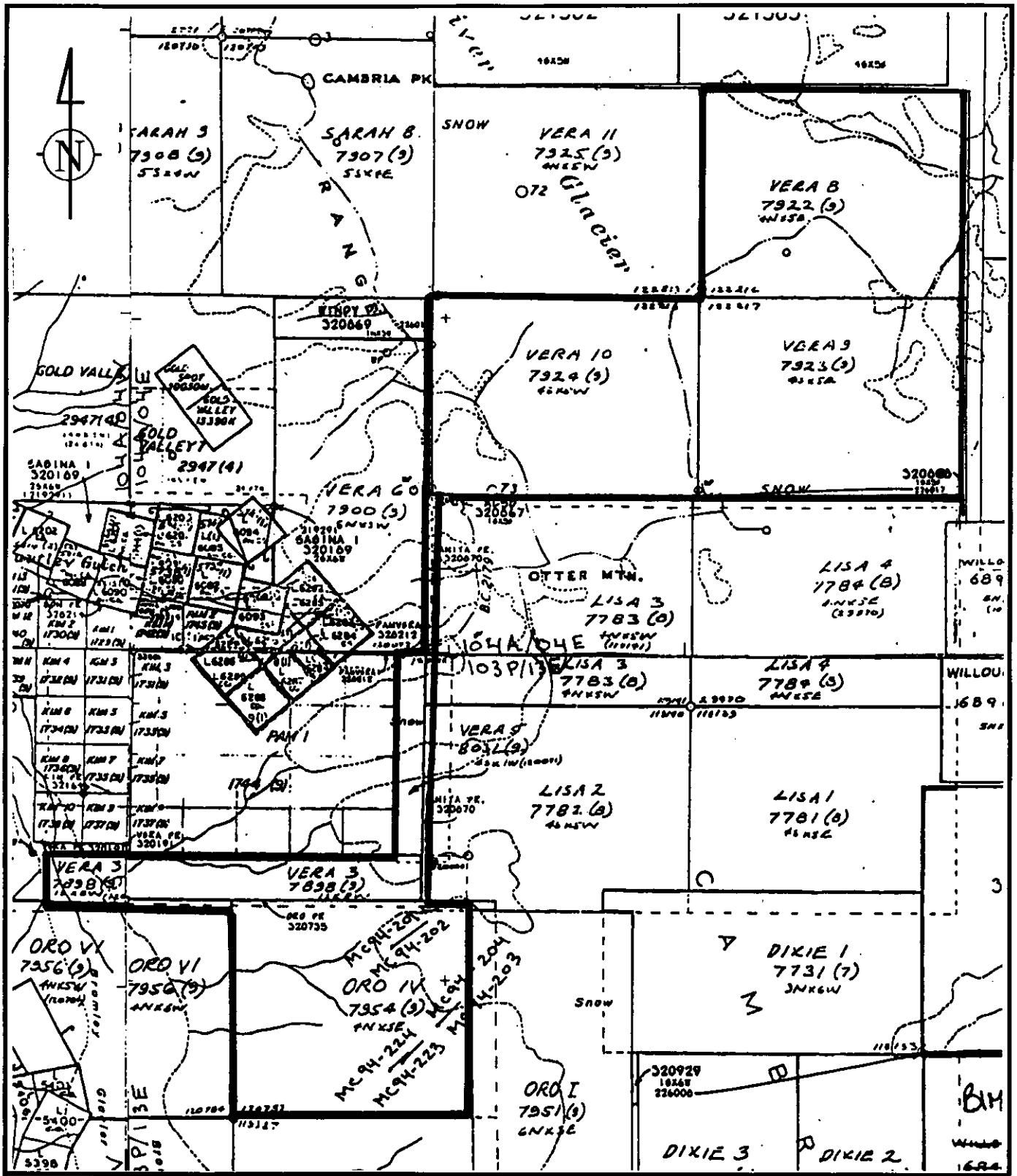


Fig. 2

ORO IV CLAIM GROUP AREA
LOCATION MAP

LAC MINERALS LTD.
RED MOUNTAIN PROJECT



OR095A Claim Group

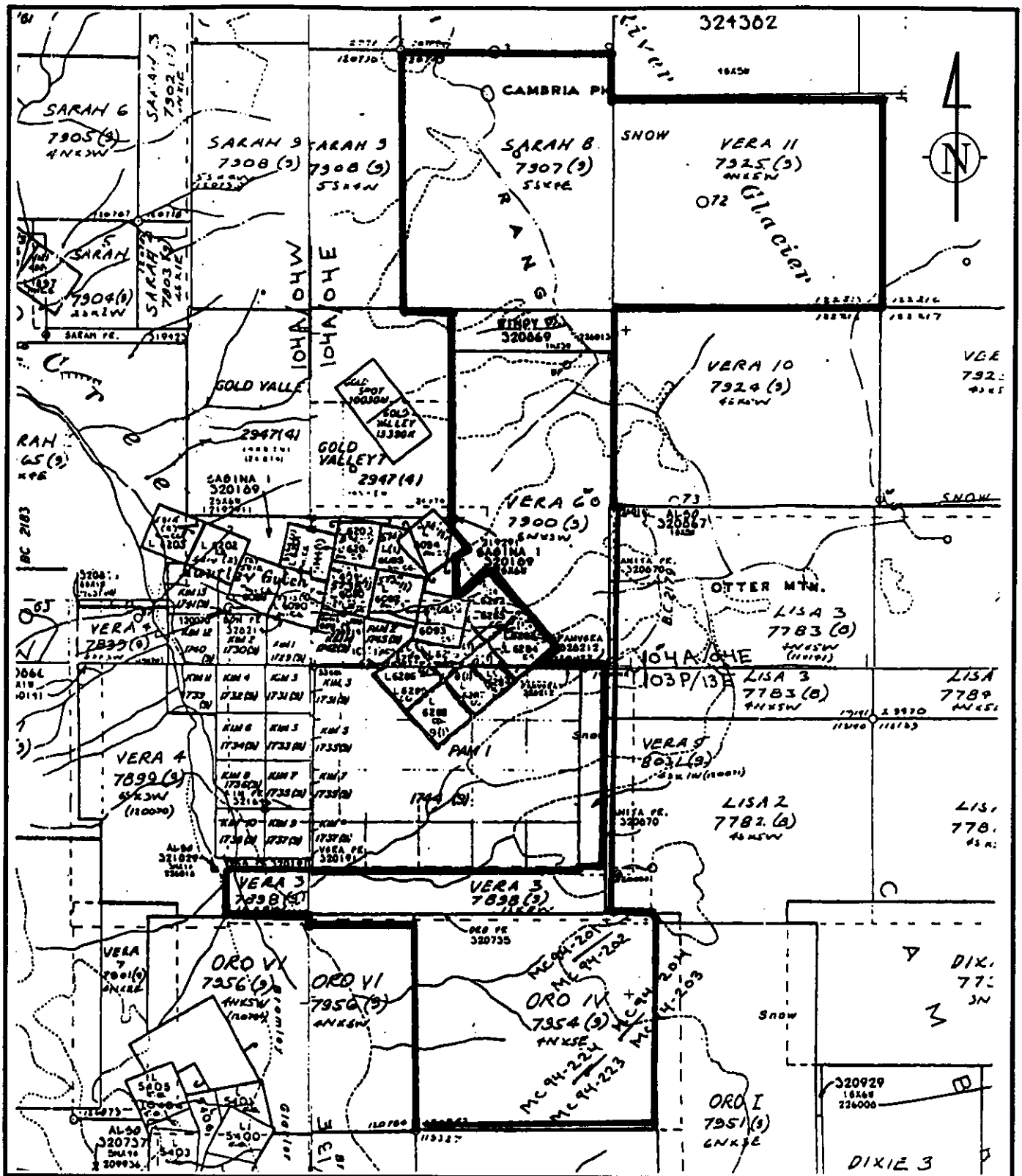
Ministry Claim Map

NTS 103P/13W-13E, 104A/04E

Fig. 3

RED MOUNTAIN PROJECT

Scale 1:50,000



OR095B Claim Group

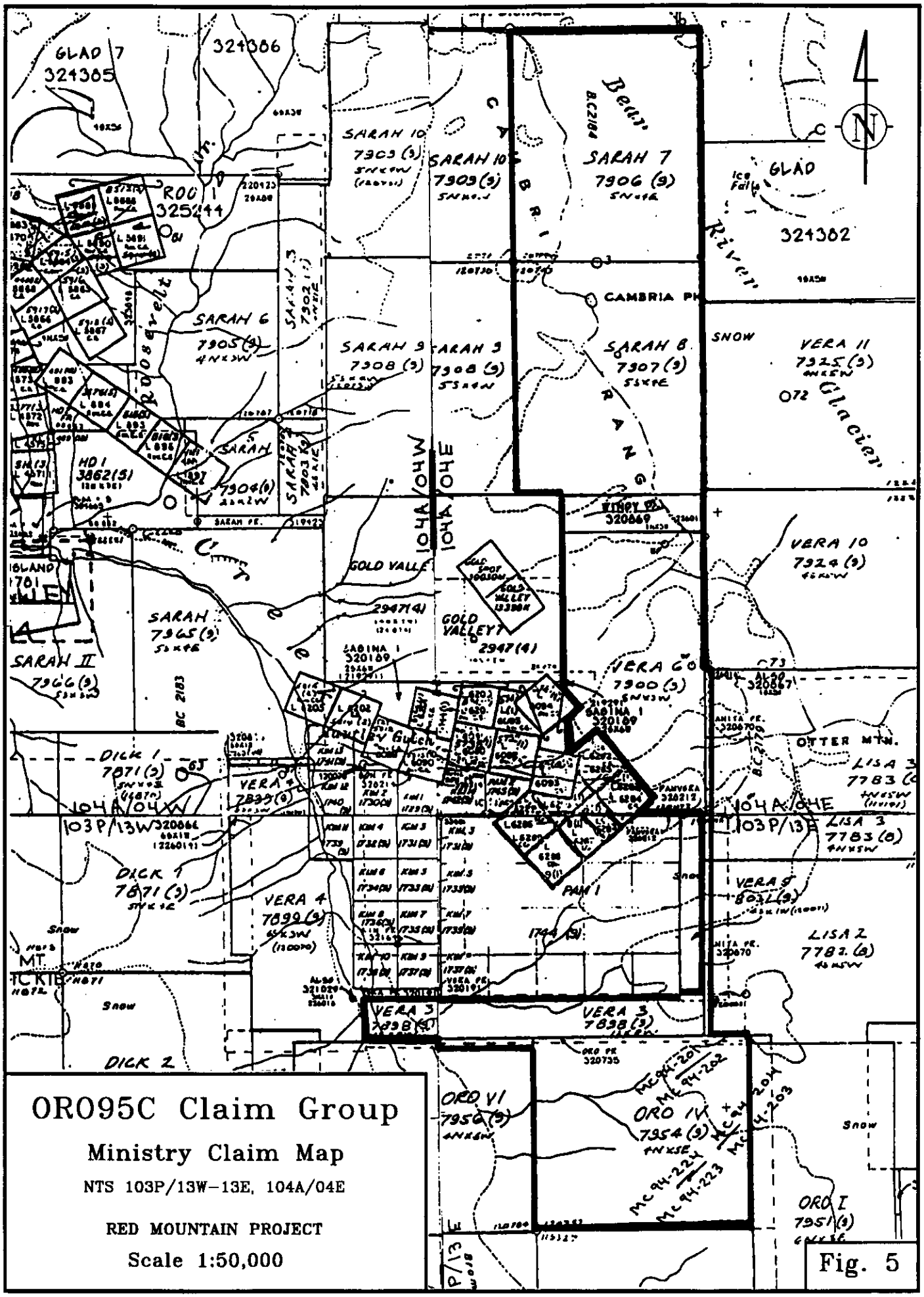
Ministry Claim Map

NTS 103P/13W-13E, 104A/04E

Fig. 4

RED MOUNTAIN PROJECT

Scale 1:50,000



OR095C Claim Group

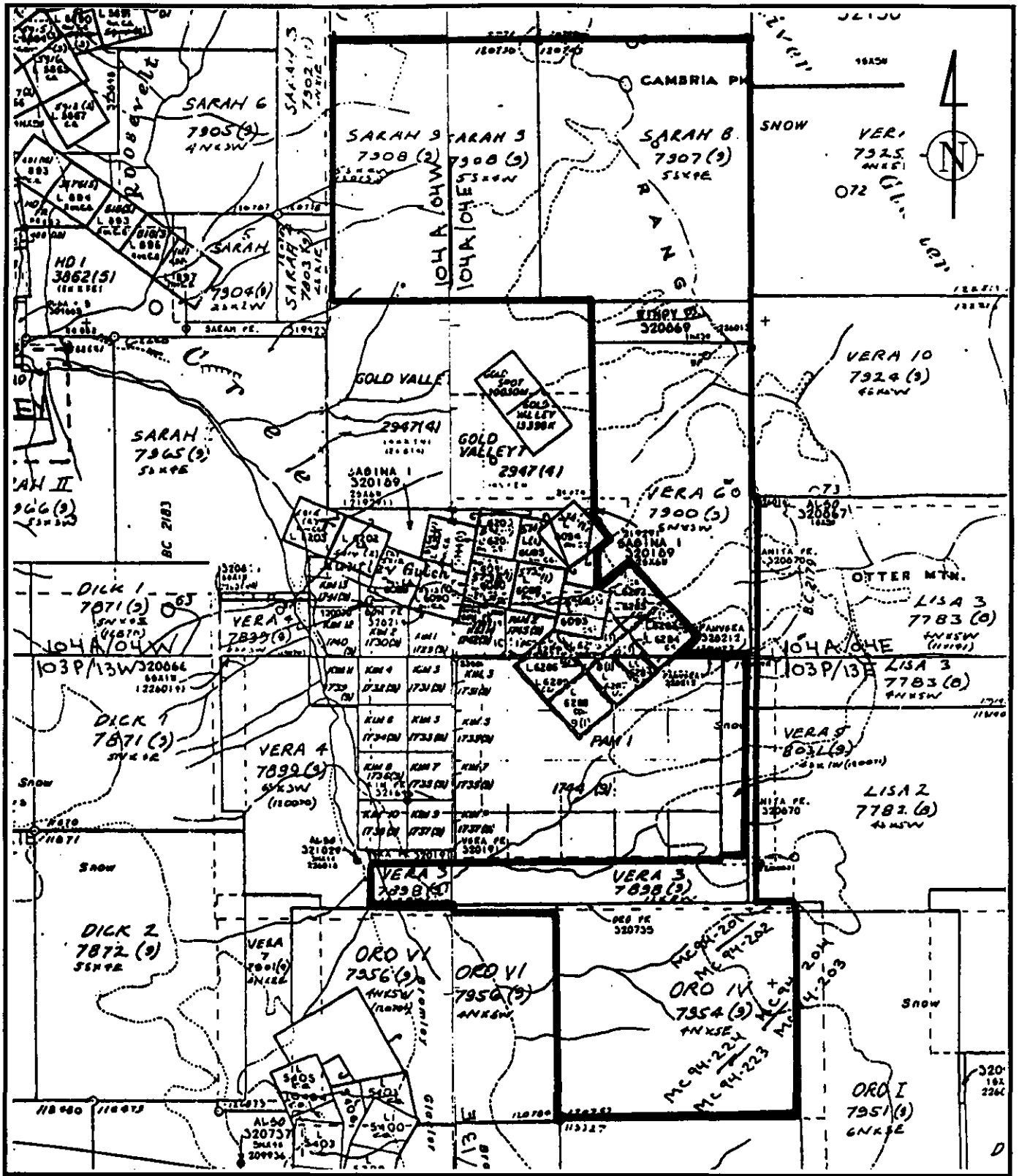
Ministry Claim Map

NTS 103P/13W–13E, 104A/04E

RED MOUNTAIN PROJECT

Scale 1:50,000

Fig. 5



OR095D Claim Group

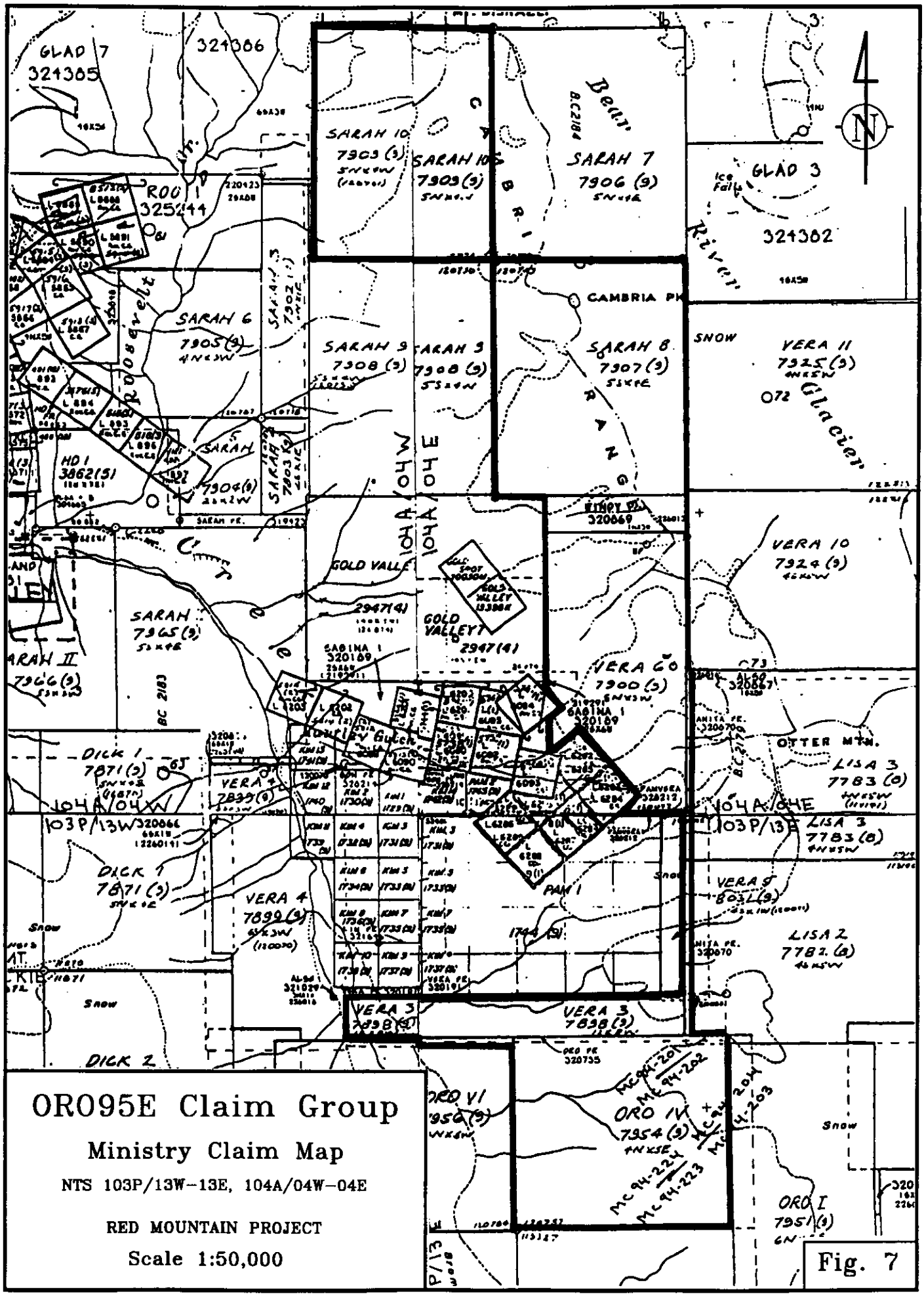
Ministry Claim Map

NTS 103P/13W-13E, 104A/04W-04E

Fig. 6

RED MOUNTAIN PROJECT

Scale 1:50,000



OR095E Claim Group

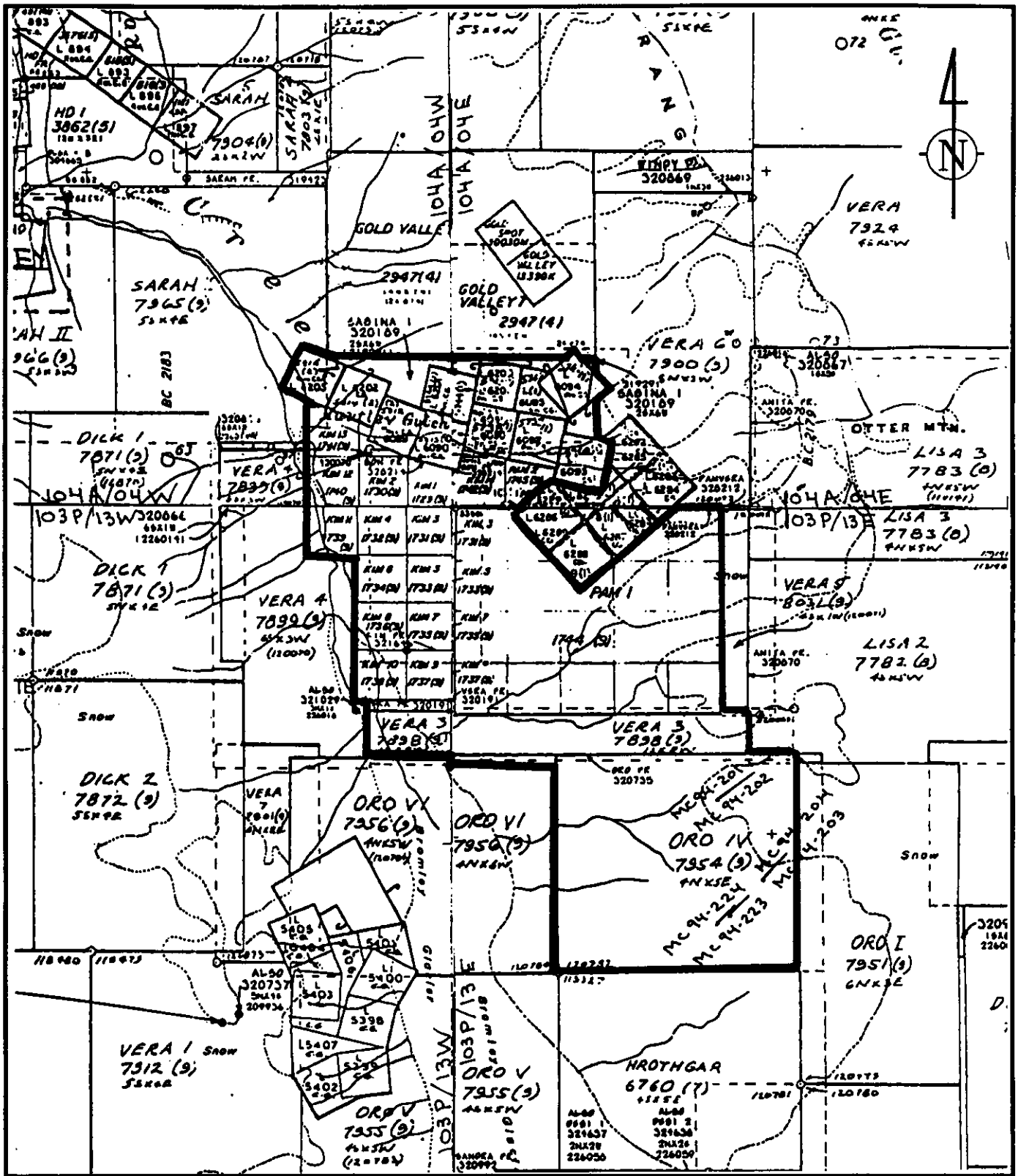
Ministry Claim Map

NTS 103P/13W–13E, 104A/04W–04E

RED MOUNTAIN PROJECT

Scale 1:50,000

Fig. 7



OR095F Claim Group

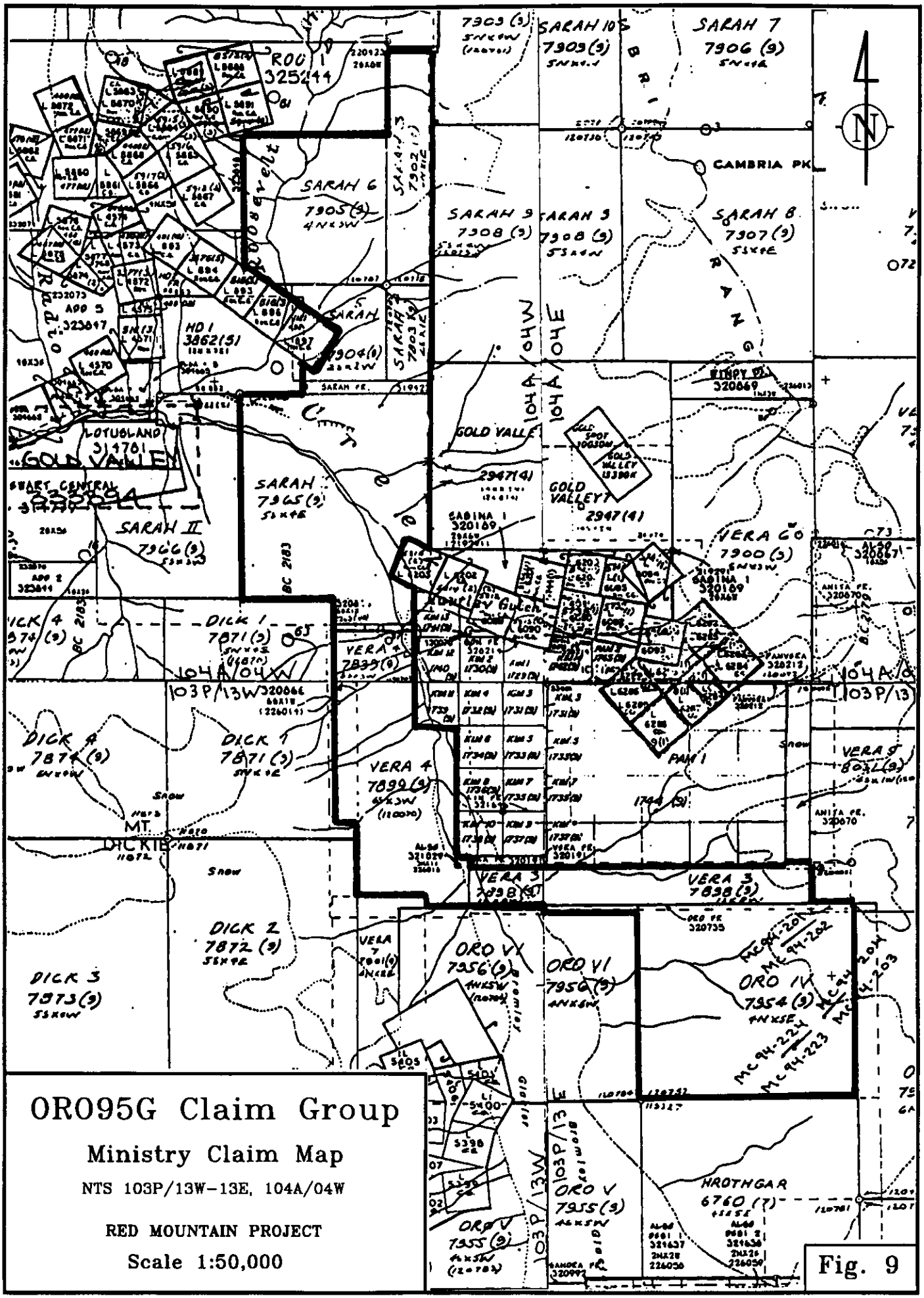
Ministry Claim Map

Fig. 8

NTS 103P/13W-13E, 104A/04W-04E

RED MOUNTAIN PROJECT

Scale 1:50,000



OR095G Claim Group

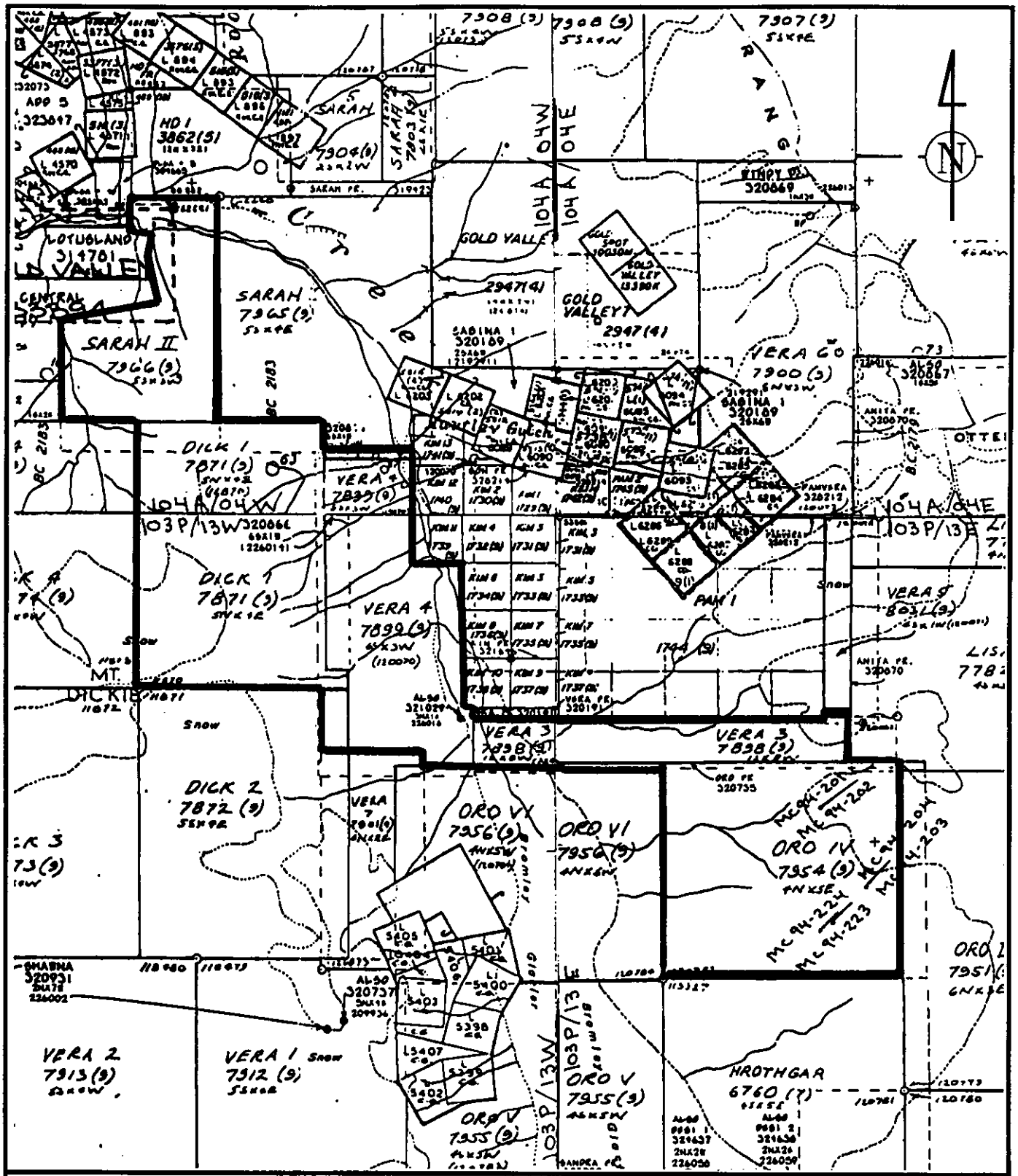
Ministry Claim Map

NTS 103P/13W-13E, 104A/04W

RED MOUNTAIN PROJECT

Scale 1:50,000

Fig. 9



OR095H Claim Group

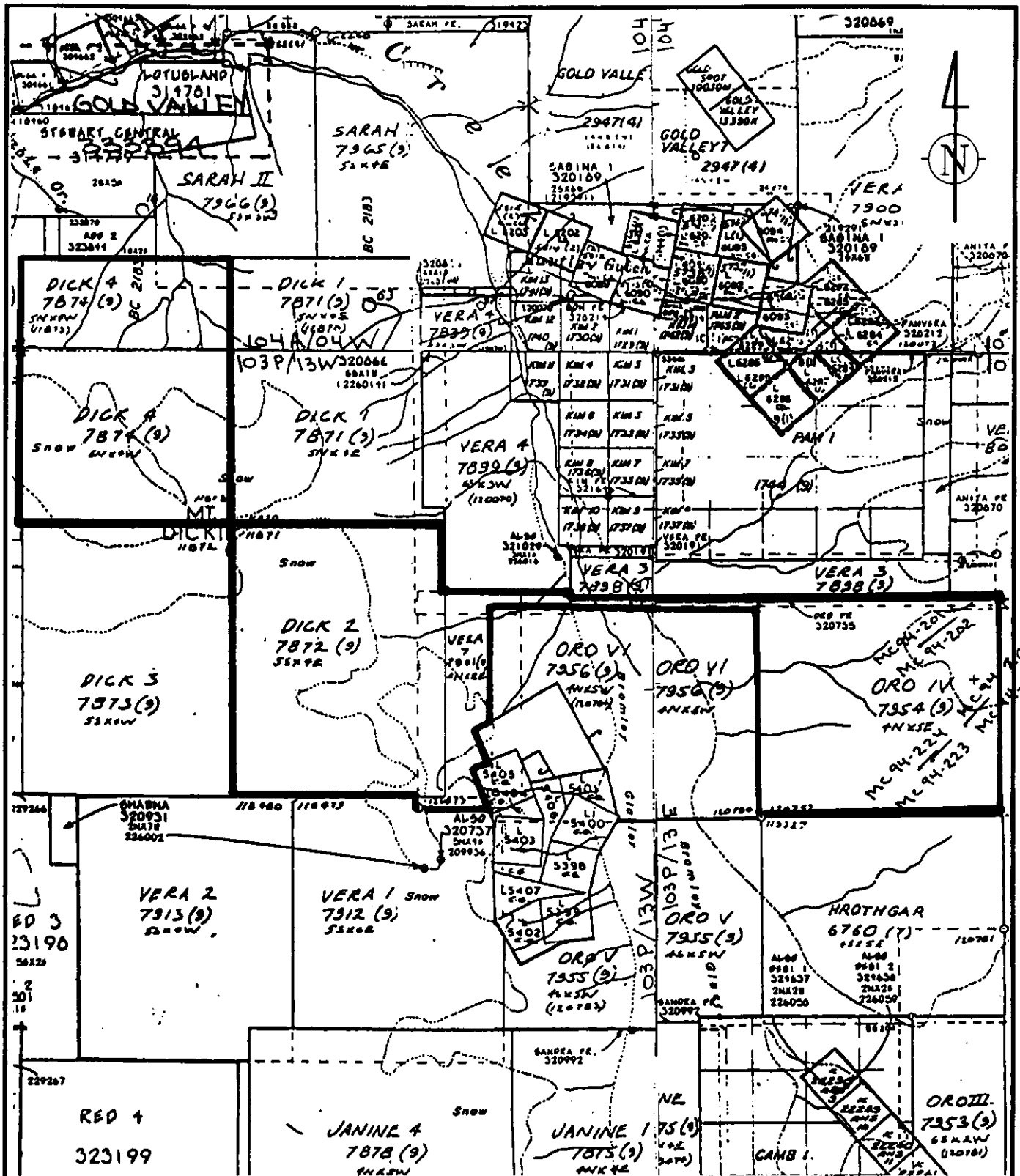
Ministry Claim Map

NTS 103P/13W-13E, 104A/04W

Fig. 10

RED MOUNTAIN PROJECT

Scale 1:50,000



OR095I Claim Group

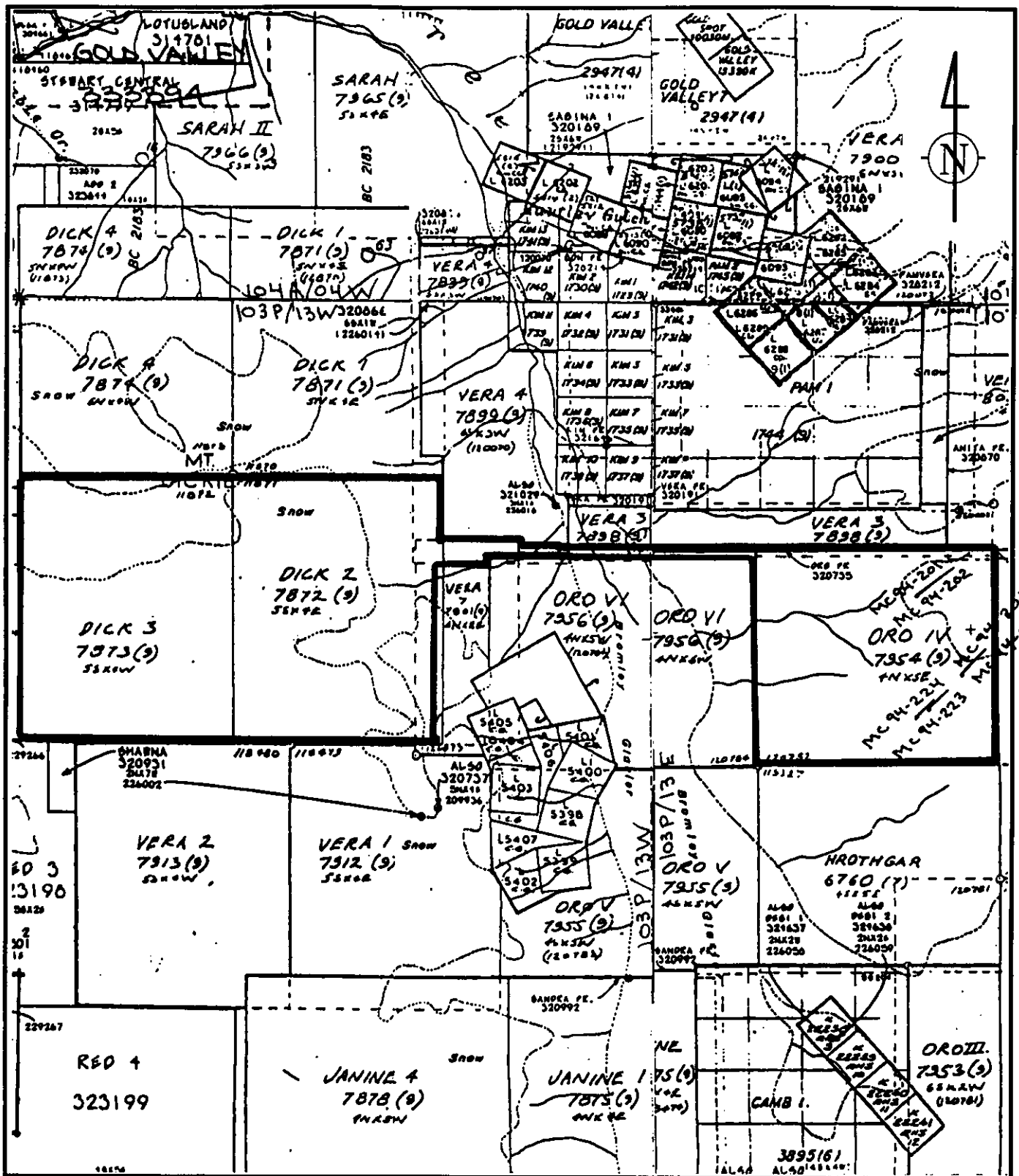
Ministry Claim Map

NTS 103P/13W-13E, 104A/04W

Fig. 11

RED MOUNTAIN PROJECT

Scale 1:50,000



OR095J Claim Group

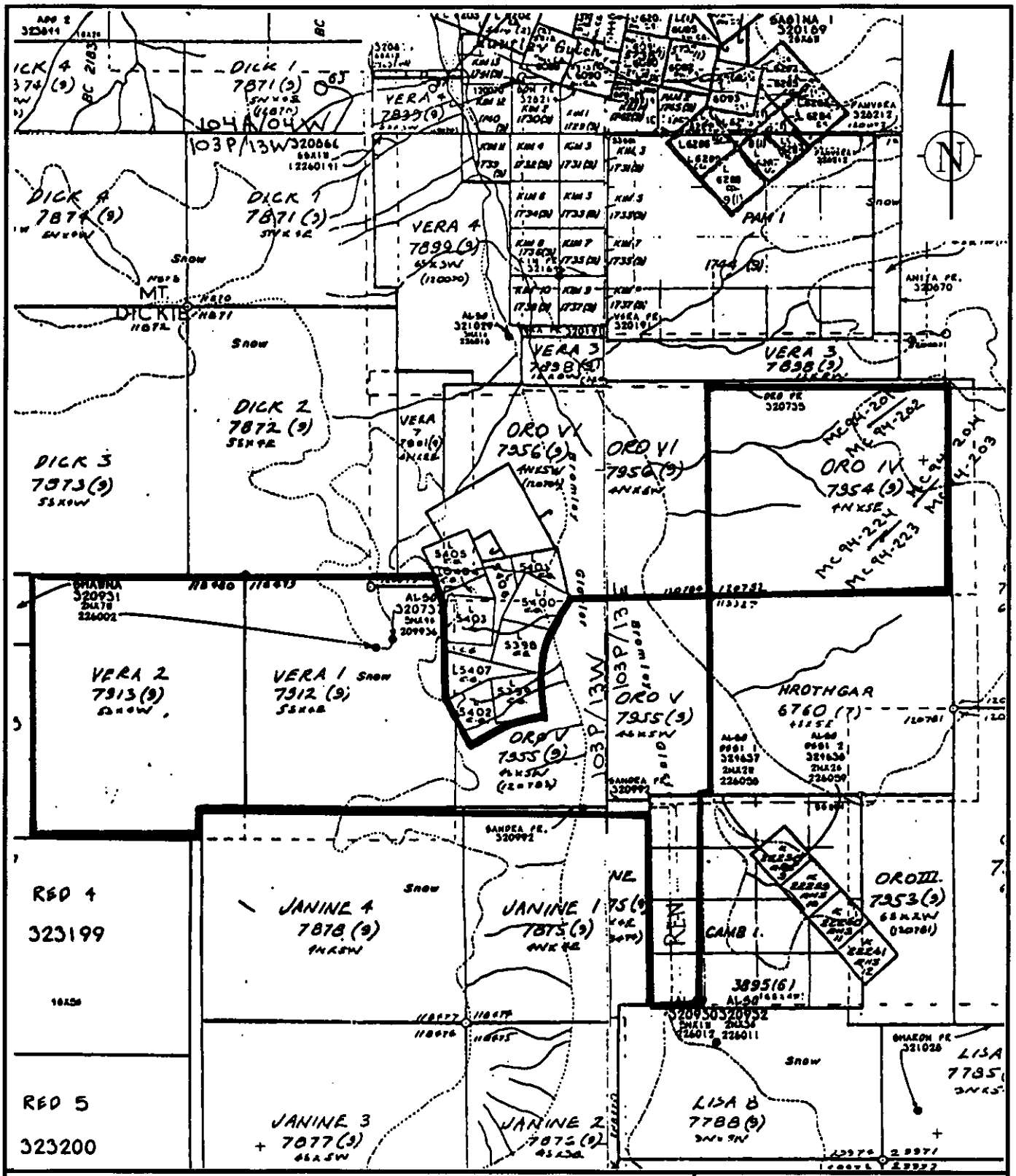
Ministry Claim Map

NTS 103P/13W, 103P/13E

Fig. 12

RED MOUNTAIN PROJECT

Scale 1:50,000



OR095K Claim Group

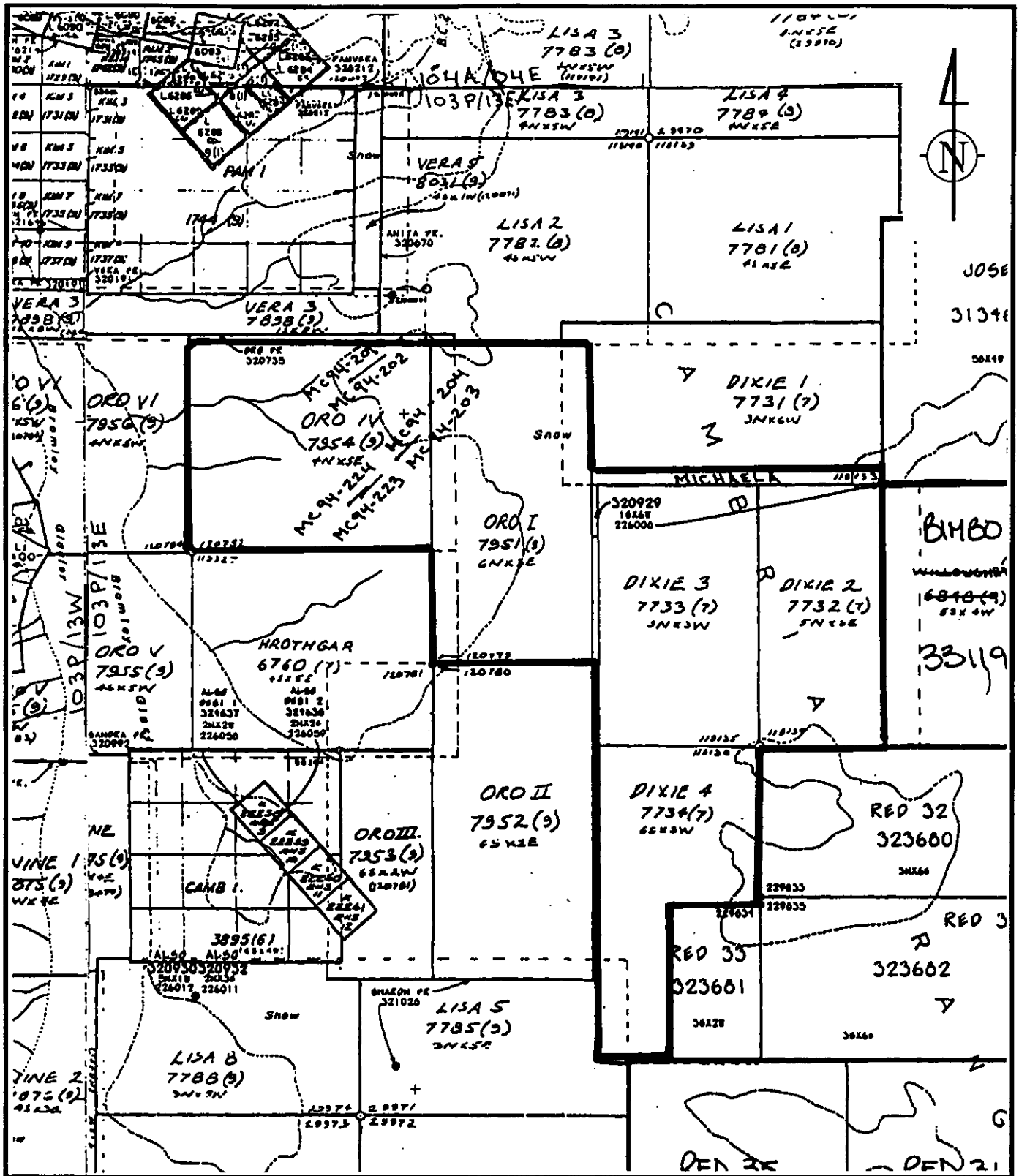
Ministry Claim Map

NTS 103P/13W, 103P/13E

Fig. 13

RED MOUNTAIN PROJECT

Scale 1:50,000



OR095L Claim Group

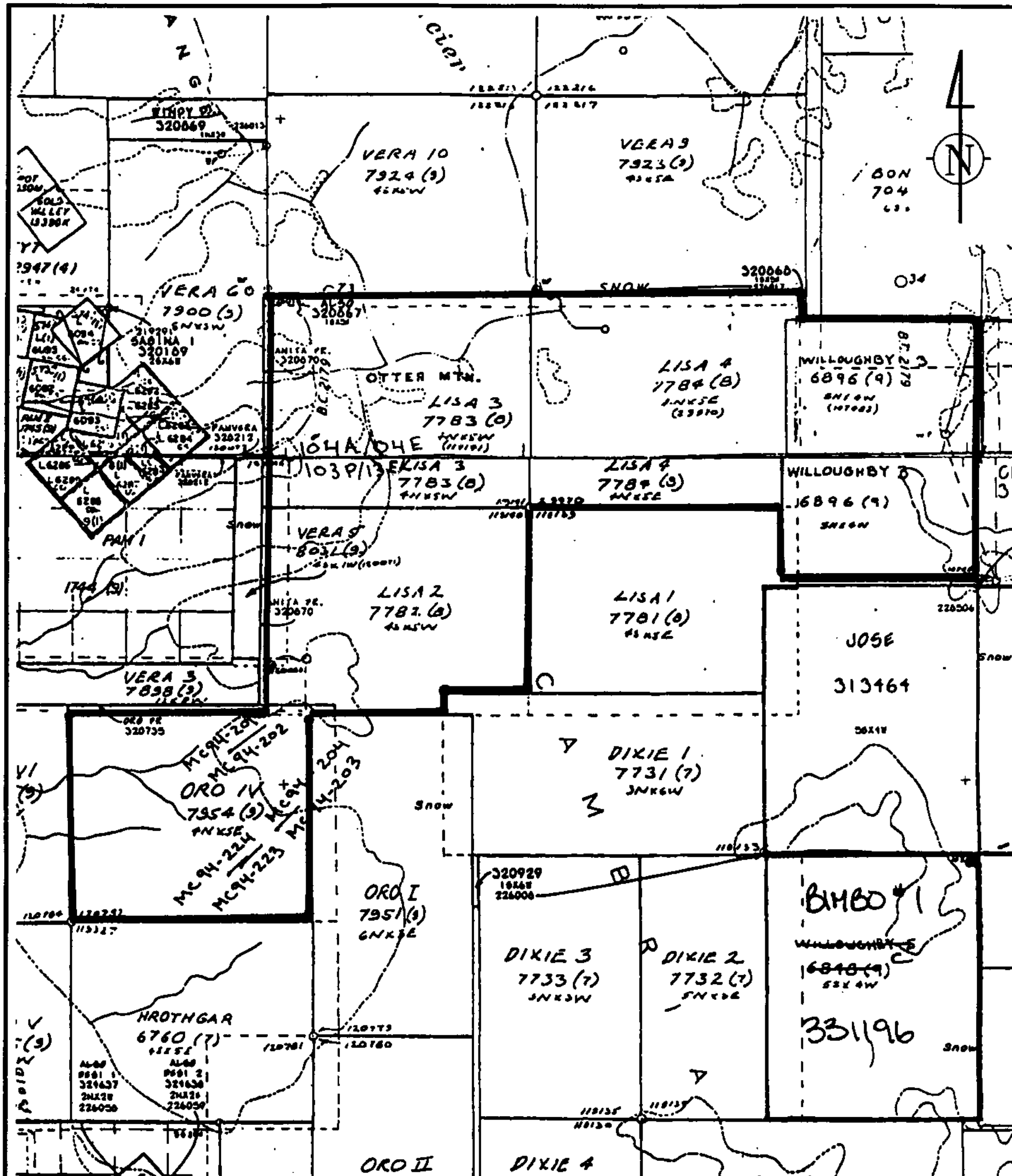
Ministry Claim Map

NTS 103P/13E

Fig. 14

RED MOUNTAIN PROJECT

Scale 1:50,000



ORO95M Claim Group

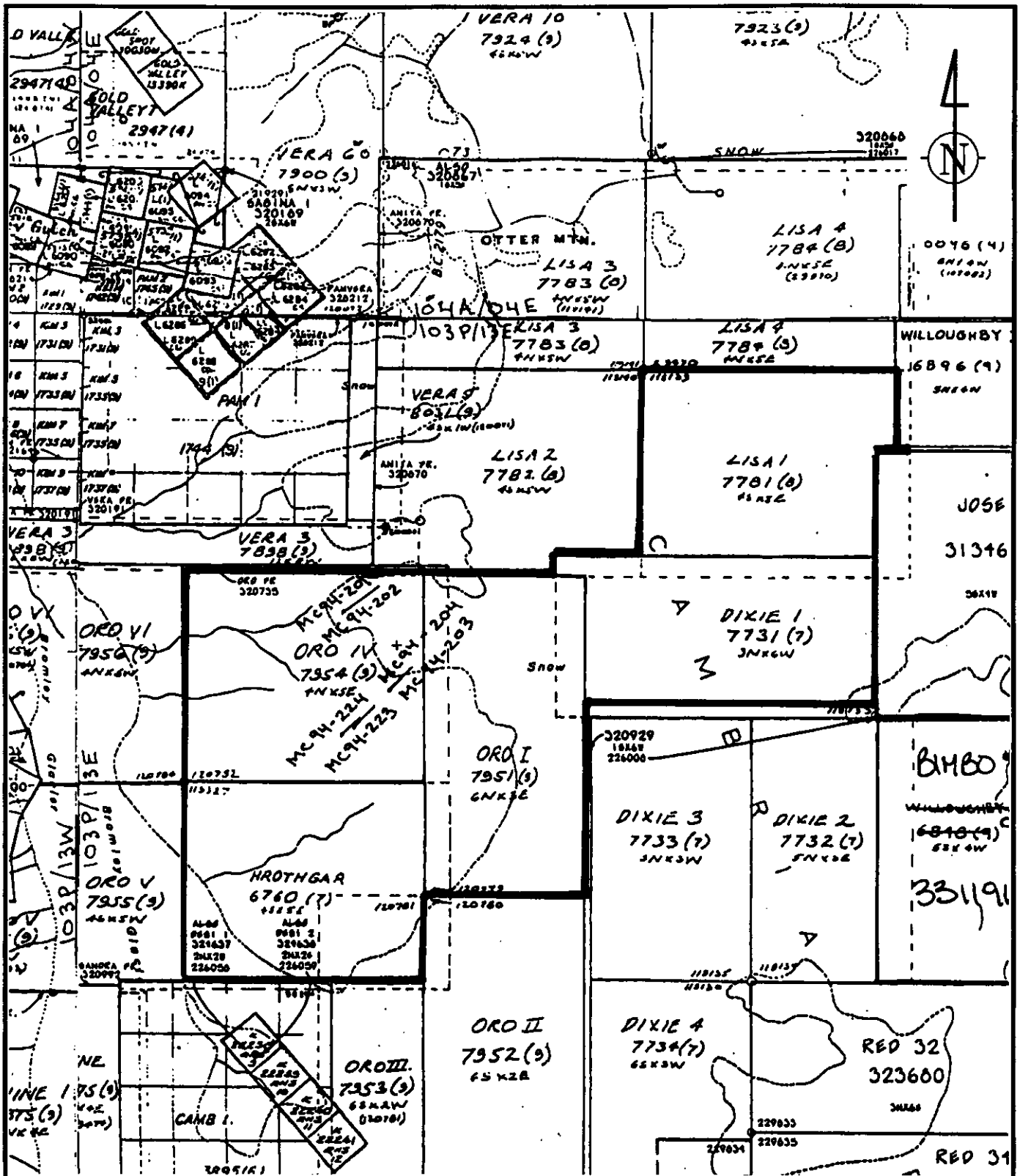
Ministry Claim Map

NTS 103P/13E, 104A/04E

RED MOUNTAIN PROJECT

Scale 1:50,000

Fig. 15



OR095N Claim Group

Ministry Claim Map

NTS 103P/13E

Fig. 16

RED MOUNTAIN PROJECT

Scale 1:50,000

1.2 EXPLORATION HISTORY

The Red Mountain area was first evaluated for moly occurrences during the 1960's and 1970's, but discarded. No further interest in the property was shown until August 1989, when a gossanous area previously covered by glacial ice and snow was sampled by Bond Gold. This became the Red Mountain discovery showing, later referred to as the Marc Zone. A large land package was established forthwith and exploration began in earnest consisting of: mapping, sampling, trenching, and a minor drill program.

Lac Minerals Ltd. acquired the ground when Bond Gold Canada Inc. was purchased in 1991 and exploration was continued at an accelerated rate.

At the completion of the 1992 program 102 drill holes totalling almost 24 km. of drill core was completed and two new zones were identified (AV and JW Zones). A resource of 2.5 million tonnes grading 12.8 g/T Au and 38.1 g/T Ag was calculated in all categories using a minimum grade of 3 g/T over a minimum width of 3 m. In light of these results a major underground and surface exploration program was initiated in 1993.

In 1993 and 1994, the exploration program's main purpose was to increase definition of the known zones and explore for more potential. A total of 76.5 km. was drilled in 304 diamond drill holes from surface and underground, and 1315 m. of underground development was completed. This resulted in undeniable proof towards the continuity of the 3 ore zones and the discovery of a fourth, the 141 Zone.

An updated resource calculation has yet to be made public. The property is currently owned by Barrick Gold Corp. as a result of its September, 1994 take-over of Lac Minerals Ltd.

2.0 GEOLOGY

2.1 REGIONAL GEOLOGY

The Oro IV Claim Group is located near the western margin of the Stikine terrane in the Intermontane Belt. Three principal stratigraphic elements are recognized in Stikinia and are present in the Stewart area: (i) Middle and Upper Triassic clastic rocks of the Stuhini Group volcanic rocks and chert of the Stuhini Group, (ii) Lower and Middle Jurassic volcanic and clastic rocks of the Hazelton Group, and (iii) Upper Jurassic mudstone, siltstone, and sandstone of the Bowser Lake Group (Anderson, 1989; Greig et al., 1994a).

Intrusive rocks in the region have been subdivided into several plutonic suites that range in age from Late Triassic to Eocene (Anderson, 1989; Greig et al., 1994a). The Stikine plutonic suite comprises Late Triassic calc-alkaline intrusions which are coeval with Stuhini Group volcanic rocks. Early to Middle Jurassic plutons are variable in composition, are roughly coeval and cospatial with Hazelton Group volcanic rocks, and are metallogenically important. Intrusions of Eocene age occur in the Coast Belt to the west and north of the Lisa Nunatak (Carter, 1981; Greig et al., 1994b, 1995).

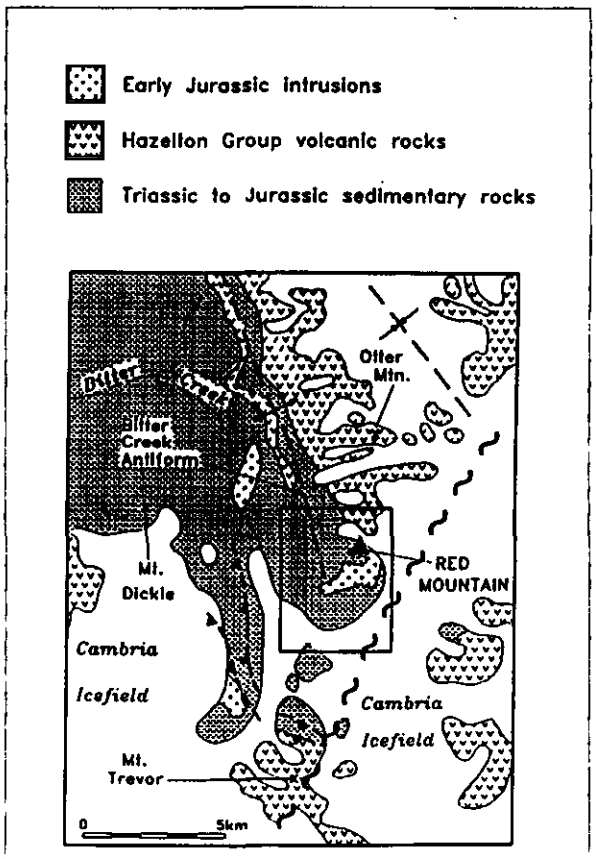


Fig. 17: Regional Geology at 1:250,000

Preservation of primary volcanic textures and sedimentary structures, together with metamorphic mineral assemblages consisting of common chlorite, $CaCo_3$, epidote and rare fine-grained actinolitic hornblende suggest that regional

metamorphic grade is probably sub-greenschist to lowermost greenschist facies (Greig, per. comm., 1995).

Red Mountain occurs within the disrupted core of the northwest trending and plunging Bitter Creek antiform (Greig et al., 1994a,b), a complex structure traceable for at least 20 km. along the eastern side of the Bitter Creek valley. The disrupted core consists of tightly folded Triassic to Lower Jurassic sedimentary strata, which is overlain by early Jurassic volcanic and clastic rocks of the Hazelton Group (Fig. 17).

2.2 PROPERTY GEOLOGY

Red Mountain is underlain by folded Middle-Upper Triassic and Early Jurassic sedimentary and minor volcanic strata that are intruded by Early Jurassic plutons, sills, and dikes known as the Goldslide intrusions, and by Tertiary intrusions (Fig. 18).

Stratified rocks comprise a sequence of Triassic chert and fine grained siliclastic rocks, which underlie much of the mountain, that are gradationally overlain by Early Jurassic clastic and volcanoclastic rocks. The Triassic sequence consists of massive to thinly bedded grey, white, and pale green cherty siltstone, mudstone and chert. These rocks occur on the west side of Red Mountain north of Goldslide Creek, throughout the south ridge, and as screens in the Goldslide intrusions. Dark grey to black mudstone, siltstone, and chert predominate on the far western and southern sides of Red Mountain and overlie the grey cherty rocks. Interbeds of dark grey cherty siltstone in grey chert collected from several localities approximately 500m. north of the exploration camp yielded radiolaria whose ages range from Middle to Late Triassic for the lower sequence (Cordey and Greig, 1995).

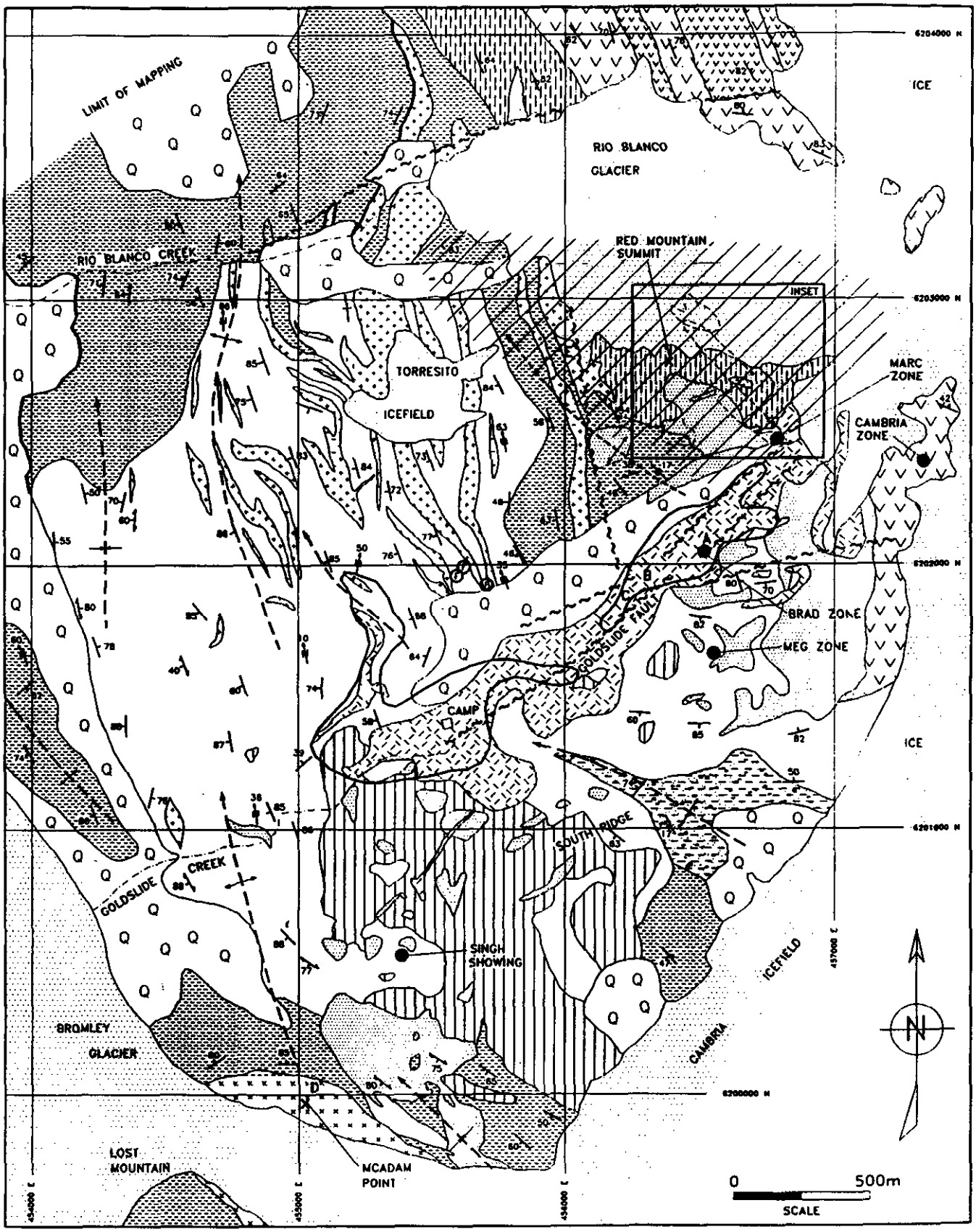

LIMIT OF MAPPING
ICE
RIO BLANCO
GLACIER
RED MOUNTAIN
SUMMIT
INSET
RIO BLANCO CREEK
TORRESITO
ICEFIELD
MARC
ZONE
CAMBRIA
ZONE
BRAD ZONE
MEG ZONE
GOLDSLIDE FAULT
CAMP
ICE
SOUTH RIDGE
GOLDSLIDE
CREEK
SINGH
SHOWING
ICEFIELD
BROMLEY
GLACIER
CAMBRIA
LOST
MOUNTAIN
MCADAM
POINT
N
0
500m
SCALE

Fig 18

LEGEND

Q — Talus and moraine

SEDIMENTARY AND VOLCANIC ROCKS

Early Jurassic

- Maroon tuff and volcanic conglomerate.
- Green conglomerate, tuff and siltstone.
- Green to grey siltstone, greywacke and conglomerate.

Middle to upper Triassic

- Dark grey to black locally graphitic mudstone, siltstone and chert.
- Bedded grey cherty siltstone, mudstone and chert.
- Bedded to massive grey chert breccia.

INTRUSIVE ROCKS

Tertiary: McAdam Point stock

- Biotite quartz monzonite, k-feldspar megacrystic.

Early Jurassic: Goldslide intrusions

- Hillside porphyry: fine to medium-grained hornblende monzodiorite.
- Goldslide porphyry: hornblende + biotite ± quartz porphyritic monzodiorite.
- Biotite porphyry: biotite prophyritic hornblende monzodiorite.

Uncertain affinity

- Massive green to grey tuffaceous rock

- Geologic contact
- Fault
- Bedding: tops unknown, tops known, overturned
- Anticline, syncline
- Minor fold, showing asymmetry
- Slaty to phyllitic foliation
- Area of quartz stockwork
- Area of most intense alteration and >0.3 g/t anomalous gold
- Underground workings, inset only
- A–A' Locations of cross-sections, inset only
- A — Ar-Ar, 160 ± 5 Ma
- B — U-Pb zircon sample #94-DR-421, 197.1 ± 1.9 Ma
- C — Ar-Ar, 200 Ma
- D — Ar-Ar, 45 ± 2 Ma
- E — U-Pb zircon, 201.8 ± 0.5 Ma
- Radiolarian fossil localities

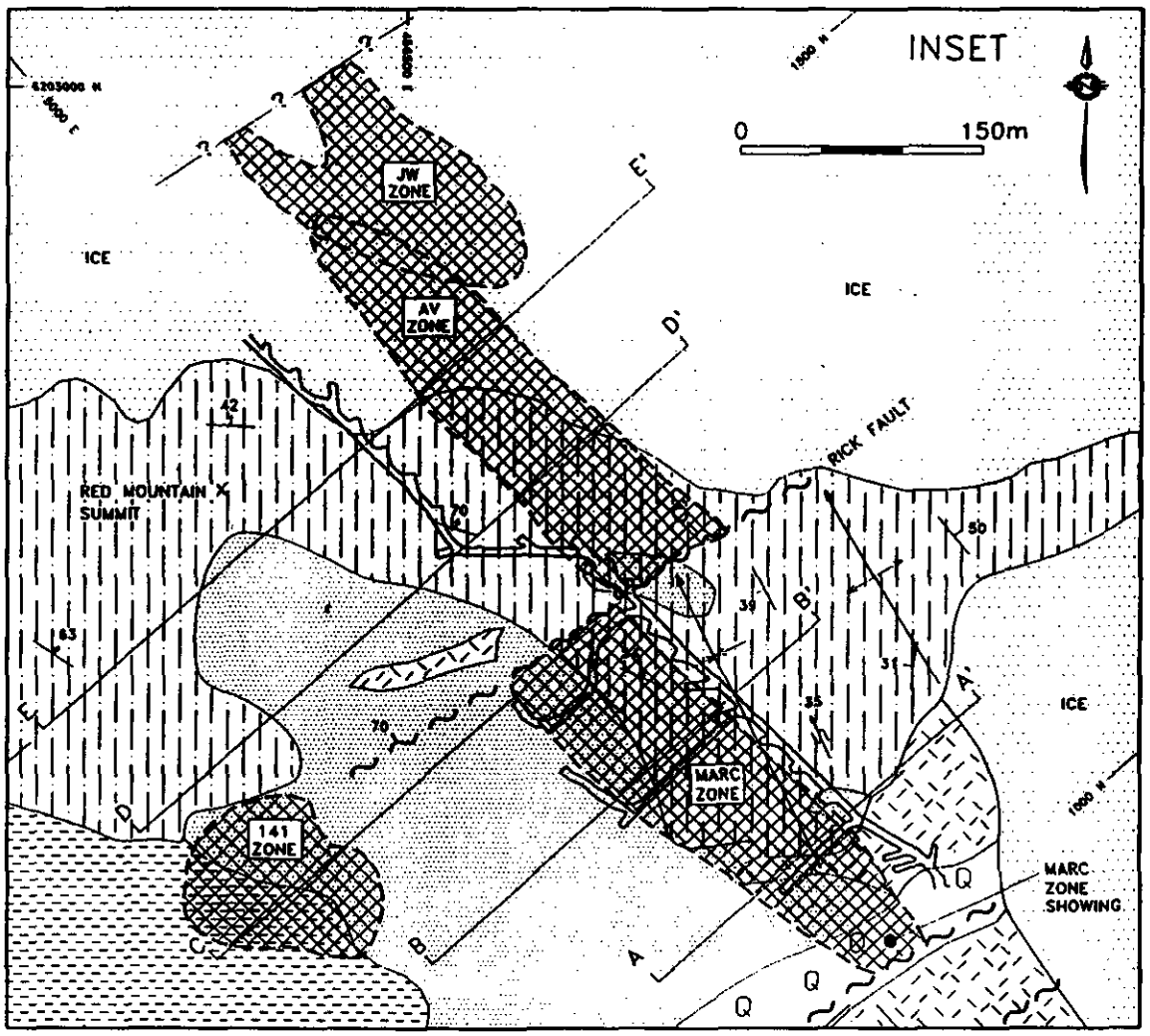


Fig 19

The Triassic sediments are overlain by Early Jurassic clastic and volcaniclastic rocks with an apparent gradational interrelationship. These strata occur on the north and northeastern side of Red Mountain. Green to grey laminated siltsone, mudstone, fine grained greywacke, and locally conglomerate occur at the Red Mountain summit and north of Rio Blanco and comprise the base of the upper sequence. Cross bedding, load structures, and graded bedding in the siltstones and sandstones indicate an overall east to northeast facing direction to the Early Jurassic package.

The Goldslide intrusions occur extensively at Red Mountain forming sills, dikes, and irregular intrusive bodies which intrude the Triassic and lower parts of the Early Jurassic stratified sequence. The Goldslide intrusions are all hydrothermally altered to some degree. The intrusions comprise three texturally and chemically distinctive phases: the Hillside porphyry, the Goldslide porphyry, and the Biotite porphyry. All phases contain a trachytic fabric outlined by hornblende phenocrysts with variable orientations, but are generally subparallel to contacts.

The Hillside porphyry (FHxl), which contains medium grained hornblende + plagioclase phenocrysts, occurs extensively on the south ridge and east side of Red Mountain as discordant intrusive bodies. This phase comprises 10-20%, 1-3 mm long acicular hornblende phenocrysts and 30-50% similar sized lath shaped, commonly with rounded corners, plagioclase phenocrysts in an aphanitic groundmass.

The Goldslide porphyry (FHBQp) is a hornblende-biotite ± quartz porphyry intrusion that underlies most of the Red Mountain cirque. It comprises 5-15%, 2-10 mm long blocky hornblende phenocrysts and trace to 5%, 2-5 mm long biotite phenocrysts in a groundmass of 35-50%, fine grained (typically ~1 mm) equant plagioclase phenocrysts in an aphanitic matrix. Quartz is locally present as 1-5 mm phenocrysts that are commonly rounded or embayed.

The presence of Goldslide porphyry dikes cross-cutting Hillside porphyry and xenoliths of Hillside porphyry within the Goldslide porphyry indicate that the Goldslide porphyry is the younger of the two phases.

Sills of Biotite porphyry (FHxlBp) intrude cherty sediments on the west side of Red Mountain. The Biotite porphyry is texturally similar to the Hillside porphyry containing 5-15% acicular, 1-4 mm long hornblende, 20-35% plagioclase, and 1-5% blocky, 2-6 mm wide biotite phenocrysts in an aphanitic groundmass.

Pebble (to breccia) dikes are present at the margin of the Goldslide intrusions and the sedimentary units. The terms "pebble" and "breccia", in this usage, are strictly non-genetic classifications referring to the relative roundness to angularity of the clasts in the dike. These dikes are heterolithic; comprised of rounded to subangular chert and siltstone in a dark grey intrusive matrix with 0.2-0.5 mm. feldspars. This rock unit occurs both as isolated dikes within the sediment and as intrusive contact brecciation with the sediment. Widespread occurrences of breccia diking is observed at Red Mountain, where it is linked with explosive phreatic activity related to igneous intrusion into wet, partially unconsolidated sediments (Rhys et al., 1995).

A Tertiary stock and several types of mafic dykes intrude the Goldslide intrusions and all stratified rocks on Red Mountain. The McAdam Point Stock is a 0.6-0.8 km wide intrusion that occurs at the south end of Red Mountain and extends across the east arm of Bromley Glacier. It is a medium-coarse grained biotite quartz monzonite with common K-feldspar megacrysts. Schroeter et al. (1992) report a 45±2 Ma ^{40}Ar-^{39}Ar date for biotite from the stock.

Green, northeast trending and steeply dipping pyroxene porphyritic dikes occur in the Red Mountain cirque adjacent to Goldslide Creek. They intrude the Goldslide porphyry and screens within it. The dikes are typically 0.5-4 m wide and are magnetic. They contain <1-4%, 1-6 mm long blocky pyroxene phenocrysts, that are commonly altered to amphibole, in a fine grained groundmass.

Dark grey to green, northwest trending and steeply dipping trachyandesite dikes cut all other rocks on the property. Individual dikes are traceable for up to 2 km and vary from <5 cm to 7 m. wide. The thinner dikes are green-grey, aphanitic and commonly flow banded. Thicker dikes commonly contain 0.5-3 mm long acicular amphibole phenocrysts and disseminated magnetite in a glassy, locally chloritized, groundmass.

STRUCTURAL GEOLOGY

Mesoscopic folds affect the entire Triassic/Jurassic succession on Red Mountain. Folds have moderate to steep, north to northwest plunging axes with generally steep limb dips and open to tight locally isoclinal forms. Bedding is generally upright.

West to southwest dipping axial planar slaty cleavage is developed along the west slope of Red Mountain. The cleavage affects Triassic strata, the Hillside porphyry, the Goldslide porphyry, and crenulates pyrite veinlets; but is cut by the McAdam Point stock and related dikes and veins. The geometry and inferred timing of the folds and related foliation (post-Early Jurassic volcanic rocks and pre-Tertiary intrusions) suggest that they are the local manifestation of Cretaceous-Early Tertiary Skeena Fold Belt deformation (Evenchick, 1991; Greig at al., 1995). Elsewhere rocks are unfoliated, except near shear zones.

At least two phases of faulting affect Red Mountain lithologies. The earliest faults are steep northwest dipping semi-brittle shear zones that form prominent lineaments on Red Mountain. These structures include the Goldslide and Rick faults. The latter displaces the ore zones. North to northwest trending, moderately to steeply, southwest and northeast dipping faults are developed throughout the Red Mountain area; and are locally associated with trachyandesite dikes. These cut the McAdam Point stock and all other structures.

2.3 ALTERATION AND MINERALIZATION

Hydrothermal alteration affects pre-Tertiary rocks on Red Mountain, including all phases of the Goldslide intrusions. The Red colour of the mountain results from the widespread development of iron oxides after disseminated and veinlet pyrite and pyrrhotite.

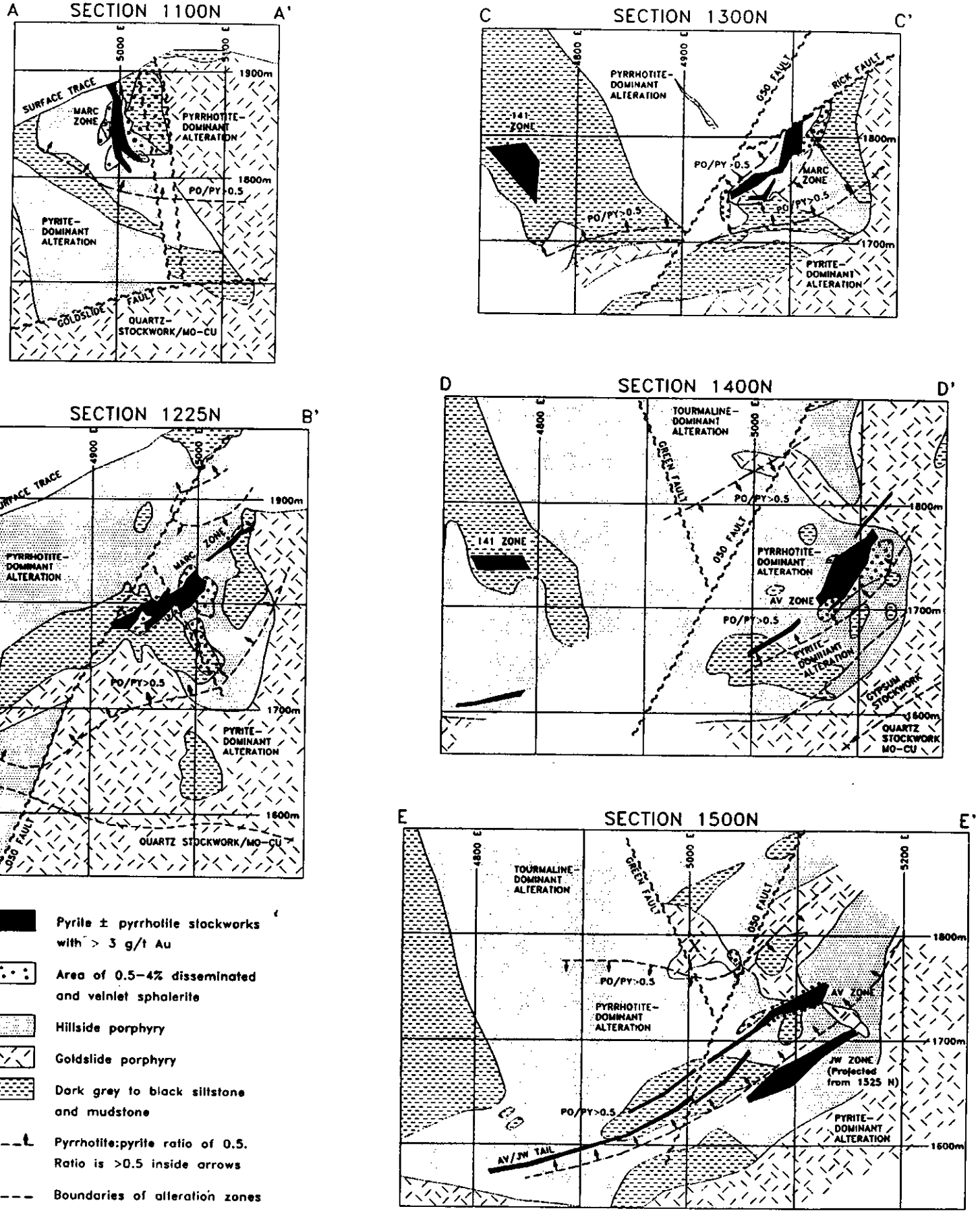

A
SECTION 1100N
A'
5000 E
5100 E
1900m
SURFACE TRACE
MARC ZONE
PYRRHOTITE-DOMINANT ALTERATION
1800m
PO/PY>0.5
PYRITE-DOMINANT ALTERATION
GOLDSLIDE FAULT
QUARTZ-STOCKWORK/MO-CU
B
SECTION 1225N
B'
4900 E
5000 E
SURFACE TRACE
1900m
PYRRHOTITE-DOMINANT ALTERATION
MARC ZONE
PO/PY>0.5
1700m
PYRITE-DOMINANT ALTERATION
1600m
050 FAULT
QUARTZ STOCKWORK/MO-CU
C
SECTION 1300N
C'
4800 E
4900 E
PYRRHOTITE-DOMINANT ALTERATION
050 FAULT
RICK FAULT
141 ZONE
1800m
PO/PY>0.5
MARC ZONE
PO/PY>0.5
PO/PY>0.5
1700m
PYRITE-DOMINANT ALTERATION
D
SECTION 1400N
D'
4800 E
5000 E
TOURMALINE-DOMINANT ALTERATION
GREEN FAULT
PO/PY>0.5
1800m
141 ZONE
050 FAULT
PYRRHOTITE-DOMINANT ALTERATION
AV ZONE
PO/PY>0.5
1700m
PYRITE-DOMINANT ALTERATION
GYPSUM STOCKWORK
1600m
QUARTZ STOCKWORK MO-CU
E
SECTION 1500N
E'
4800 E
5000 E
5200 E
TOURMALINE-DOMINANT ALTERATION
GREEN FAULT
050 FAULT
1800m
PO/PY>0.5
AV ZONE
PYRRHOTITE-DOMINANT ALTERATION
1700m
JW ZONE (Projected from 1525 N)
PO/PY>0.5
PYRITE-DOMINANT ALTERATION
AV/JW TAIL
1600m
Pyrite ± pyrrhotite stockworks with > 3 g/t Au
Area of 0.5–4% disseminated and veinlet sphalerite
Hillside porphyry
Goldslide porphyry
Dark grey to black siltstone and mudstone
Pyrrhotite:pyrite ratio of 0.5. Ratio is >0.5 inside arrows
Boundaries of alteration zones

Fig 20

Marc, AV, and JW Zones

The majority of the ore resources at Red Mountain are contained within three semi-tabular to elliptical, shallow northwesterly plunging and southwest dipping pyrite stockwork zones: the Marc zone, the AV zone and the JW zone (Fig. 19 and 20).

The Marc zone outcrops at approximately 1900 m elevation, at the head of the Goldslide Creek Cirque, 300 m southeast of the summit of Red Mountain. The Marc zone dips moderately to steeply to the southwest exhibiting a weakly sigmoidal shape. The main body is primarily restricted to the altered Hillside Porphyry unit, bounded by and weakly penetrating two limbs of a black siltstone and mudstone synform. This package lies tightly within a Goldslide Porphyry trough (Fig. 20, Section A,B, and C). The sedimentary synform becomes disrupted to the northwest. The two limbs are separated at the bottom and strong Hillside-sedimentary brecciation is observed.

The AV zone is northwest of the Marc zone and represents a displaced continuation of it across the steep-northwest dipping semi-brittle Rick fault (Fig. 19). The movement represents roughly equal dip-slip (NW) and strike-slip (NE) components, resulting in a 100 m total point displacement. The AV zone exhibits similar grades, characteristics, and lithological setting as the Marc zone. The converging sedimentary rods and the Goldslide Porphyry trough appear more open as the zone progresses to the northwest (Fig. 20, Section D and E). In addition, the distance between the Goldslide Porphyry unit and the AV zone increases to 100m. This results in a more tabular appearance of the ore body. The AV zone visibly extends to 1600N, predominately as a sphalerite halo, but the economic level of gold terminates at 1525N.

The JW zone is the most northwesterly of the ore zones at Red Mountain (Fig. 19). Its southeastern end starts to develop at the waning in gold of the AV zone. This occurs on section 1525N approximately 50 m below the AV zone. It is unlikely that the JW zone represents a displaced continuation of the AV zone, since no significant faults were intersected between the two zones in drill core and the AV zone appears to visibly continue. The more plausible solution is that the ore fluids reflect the morphology of the Goldslide Porphyry unit. The Goldslide Porphyry appears to down step at this point causing the above AV zone gold values to abate and concentrate

in the JW zone at a lower elevation. The lithological setting is similar to the Marc and AV zones except the sedimentary rods and Goldslide Porphyry unit have fully opened and appear planar (Fig. 20, Section E). The Goldslide porphyry uniformly remains at approximately 100m below the zone. This is reflected in a tabular, narrower, and lower grade ore zone with a shallow southwest dip.

Table 1: Ore Zone Descriptive Statistics

	Weighted Average*			Maximum (m)		
ZONE	Au g/T	Ag g/T	Thickness (m)	Strike Length	Dip Length	Thickness
Marc	11.0	42.7	12.3	275	150	24.0
AV	11.4	26.2	14.9	225	150	29.2
JW	8.9	14.2	6.2	250†	250	11.0
AV/JW Tail	5.1	10.5	4.1	150†	350	6.0
141	2.9	5.9	20.0	100‡	100	46.8

* Based on ore resource blocks with a minimum 3g/T over 3m cut-off
† Ore zone open down strike ‡ Ore zone open up and down strike

The Marc, AV, and JW zones exhibit a strong, distinct sulphide zonation. Mineralization within the ore zones consist of a stockwork of coarse pyrite veins, fracture fill, and fine disseminated pyrite. Vein widths range from less than 0.5 cm up to 1 m, but are typically less than 3 cm. Veins are variably spaced, commonly 2-10 per m, and normally range from 5-30% of rock volume. Vein orientations are extremely variable, but the main ore horizon appears remarkably consistent. Other local vein constituents include pyrrhotite, sphalerite, chalcopyrite, arsenopyrite, and chlorite but these generally comprise <5% of the veins.

Within the ore zone, dark green chlorite envelopes are commonly developed on pyrite veins. Vein pyrite is very coarse and grains are commonly 1-20 mm wide. The pyrite is usually fractured. Fractures are filled with narrow seams of, in decreasing abundance: fibrous quartz, muscovite, calcite and chlorite.

Gold occurs in 0.5-15 micron grains of native gold, petzite, electrum (commonly >20% Ag), and various gold tellurides and sulfosalts (Ford, 1993; Barnett, 1991). Native gold and gold-bearing minerals occur with silver tellurides along cracks in pyrite grains, as inclusions in pyrite and within fibrous quartz-muscovite filled fractures in pyrite (Barnett, 1991; Rodd, 1990). Other Au and Ag

bearing minerals, which also contain Sb and Pb minerals, include hessite, tetrahedrite, muthamannite, calaverite, aurostibnite, altaite, montbrayite, krennerite and sylvanite (Barnett, 1991; Rodd, 1990; Rollwagen, 1990; Ford, 1993). Native gold locally also occurs in chlorite. There is a higher concentration of gold resulting from fracture filling compared to disseminated/inclusion mineralization

The ore zones are usually surrounded by an aureole of disseminated and veinlet sphalerite that is developed for 2-30 m into both the footwall and hangingwall, but is usually thicker in the footwall. This zone is developed as 0.5-4% disseminated and veinlet red to honey yellow sphalerite. The sphalerite usually occurs with 1-5% pyrite and pyrrhotite; pyrite being the more common association. Sphalerite is generally more concentrated and developed along bedding in screens of black sediments, preferentially occurring in coarser beds, than in the HFxl unit.

The pyrrhotite zone is encountered outside the sphalerite zone. The hanging wall zone is normally 100-200m wide and to the southeast a footwall wall zone (<50 m) occasionally develops. The zone characteristically imparts a dark mottled very fine grained disseminated appearance to the host FHxl unit. However, when proximal to the ore, pyrrhotite commonly occurs as 0.5-6cm irregular wispy veinlets and fracture fill.

The pyrite zone is observed below the sphalerite and pyrrhotite zone for approximately 100-200m. It is characterized by a decrease in pyrite from the ore zone and the lack of pyrrhotite. Pyrite occurs predominately as pervasive medium to coarse grained disseminations and 0.5-30cm veins (3-5%).

The gypsum zone appears similar to the pyrite zone except that it is denoted by the occurrence of gypsum veins from 0.1-10cm. This zone is observed below the pyrite zone for 10-100m. The wider veins tend to possess anhydrite cores. The gypsum crosscuts the pyrite. Occasionally, where the gypsum follows the pyrite filled fractures, pyrite is included within the gypsum.

Table 2: Summary Characteristics of Alteration and Sulphide Zonation. The information based on macroscopic observation and petrography by Thompson (1994). The alteration types are overlapping and commonly gradational; and correspond with decreasing elevation. the geochemistry is based on whole rock and ICP data from the Hillside and Goldslide porphyry.

Zone	Width	Characteristic Mineralogy	Fe-Sulphide Characteristics
Actinolite, Mg-chlorite	>150m	K-feldspar, actinolite, blue birefringent Mg-chlorite, and titanite	disseminated and veinlet <1% pyrite and pyrrhotite.
Black Tourmaline	100-300m	K-feldspar, brown birefringent chlorite, titanite, and disseminated brown to black tourmaline	disseminated and veinlet <1% pyrite and pyrrhotite.
Pyrrhotite	100-200m	K-feldspar, sericite, brown to black tourmaline; brown birefringent chlorite	dark mottled very fine grained disseminated pyrrhotite (1-5%), when proximal to the ore, pyrrhotite commonly occurs as 0.5-6cm irregular wispy veinlets and fracture fill (1-10%).
Sphalerite (HW)	1-10m	sericite, brown birefringent chlorite, quartz; K_2O>5%; Na_2O<1.5%	0.5-4% disseminated and veinlet red to honey yellow sphalerite. The sphalerite usually occurs with 1-5% pyrite and pyrrhotite; pyrite being the more common association
Ore Zone	3-30m	sericite, brown birefringent chlorite, quartz	stockwork of **coarse pyrite** veins, fracture fill, and fine disseminated pyrite. Veins are 0.5cm upto 1m, but are typically less than 3 cm. Veins are variably spaced, commonly 2-10 per m, and normally range from 5-30%.
Sphalerite (FW)	2-30m	Same as Sphalerite (HW)	0.5-4% disseminated and veinlet red to honey yellow sphalerite. The sphalerite usually occurs with 1-5% pyrite and pyrrhotite; pyrite being the more common association
Pyrite	100-200m	calcite disseminated and veinlet, sericite, brown birefringent chlorite above and grey birefringent chlorite lower, pale brown and *colourless tourmaline*	Pyrite occurs predominately as pervasive medium to coarse grained disseminations and 0.5-30cm veins (3-5%).
Vuggy Pyrite	variable	Same as pyrite zone	Same as pyrite zone + vuggy pyrite veins to 30cm wide with pyrite crystals upto 2mm across. The vugs may be a direct result of gypsum dissolution
Gypsum	10-100m	Gypsum + calcite veins and veinlets in a pale grey matrix	Same as pyrite zone + gypsum veins from 0.1-10cm
Mo-Cu	>200m	sericite, quartz, grey birefringent chlorite, colourless tourmaline in thin section	Same as pyrite zone + the addition of minor amounts of Mo (>7ppm) and Cu (250ppm) in quartz and pyrite veinlets.

The vuggy pyrite zone occurs on the transition between the pyrite and gypsum zones. The zone consists of friable, angular, and broken rock due to vuggy pyrite veins to 30cm wide with pyrite crystals upto 2mm across. The vugs may be a direct result of gypsum dissolution.

The lowest zone observed in the system is the Mo-Cu zone. This zone is also similar to the pyrite zone with the addition of minor amounts of Mo (>7ppm) and Cu (250ppm) in quartz and pyrite veinlets.

The gold bearing pyrite is hosted in pale-grey strongly sericite altered HFxl, and less abundantly in tan to pale green sericite altered mudstone and siltstone. The ore zones, as a single auriferous horizon, define a particular alteration zone. The zone always occurs at the transition from the pyrrhotite to pervasive sericite-pyrite alteration. This transition is abrupt and commonly occurs over intervals of less than 1 m. A significant drop in K-feldspar stain is also noted.

Examination of the Marc, AV and JW zones in drill core and in underground crosscuts indicate that there are no bounding structures, either hangingwall or footwall, except where late structures, such as the Rick Fault, displace or intersect them. Deformation in the ore zones is typically brittle in the formation of pyrite veins and breccia veins. The only pervasive fabrics observed in the ore zones are (i) lineation of sericite altered hornblende phenocrysts in the HFxl and (ii) a phyllitic fabric that is locally developed near the Rick fault and similar shear zones.

AV/JW Tail and 141 Zone

The remaining ore resource is found in the AV/JW Tail Zone and the 141 Zone.

The AV/JW Tail Zone lies to the west of the three main zones and is the down dip extension of the AV and JW zones (Fig. 20, Section D and E). It comprises of two parallel, shallow northwest dipping, narrow tabular ore zones that have been traced for 150m from section 1425N-1575N. The AV/JW Tail zone lies primarily within the FHxl unit but follows congruent to and within shallow northwest dipping sheets of sediment. The top of the FHp unit is observed below, normally within 50m of the ore zone.

The AV/JW Tail Zone exhibits similar sulphide zonation and mineral assemblages as the Marc, AV, and JW zones. The main difference in the ore zone is the disappearance of the sphalerite halo to the southwest and the increase in chalcopyrite (<3%). The sphalerite aureole is supplanted by the 2-10% wispy fracture fill pyrrhotite zone 10-100m, significantly thicker in the hangingwall.

The 141 Zone is located 200 m southwest of the Marc and AV Zone (Fig. 19) at approximately the same elevation; to the south and 100 m above the AV/JW Tail zone. The zone consists of three distinct ore bodies dipping steeply to the southwest. A main zone that extends normal to a sediment-intrusive contact and two parallel zones, a hanging and footwall zone, 25° oblique to the main zone. These three ore bodies have been grouped into one large, lower grade ore body (Fig. 20, Section C and D) reflecting the overall ore resource present and not the most recent interpretation. The 141 zone is primarily hosted by altered sediments and sits within an embayment of the HFxl intrusive. The FHp unit lies 150 m below the zone (and may curve back up to the southwest of the zone.?)

The main 141 zone averages 5 to 8 metres in width. It has a defined strike length of 100 m and is open at both ends. There appears to be a dichotomy in mineralization with respect to gold values.

The 141 zone mineralization, comparable to Marc/AV/JW mineralization, may consist of a narrow zone of 10-15% pyrite fracture fill and trace to 1% chalcopyrite in a strong sericite altered package. However with equal frequency, the 141 zone possesses a strong correlation between high pyrrhotite (5-15%) and chalcopyrite (0.5-2%) mineralization zones, predominantly as fracture fill and 1-20cm veins, with high grade gold values. The prominence of this characteristic is unique in relation to the other zones.

The two narrower zones, the hanging and footwall zones (3-5m), flank the main zone and are traced for 50 to 75 m. The two zones exhibit similar mineralization as the main zone commonly containing 2-10% pyrrhotite fracture fill, 1-5% pyrite and minor chalcopyrite +/- sphalerite.

Mineralization enveloping the 141 zone hosts 1-3 g/T Au as 5-10% pyrrhotite as dark finely disseminated mottling and fracture fill with 1-2% pyrite fracture fill. An aureole of minor (<0.5%) sphalerite and/or chalcopyrite (<2%) typically surrounds the zone and is developed for less than 5 m.

An extensive anomalous gold mineralization zone, averaging >0.3 g/T Au, is developed for 50-100 m. below the zones. This anomalous gold region spans the gulf between the 141 and the AV/JW Tail zone and may represent a direct relationship between these two zones. In addition, there is some evidence to suggest that the 141 Zone plunges to the northwest. Therefore, the possibility is present to suggest that the 141 zone ore fluids may converge with the AV/JW Tail fluids between 1450N and 1500N.

Native gold occurs as <0.2mm grains, however more commonly 0.01-0.02mm (Northecoate, 1995). The gold appears as at least two distinct phases of aggregation. It appears as inclusions within pyrite associated with sphalerite (<0.5%) and arsenopyrite/galena (trace). However, the more predominant aspect is as inclusions within chalcopyrite or pyrrhotite, intergrown with sphalerite and arsenopyrite, interstitial to the pyrite. The tendency is for the segregation of chalcopyrite with pyrrhotite.

The sediments, typically black to dark grey in colour, are locally carbon-leached to a light grey colour. Porcelain alteration denotes zones light grey to white in colour, glassy , hard and lacking a discernible texture. This alteration can be pervasive or occurring as patches within the sediments or HFxl intrusive. Portions of the porcelain alteration may represent relatively unaltered chert. Sericitization appears to follow the porcelain alteration and is associated with the ore zone.

Thin section work by K.E. Northecoate, 1994, describes 2 rocks selected to represent the porcelain alteration: as complete replacement of the plagioclase crystals by felted microcrystalline sericite, varied intensity sericite/chlorite alteration overprints of the microcrystalline plagioclase groundmass, and 6-8% quartz irregular fracture and void infilling with other components and sulphides.

Porcelain alteration, or texture, has been solely observed in and surrounding the region designated for the 141 zone.

Base Metals

Zn, Cu, As, and Sb are enriched in all the zones. As and Sb appear correlated and decrease away from the AV Zone. The same pattern is present for Cu except the AV/JW Tail zone exhibits elevated values. In contrast the AV zone displays the lowest Zn values.

Table 3: Weighted Averages = $S(Grade_n \times Thickness_n) / S(Thickness_n)$.
N is the number of drill intersections used to calculate the data. The data is from selected representative drill holes throughout the zones and does not reflect all of the intersections to date.

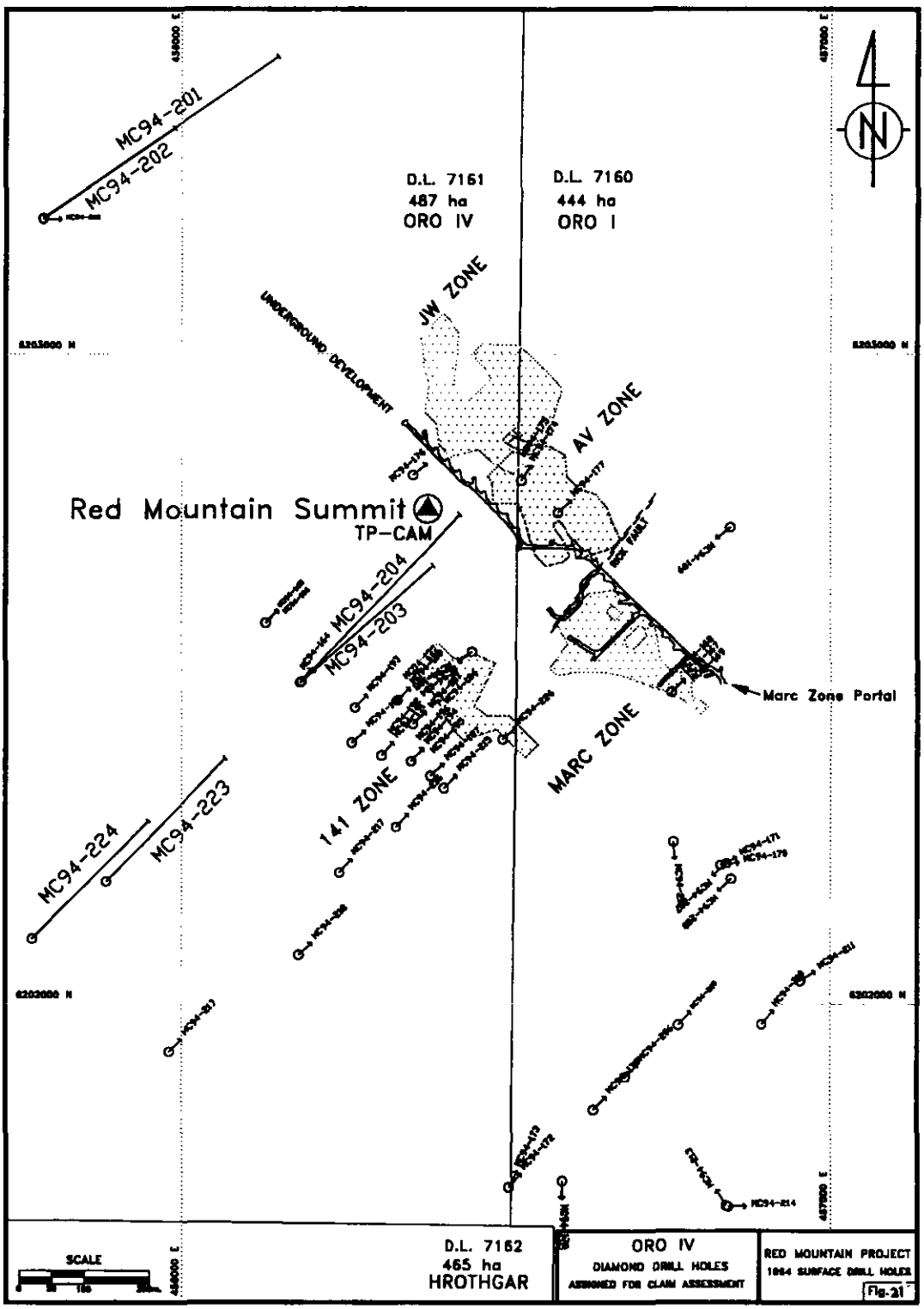
Zone	Drill Holes	Zn ppm	Cu ppm	As ppm	Sb ppm	Ag:Au
Marc	97	1494.1	479.9	455.9	147.0	4.0
AV	34	842.5	915.5	666.9	310.0	2.8
JW	18	1062.2	298.8	335.0	38.8	1.8
AV/JW Tail	14	1311.8	1347.2	185.9	27.2	2.0
141	11	506.8	892.5	221.3	20.0	1.6

3.0 1994 DRILLING AND RESULTS

Five diamond drill holes were drilled for assessment on the Oro IV Claim groups in 1994 (Fig. 21). One drill hole (MC94-202) was drilled to test the northwestern extent of the JW zone, two (MC94-203,204) the northwestern extent of the 141 zone, and two (MC94-223,224) the northwestern and down-dip extension of the 141 zone. Drilling totalled 2.854.5 metres, all of which was BQTK core size. The core storage facility is in the core yard behind the Lac Mineral Ltd. office, main street (5th Ave) in downtown Stewart, BC.

Table 4: Diamond Drill Hole Summary

Hole No.	UTM Northing	UTM Easting	Elevation (m.)	UTM AZ°	Dip°	Length (m.)	Target
MC94-202	6203212.2	455786.9	1749.8	45	-70	722.38	JW Extension
MC94-203	6202495.1	456185.2	1965.5	45	-60	545.59	141 Extension
MC94-204	6202495.2	456185.4	1965.5	45	-50	554.74	141 Extension
MC94-223	6202189.7	455884.3	1828.9	45	-60	524.26	141 West
MC94-224	6202101.7	455771.1	1769.1	45	-60	507.49	141 West
					Total	**2854.46**	


D.L. 7161
487 ha
ORO IV
D.L. 7160
444 ha
ORO I
JW ZONE
AV ZONE
MARC ZONE
141 ZONE
UNDERGROUND DEVELOPMENT
Red Mountain Summit
TP-CAM
MC94-201
MC94-202
MC94-203
MC94-204
MC94-223
MC94-224
Marc Zone Portal
D.L. 7162
465 ha
HROTHGAR
ORO IV
DIAMOND DRILL HOLES
ASSIGNED FOR CLAIM ASSESSMENT
RED MOUNTAIN PROJECT
1994 SURFACE DRILL HOLES
Fig-21

3.1 JW ZONE EXTENSION DRILLING

One diamond drill hole (MC94-202) was drilled in an attempt to intersect the JW Zone mineralization 500 metres northwest of the last known drill intersection. The large step-out was due to the presence of the Rio Blanco Glacier covering the intervening distance (Fig. 18). MC94-202 was collared in well bedded, green cherty sediments, at the head of the Rio Blanco Creek, on the south cliffs.

The only notable area of mineralization occurred between 104.0-190.0 metres in a moderately sericite altered Hornblende-Feldspar-Biotite Porphyry (HFBp) unit. The mineralization consisted of 1-3% pyrite, 1-2% pyrrhotite, and trace chalcopyrite as fine irregular fracture fill and disseminations. There were only two distinguishable gold intervals intercepted: one from 104.0-110.0 metres which assayed 2.13 g/T Au over 6 metres and a one metre interval at 133.0 m producing a grade 16.26 g/T Au.

This unit is overlain by a pyroxene-biotite crystal lithic tuff, which has only been observed in the northwest region of the property. The unit is underlain by a 90 metre thick package of moderately chlorite altered epiclastics consisting of 30% finely bedded sedimentary fragments in a Hornblende-Feldspar crystal matrix (Hillside porphyry); which is in turn underlain by a thick sequence of grey to green argillites and wackes that continue to the bottom of the hole at 722.38m.

Two factors dispel the theory that the gold mineralization intercepted in drill hole MC94-202 is the JW extension. The first is that, the gold occurs at an elevation of 1650m compared to the last known intersection of the JW zone at 1550m. The JW zone moderately dips downward and historically, any faulting encountered drops downward as you proceed northward. Therefore, mineralization in the Rio Blanco area may be a related, but separate zone of fluid concentration.

The second factor is the expanse of weakly altered argillites and wackes at the bottom of the hole. There is a strong association between the ore horizons in the Marc, AV, and JW zones and the underlying presence of the Goldslide Porphyry which is believed to be the generator of the ore bearing fluids. In hole MC94-202, the Goldslide intrusion, if present, would be found much

deeper than was drilled. Therefore, the gold values intersected in hole MC94-202 may be a distant and related concentration of gold, but probably not the JW extension.

3.2 141 ZONE EXTENSION DRILLING

Two diamond drill holes (MC94-203,204) were drilled in an attempt to intersect the 141 Zone mineralization along trend and 100 metres northwest of the last known drill intersection. Both holes were collared at the same location at -60° and -50°. Historically, between 1250N and 1375N, the location of the 141 Zone has remained spatially constant associated with the sediment raft's lower contact (Fig. 20, cross-section C and D). This corridor is situated between 4725E-4775E and 1750m-1800m elevation. Therefore, the ore zone should have been intersected close to these co-ordinates even if the 141 zone trend dips shallow to the northwest.

Hole MC94-203

Hole MC94-203 intersected the 141 zone mineralization between 378.0-433.0 metres centred on 4810E and 1620m elevation approximately 100m (lower and eastward) point displacement from where projected. This places the ore intersection at the location projected for the AV/JW Tail zone. The mineralization and alteration is however characteristic of the 141 zone.

The weighted average is 2.28 g/T Au over the entire 55 metres with the main 141 zone occurring between 402.6-408.6 grading 8.46 g/T Au over 6 meters. The main zone is situated in a lithological unit too strongly porcelainous/sericite altered to determine the original texture. At 402.6m a sharp 30° mineralization transition, foliated, 25cm semi-massive pyrrhotite/chalcopyrite vein contact is encountered heralding the start of the main zone. Table 5 is a summary of the ore zone intersection and shows the dramatic transition of sulphide zonation before, within, and after the zone.

Table 5: MC94-203 Main Ore Intersection

	Metres			%				g/T
Sample #	From	To	Width	Cpy	Py	Po	Sph	Au
30858	401.6	402.6	1.0	--	tr	2.0	--	0.11
30859	402.6	403.6	1.0	2.0	--	20.0	--	9.25
30861	403.6	404.6	1.0	2.5	--	9.0	1.0	4.80
30862	404.6	405.6	1.0	2.5	--	5.0	--	9.05
30863	405.6	406.6	1.0	2.5	1	3.0	0.5	13.03
30864	406.6	407.6	1.0	0.5	5	8.0	--	5.60
30865	407.6	408.6	1.0	0.5	35	1.0	2.5	9.00
30866	408.6	409.6	1.0	--	--	5.0	--	0.47

At the upper contact pyrrhotite (po) and chalcopyrite (cpy) are predominant, but decrease towards the lower contact; oppositely the pyrite (py) and sphalerite (sph) increase towards the lower contact. The lower contact at 408.6 is defined not only by an abrupt drop in gold value but visually by the marked cessation of pyrite back to pyrrhotite mineralization.

Sporadic gold values are observed in the hangingwall zone, where the rock is less altered, resulting in mineralization constrained along bedding. Pyrrhotite prevails as 2-7% fracture fill with 1-3% pyrite and trace chalcopyrite.

The footwall envelope extends down to 459.0 meters. The rock progresses from strong down to weak porcelainous alteration/texture. The rock typically contains: 2-10% pyrrhotite veining (2-30cm), fracture fill, and disseminations; 1-3% pyrite disseminations and fracture fill; and trace but pervasive chalcopyrite. Below this envelope the strong sericite altered 'Pyrite Zone' continues to the bottom of the hole.

Hole MC94-204

Hole MC94-204 intersected a narrow, weak zone of gold mineralization between 503.5-508.5m in strongly sericitized, weakly bedded, very fine grained sediment. The alteration obliterates most of the original texture, but banding appears to reflect remnant bedding. The weighted average for the intersection is 2.57 g/T Au over 5 metres.

Table 6: MC94-204 Main Ore Intersection

Sample #	Metres From	To	Width	% Py	Po	Sph	g/T Au
37724	502.5	503.5	1.0	2	5	--	0.09
37725	503.5	504.5	1.0	5	3	--	1.51
37726	504.5	505.5	1.0	7	1	0.2	2.68
37727	505.5	507.0	1.5	7	1	--	3.95
37728	507.0	508.5	1.5	3	5	--	1.82
37729	508.5	510.0	1.5	7	1	--	0.13

There are various factors supporting the claim that the intersection in hole MC94-204 is associated with the AV/JW Tail zone and not the 141 zone.

The first is the spatial location of the intersection. The gold intersection is centred at 4965E and 1640m elevation, which is a 225m (eastward and lower) point displacement difference from the projected location of the 141 zone onto section 1500N. However, this location coincides exactly along the trend assigned to the AV/JW Tail zone.

Second, the mineralization encountered is typical of the AV/JW Tail zone. Table 5 reveals that the higher gold values are associated with a high pyrite/low pyrrhotite zone. This is in turn surrounded by a narrow high pyrrhotite/medium pyrite zone. The hangingwall envelope consists of 2-7% finely disseminated dark pyrrhotite mottling with 1-3% pyrite. The footwall represents a quick transition from pyrrhotite to the ubiquitous 'Pyrite Zone' underlying all other zones.

Third, the alteration mimics the expected zonation very closely from sericite-chlorite (footwall) to sericite (ore zone) to sericite-chlorite (hangingwall) to sericite-pyrite (pyrite zone). In addition, there are bands of lime green sericite (Chrome-Vanadium mica, Mariposite?) that have been observed in the proximity of the JW and AV/JW Tail zone; and there is a suspicious lack of porcelain alteration/texture.

3.3 141 ZONE WEST DRILLING

Hole MC94-223

Diamond drill hole MC94-223 was drilled in an attempt to intersect the 141 Zone mineralization down dip, 450 metres southwest of hole MC94-203. The hole intersected weak 141 zone mineralization between 350 and 403 metres depth. The highest Au assay graded 1.19 g/T over one metre at 351.0m.

This 53m. envelope is believed to be the down dip extension of the 141 zone because it contains characteristic, but weak, alteration and mineralization representative of the zone. Table 7 shows the general alteration zonation observed progressing down the hole. Note the strong porcelainous - sericitic alteration typical of the zone.

Table 7: Hole MC94-223 Alteration Summary

From	To	Alteration	
0.0	378.2	Unaltered-wk carbon leaching	wk sericite + chlorite
378.2	448.0	Strong porcelainous	mod-strong sericite
448.0	EOH	'Pyrite Zone'	mod sericite + chlorite

The mineralization reveals two distinct but weak sulphide sequences alluding to the presence of the 141 zone. The sequences outlined in Table 8 contain a 4-5m sphalerite halo with equal amounts (1-2%) pyrite/pyrrhotite followed by a 1-3m zone with 5-15% pyrrhotite and trace chalcopyrite.

Table 8: Hole MC94-223 Weak 141 Zone Sulphide Mineralization Zonation

	Metres			%			
	From	To	Width	Cpy	Py	Po	Sph
Sequence 1	388.0	391.7	3.7	--	1-3	1-2	tr-.5
	391.7	392.7	1.0	tr	3	15	--
Sequence 2	394.4	399.8	5.4	--	.5-1	.5-2	tr-1
	399.8	403.0	3.2	tr	2-4	6-15	--

This intersection is also believed to be the farthest western extremity of the 141 Ore Zone fluid's influence. This is due to:

- Alteration only commencing at a depth of 378.2 metres (1500m. elevation).
- Diffuse sphalerite halo marking ore horizon outermost limits or tail.
- Significant lack of gold values intercepted.
- Gold values, where present, occur along lithological contacts signifying weakest penetrative characteristic observed in other zone's extremities.
- No distinguishing 141 zone features intersected in hole MC94-224

Hole MC94-224

Diamond drill hole MC94-224 was drilled in an attempt to intersect the 141 Zone mineralization down dip, 600 metres southwest of hole MC94-203 and 150m southwest (behind) MC94-223. The hole intersected unpatterned mineralization with all assays returning a value less than 0.25 g/T Au.

No specific alteration zonation was perceived to correlate with the 141 zone, however a general pattern was observed. The hole is unaltered from 0-351m depth with moderate-strong porcelain texture and weak-moderate sericite/chlorite alteration to the end of the hole.

Hole MC94-224 was drilled beyond the western extent of the 141 zone mineralization.

4.0 CONCLUSIONS AND RECOMMENDATIONS

JW Zone Extension Drilling

Hole MC94-202 intersected a single weak mineralized zone between approximately 104-150m depth at 1600-1650m elevation. This mineralization may be a related, but separate zone of fluid concentration, in the Rio Blanco area, but is not the JW extension. This is due to:

- The last known intersection of the JW zone occurs at 1550m elevation, below MC94-202's mineralized zone.
- There is no presence, directly or indirectly, of the Goldslide Porphyry, which is closely related to the JW Zone.

The hole provided valuable information concerning the lithology, mineralization, and alteration of the northwestern region of the property; but the large step-out of 500m was too far from the last known JW zone control point to hope to intersect the zone. The Rio Blanco Glacier prevents surface drilling the intervening distance, therefore the JW zone, if followed, must be accomplished from underground. This would entail extending the underground workings and performing definition drilling from the main decline.

141 Zone Extension Drilling

Hole MC94-203 and MC94-204 intersected mineralization at a lower and eastward location than anticipated. The location, in fact, projected for the AV/JW Tail zone. The results provided a surprising dichotomy between these two holes. The mineralization and alteration in MC94-203 is characteristic of the 141 zone and MC94-204, to the east, is characteristic of the AV/JW Tail zone.

Therefore, if surmised that the trend of 141 zone plunges down to the northwest and converges with the AV/JW Tail ore fluids around section 1500N:

① MC94-204 intersected the down dip western tail of the AV/JW zone

② MC94-203 intersected the down trend eastern side of the 141 zone

The conclusion is that the main body of the 141 zone lies just to the west of the MC94-203 intersection and signifies an added 125m strike length to the ore body.

Verification of this hypothesis would entail drilling steeper from surface, from the same location, aiming for no more than a 50m target spacing or attempting to drill westward from underground, with a set up in the main decline. The intervening distance, from the last intersection at 1375N, can also be more precisely targeted utilizing this new location control point for the 141 zone at 1500N.

141 Zone West Drilling

Hole MC94-223 intersected weak 141 zone mineralization 450m southwest and down dip from the MC94-203 intersection. This provides acknowledgement that mineralization from the 141/AV/JW Tail zone extends across the intervening distance; and supports the possibility that the main 141 ore body may lie just to the west of hole MC94-203 mineralization.

Hole MC94-224 collared 150m to the southwest (behind) of hole MC94-223 outlines the southwestern (down dip) limit of mineralization for the 141/AV/JW Tail zone.

Ending Note

The 141 zone represents, at present, the least understood ore zone at Red Mountain as well as the zone with the most potential to increase the ore resource estimation. There has been previously gathered a plethora of data, however time has allowed only a cursory examination. Future efforts should utilize the available information and focus on better understanding the 141 zone; why does it exhibit different, but similar, characteristics as the other zones; what is the relationship between it and the AV/JW Tail zone, if one exists; what is its' economic potential; and many more questions need to be answered. The musings and hypotheses provided in this report are just a starting point, compiled from many sources and perspectives. May there be many more.

5.0 CERTIFICATE OF QUALIFICATIONS

I, Mike Sieb, of 1602 6th Ave, New Westminister, B.C., do hereby certify that:

1. I have studied Geology at Concordia University, Montreal, PQ and received a Bachelor of Sciences degree with Specialization in Geology in the spring of 1987.

2. I have continuously practised my profession in Quebec, Ontario, and British Columbia since graduation, except for time allotted for further studies.

3. I have worked on the Red Mountain Project, Stewart, BC since July 93.

3 I have studied Business Administration at the University of British Columbia (UBC), Vancouver, BC and received a Masters of Business Administration (MBA) in the summer of 1994.

4. I am currently contracted by Barrick Gold Corp., Royal Bank Plaza, South Tower, 200 Bay Street, Suite 2700, P.O. Box 119, Toronto, Ontario

5. The statements in this report are based on drill core, geological mapping, and office compilation on the Red Mountain project. I have personally conducted, supervised, or reviewed the work described in this report.

Dated at Vancouver this 19th day of May, 1995.

Mike Sieb, BSc. MBA

I, Scott Frostad, of #3 1749 Bayswater, Vancouver, B.C., do hereby certify that:

1. I have studied Geology at the University of Western Ontario, London, Ont. and received a Bachelor of Sciences degree in Geology in the spring of 1984.

2. I have continuously practised my profession in Quebec, Ontario, Manitoba, and British Columbia since graduation, except for time allotted for further studies.

3. I have worked on the Red Mountain Project, Stewart, BC from June 93 to December 94.

3 At present, I am a candidate for an MASc in the Department of Mining and Mineral Process Engineering at the University of British Columbia (UBC), Vancouver, BC.

4. I have currently been contracted by First Dynasty Mines Ltd., Stanford Place 2, 7979 East Tuffs Ave, Suite 410, Denver Colorado 80237, USA.

5. The statements, that I have provided, are true to the best of my knowledge.

Dated in Vancouver this 3rd day of May, 1995.

Scott Frostad, BSc.

I, Christine L. Swanson, of Box 4504, RR#2, Clearwater, B.C., do hereby certify that:

1. I have studied at the University of Calgary, Alberta and received a Bachelor of Sciences degree with a Major in Geology in the spring of 1988.

2. I have continuously practised my profession since graduation.

3. I have worked on the Red Mountain Project, Stewart, BC from May 93 to December 94.

3 I have been a member, in good standing, of the Professional Geoscientists and Engineers since 1994.

4. I have currently been contracted by First Dynasty Mines Ltd., Stanford Place 2, 7979 East Tuffs Ave, Suite 410, Denver Colorado 80237, USA.

5. The statements, that I have provided, are true to the best of my knowledge.

Dated in Clearwater this 11th day of May, 1995.

Christine L. Swanson

Christine L. Swanson, P.Geo.

I, Rob McLeod, of Box 86, Stewart B.C., do hereby certify that:

1. I have studied Geology at the University of British Columbia (UBC), Vancouver, BC and received a Bachelor of Sciences (BSc.) degree with a Major in Geology in the spring of 1993.

2. I have worked on the Red Mountain Project, Stewart, BC in the summer of 92 and June 93 to December 95.

4. I am currently employed by the Northair Group, Suite 860, 625 Howe St., Vancouver, BC.

5. The statements in this report are true to the best of my knowledge.

Dated in Vancouver this 25th day of April, 1995.

Rob McLeod, BSc.

6.0 ACKNOWLEDGEMENTS

I would like to acknowledge the hard and excellent quality of work performed by everybody involved in the Red Mountain Project throughout the 1993 and 1994 seasons. This report would not have been possible without the myriad of contributions, provided by the geologists and consultants, whom it has been a pleasure to work with.

7.0 REFERENCES

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APPENDIX I

ORO IV GROUPING AND ASSESSMENT
+
DETAILED DRILLING COST STATEMENT

Lac Minerals Ltd.
Red Mountain Project

ORO IV
GROUPING AND ASSESSMENT
APRIL 1995

GROUP	CLAIM NAME	REC # (NEW)	UNITS	OLD EXPIRY DATE	YEARS	NEW EXPIRY DATE	VALUE	RECORDING FEES
ORO95A	Oro IV	253161	20	Sep-23, 02	3	Sep-23-05	12000	600
	Oro Fr	320735	1	Sep-06, 97	8	Sep-06-05	1600	80
	Vera 3	253105	8	Sep-17, 96	9	Sep-17-05	14400	720
	Anita Fr	320870	1	Sep-14, 97	3	Sep-14-00	600	30
	Vera 5	253236	4	Sep-17, 96	9	Sep-17-05	7200	360
	Vera 8	253129	20	Sep-24, 95	2	Sep-24-97	8000	400
	Vera 9	253130	20	Sep-24, 96	1	Sep-24-97	4000	200
	Vera 10	253131	20	Sep-24, 96	1	Sep-24-97	4000	200
			94				$ 51,800	$ 2,590
ORO95B	Oro IV	253161	20	Sep-23, 02		Sep-23-05		
	Oro Fr	320735	1	Sep-06, 97		Sep-06-05		
	Vera 3	253105	8	Sep-17, 96		Sep-17-05		
	Anita Fr	320870	1	Sep-14, 97		Sep-14-00		
	Vera 6	253107	18	Sep-17, 96	4	Sep-17-00	14400	720
	Windy	320869	3	Sep-14, 97		Sep-14-97		
	Vera 11	253132	20	Sep-24, 96	1	Sep-24-97	4000	200
	Sarah 8	253114	20	Sep-15, 95	2	Sep-15-97	8000	400
			91				$ 26,400	$ 1,320
ORO95C	Oro IV	253161	20	Sep-23, 02		Sep-23-05		
	Oro Fr	320735	1	Sep-06, 97		Sep-06-05		
	Vera 3	253105	8	Sep-17, 96		Sep-17-05		
	Anita Fr	320870	1	Sep-14, 97		Sep-14-00		
	Vera 6	253107	18	Sep-17, 96		Sep-17-00		
	Windy	320869	3	Sep-14, 97		Sep-14-97		
	Sarah 8	253114	20	Sep-15, 95		Sep-15-97		
	Sarah 7	253113	20	Sep-15, 95	2	Sep-15-97	8000	400
			91				$ 8,000	$ 400
ORO95D	Oro IV	253161	20	Sep-23, 02		Sep-23-05		
	Oro Fr	320735	1	Sep-06, 97		Sep-06-05		
	Vera 3	253105	8	Sep-17, 96		Sep-17-05		
	Anita Fr	320870	1	Sep-14, 97		Sep-14-00		
	Vera 6	253107	18	Sep-17, 96		Sep-17-00		
	Windy	320869	3	Sep-14, 97		Sep-14-97		
	Sarah 8	253114	20	Sep-15, 95		Sep-15-97		
	Sarah 9	253115	20	Sep-15, 95	2	Sep-15-97	8000	400
			91				$ 8,000	$ 400
ORO95E	Oro IV	253161	20	Sep-23, 02		Sep-23-05		
	Oro Fr	320735	1	Sep-06, 97		Sep-06-05		
	Vera 3	253105	8	Sep-17, 96		Sep-17-05		
	Anita Fr	320870	1	Sep-14, 97		Sep-14-00		
	Vera 6	253107	18	Sep-17, 96		Sep-17-00		
	Windy	320869	3	Sep-14, 97		Sep-14-97		
	Sarah 8	253114	20	Sep-15, 95		Sep-15-97		
	Sarah 10	253116	20	Sep-15, 95	2	Sep-15-97	8000	400
			91				$ 8,000	$ 400

Lac Minerals Ltd.
Red Mountain Project

ORO IV
GROUPING AND ASSESSMENT
APRIL 1995

GROUP	CLAIM NAME	REC # (NEW)	UNITS	OLD EXPIRY DATE	YEARS	NEW EXPIRY DATE	VALUE	RECORDING FEES
ORO95F	Oro IV	253161	20	Sep-23, 02		Sep-23-05		
	Oro Fr	320735	1	Sep-06, 97		Sep-06-05		
	Vera 3	253105	8	Sep-17, 96		Sep-17-05		
	Bon Accord	251660	1	Feb-16, 05		Feb-16, 05		
	Bon Accord 1	251661	1	Feb-16, 05		Feb-16, 05		
	Bon Accord 2	251627	1	Jan-19, 05		Jan-19, 05		
	Bon Accord 3	251628	1	Jan-19, 05		Jan-19, 05		
	Bon Accord 4	251629	1	Jan-19, 05		Jan-19, 05		
	Bon Accord 5	251630	1	Jan-19, 05		Jan-19, 05		
	Bon Accord 6	251631	1	Jan-19, 05		Jan-19, 05		
	Bon Accord 7	251632	1	Jan-19, 05		Jan-19, 05		
	Bon Accord 8	251633	1	Jan-19, 05		Jan-19, 05		
	Bon Accord 9	251662	1	Feb-16, 05		Feb-16-05		
	Bon Accord 10	251663	1	Feb-16, 05		Feb-16-05		
	Pam 1	250795	20	Sep-26, 96	9	Sep-26-05	36000	1800
	Pam 2	250796	1	Sep-26, 97	8	Sep-26-05	1600	80
	Kim 1	250781	1	Sep-26, 96	9	Sep-26-05	1800	90
	Kim 2	250782	1	Sep-26, 96	9	Sep-26-05	1800	90
	Kim 3	250783	1	Sep-26, 96	9	Sep-26-05	1800	90
	Kim 4	250784	1	Sep-26, 96	9	Sep-26-05	1800	90
	Kim 5	250785	1	Sep-26, 96	9	Sep-26-05	1800	90
	Kim 6	250786	1	Sep-26, 96	9	Sep-26-05	1800	90
	Kim 7	250787	1	Sep-26, 96	9	Sep-26-05	1800	90
	Kim 8	250788	1	Sep-26, 96	9	Sep-26-05	1800	90
	Kim 9	250789	1	Sep-26, 96	9	Sep-26-05	1800	90
	Kim 10	250790	1	Sep-26, 96	9	Sep-26-05	1800	90
	Kim 11	250791	1	Sep-26, 96	9	Sep-26-05	1800	90
	Kim 12	250792	1	Sep-26, 96	9	Sep-26-05	1800	90
	Kim 13	250793	1	Sep-26, 96	9	Sep-26-05	1800	90
	Kim 14	250794	1	Sep-26, 96	9	Sep-26-05	1800	90
	Kim Fr	321646	1	Oct-12, 97	8	Oct-12-05	1600	80
	Rose	321029	3	Sep-20, 97	8	Sep-20-05	4800	240
	Sabina 1	320189	12	Aug-03, 97	8	Aug-03-05	19200	960
			91				**$ 88,400**	**$ 4,420**
ORO95G	Oro IV	253161	20	Sep-23, 02		Sep-23-05		
	Oro Fr	320735	1	Sep-06, 97		Sep-06-05		
	Vera 3	253105	8	Sep-17, 96		Sep-17-05		
	Vera 4	253106	18	Sep-16, 96	9	Sep-16-05	32400	1620
	Sarah 1	253172	20	Sep-26, 95	5	Sep-26-00	20000	1000
	Sarah Fr	319423	1	Jul-20, 97		Jul-20-97		
	Sarah 3	253109	6	Sep-15, 95	2	Sep-15-97	2400	120
	Sarah 4	253110	2	Sep-15, 95	2	Sep-15-97	800	40
	Sarah 5	253111	4	Sep-15, 95	2	Sep-15-97	1600	80
	Sarah 6	253112	12	Sep-15, 95	2	Sep-15-97	4800	240
			92				**$ 62,000**	**$ 3,100**

Lac Minerals Ltd.
Red Mountain Project

ORO IV
GROUPING AND ASSESSMENT
APRIL 1995

GROUP	CLAIM NAME	REC # (NEW)	UNITS	OLD EXPIRY DATE	YEARS	NEW EXPIRY DATE	VALUE	RECORDING FEES
ORO95H	Oro IV	253161	20	Sep-23, 02		Sep-23-05		
	Oro Fr	320735	1	Sep-06, 97		Sep-06-05		
	Vera 3	253105	8	Sep-17, 96		Sep-17-05		
	Vera 4	253106	18	Sep-16, 96		Sep-16-05		
	Lindy	320866	6	Sep-08, 97		Sep-08-97		
	Dick 1	253078	20	Sep-09, 95	2	Sep-09-97	8000	400
	Sarah 2	253173	15	Sep-26, 96	4	Sep-26-00	12000	600
			88				$ 20,000	$ 1,000
ORO95I	Oro IV	253161	20	Sep-23, 02		Sep-23-05		
	Oro Fr	320735	1	Sep-06, 97		Sep-06-05		
	Theresa	320737	20	Sep-02, 97	3	Sep-02-00	12000	600
	Dick 2	253079	20	Sep-09, 97		Sep-09-97		
	Dick 4	253081	20	Sep-09, 95	2	Sep-09-97	8000	400
	Vera 7	253108	8	Sep-16, 96	1	Sep-16-97	1600	80
			89				$ 21,600	$ 1,080
ORO95J	Oro IV	253161	20	Sep-23, 02		Sep-23-05		
	Oro Fr	320735	1	Sep-06, 97		Sep-06-05		
	Theresa	320737	20	Sep-02, 97		Sep-02-00		
	Dick 2	253079	20	Sep-09, 97		Sep-09-97		
	Dick 3	253080	20	Sep-09, 95	2	Sep-09-97	8000	400
			81				$ 8,000	$ 400
ORO95K	Oro IV	253161	20	Sep-23, 02		Sep-23-05		
	Oro V	253162	20	Sep-23, 02		Sep-23-02		
	Vera 1	253119	20	Sep-16, 96	1	Sep-16-97	4000	200
	Vera 2	253120	20	Sep-16, 96	1	Sep-16-97	4000	200
	Sandra Fr	320992	1	Aug-30, 97	3	Aug-30-00	600	30
	Ren	320930	5	Aug-30, 97	3	Aug-30-00	3000	150
			86				$ 11,600	$ 580
ORO95L	Oro IV	253161	20	Sep-23, 02		Sep-23-05		
	Oro I	253158	18	Sep-16, 02	3	Sep-16-05	10800	540
	Dixie 2	252944	15	Jul-15, 96	1	Jul-15-97	3000	150
	Dixie 3	252945	15	Jul-15, 96	4	Jul-15-00	12000	600
	Dixie 4	252946	18	Jul-15, 96	1	Jul-15-97	3600	180
	Michaela	320929	6	Aug-30, 97	3	Aug-30-00	3600	180
			92				$ 33,000	$ 1,650
ORO95M	Oro IV	253161	20	Sep-23, 02		Sep-23-05		
	Lisa 2	252991	20	Aug-12, 96	4	Aug-12-00	16000	800
	Lisa 3	252992	20	Aug-12, 96	1	Aug-12-97	4000	200
	Lisa 4	252993	20	Aug-12, 96	1	Aug-12-97	4000	200
	Willoughby 3	252217	20	Sep-21, 95	2	Sep-21-97	8000	400
			100				$ 32,000	$ 1,600

Lac Minerals Ltd.
Red Mountain Project

ORO IV
GROUPING AND ASSESSMENT
APRIL 1995

GROUP	CLAIM NAME	REC # (NEW)	UNITS	OLD EXPIRY DATE	YEARS	NEW EXPIRY DATE	VALUE	RECORDING FEES
ORO95N	Oro IV	253161	20	Sep-23, 02		Sep-23-05		
	Hrothgar	253153	20	Jul-11, 02	3	Jul-11-05	12000	600
	Oro I	253158	18	Sep-16, 02		Sep-16-05		
	Lisa 1	252990	20	Aug-12, 96	1	Aug-12-97	4000	200
	Dixie 1	252943	18	Jul-15, 96	4	Jul-15-00	14400	720
			96				$ 30,400	$ 1,520
						TOTAL:	$ 409,200	$ 20,460

Lac Minerals Ltd.
Red Mountain Project

ORO IV
Diamond Drilling
Detailed Cost Statement

MC94-202 Sept. 15-23, 1994

Diamond Drilling

Date	Coring (Feet) From	To	Total Footage	Rate	Amount	
Sept. 15-23	0	500	500	$ 17.90	$ 8,950.00	
	500	1000	500	$ 18.90	$ 9,450.00	
	1000	1500	500	$ 20.10	$ 10,050.00	
	1500	2000	500	$ 21.30	$ 10,650.00	
	2000	2370	370	$ 23.60	$ 8,732.00	
						$ 47,832.00

Man and Machine Hours

Date	Drill	Man	Total Hrs.	Rate	Amount	
Sept.15	8.5	17.0	25.5	$ 24.00	$ 612.00	
Sept.16	6.5	13.0	19.5	$ 24.00	$ 468.00	
Sept.17	4.0	8.0	12.0	$ 24.00	$ 288.00	
Sept.18	8.0	16.0	24.0	$ 24.00	$ 576.00	
Sept.19	5.0	10.0	15.0	$ 24.00	$ 360.00	
Sept.20	3.0	6.0	9.0	$ 24.00	$ 216.00	
Sept.21	4.5	9.0	13.5	$ 24.00	$ 324.00	
Sept.22	7.0	14.0	21.0	$ 24.00	$ 504.00	
Sept.23	8.0	0.0	8.0	$ 24.00	$ 192.00	
						$ 3,540.00

Materials Used, Lost, or Damaged

Date	Quantity	Item	Cost	Amount	
Sept. 15	1	BQTK Bit	$ 512.00	$ 512.00	
Sept. 16	1	BQTK Bit	$ 512.00	$ 512.00	
Sept. 18	1	BQTK Bit	$ 512.00	$ 512.00	
					$ 1,536.00

Assay Costs

Quantity	Item	Cost	Amount	
130	Sample Prep	$ 4.68	$ 608.40	
130	Au Assay	$ 9.41	$ 1,223.30	
130	30 Element ICP	$ 5.23	$ 679.90	
45	Whole Rock Prep	$ 1.10	$ 49.50	
45	Whole Rock Assay	$ 22.88	$ 1,029.60	
				$ 3,590.70

Camp Costs

9 days x 4 drillers x $75/day — $ 2,700.00

Labour

Geologist: 8 days core logging @ $190/day	$ 1,520.00	
Labourer: 4.5 days core sawing @ $100/day	$ 450.00	
		$ 1,970.00

Exploration and Development Sub-Total: $ 61,168.70

Helicopter Costs

Date	Hours	Helicopter	Rate	Amount
Sept.15	2.1	Hughes 500D	$ 695.00	$ 1,459.50
	0.3	Bell 205A-1	$ 1,760.00	$ 528.00
Sept.16	2	Hughes 500D	$ 695.00	$ 1,390.00
	0.7	Bell 205A-1	$ 1,760.00	$ 1,232.00
Sept.17	1.2	Hughes 500D	$ 695.00	$ 834.00
	0.3	Bell 205A-1	$ 1,760.00	$ 528.00
Sept.18	0.2	Hughes 500D	$ 695.00	$ 139.00
	0.5	Bell 205A-1	$ 1,760.00	$ 880.00
Sept.19	2.1	Hughes 500D	$ 695.00	$ 1,459.50
	0.3	Bell 205A-1	$ 1,760.00	$ 528.00
Sept.20	2.7	Hughes 500D	$ 695.00	$ 1,876.50
	0.3	Bell 205A-1	$ 1,760.00	$ 528.00
Sept.21	1.9	Hughes 500D	$ 695.00	$ 1,320.50
	0.6	Bell 205A-1	$ 1,760.00	$ 1,056.00
Sept.22	2.2	Hughes 500D	$ 695.00	$ 1,529.00
	0.3	Bell 205A-1	$ 1,760.00	$ 528.00
Sept.23	2.0	Hughes 500D	$ 695.00	$ 1,390.00
	0.9	Bell 205A-1	$ 1,760.00	$ 1,584.00
			Total Helicopter Costs:	$ 18,790.00

Maximum Allowable Helicopter Transportation Costs:
50% x Exploration and Development Costs = $ 30,584.35

Helicopter Costs Sub-Total: $ 18,790.00

MC94-202 Total Cost: $ 79,958.70

Lac Minerals Ltd.
Red Mountain Project

ORO IV
Diamond Drilling
Detailed Cost Statement

MC94-203 **Sept. 24 - Oct 1, 1994**

Diamond Drilling

Date	Coring (Feet) From	To	Total Footage	Rate	Amount	
Sept. 24 - Oct 1, 1994	0	500	500	$ 17.90	$ 8,950.00	
	500	1000	500	$ 18.90	$ 9,450.00	
	1000	1500	500	$ 20.10	$ 10,050.00	
	1500	1790	290	$ 21.30	$ 6,177.00	
						$ 34,627.00

Man and Machine Hours

Date	Drill	Man	Total Hrs.	Rate	Amount	
Sept.24	2.0	8.0	10.0	$ 24.00	$ 240.00	
Sept.25	2.0	4.0	6.0	$ 24.00	$ 144.00	
Sept.26	5.0	10.0	15.0	$ 24.00	$ 360.00	
Sept.27	3.0	6.0	9.0	$ 24.00	$ 216.00	
Sept.28	3.0	6.0	9.0	$ 24.00	$ 216.00	
Sept.29	2.0	20.0	22.0	$ 24.00	$ 528.00	
Sept.30	5.0	10.0	15.0	$ 24.00	$ 360.00	
						$ 2,064.00

Materials Used, Lost, or Damaged

Date	Quantity	Item	Cost	Amount	
Sept.24	1	5' BW Casing	$ 83.30	$ 83.30	
	1	BW Casing Shoe	$ 165.00	$ 165.00	
					$ 248.30

Assay Costs

Quantity	Item	Cost	Amount	
144	Sample Prep	$ 4.68	$ 673.92	
144	Au Assay	$ 9.41	$ 1,355.04	
144	30 Element ICP	$ 5.23	$ 753.12	
28	Whole Rock Prep	$ 1.10	$ 30.80	
28	Whole Rock Assay	$ 22.88	$ 640.64	
				$ 3,453.52

Camp Costs

7 days x 4 drillers x $75/day — **$ 2,100.00**

Labour

Geologist: 6 days core logging @ $190/day	$ 1,140.00	
Labourer: 5 days core sawing @ $100/day	$ 500.00	
		$ 1,640.00

Exploration and Development Sub-Total: $ 44,132.82

Helicopter Costs

Date	Hours	Helicopter	Rate	Amount
Sept. 24	0.3	Bell 206B	$ 675.00	$ 202.50
	2.5	Hughes 500D	$ 695.00	$ 1,737.50
	0.1	Bell 205A-1	$ 1,760.00	$ 176.00
Sept. 25	2.5	Bell 206B	$ 675.00	$ 1,687.50
	0.5	Bell 205A-1	$ 1,760.00	$ 880.00
Sept. 26	1.4	Bell 206B	$ 675.00	$ 945.00
	1.4	Hughes 500D	$ 695.00	$ 973.00
	0.5	Bell 205A-1	$ 1,760.00	$ 880.00
Sept. 27	2.1	Hughes 500D	$ 695.00	$ 1,459.50
	0.5	Bell 205A-1	$ 1,760.00	$ 880.00
Sept. 28	1.7	Hughes 500D	$ 695.00	$ 1,181.50
	0.6	Bell 205A-1	$ 1,760.00	$ 1,056.00
Sept.29	2.9	Hughes 500D	$ 695.00	$ 2,015.50
Sept.30	0.3	Bell 206B	$ 675.00	$ 202.50
	2.7	Hughes 500D	$ 695.00	$ 1,876.50
	0.5	Bell 205A-1	$ 1,760.00	$ 880.00
Oct. 1	0.3	Bell 206B	$ 675.00	$ 202.50
	0.7	Hughes 500D	$ 695.00	$ 486.50
	0.2	Bell 205A-1	$ 1,760.00	$ 352.00
			Total Helicopter Costs:	$ 18,074.00

Maximum Allowable Helicopter Transportation Costs:
50% x Exploration and Development Costs = $ 22,066.41

Helicopter Costs Sub-Total: $ 18,074.00

MC94-203 Total Cost: $ 62,206.82

Lac Minerals Ltd.
Red Mountain Project

ORO IV
Diamond Drilling
Detailed Cost Statement

MC94-204 Oct. 1-6, 1994

Diamond Drilling

Date	Coring (Feet) From	To	Total Footage	Rate	Amount	
Oct. 1-6	0	500	500	$ 17.90	$ 8,950.00	
	500	1000	500	$ 18.90	$ 9,450.00	
	1000	1500	500	$ 20.10	$ 10,050.00	
	1500	1820	320	$ 21.30	$ 6,816.00	
						$ 35,266.00

Man and Machine Hours

Date	Drill	Man	Total Hrs.	Rate	Amount	
Oct. 1	2.0	4.0	6.0	$ 24.00	$ 144.00	
Oct. 2	1.0	2.0	3.0	$ 24.00	$ 72.00	
Oct. 3	2.5	5.0	7.5	$ 24.00	$ 180.00	
Oct. 4	1.5	2.5	4.0	$ 24.00	$ 96.00	
Oct. 5	4.0	8.0	12.0	$ 24.00	$ 288.00	
Oct. 6	2.0	4.0	6.0	$ 24.00	$ 144.00	
						$ 924.00

Materials Used, Lost, or Damaged

Date	Quantity	Item	Cost	Amount	
Oct. 1	1	5' BW Casing	$ 83.30	$ 83.30	
	1	BW Casing Shoe	$ 165.00	$ 165.00	
Oct. 5	2	BQTK Bit	$ 512.00	$ 1,024.00	
					$ 1,272.30

Assay Costs

Quantity	Item	Cost	Amount	
186	Sample Prep	$ 4.68	$ 870.48	
186	Au Assay	$ 9.41	$ 1,750.26	
186	30 Element ICP	$ 5.23	$ 972.78	
27	Whole Rock Prep	$ 1.10	$ 29.70	
27	Whole Rock Assay	$ 22.88	$ 617.76	
				$ 4,240.98

Camp Costs

6 days x 4 drillers x $75/day — $ 1,800.00

Labour

Geologist: 6 days core logging @ $190/day	$ 1,140.00	
Labourer: 5 days core sawing @ $100/day	$ 500.00	
		$ 1,640.00

Exploration and Development Sub-Total: $ 45,143.28

Helicopter Costs

Date	Hours	Helicopter	Rate	Amount
Oct. 1	0.7	Hughes 500D	$ 695.00	$ 486.50
	0.6	Bell 206B	$ 675.00	$ 405.00
Oct. 2	1.1	Bell 206B	$ 675.00	$ 742.50
	2.4	Hughes 500D	$ 695.00	$ 1,668.00
	0.2	Bell 205A-1	$ 1,760.00	$ 352.00
Oct. 3	0.6	Bell 206B	$ 675.00	$ 405.00
	2.4	Hughes 500D	$ 695.00	$ 1,668.00
Oct. 4	0.8	Bell 206B	$ 675.00	$ 540.00
	2.5	Hughes 500D	$ 695.00	$ 1,737.50
	0.2	Bell 205A-1	$ 1,760.00	$ 352.00
Oct. 5	0.6	Bell 206B	$ 675.00	$ 405.00
	2.3	Hughes 500D	$ 695.00	$ 1,598.50
	0.4	Bell 205A-1	$ 1,760.00	$ 704.00
Oct. 6	0.8	Bell 206B	$ 675.00	$ 540.00
	1.6	Hughes 500D	$ 695.00	$ 1,112.00
	0.4	Bell 205A-1	$ 1,760.00	$ 704.00
			Total Helicopter Costs:	**$ 13,420.00**

Maximum Allowable Helicopter Transportation Costs:
50% x Exploration and Development Costs = $ 22,571.64

Helicopter Costs Sub-Total: $ 13,420.00

MC94-204 Total Cost: $ 58,563.28

Lac Minerals Ltd.
Red Mountain Project

ORO IV
Diamond Drilling
Detailed Cost Statement

MC94-223 Oct. 6-13, 1994

Diamond Drilling

Date	Coring (Feet) From	To	Total Footage	Rate	Amount	
Oct. 6-13	0	500	500	$ 17.90	$ 8,950.00	
	500	1000	500	$ 18.90	$ 9,450.00	
	1000	1500	500	$ 20.10	$ 10,050.00	
	1500	1720	220	$ 21.30	$ 4,686.00	
						$ 33,136.00

Man and Machine Hours

Date	Drill	Men	Total Hrs.	Rate	Amount	
Oct. 8	1.0	2.0	3.0	$ 24.00	$ 72.00	
Oct. 9	4.5	9.0	13.5	$ 24.00	$ 324.00	
Oct. 10	5.5	11.0	16.5	$ 24.00	$ 396.00	
Oct. 11	1.0	2.0	3.0	$ 25.00	$ 75.00	
Oct. 13	4.0	8.0	12.0	$ 24.00	$ 288.00	
						$ 1,155.00

Materials Used, Lost, or Damaged

Date	Quantity	Item	Cost	Amount	
Oct. 6	2	5' BW Casing	$ 83.30	$ 166.60	
	1	BW Casing Shoe	$ 165.00	$ 165.00	
Oct. 8	1	BQTK Bit	$ 512.00	$ 512.00	
Oct. 9	1	BQTK Bit	$ 512.00	$ 512.00	
Oct. 10	1	BQTK Bit	$ 512.00	$ 512.00	
Oct. 13	1	BQTK Bit	$ 512.00	$ 512.00	
					$ 2,379.60

Assay Costs

Quantity	Item	Cost	Amount	
123	Sample Prep	$ 4.68	$ 575.64	
123	Au Assay	$ 9.41	$ 1,157.43	
123	30 Element ICP	$ 5.23	$ 643.29	
26	Whole Rock Prep	$ 1.10	$ 28.60	
26	Whole Rock Assay	$ 22.88	$ 594.88	
				$ 2,999.84

Camp Costs

8 days x 4 drillers x $75/day $ 2,400.00

Labour

Geologist: 5.5 days core logging @ $190/day $ 1,045.00
Labourer: 3.5 days core sawing @ $100/day $ 350.00
$ 1,395.00

Exploration and Development Sub-Total: $ 43,465.44

Helicopter Costs

Date	Hours	Helicopter	Rate	Amount
Oct. 6	1.1	Bell 206B	$ 675.00	$ 742.50
	1.7	Hughes 500D	$ 695.00	$ 1,181.50
	0.4	Bell 205A-1	$ 1,760.00	$ 704.00
Oct. 7	0.5	Bell 206B	$ 675.00	$ 337.50
	2.4	Hughes 500D	$ 695.00	$ 1,668.00
Oct. 8	0.8	Bell 206B	$ 675.00	$ 540.00
	0.5	Bell 205A-1	$ 1,760.00	$ 880.00
Oct. 9	2.3	Bell 206B	$ 675.00	$ 1,552.50
	0.7	Bell 205A-1	$ 1,760.00	$ 1,232.00
Oct. 10	1	Bell 206B	$ 675.00	$ 675.00
	0.2	Bell 205A-1	$ 1,760.00	$ 352.00
Oct. 11	1.6	Bell 206B	$ 675.00	$ 1,080.00
Oct. 12	1.2	Bell 206B	$ 675.00	$ 810.00
	0.2	Bell 205A-1	$ 1,760.00	$ 352.00
Oct. 13	2.2	Bell 206B	$ 675.00	$ 1,485.00
	0.4	Bell 205A-1	$ 1,760.00	$ 704.00
			Total Helicopter Costs:	$ 14,296.00

Maximum Allowable Helicopter Transportation Costs:
50% x Exploration and Development Costs = $ 21,732.72

Helicopter Costs Sub-Total: $ 14,296.00

MC94-223 Total Cost: $ 57,761.44

Lac Minerals Ltd.
Red Mountain Project

ORO IV
Diamond Drilling
Detailed Cost Statement

MC94-224 Oct. 7-14, 1994

Diamond Drilling

Date	Coring (Feet) From	To	Total Footage	Rate	Amount	
Oct. 7-14	0	500	500	$ 17.90	$ 8,950.00	
	500	1000	500	$ 18.90	$ 9,450.00	
	1000	1500	500	$ 20.10	$ 10,050.00	
	1500	1665	165	$ 21.30	$ 3,514.50	
						$ 31,964.50

Man and Machine Hours

Date	Drill	Man	Total Hrs.	Rate	Amount	
Oct. 8	2.5	5.0	7.5	$ 24.00	$ 180.00	
Oct. 9	2.5	5.0	7.5	$ 24.00	$ 180.00	
Oct. 10	2.5	5.0	7.5	$ 24.00	$ 180.00	
Oct. 11	4.5	9.0	13.5	$ 24.00	$ 324.00	
Oct. 12	3.5	7.0	10.5	$ 24.00	$ 252.00	
Oct. 13	2.5	5.0	7.5	$ 25.00	$ 187.50	
Oct. 14	1.0	2.0	3.0	$ 24.00	$ 72.00	
						$ 1,375.50

Materials Used, Lost, or Damaged

Date	Quantity	Item	Cost	Amount	
Oct. 7	1	BQTK Bit	$ 512.00	$ 512.00	
Oct. 8	1	BQTK Bit	$ 512.00	$ 512.00	
Oct. 9	1	BQTK Bit	$ 512.00	$ 512.00	
Oct. 9	1	BQTK Reaming Shel	$ 409.00	$ 409.00	
Oct. 11	1	BQTK Bit	$ 512.00	$ 512.00	
Oct. 11	1	BQTK Reaming Shel	$ 409.00	$ 409.00	
Oct. 12	1	BQTK Bit	$ 512.00	$ 512.00	
					$ 3,378.00

Assay Costs

Quantity	Item	Cost	Amount	
152	Sample Prep	$ 4.68	$ 711.36	
152	Au Assay	$ 9.41	$ 1,430.32	
152	30 Element ICP	$ 5.23	$ 794.96	
27	Whole Rock Prep	$ 1.10	$ 29.70	
27	Whole Rock Assay	$ 22.88	$ 617.76	
				$ 3,584.10

Camp Costs

8 days x 4 drillers x $75/day — $ 2,400.00

Labour

Geologist: 5.5 days core logging @ $180/day — $ 1,045.00
Labourer: 4 days core sawing @ $100/day — $ 400.00
$ 1,445.00

Exploration and Development Sub-Total: $ 44,147.10

Helicopter Costs

Date	Hours	Helicopter	Rate	Amount	
Oct. 7	0.5	Bell 206B	$ 675.00	$ 337.50	
	4.0	Hughes 500D	$ 695.00	$ 2,780.00	
Oct. 8	0.8	Bell 206B	$ 675.00	$ 540.00	
	0.5	Bell 205A-1	$ 1,760.00	$ 880.00	
Oct. 9	2.3	Bell 206B	$ 675.00	$ 1,552.50	
	0.7	Bell 205A-1	$ 1,760.00	$ 1,232.00	
Oct. 10	1.0	Bell 206B	$ 675.00	$ 675.00	
	0.2	Bell 205A-1	$ 1,760.00	$ 352.00	
Oct. 11	1.6	Bell 206B	$ 675.00	$ 1,080.00	
Oct. 12	1.2	Bell 206B	$ 675.00	$ 810.00	
	0.2	Bell 205A-1	$ 1,760.00	$ 352.00	
Oct. 13	2.2	Bell 206B	$ 675.00	$ 1,485.00	
	0.4	Bell 205A-1	$ 1,760.00	$ 704.00	
Oct. 14	0.3	Bell 206B	$ 675.00	$ 202.50	
	1.2	Hughes 500D	$ 695.00	$ 834.00	
	1.0	Bell 205A-1	$ 1,760.00	$ 1,760.00	
			Total Helicopter Costs:	$ 15,676.50	

Maximum Allowable Helicopter Transportation Costs:
50% x Exploration and Development Costs = $ 22,073.55

Helicopter Costs Sub-Total: $ 15,676.50

MC94-224 Total Cost: $ 59,723.60

LAC MINERALS LTD.
RED MOUNTAIN PROJECT

ORO IV
GROUP AND ASSESSMENT
COST SUMMARY

Dispensation of Allowable Credits

	Range of Dates	COST	PAC ALLOWANCE	TOTAL
MC94-223	Oct. 6-13, 1994	$ 57,761	$ 17,328	$ 75,090
ORO95G	Sept. 15 - 26	($ 47,692)	($ 14,308)	($ 62,000)
	Remaining credit:	$ 10,069	$ 3,021	$ 13,090
MC94-223	Oct. 6-13, 1994	$ 10,069	$ 3,021	$ 13,090
MC94-224*	Oct. 7-14, 1994	$ 59,724	$ 17,917	$ 77,641
ORO95F	Aug. 3 - Oct. 12	($ 68,000)	($ 20,400)	($ 88,400)
	Remaining credit:	$ 1,793	$ 538	$ 2,331
MC94-202	Sept. 15-23, 1994	$ 79,959	$ 23,988	$ 103,946
ORO95C	Sept. 15	($ 6,154)	($ 1,846)	($ 8,000)
ORO95D	Sept. 15	($ 6,154)	($ 1,846)	($ 8,000)
ORO95E	Sept. 15	($ 6,154)	($ 1,846)	($ 8,000)
ORO95I	Sept. 2 - 16	($ 16,615)	($ 4,985)	($ 21,600)
ORO95J	Sept. 9	($ 6,154)	($ 1,846)	($ 8,000)
ORO95N	July 11 - Aug. 12	($ 23,385)	($ 7,015)	($ 30,400)
	Remaining credit:	$ 15,343	$ 4,603	$ 19,946
MC94-204	Oct. 1-6, 1994	$ 58,563	$ 17,569	$ 76,132
ORO95H	Sept. 9 - 26	($ 15,385)	($ 4,615)	($ 20,000)
ORO95A	Sept. 6 - 24	($ 39,846)	($ 11,954)	($ 51,800)
	Remaining credit:	$ 3,333	$ 1,000	$ 4,332
MC94-203	Sept. 24 - Oct 1, 1994	$ 62,207	$ 18,662	$ 80,869
ORO95B	Sept. 15 - 24	($ 20,308)	($ 6,092)	($ 26,400)
ORO95K	Aug. 30 - Sept. 16	($ 8,923)	($ 2,677)	($ 11,600)
ORO95M	Aug. 12 - Sept. 21	($ 24,615)	($ 7,385)	($ 32,000)
	Remaining credit:	$ 8,361	$ 2,508	$ 10,869
MC94-202	Sept. 15-23, 1994	$ 15,343	$ 4,603	$ 19,946
MC94-203**	Sept. 24 - Oct 1, 1994	$ 8,361	$ 2,508	$ 10,869
MC94-204	Oct. 1-6, 1994	$ 3,333	$ 1,000	$ 4,332
MC94-223	Oct. 6-13, 1994			
MC94-224	Oct. 7-14, 1994	$ 1,793	$ 538	$ 2,331
ORO95L	July 15 - Sept. 16	($ 25,385)	($ 7,615)	($ 33,000)
	Remaining credit:	$ 3,445	$ 1,033	$ 4,478

* $ 1,600 credited to Kim Fr.(Oct. 12) from latter two days of drilling

** $10,800 credited to Oro I (Sept. 16)

APPENDIX II

30 ELEMENT ICP
+
WHOLE ROCK DRILLING RESULTS

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
MC94-202			(If assay column contains a decimal = g/T, otherwise = ppm)																															
RMC37437	4.00	5.00	<.2	0.85	<5	168	50	<5	2.51	<1	23	128	93	4.79	0.04	<10	0.72	385	<1	0.05	56	1240	4	5	<20	52	<50	0.14	<10	75	<10	4	16
RMC37438	19.00	20.00	<.2	1.6	25	14	30	<5	1.18	2	16	127	93	5.08	<.01	<10	1.35	722	<1	0.04	42	1260	26	15	<20	24	<50	0.1	10	123	<10	2	148
RMC37439	36.00	37.00	<.2	0.73	15	10	40	<5	2.05	<1	35	97	221	7.37	0.04	<10	0.56	436	<1	0.05	45	1310	6	<5	<20	48	<50	<.01	20	99	<10	<1	18
RMC37441	54.00	55.00	<.2	1.69	<5	12	45	<5	2.05	<1	24	118	216	6.32	0.01	<10	1.54	1038	<1	0.05	54	1420	10	10	<20	43	<50	0.17	20	166	<10	6	41
RMC37442	71.00	72.00	<.2	1.25	<5	26	40	<5	1.57	<1	15	163	98	4.37	0.02	<10	1.25	636	<1	0.03	41	820	10	10	<20	29	<50	0.1	<10	123	<10	4	30
RMC37443	80.00	81.00	<.2	1.13	10	10	45	<5	2.05	<1	31	182	208	5.52	0.02	<10	1.04	491	2	0.02	51	750	6	<5	<20	35	<50	0.07	10	165	<10	8	54
RMC37444	93.00	94.00	<.2	4.15	10	16	70	20	5.88	<1	18	253	63	8.16	<.01	<10	4.27	1756	<1	0.01	86	1590	20	20	<20	111	<50	0.12	10	192	<10	1	65
RMC37445	94.00	95.00	<.2	4.71	<5	12	85	<5	9.1	<1	26	262	194	10.4	0.03	<10	4.69	2295	<1	0.01	118	1550	16	15	<20	204	<50	0.12	20	231	10	3	78
RMC37446	95.00	96.00	<.2	4.32	25	16	70	10	4.58	1	25	270	107	9.7	0.03	<10	4.5	1919	<1	0.01	78	1410	24	15	<20	123	<50	0.09	30	231	<10	<1	96
RMC37447	96.00	97.00	0.8	2.21	50	12	50	<5	5.48	<1	22	114	168	7.26	0.06	<10	2.09	1089	<1	0.02	38	1300	22	15	<20	188	<50	<.01	10	148	<10	<1	46
RMC37448	97.00	98.00	0.4	3.51	60	8	50	<5	4.41	2	50	359	253	14.8	<.01	<10	3.3	1320	<1	0.01	131	1310	14	<5	<20	98	<50	0.08	30	242	<10	<1	86
RMC37449	98.00	99.00	1	3.29	35	10	45	10	5.6	1	39	280	202	11.9	<.01	<10	3.2	1345	<1	0.02	90	1080	12	5	<20	109	<50	0.1	20	199	<10	<1	116
RMC37450	99.00	100.00	6	3.77	55	12	50	<5	7.77	2	41	364	279	13.2	<.01	<10	3.69	1801	<1	0.01	154	1390	18	10	<20	165	<50	0.12	20	245	<10	<1	112
RMC37451	100.00	101.00	1.4	4.18	15	12	45	10	8.53	1	23	389	101	10.2	<.01	<10	4.36	2182	<1	0.01	116	1420	20	15	<20	196	<50	0.12	20	223	<10	<1	122
RMC37452	101.00	102.00	6.2	4.26	<5	10	60	<5	5.92	1	47	370	387	14.4	<.01	<10	4.46	1684	<1	<.01	107	1280	18	<5	<20	127	<50	0.14	20	243	10	<1	74
RMC37453	102.00	103.00	7.2	4.51	<5	14	60	<5	4.33	<1	47	360	397	> 15	<.01	<10	4.68	1629	<1	<.01	91	1350	20	<5	<20	88	<50	0.14	20	245	<10	<1	64
RMC37454	103.00	104.00	8.2	3.53	5	10	65	<5	6.09	<1	49	186	363	13.5	<.01	<10	3.41	1522	<1	0.01	64	1350	22	<5	<20	125	<50	0.08	20	186	<10	<1	64
RMC37455	104.00	105.00	18.6	1.92	15	10	50	<5	3.88	1	54	34	327	8.12	0.06	<10	1.69	953	<1	0.02	9	1360	30	10	<20	79	<50	0.03	20	139	<10	<1	86
RMC37456	105.00	106.00	23.6	0.85	20	12	55	<5	4	12	103	27	2173	9.55	0.05	<10	0.62	498	<1	0.02	8	1280	26	<5	<20	72	<50	0.04	20	94	10	<1	1070
RMC37457	106.00	107.00	4.2	1.48	<5	8	50	<5	2.4	1	25	30	361	9.02	0.06	<10	1.29	592	<1	0.02	4	1300	12	<5	<20	50	<50	0.04	10	137	<10	<1	48
RMC37458	107.00	108.00	3.8	1.9	5	10	50	<5	1.13	1	19	37	249	8.7	0.07	<10	1.77	549	<1	0.03	<1	1420	14	10	<20	28	<50	0.03	20	155	<10	<1	52
RMC37459	108.00	109.00	2.4	1.69	10	10	40	<5	1.04	1	18	36	213	8.56	0.06	<10	1.58	473	<1	0.03	2	1400	16	10	<20	48	<50	<.01	20	151	<10	<1	33
RMC37028	109.00	110.00	0.6	1.57	15	6	45	<5	0.99	<1	13	42	155	6.33	0.04	<10	1.56	433	<1	0.02	3	1310	8	10	<20	38	<50	0.01	20	151	<10	<1	34
RMC37029	110.00	111.00	3.4	1.63	20	4	45	<5	0.88	2	20	40	214	9.21	0.05	<10	1.49	461	<1	0.02	1	1180	20	<5	<20	26	<50	0.02	20	134	<10	<1	34
RMC37030	111.00	112.00	1.2	1.72	30	6	45	<5	0.66	1	15	34	163	6.86	0.04	<10	1.65	474	<1	0.02	3	1340	10	5	<20	18	<50	0.04	20	153	<10	<1	32
RMC37031	112.00	113.00	0.2	1.71	5	8	45	<5	0.56	1	17	59	150	6.83	0.05	<10	1.73	438	2	0.02	3	1350	12	10	<20	11	<50	0.06	10	147	<10	<1	33
RMC37032	113.00	114.00	0.4	1.6	<5	6	45	<5	0.49	<1	20	30	168	7.56	0.05	<10	1.57	406	<1	0.02	2	1320	10	5	<20	9	<50	0.06	20	143	<10	<1	29
RMC37033	114.00	115.00	<.2	1.71	<5	6	40	<5	1.31	1	18	45	178	7.1	0.04	<10	1.66	456	<1	0.02	3	1360	14	15	<20	31	<50	0.05	20	155	<10	<1	35
RMC37034	115.00	116.00	<.2	1.64	10	8	45	<5	0.52	<1	19	39	165	7.51	0.05	<10	1.54	415	<1	0.02	4	1360	10	10	<20	10	<50	0.05	20	140	<10	<1	29
RMC37035	116.00	117.00	0.4	1.61	2050	6	40	<5	1.5	11	103	47	201	7.17	0.04	<10	1.47	517	<1	0.02	4	1360	8	15	<20	38	<50	0.05	20	144	<10	<1	32
RMC37036	117.00	118.00	<.2	1.51	160	6	50	<5	1.37	2	28	52	184	6.89	0.03	<10	1.4	458	<1	0.02	3	1330	8	15	<20	23	<50	0.05	20	153	<10	<1	30
RMC37037	118.00	119.00	0.4	1.58	<5	6	45	<5	1.01	1	22	44	227	7.82	0.07	<10	1.39	435	<1	0.02	3	1330	8	<5	<20	21	<50	0.05	30	141	<10	<1	31
RMC37038	119.00	120.00	0.4	1.71	15	6	50	<5	2.16	1	16	32	170	6.99	0.06	<10	1.64	547	<1	0.02	2	1320	10	5	<20	46	<50	0.04	20	128	<10	<1	32
RMC37039	120.00	121.00	<.2	1.58	20	6	45	<5	1.12	1	15	44	155	6.56	0.07	<10	1.57	381	2	0.02	4	1390	8	10	<20	23	<50	0.02	10	140	<10	<1	31
RMC37041	121.00	122.00	0.4	1.44	70	6	40	<5	1.48	1	16	44	189	7.11	0.06	<10	1.37	416	<1	0.02	2	1230	8	10	<20	64	<50	<.01	20	108	<10	<1	32
RMC37042	122.00	123.00	<.2	1.59	140	6	45	<5	3.79	1	18	33	185	6.64	0.06	<10	1.5	434	<1	0.01	2	1250	8	10	<20	117	<50	<.01	20	104	<10	<1	26
RMC37043	123.00	124.00	<.2	1.6	75	6	40	<5	1.12	1	17	68	174	6.78	0.08	<10	1.57	332	<1	0.02	6	1410	8	15	<20	23	<50	0.05	20	108	<10	<1	26
RMC37044	124.00	125.00	<.2	1.73	15	6	50	<5	1.75	<1	14	71	146	6.24	0.09	<10	1.64	383	3	0.02	6	1350	10	15	<20	36	<50	0.05	30	112	<10	<1	27
RMC37045	125.00	126.00	<.2	1.56	30	6	50	<5	1.17	<1	14	38	130	6.11	0.06	<10	1.51	348	<1	0.02	2	1410	8	10	<20	24	<50	0.06	10	132	<10	<1	28
RMC37046	126.00	127.00	<.2	1.52	15	4	50	<5	1.16	1	13	42	118	5.98	0.04	<10	1.46	393	<1	0.02	3	1370	6	5	<20	24	<50	0.07	20	151	<10	<1	32
RMC37047	127.00	128.00	<.2	1.6	10	6	45	<5	0.76	1	15	35	132	6.76	0.04	<10	1.57	417	<1	0.02	3	1360	8	5	<20	14	<50	0.07	20	152	<10	<1	34
RMC37048	128.00	129.00	<.2	1.56	15	6	45	<5	1.04	1	14	39	106	6.26	0.05	<10	1.54	398	<1	0.02	3	1380	6	15	<20	22	<50	0.07	20	151	<10	<1	32
RMC37049	129.00	130.00	<.2	1.63	15	6	45	5	1.22	1	15	42	115	6.68	0.04	<10	1.65	425	<1	0.02	3	1410	6	10	<20	19	<50	0.06	10	160	<10	<1	34
RMC37050	130.00	131.00	<.2	1.56	20	6	50	5	1.44	1	16	59	122	6.38	0.03	<10	1.59	377	<1	0.03	2	1290	8	5	<20	26	<50	0.06	20	154	<10	<1	38
RMC37461	131.00	132.00	<.2	2.03	40	12	35	5	0.58	<1	22	40	168	9.14	0.08	<10	1.81	447	<1	0.04	2	1430	16	10	<20	12	<50	0.09	20	152	<10	<1	44
RMC37462	132.00	133.00	<.2	2.16	65	12	35	<5	0.88	<1	17	42	113	7.46	0.09	<10	1.88	467	<1	0.03	2	1510	16	15	<20	21	<50	0.05	10	154	<10	<1	34
RMC37463	133.00	134.00	2.4	1.85	270	12	35	<5	0.6	2	22	34	189	10.4	0.12	<10	1.54	383	<1	0.02	2	1370	18	5	<20	10	<50	0.05	20	123	<10	<1	24

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
RMC37464	134.00	135.00	<.2	2.21	50	10	45	<5	1	<1	18	37	125	7.92	0.1	<10	1.87	494	<1	0.03	1	1430	20	15	<20	29	<50	0.06	20	150	<10	<1	35
RMC39943	135.00	136.50	<.2	1.87	20	8	45	5	1.04	1	18	60	122	7.23	0.1	<10	1.64	423	2	0.03	4	1360	18	10	<20	24	<50	0.04	<10	130	10	<1	52
RMC39944	136.50	138.00	<.2	2.07	15	6	45	10	0.85	<1	19	43	125	7.6	0.06	<10	1.75	481	<1	0.03	1	1310	18	<5	<20	24	<50	0.05	<10	153	<10	<1	39
RMC39945	138.00	139.50	<.2	1.98	35	6	45	<5	0.56	<1	18	35	119	7.44	0.09	<10	1.61	402	<1	0.02	2	1340	18	10	<20	9	<50	0.04	<10	131	<10	<1	33
RMC39946	139.50	141.00	<.2	1.78	25	6	50	<5	1.3	1	15	39	98	6.93	0.08	<10	1.69	521	<1	0.03	2	1340	16	15	<20	35	<50	0.02	10	130	<10	<1	30
RMC39947	141.00	142.50	0.2	1.57	65	4	50	<5	2.03	1	15	49	137	6.62	0.07	<10	1.38	532	2	0.02	1	1360	30	10	<20	37	<50	<.01	<10	133	<10	<1	57
RMC39948	142.50	144.00	<.2	1.4	25	4	45	<5	1.17	<1	17	52	145	7.14	0.08	<10	1.13	333	<1	0.03	2	1310	12	<5	<20	19	<50	0.03	10	143	<10	<1	25
RMC39949	144.00	145.50	<.2	1.6	20	6	45	<5	0.7	<1	15	39	137	6.59	0.06	<10	1.34	391	<1	0.03	1	1330	14	10	<20	14	<50	0.03	20	145	<10	<1	29
RMC39950	145.50	147.00	<.2	1.6	55	4	45	<5	0.76	<1	17	53	115	6.39	0.07	<10	1.32	367	<1	0.03	2	1310	14	<5	<20	17	<50	0.05	<10	142	<10	<1	31
RMC39951	147.00	148.50	<.2	1.57	15	6	45	5	0.93	<1	18	50	140	7.52	0.07	<10	1.3	360	1	0.02	2	1340	14	10	<20	19	<50	0.03	<10	150	<10	<1	33
RMC39952	148.50	150.00	<.2	1.69	140	6	45	<5	1.38	1	18	44	114	7	0.08	<10	1.42	425	1	0.03	2	1350	14	10	<20	35	<50	0.01	<10	144	<10	<1	34
RMC39953	150.00	151.50	<.2	2.31	135	6	60	10	2.86	1	20	27	137	7.28	0.08	<10	1.76	849	2	0.02	2	1370	22	10	<20	62	<50	0.01	<10	140	<10	<1	45
RMC39954	151.50	153.00	<.2	2.12	45	6	60	5	2.08	1	14	47	112	6.48	0.06	<10	1.51	706	4	0.03	3	1390	20	15	<20	48	<50	0.02	<10	153	<10	<1	40
RMC39955	153.00	154.00	<.2	2.27	150	4	50	5	2.11	2	18	30	131	7.71	0.05	<10	1.89	702	<1	0.02	2	1360	24	10	<20	48	<50	0.03	<10	168	<10	<1	41
RMC39956	155.00	156.00	<.2	2.48	35	6	70	10	1.77	<1	16	121	115	6.48	0.05	<10	2.46	730	11	0.02	37	1090	26	10	<20	93	<50	<.01	10	192	<10	<1	61
RMC39957	156.00	157.50	<.2	1.79	60	4	90	<5	2.82	<1	20	197	191	5.49	0.02	<10	1.51	817	7	0.02	76	1000	24	15	<20	90	<50	0.01	<10	214	<10	2	51
RMC39958	157.50	159.00	0.2	2.24	45	6	65	<5	4.87	2	25	251	178	6.85	0.01	<10	2.13	1496	4	0.02	106	1180	34	20	<20	155	<50	0.02	10	203	<10	<1	115
RMC39959	159.00	160.00	<.2	3.45	45	6	60	10	10.1	1	27	344	143	8.61	0.04	<10	3.39	2851	<1	0.01	143	1180	24	20	<20	303	<50	0.07	<10	220	<10	<1	85
RMC39961	160.00	161.00	<.2	4.36	75	8	85	15	11.9	1	26	368	110	10.5	<.01	<10	3.9	3525	<1	0.01	152	1370	30	10	<20	364	<50	0.06	20	243	<10	<1	104
RMC39962	161.00	162.00	<.2	2.4	175	4	55	10	5.36	2	15	32	98	7.35	0.03	<10	2.03	1548	3	0.02	4	1310	26	10	<20	140	<50	0.02	10	160	<10	<1	45
RMC39963	162.00	163.00	<.2	1.44	<5	18	35	10	1.16	1	23	34	83	6.88	0.08	<10	1.78	574	<1	0.03	10	1580	22	15	<20	25	<50	0.12	<10	160	<10	2	66
RMC39963	162.00	163.00	1.4	2.28	180	6	45	<5	2.67	2	24	50	236	10.4	0.07	<10	2.14	944	<1	0.02	9	1250	30	10	<20	69	<50	<.01	10	140	10	<1	66
RMC39964	163.00	164.00	0.8	2.49	95	6	45	<5	1.37	1	21	27	255	9.88	0.08	<10	2.18	638	<1	0.02	2	1310	26	10	<20	40	<50	<.01	20	138	<10	<1	64
RMC39965	164.00	165.00	<.2	2.13	180	4	50	<5	1.6	2	14	31	145	7.1	0.09	<10	1.73	572	2	0.02	2	1350	22	15	<20	46	<50	<.01	<10	139	<10	<1	43
RMC39966	165.00	166.00	2.2	2.15	130	6	50	<5	3.71	3	58	40	920	8.82	0.06	<10	1.45	789	5	0.02	23	1320	38	15	<20	121	<50	<.01	10	128	<10	<1	161
RMC39967	166.00	167.00	0.4	1.97	145	10	45	<5	1.37	2	90	73	793	9.51	0.1	<10	1.61	599	9	0.02	47	1480	26	10	<20	38	<50	<.01	10	137	<10	<1	50
RMC39968	167.00	168.00	<.2	1.2	55	8	40	<5	2.51	2	72	147	504	6.71	0.02	<10	1.06	617	15	0.02	69	1010	20	<5	<20	68	<50	<.01	10	226	<10	<1	93
RMC39969	168.00	169.00	<.2	2.07	75	8	65	<5	2.98	2	47	106	457	6.5	0.04	<10	1.7	899	8	0.03	24	1250	34	10	<20	84	<50	<.01	10	181	<10	<1	125
RMC39970	169.00	170.00	<.2	1.88	45	6	55	<5	2.54	1	70	31	574	8.25	0.06	<10	1.74	913	<1	0.02	2	1290	20	10	<20	73	<50	<.01	<10	142	<10	<1	69
RMC39971	170.00	171.00	0.2	2.08	20	6	65	<5	2.05	1	31	32	239	5.81	0.07	<10	2.13	1052	<1	0.02	<1	1380	26	15	<20	63	<50	<.01	<10	146	<10	<1	70
RMC37466	171.00	172.00	1	2	40	12	55	<5	2.27	1	48	30	469	6.67	0.08	<10	1.84	949	<1	0.03	<1	1380	16	15	<20	67	<50	0.02	<10	153	<10	<1	65
RMC39972	172.00	173.00	1.8	2.02	55	4	60	<5	2.38	2	43	32	418	6.51	0.08	<10	2.02	1223	<1	0.02	<1	1310	34	15	<20	89	<50	<.01	<10	141	<10	<1	83
RMC39973	173.00	174.00	0.4	2.12	30	4	55	<5	2.15	<1	52	25	485	6.71	0.06	<10	2.09	1125	<1	0.02	<1	1300	22	15	<20	69	<50	<.01	<10	137	<10	<1	69
RMC39974	174.00	175.50	1	1.54	15	4	55	<5	2.77	2	32	39	321	5.97	0.12	<10	1.79	1075	2	0.03	2	1350	18	15	<20	110	<50	<.01	10	106	<10	<1	120
RMC39975	175.50	177.00	0.6	0.84	925	4	70	<5	2.44	6	30	41	228	5.59	0.14	<10	1.72	1085	2	0.03	1	1340	18	15	<20	166	<50	<.01	10	59	<10	<1	57
RMC39976	177.00	178.50	0.6	1.12	95	4	50	<5	2.28	2	28	40	307	5.83	0.13	<10	1.53	951	1	0.04	2	1330	16	5	<20	119	<50	<.01	10	78	<10	<1	84
RMC39977	178.50	180.00	1.2	0.87	440	4	50	<5	2.68	4	27	33	329	9.73	0.13	<10	1.49	762	<1	0.02	2	1300	38	<5	<20	138	<50	<.01	20	52	<10	<1	48
RMC39978	180.00	181.50	0.6	0.91	40	4	45	<5	1.89	2	37	32	350	8.88	0.15	<10	1.2	546	<1	0.02	1	1350	14	<5	<20	84	<50	<.01	<10	63	<10	<1	124
RMC39979	181.50	183.00	0.6	0.7	110	4	55	<5	4.02	4	39	40	213	7.33	0.11	<10	1.16	789	2	0.03	5	1310	14	10	<20	158	<50	<.01	10	49	<10	<1	253
RMC39981	183.00	184.50	0.2	1.65	40	10	40	<5	1.2	2	25	44	367	7.81	0.12	<10	1.42	589	1	0.03	2	1320	24	10	<20	45	<50	<.01	<10	117	<10	<1	101
RMC39982	184.50	186.00	<.2	2.08	25	8	45	<5	1.28	1	24	37	319	6.65	0.05	<10	1.86	870	2	0.03	<1	1370	28	15	<20	40	<50	<.01	20	138	<10	<1	73
RMC39983	186.00	187.50	<.2	1.72	15	10	70	<5	2.17	2	22	47	179	5.04	0.06	<10	1.65	920	<1	0.04	1	1400	28	15	<20	69	<50	<.01	<10	113	<10	<1	157
RMC39984	187.50	189.00	0.6	1.46	<5	10	50	<5	1.92	1	64	37	555	11.2	0.06	<10	1.48	869	<1	0.03	2	1180	14	<5	<20	64	<50	<.01	20	95	<10	<1	55
RMC37467	189.00	190.00	0.2	1.34	25	12	40	<5	1.38	<1	36	43	211	6.66	0.11	<10	1.59	896	<1	0.02	2	1480	12	5	<20	73	<50	<.01	20	77	<10	<1	46
RMC37468	205.00	206.00	<.2	2.62	10	30	20	10	3.65	1	10	47	20	3.21	<.01	<10	1.25	722	<1	0.03	2	2450	64	15	<20	41	<50	0.12	<10	130	<10	3	119
RMC37469	227.00	228.00	<.2	2.06	<5	164	40	<5	1.67	1	15	47	45	4.27	0.01	<10	1.32	263	<1	0.04	9	2200	18	30	<20	23	<50	0.09	10	117	10	1	14
RMC37470	250.00	251.00	<.2	1.77	10	224	20	10	2.17	<1	17	49	31	5.1	<.01	<10	1.02	369	<1	0.05	6	2230	14	5	<20	46	<50	0.11	<10	139	<10	2	12
RMC37471	269.00	270.00	<.2	2.4	<5	30	25	15	4.21	<1	13	36	9	4.99	0.03	<10	1.71	1032	<1	0.04	4	2500	16	20	<20	55	<50	0.11	10	225	<10	2	25
RMC37472	292.00	293.00	<.2	2.2	20	10	45	15	1.81	<1	24	112	38	5.93	0.02	<10	1.66	545	<1	0.04	40	1780	18	20	<20	33	<50	0.13	10	137	<10	1	29

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
RMC37473	313.00	314.00	<.2	2.53	<5	16	45	5	1.34	<1	30	124	91	6.2	0.05	<10	1.87	410	<1	0.04	72	1660	18	15	<20	32	<50	0.14	<10	123	<10	<1	21
RMC37474	331.00	332.00	<.2	1.61	<5	12	40	10	1.33	<1	21	143	44	4.34	0.04	<10	0.94	212	<1	0.05	44	1690	12	10	<20	62	<50	0.15	<10	91	<10	<1	21
RMC37475	349.00	350.00	<.2	2.2	15	10	45	5	1.58	<1	20	128	49	5.46	0.03	<10	1.74	556	<1	0.03	49	1740	12	15	<20	27	<50	0.12	<10	120	<10	<1	18
RMC37476	369.00	370.00	<.2	2.27	10	10	50	20	1.95	<1	16	145	20	5.25	0.04	<10	1.84	520	<1	0.03	26	1560	12	10	<20	31	<50	0.13	20	115	<10	<1	20
RMC37477	384.00	385.00	<.2	1.03	15	8	50	<5	3.31	<1	24	44	78	5.08	0.16	<10	1.56	606	11	0.03	35	1360	6	15	<20	265	<50	<.01	<10	38	<10	4	15
RMC37478	403.00	404.00	<.2	1.73	<5	18	55	10	0.8	<1	15	88	14	3.34	0.09	<10	1.13	181	<1	0.06	18	1030	6	10	<20	50	<50	0.18	<10	65	<10	7	16
RMC37479	424.00	425.00	<.2	1.92	<5	4	65	10	1.59	<1	24	65	85	5.4	0.06	<10	1.26	286	<1	0.07	44	1510	<2	5	<20	45	<50	0.19	<10	112	<10	7	19
RMC37481	439.00	440.00	<.2	1.83	<5	14	25	<5	2.03	<1	20	32	57	3.54	0.02	<10	1.32	482	<1	0.06	9	1950	4	10	<20	32	<50	0.13	<10	110	<10	6	20
RMC37482	462.00	463.00	<.2	0.74	<5	12	20	<5	0.86	<1	9	96	19	1.54	0.02	<10	0.56	112	<1	0.06	66	1270	2	10	<20	33	<50	0.09	<10	34	<10	4	9
RMC37483	483.00	484.00	<.2	1.03	<5	4	75	<5	1.35	<1	24	127	134	2.93	0.07	<10	0.56	193	<1	0.05	131	1170	4	<5	<20	29	<50	0.14	<10	41	<10	3	16
RMC37484	502.00	503.00	<.2	1.42	105	4	60	<5	2.4	1	28	115	221	4.03	0.05	<10	1.14	412	<1	0.05	99	1180	4	10	<20	51	<50	0.11	<10	56	<10	2	27
RMC37485	515.00	516.00	<.2	2.64	5	12	100	5	4.91	<1	27	9	143	6.05	0.26	<10	1.86	1013	<1	0.05	9	1340	4	15	<20	198	<50	0.13	<10	158	<10	7	31
RMC37486	516.00	517.00	<.2	2.59	<5	10	95	<5	4.07	<1	30	8	101	5.98	0.21	<10	1.99	942	<1	0.04	9	1380	6	15	<20	158	<50	0.11	<10	181	<10	6	30
RMC37487	517.00	518.00	<.2	3.25	15	6	90	<5	3.15	1	26	76	124	6.51	0.06	<10	3.59	939	<1	0.04	43	1300	8	15	<20	110	<50	0.04	<10	219	<10	<1	44
RMC37488	518.00	519.00	<.2	2.42	35	2	60	<5	2.88	1	27	227	200	6.16	0.02	<10	2.81	683	<1	0.04	100	1130	10	20	<20	92	<50	0.05	<10	156	<10	<1	35
RMC37489	519.00	520.00	<.2	2.5	40	2	50	<5	3.45	<1	29	146	210	6.37	0.02	<10	2.82	665	<1	0.05	92	1240	10	20	<20	90	<50	0.12	<10	165	<10	3	32
RMC37490	520.00	521.00	<.2	2.26	80	4	60	<5	3.33	2	26	165	199	6.46	0.05	<10	2.32	532	<1	0.05	87	1110	12	25	<20	81	<50	0.1	<10	147	<10	3	27
RMC37491	521.00	522.00	<.2	2.26	40	4	65	<5	3.09	<1	27	183	219	6.17	0.05	<10	2.3	548	<1	0.05	92	1140	12	25	<20	69	<50	0.12	<10	160	<10	5	28
RMC37492	522.00	523.00	<.2	2.29	25	4	60	<5	2.64	<1	40	180	299	7.33	0.04	<10	2.44	543	<1	0.05	139	1390	14	15	<20	60	<50	0.11	<10	151	<10	2	28
RMC37493	523.00	524.00	<.2	2.41	<5	4	55	<5	3.04	<1	30	129	260	6.84	0.03	<10	2.75	602	<1	0.05	88	1290	12	20	<20	62	<50	0.11	<10	172	<10	4	27
RMC37494	524.00	525.00	<.2	2.82	95	4	45	<5	6.83	2	32	140	151	5.93	0.06	<10	2.86	1102	<1	0.04	85	1270	14	20	<20	138	<50	0.12	<10	159	<10	5	40
RMC37495	525.00	526.00	<.2	2.62	75	4	60	10	3.23	1	33	147	105	5.83	0.02	<10	2.83	683	<1	0.05	97	1170	14	25	<20	67	<50	0.14	<10	155	<10	10	33
RMC37496	537.00	538.00	<.2	2.01	<5	2	50	<5	2.42	<1	44	168	186	6.2	0.04	<10	1.96	399	<1	0.06	99	1250	8	10	<20	46	<50	0.17	<10	122	<10	4	24
RMC37497	555.00	556.00	<.2	1.98	65	4	45	<5	3.6	1	27	134	107	5.11	0.08	<10	1.97	523	<1	0.05	98	1300	12	15	<20	105	<50	0.04	<10	123	<10	7	41
RMC37498	576.00	577.00	<.2	2.06	<5	10	50	<5	1.38	<1	31	124	172	5.57	0.06	<10	1.73	272	<1	0.06	103	1680	12	10	<20	54	<50	0.2	<10	108	<10	2	29
RMC37499	596.00	597.00	<.2	1.11	10	10	25	5	2.35	<1	14	117	46	2.14	0.01	<10	1	349	<1	0.07	76	1380	8	15	<20	40	<50	0.12	<10	52	<10	5	20
RMC30884	604.50	605.50	<.2	3.1	<5	4	40	5	1.69	<1	23	284	71	4.98	0.03	<10	3.45	794	<1	0.03	104	1060	<2	15	<20	67	<50	0.18	<10	124	<10	4	45
RMC30885	621.00	622.00	<.2	1.32	<5	24	30	<5	0.94	<1	18	214	63	3.26	0.02	<10	1.07	164	<1	0.05	82	1210	2	<5	<20	25	<50	0.17	<10	63	<10	4	29
RMC30886	638.00	639.00	<.2	2.25	<5	4	60	15	2.73	<1	20	84	34	4.9	0.05	<10	1.8	677	<1	0.04	14	1960	6	10	<20	69	<50	0.2	<10	79	<10	4	115
RMC30887	651.00	652.00	<.2	1.63	<5	6	35	<5	1.14	<1	22	179	86	3.86	0.05	<10	1.3	328	<1	0.05	89	1360	2	5	<20	66	<50	0.19	<10	70	<10	8	44
RMC30888	668.00	669.00	<.2	1.75	<5	2	40	5	2.13	<1	19	207	43	3.58	0.01	<10	1.8	421	<1	0.05	101	1100	4	10	<20	36	<50	0.19	<10	106	<10	7	32
RMC30889	678.00	679.00	<.2	1.36	<5	4	35	10	1.21	<1	23	242	62	3.76	0.01	<10	1.13	263	<1	0.06	107	1140	<2	5	<20	29	<50	0.24	<10	97	<10	9	29
RMC30890	684.00	685.00	<.2	1.74	<5	4	45	10	1.17	<1	26	186	71	4.22	0.05	<10	1.35	242	<1	0.07	108	1290	<2	5	<20	31	<50	0.22	<10	112	<10	10	21
RMC30891	702.00	703.00	<.2	1.83	<5	6	40	15	1.52	<1	20	148	55	3.72	0.02	<10	1.39	333	<1	0.06	66	1190	2	10	<20	11	<50	0.2	<10	113	<10	9	17
RMC30892	719.00	720.00	<.2	1.69	<5	4	25	<5	3.05	<1	21	161	40	3.59	<.01	<10	1.79	470	<1	0.05	79	1140	<2	20	<20	40	<50	0.13	<10	104	<10	6	13
MC94-203			(If assay column contains a decimal = g/T, otherwise = ppm)																															
RMC37735	20.00	21.50	<.2	2.17	20	156	65	15	1.89	5	16	33	8	4.57	0.08	<10	1.69	796	<1	0.03	6	1630	54	15	<20	31	<50	0.1	<10	112	<10	1	310
RMC37736	40.00	41.50	<.2	2.23	10	28	55	15	0.88	1	13	52	11	5.03	0.04	<10	1.82	892	<1	0.04	9	1610	10	15	<20	14	<50	0.11	<10	120	<10	<1	95
RMC37737	60.00	61.50	<.2	2.34	<5	66	50	10	2.25	<1	11	39	21	4.88	0.04	<10	1.15	698	<1	0.04	8	1650	12	10	<20	26	<50	0.1	<10	111	<10	<1	69
RMC37738	80.00	81.50	1	1.64	50	32	40	5	1.76	2	12	116	41	4.19	0.06	<10	0.77	522	<1	0.04	35	1140	32	10	20	17	<50	0.07	<10	90	<10	<1	122
RMC37739	98.30	99.80	0.8	1.8	50	32	45	<5	1.88	2	12	93	36	4.13	0.06	<10	0.81	565	<1	0.04	30	1150	28	10	<20	18	<50	0.08	<10	92	<10	<1	109
RMC37741	118.00	119.00	1.4	0.53	95	10	35	<5	3.74	2	14	116	90	5.37	0.11	<10	0.91	1135	6	0.02	72	620	42	15	<20	147	<50	<.01	<10	49	<10	1	134
RMC37742	121.00	122.00	<.2	0.97	50	28	30	<5	1.2	1	20	126	96	5.53	0.05	<10	0.9	474	<1	0.04	38	740	6	5	<20	17	<50	0.11	<10	99	<10	1	36
RMC37743	139.00	140.50	<.2	0.62	25	26	40	<5	0.35	<1	14	159	81	3.64	0.06	<10	0.56	293	<1	0.03	54	610	4	5	60	6	<50	0.06	<10	45	<10	2	21
RMC37744	155.00	156.50	<.2	1.02	10	16	35	<5	0.54	<1	29	107	142	5.91	0.06	<10	0.92	424	<1	0.04	124	560	6	<5	<20	10	<50	0.12	<10	85	<10	<1	30
RMC37745	156.50	158.00	<.2	1.05	10	14	35	<5	0.47	<1	23	130	115	4.98	0.05	<10	0.97	420	<1	0.02	95	480	4	<5	<20	8	<50	0.08	<10	81	<10	<1	27

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
RMC37746	158.00	159.50	<.2	1.47	10	28	35	<5	0.65	<1	27	102	120	6.15	0.06	<10	1.38	557	<1	0.03	95	740	8	10	<20	10	<50	0.11	<10	100	<10	<1	23
RMC37747	159.50	161.00	<.2	1.58	10	16	35	<5	0.61	<1	28	148	115	6.35	0.01	<10	1.5	857	<1	0.03	94	650	6	5	<20	7	<50	0.12	<10	114	<10	<1	22
RMC37748	161.00	162.50	<.2	1.25	<5	12	35	<5	0.57	<1	28	112	115	6.09	<.01	<10	1.22	744	<1	0.02	89	420	6	10	<20	9	<50	0.1	<10	93	<10	<1	17
RMC37749	172.50	173.50	<.2	3.73	<5	62	45	10	2.91	1	32	51	120	10.8	0.02	<10	3.18	2094	<1	0.04	35	1720	8	15	<20	31	<50	0.18	<10	221	<10	<1	65
RMC37750	173.50	175.00	<.2	2.13	10	34	40	<5	1.51	<1	32	113	127	7.86	0.03	<10	2.08	1109	<1	0.03	66	880	8	15	<20	18	<50	0.14	<10	178	<10	<1	54
RMC37751	185.00	186.00	<.2	1.49	5	12	30	<5	1.47	<1	20	121	75	6.38	0.02	<10	1.51	911	8	0.03	46	740	6	5	<20	31	<50	0.05	<10	263	<10	<1	25
RMC37752	192.50	193.50	<.2	1.77	5	12	35	<5	0.64	<1	27	68	161	6.8	0.12	<10	1.7	610	<1	0.03	74	920	12	15	<20	18	<50	<.01	<10	97	<10	<1	45
RMC37753	193.50	194.50	<.2	1.42	10	10	35	<5	1.03	<1	27	135	149	6.56	0.06	<10	1.44	609	5	0.03	53	1100	10	10	<20	24	<50	<.01	<10	115	<10	<1	20
RMC37754	199.50	201.00	<.2	1.14	30	10	40	<5	1.17	1	26	108	148	5.79	0.1	<10	1.1	504	3	0.03	53	840	8	10	<20	22	<50	0.02	<10	76	<10	<1	32
RMC37755	203.00	204.50	<.2	1.22	15	10	35	<5	1.53	<1	23	89	140	5.51	0.06	<10	1.26	621	<1	0.03	30	1110	8	10	<20	26	<50	0.03	<10	91	<10	<1	21
RMC37756	204.50	205.50	<.2	1.27	35	10	35	<5	0.93	<1	23	129	124	5.1	0.07	<10	1.22	545	3	0.03	46	760	6	10	<20	21	<50	0.04	<10	87	<10	<1	26
RMC37757	205.50	206.50	<.2	1.26	30	8	30	<5	2.46	<1	41	116	189	9.59	0.03	<10	1.2	873	<1	0.02	47	730	4	<5	<20	34	<50	0.05	<10	114	<10	<1	21
RMC37758	206.50	208.00	<.2	1.27	15	8	45	<5	1.62	<1	19	96	102	4.47	0.05	<10	1.29	589	<1	0.03	21	1040	6	10	<20	23	<50	0.08	<10	102	<10	<1	17
RMC37759	210.50	211.50	<.2	1.53	35	10	50	<5	0.76	<1	20	128	106	4.4	0.05	<10	1.6	631	<1	0.03	43	910	8	10	<20	17	<50	0.05	<10	98	<10	<1	21
RMC37761	213.50	214.50	<.2	1.31	30	10	40	<5	1.64	<1	22	124	109	5.04	0.05	<10	1.36	641	<1	0.03	37	910	8	10	<20	30	<50	0.02	<10	90	<10	<1	26
RMC37762	219.30	220.30	<.2	1.77	25	12	45	<5	1.96	<1	20	74	67	5.13	0.1	<10	1.57	901	<1	0.03	24	1120	10	15	<20	35	<50	0.03	<10	80	<10	<1	25
RMC37763	224.30	225.50	<.2	1.75	25	12	55	<5	1.84	<1	17	72	58	4.93	0.09	<10	1.57	859	<1	0.03	21	1100	10	15	<20	31	<50	0.03	<10	80	<10	<1	26
RMC37764	225.50	226.50	<.2	1.81	20	12	35	<5	1.05	<1	22	89	96	6.03	0.12	<10	1.52	787	<1	0.03	29	1260	12	10	<20	24	<50	0.05	<10	92	<10	<1	27
RMC37765	226.50	228.00	<.2	1.82	25	10	65	<5	0.95	<1	14	79	43	4.03	0.1	<10	1.6	744	<1	0.03	26	1270	10	15	<20	19	<50	0.09	<10	104	<10	<1	29
RMC37766	237.00	238.00	4	1.28	110	6	55	<5	1.43	23	16	110	122	3.64	0.08	<10	1.18	715	<1	0.03	31	980	806	15	<20	26	<50	<.01	<10	80	<10	<1	1537
RMC37767	238.00	239.00	1.4	1.8	120	10	40	<5	1.99	14	24	108	114	4.83	0.04	<10	1.67	792	2	0.02	41	1130	128	20	<20	34	<50	<.01	<10	150	<10	<1	922
RMC37768	239.00	240.00	0.2	1.54	35	10	70	<5	2.32	1	12	129	55	3.89	0.04	<10	1.43	710	2	0.02	26	800	54	15	<20	42	<50	<.01	<10	127	<10	<1	76
RMC37769	240.00	241.00	1.6	1.19	65	10	65	<5	1	6	15	72	77	3.36	0.17	<10	1	536	2	0.02	20	810	214	15	<20	24	<50	<.01	<10	40	<10	<1	341
RMC37770	241.00	242.00	1.4	1.01	65	8	25	<5	1.39	7	15	88	69	3.26	0.1	<10	0.96	588	2	0.02	27	650	140	15	<20	15	<50	<.01	<10	41	<10	<1	412
RMC37771	242.00	243.30	0.8	1.27	115	14	35	<5	1.87	2	21	68	71	5.31	0.17	<10	1.31	810	37	0.02	59	880	56	15	<20	69	<50	<.01	<10	199	<10	<1	102
RMC37772	243.30	244.30	0.8	1.81	230	16	45	<5	1.66	1	33	36	151	8.74	0.13	<10	1.8	1084	1	0.03	45	1500	18	10	<20	60	<50	<.01	<10	190	<10	<1	35
RMC37773	244.30	245.50	<.2	0.8	375	14	45	<5	2.03	1	18	183	70	4.35	0.21	<10	0.8	730	184	0.01	227	330	30	5	80	83	<50	<.01	<10	889	<10	5	35
RMC37774	245.50	246.50	1.2	0.51	125	10	40	<5	1.98	3	10	183	58	3.43	0.11	<10	0.78	641	24	0.01	86	860	38	10	20	98	<50	<.01	<10	103	<10	2	153
RMC37775	258.50	260.00	<.2	2.38	20	36	45	10	1.65	<1	18	55	57	7.35	0.06	<10	2.07	944	<1	0.03	8	1430	6	10	<20	30	<50	0.1	<10	240	<10	<1	45
RMC37776	260.00	261.50	<.2	2.51	35	12	45	<5	1.04	<1	21	53	80	8.36	0.08	<10	2.2	1107	<1	0.03	14	1500	6	10	<20	23	<50	0.09	<10	279	<10	<1	50
RMC37777	261.50	262.80	7.2	0.8	200	10	45	5	4.7	66	25	58	174	10.8	0.13	<10	2.6	2539	73	<.01	194	590	886	30	<20	361	<50	<.01	<10	157	<10	<1	2329
RMC37778	262.80	264.30	<.2	1.87	15	14	40	<5	1.86	1	16	45	86	7.08	0.16	<10	1.89	1033	1	0.03	22	1460	20	15	<20	75	<50	<.01	<10	224	<10	<1	60
RMC37779	264.30	265.50	<.2	1.61	15	14	40	<5	1.7	<1	16	73	80	6.96	0.11	<10	1.84	992	18	0.02	43	1050	8	10	<20	84	<50	<.01	<10	359	<10	<1	37
RMC37781	265.50	266.50	<.2	2.23	20	16	45	<5	1.43	<1	17	46	80	8.01	0.1	<10	2.15	1099	<1	0.03	16	1530	8	15	<20	44	<50	0.01	<10	356	<10	<1	54
RMC37782	266.50	267.70	<.2	2.46	25	12	45	<5	1.36	7	17	52	77	8.03	0.08	<10	2.29	1252	<1	0.03	8	1590	10	10	<20	27	<50	0.06	<10	284	<10	<1	381
RMC37783	267.70	269.20	<.2	2.4	120	14	45	5	1.59	<1	24	43	96	8.66	0.1	<10	2.27	1279	<1	0.03	9	1520	10	10	<20	27	<50	0.08	<10	255	<10	<1	44
RMC37784	269.20	270.70	<.2	2.34	70	12	40	10	1.49	<1	16	42	69	7.66	0.1	<10	2.32	1296	1	0.02	12	1430	16	25	<20	26	<50	0.02	<10	317	<10	<1	40
RMC37785	270.70	271.70	<.2	2.02	255	12	45	<5	3.18	2	22	85	107	8.89	0.13	<10	1.98	1410	10	0.02	49	1270	84	65	<20	62	<50	<.01	<10	324	<10	<1	96
RMC37786	271.70	272.70	<.2	2.24	195	12	45	<5	5.41	2	19	217	85	7.18	0.06	<10	2.51	1694	41	0.01	96	700	176	155	<20	61	<50	0.03	<10	602	<10	<1	82
RMC37787	272.70	274.20	<.2	3.39	40	8	45	10	2.46	2	18	38	70	8.06	0.04	<10	4.33	1544	<1	0.02	7	1430	20	25	<20	33	<50	0.08	<10	251	<10	<1	169
RMC37788	278.10	279.60	<.2	1.77	140	14	40	5	3.92	4	19	52	84	7.31	0.18	<10	1.73	974	<1	0.02	10	1490	24	25	<20	27	<50	0.11	<10	173	<10	<1	265
RMC37789	279.60	280.60	1.6	1.43	485	12	30	10	0.44	3	23	89	118	8.97	0.17	<10	1.35	550	<1	<.01	26	930	12	20	<20	8	<50	0.07	<10	56	<10	<1	170
RMC37790	280.60	281.60	<.2	1.71	75	10	60	5	0.63	<1	13	107	43	4.57	0.16	<10	1.64	698	2	0.01	38	820	20	30	<20	13	<50	0.11	<10	73	<10	<1	83
RMC37791	281.60	283.00	<.2	1.7	35	10	55	<5	0.91	<1	12	164	60	4.46	0.04	<10	1.78	807	<1	0.03	31	840	12	35	<20	12	<50	0.09	<10	90	<10	<1	87
RMC37792	283.00	284.00	<.2	1.58	80	10	45	5	0.99	4	15	131	49	4.75	0.03	<10	1.64	772	<1	0.03	32	850	6	20	<20	12	<50	0.08	<10	70	<10	<1	222
RMC37793	295.50	297.00	<.2	1.37	10	16	20	<5	1.05	<1	15	104	82	4.73	<.01	<10	1.57	718	22	0.04	38	1410	10	15	<20	19	<50	0.14	<10	122	<10	5	30
RMC37794	297.00	298.50	<.2	1.28	5	12	35	<5	0.65	<1	23	125	94	5.95	0.04	<10	1.35	770	<1	0.05	35	1300	12	10	<20	18	<50	0.15	<10	131	<10	4	28
RMC37795	308.00	309.50	<.2	1.93	20	14	40	<5	1.82	1	26	60	129	8.2	0.08	<10	2.03	1064	<1	0.03	25	1490	16	5	<20	36	<50	0.11	<10	191	<10	<1	60
RMC37796	326.00	327.50	<.2	1.75	205	14	35	<5	1.93	2	35	114	155	9.28	0.07	<10	1.86	1021	<1	0.03	37	1320	16	5	<20	23	<50	0.1	<10	112	<10	<1	91

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
RMC37797	345.50	346.60	3	2.3	1075	10	40	10	1.86	24	35	55	126	9.92	0.1	<10	2.42	1165	<1	0.02	25	1370	414	5	<20	82	<50	0.02	<10	124	<10	<1	757
RMC37798	346.60	347.80	<.2	2.59	185	10	50	<5	0.98	8	19	64	101	7.12	0.05	<10	2.88	1262	<1	0.03	20	1630	60	20	<20	53	<50	0.05	<10	210	<10	<1	278
RMC37799	347.80	349.00	<.2	3.29	315	12	40	<5	0.76	1	51	143	221	12.1	0.02	<10	3.67	1695	<1	0.02	43	1420	14	5	<20	19	<50	0.11	<10	157	<10	<1	72
RMC37801	349.00	350.20	<.2	0.88	75	12	40	<5	> 15	<1	12	92	38	3.02	<.01	<10	0.96	1604	1	0.01	19	490	2	15	<20	337	<50	0.05	<10	54	<10	3	26
RMC37802	350.20	351.20	<.2	2.9	305	12	40	5	0.94	1	43	64	157	12.4	0.05	<10	3.17	1600	11	0.02	41	2880	18	10	<20	19	<50	0.11	<10	391	<10	<1	71
RMC37803	351.20	352.70	<.2	1.92	265	14	45	<5	1.09	1	36	98	263	9.96	0.06	<10	2.08	1050	<1	0.02	31	1750	10	5	<20	28	<50	0.11	<10	128	<10	<1	54
RMC37804	355.30	356.80	<.2	1.97	65	14	40	<5	0.93	1	19	61	99	7.71	0.09	<10	2.18	895	<1	0.03	25	1480	8	5	<20	20	<50	0.13	<10	207	<10	<1	60
RMC37805	356.80	358.30	<.2	2.09	265	10	35	5	0.82	<1	29	135	110	8.38	0.04	<10	2.38	962	<1	0.03	52	1240	10	<5	<20	19	<50	0.12	<10	156	<10	<1	58
RMC37806	358.30	359.80	<.2	2.12	25	10	40	5	1.15	<1	17	138	91	7.51	0.03	<10	2.37	1006	<1	0.03	53	1170	8	10	<20	23	<50	0.11	<10	145	<10	<1	46
RMC37807	369.00	370.50	<.2	1.68	70	10	40	<5	1.22	<1	15	117	99	6.88	0.06	<10	1.92	578	32	0.02	61	1210	8	10	<20	39	<50	0.09	<10	198	<10	<1	31
RMC37808	370.50	371.50	<.2	1.69	255	12	35	<5	1.65	1	21	73	200	9.57	0.16	<10	1.66	571	20	0.03	20	1580	8	10	<20	38	<50	0.12	<10	157	<10	<1	38
RMC37809	371.50	372.50	0.8	1.39	470	12	40	<5	1.71	<1	34	61	179	9.72	0.15	<10	1.32	502	30	0.02	27	1450	6	5	<20	40	<50	0.12	<10	152	<10	2	35
RMC37810	372.50	373.50	0.2	0.97	740	14	40	<5	2.39	1	46	48	171	8.37	0.16	<10	0.85	441	10	0.01	20	1480	6	<5	<20	57	<50	0.11	<10	124	<10	5	29
RMC37811	373.50	375.00	<.2	1.87	185	12	40	5	1.13	1	22	33	101	8.08	0.15	<10	1.96	636	<1	0.02	12	1580	18	15	<20	33	<50	0.06	<10	183	<10	<1	48
RMC37812	378.00	379.50	1.2	1.55	325	14	40	50	1.45	1	17	30	168	7.44	0.24	<10	1.44	309	<1	0.01	11	1560	22	10	<20	42	<50	0.08	<10	122	<10	<1	46
RMC37813	379.50	380.50	<.2	1.74	180	12	40	<5	1.06	1	11	25	293	5.99	0.24	<10	1.75	243	<1	<.01	10	1670	4	10	<20	33	<50	0.05	<10	114	<10	2	49
RMC37814	380.50	381.50	>30	1.11	440	10	45	<5	2.12	34	20	20	1684	13.1	0.26	<10	0.8	303	<1	0.01	13	1560	38	<5	<20	93	<50	0.04	<10	48	<10	<1	2133
RMC37815	381.50	382.50	<.2	1.42	60	12	40	<5	2.26	1	14	28	126	6.34	0.26	<10	1.39	267	<1	0.01	10	1630	14	10	<20	61	<50	0.06	<10	125	<10	3	60
RMC37816	382.50	383.50	0.2	1.35	230	12	35	<5	1.61	1	16	40	138	5.95	0.24	<10	1.32	208	<1	0.01	10	1710	12	10	<20	46	<50	0.06	<10	122	<10	3	46
RMC37817	383.50	384.50	6.4	1.57	425	14	35	<5	0.89	5	35	24	955	11.1	0.26	<10	1.49	199	<1	<.01	15	1680	16	<5	<20	30	<50	0.07	<10	120	<10	<1	417
RMC37818	384.50	385.70	1.2	1.29	285	10	40	<5	2.04	1	17	45	249	7.95	0.21	<10	1.21	275	<1	0.02	24	1860	12	<5	<20	90	<50	0.02	<10	78	<10	<1	44
RMC37819	385.70	387.20	4	1.44	140	12	40	<5	1.28	<1	17	53	149	7.23	0.25	<10	1.4	226	<1	0.01	29	1370	14	10	<20	84	<50	<.01	<10	81	<10	<1	32
RMC37821	387.20	388.70	1	1.44	860	10	45	<5	1.18	2	28	85	330	12.4	0.15	<10	1.59	215	<1	0.01	72	1240	8	<5	<20	87	<50	<.01	<10	78	<10	<1	35
RMC37822	388.70	390.20	0.2	1.57	975	10	45	<5	1.71	2	25	88	316	11.3	0.11	<10	1.74	270	<1	0.01	50	1210	8	10	<20	82	<50	0.01	<10	84	<10	<1	31
RMC37823	390.20	391.70	<.2	1.53	245	10	40	<5	1.38	2	15	83	171	6.83	0.14	<10	1.72	300	<1	0.02	37	1330	10	20	<20	64	<50	0.04	<10	76	<10	<1	29
RMC37824	391.70	393.00	0.4	1.5	280	10	35	<5	1.37	<1	15	87	176	6.37	0.11	<10	1.73	292	<1	0.02	33	1330	8	10	<20	60	<50	0.04	<10	75	<10	<1	28
RMC37825	393.00	394.50	<.2	1.24	10	12	40	<5	1.36	<1	15	87	217	7.78	0.12	<10	1.4	282	<1	0.02	44	1300	6	10	<20	58	<50	0.04	<10	79	<10	<1	19
RMC37826	394.50	396.00	<.2	1.47	25	10	40	<5	0.94	<1	15	115	169	7.05	0.1	<10	1.77	313	<1	0.02	41	1250	8	10	<20	35	<50	0.05	<10	96	<10	<1	39
RMC37827	396.00	397.50	<.2	1.28	10	12	40	<5	1.94	1	16	67	223	7.82	0.15	<10	1.32	346	<1	0.02	46	1340	8	5	<20	69	<50	0.07	<10	59	<10	<1	37
RMC37828	397.50	399.00	<.2	1.3	90	12	40	<5	1.78	<1	14	79	181	6.08	0.17	<10	1.37	318	<1	0.02	41	1390	8	10	<20	58	<50	0.07	<10	64	<10	1	41
RMC37829	399.00	400.50	<.2	1.01	360	12	40	<5	2.03	2	16	58	577	7.81	0.2	<10	0.9	273	<1	0.01	46	1430	14	5	<20	67	<50	0.07	<10	42	<10	<1	98
RMC37830	400.50	401.60	<.2	1.5	245	10	35	<5	2.13	<1	16	76	337	6.02	0.13	<10	1.69	333	<1	0.02	47	1420	12	10	<20	61	<50	0.1	<10	72	<10	3	37
RMC30858	401.60	402.60	0.4	1.12	155	10	50	<5	4.42	2	14	40	572	5.29	0.11	<10	1.43	407	<1	0.01	46	1090	10	15	<20	149	<50	0.07	10	35	<10	2	53
RMC30859	402.60	403.60	15.8	1.19	180	10	55	<5	3	5	31	31	3639	8.49	0.15	<10	1.48	276	<1	<.01	23	1250	20	10	<20	123	<50	0.04	30	44	<10	<1	294
RMC30861	403.60	404.60	>30	0.93	570	8	45	<5	0.46	38	17	34	7832	7.82	0.19	<10	1.09	123	<1	<.01	18	1020	4	<5	<20	22	<50	<.01	40	30	<10	<1	3043
RMC30862	404.60	405.60	20.6	1.51	215	10	45	<5	0.46	5	16	33	8418	6.13	0.16	<10	2.15	206	<1	<.01	17	910	14	15	<20	23	<50	0.04	20	44	<10	<1	431
RMC30863	405.60	406.60	>30	0.81	230	10	45	<5	0.51	4	23	35	4982	7.87	0.16	<10	0.89	129	<1	<.01	21	840	18	5	<20	21	<50	0.02	30	22	<10	<1	272
RMC30864	406.60	407.60	>30	0.5	290	10	60	<5	0.69	17	50	43	8645	> 15	0.1	<10	0.49	118	<1	<.01	38	570	2	<5	<20	25	<50	0.01	50	20	<10	<1	1227
RMC30865	407.60	408.60	>30	0.31	2345	8	50	<5	0.34	28	42	36	3367	12.3	0.07	<10	0.29	82	<1	<.01	16	440	8	<5	<20	13	<50	<.01	50	13	<10	<1	1448
RMC30866	408.60	409.60	7	0.47	155	8	40	<5	0.24	12	19	46	1018	6.51	0.18	<10	0.3	47	<1	<.01	19	870	6	<5	<20	12	<50	<.01	20	9	<10	<1	1255
RMC30867	409.60	410.60	1	0.92	45	10	35	<5	0.32	2	16	52	299	4.54	0.23	<10	0.98	124	2	<.01	37	1060	8	5	<20	16	<50	<.01	20	30	<10	<1	104
RMC30868	410.60	411.60	0.6	0.99	35	10	50	<5	0.98	1	11	56	241	3.73	0.18	<10	1.16	160	3	<.01	40	920	8	10	<20	36	<50	<.01	10	32	<10	<1	47
RMC30869	411.60	412.60	0.6	0.92	10	8	45	<5	0.75	<1	14	42	258	4.71	0.15	<10	1.04	208	2	0.01	41	720	8	10	<20	50	<50	<.01	10	22	<10	<1	53
RMC30870	412.60	413.60	2.2	0.66	425	8	40	<5	0.9	14	12	43	286	4.07	0.18	<10	0.51	180	4	0.01	24	770	230	<5	<20	54	<50	<.01	20	8	<10	<1	430
RMC30871	413.60	414.60	0.8	1.08	45	10	40	<5	0.55	1	13	33	272	5.1	0.17	<10	1.25	179	2	0.01	13	1140	18	10	<20	26	<50	<.01	20	40	<10	<1	34
RMC37831	414.60	416.10	1.2	0.9	200	12	50	<5	0.53	1	38	31	719	12.2	0.25	<10	0.64	107	1	<.01	18	1110	8	<5	<20	21	<50	<.01	40	37	<10	<1	47
RMC37832	416.10	417.10	0.6	1.13	165	12	30	<5	0.62	<1	19	33	263	5.82	0.25	<10	0.91	156	<1	0.01	9	1350	16	10	<20	25	<50	0.06	20	84	<10	3	20
RMC37833	417.10	418.50	<.2	1.73	55	12	30	<5	0.61	1	15	42	232	5.62	0.18	<10	1.84	285	2	0.02	12	1420	10	20	<20	21	<50	0.06	<10	127	<10	4	56
RMC37834	418.50	420.00	<.2	1.65	<5	12	35	<5	0.73	1	11	42	194	4.81	0.14	<10	1.88	274	<1	0.02	9	1400	10	20	<20	21	<50	0.06	<10	154	<10	4	70

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
RMC37835	420.00	421.50	<.2	1.8	20	12	30	<5	0.87	1	15	55	366	5.8	0.18	<10	2	295	1	0.02	11	1360	12	15	<20	28	<50	0.07	10	144	<10	3	73
RMC37836	421.50	422.50	0.2	1.16	15	12	30	<5	0.43	<1	14	100	614	6.82	0.15	<10	1.21	188	<1	0.02	40	880	12	<5	<20	14	<50	0.05	20	80	<10	<1	49
RMC37837	422.50	423.50	<.2	1.19	10	12	30	<5	0.45	<1	14	91	543	6.88	0.15	<10	1.26	194	2	0.02	39	860	8	10	<20	17	<50	0.05	20	81	<10	<1	52
RMC37838	423.50	424.50	<.2	0.85	5	10	25	<5	0.25	<1	15	116	426	6.92	0.12	<10	0.84	178	2	0.01	60	450	6	<5	<20	10	<50	0.05	20	69	<10	<1	45
RMC37839	424.50	425.50	0.2	1.04	<5	8	30	<5	0.24	1	10	189	1778	4.09	0.1	<10	1.2	225	8	0.01	28	470	6	5	<20	10	<50	0.07	10	80	<10	1	100
RMC37841	425.50	426.50	0.6	1.04	<5	8	25	<5	0.18	1	13	96	2066	5.46	0.11	<10	1.18	189	<1	0.01	54	320	8	5	<20	9	<50	0.06	10	70	<10	<1	78
RMC37842	426.50	427.50	<.2	1	<5	10	25	<5	0.16	1	14	82	509	6.24	0.16	<10	0.96	173	8	0.01	31	230	8	10	<20	10	<50	0.04	20	64	<10	<1	41
RMC37843	427.50	428.50	0.2	0.91	<5	10	35	<5	0.15	<1	24	90	872	10.7	0.17	<10	0.81	149	10	0.01	35	260	8	<5	<20	10	<50	0.05	30	95	<10	<1	39
RMC37844	428.50	429.50	0.4	0.74	<5	10	45	<5	0.17	1	30	96	710	> 15	0.16	<10	0.58	143	8	0.01	56	310	8	<5	<20	11	<50	0.03	40	77	<10	<1	40
RMC37845	429.50	430.50	1	1.07	<5	12	50	<5	1.42	2	44	62	2978	> 15	0.12	<10	0.97	303	4	0.02	63	1160	38	<5	<20	27	<50	0.04	40	112	<10	<1	62
RMC37846	430.50	431.50	<.2	1.01	<5	10	30	<5	1.28	1	17	80	832	6.95	0.13	<10	0.98	295	3	0.02	32	870	26	15	<20	28	<50	0.05	<10	56	<10	<1	54
RMC37847	431.50	433.00	0.4	0.91	<5	10	30	<5	0.48	2	11	83	812	6.03	0.11	<10	0.91	209	<1	0.02	23	850	16	10	<20	13	<50	0.04	<10	46	<10	<1	79
RMC37848	433.00	434.50	0.2	0.92	<5	10	30	<5	0.58	1	15	64	1093	7.23	0.18	<10	0.79	175	<1	0.03	15	1240	10	<5	<20	16	<50	0.06	20	46	<10	<1	77
RMC37849	434.50	436.00	1	0.77	<5	10	35	<5	0.83	1	17	53	1288	8.09	0.24	<10	0.49	147	<1	0.02	20	1150	8	<5	<20	30	<50	<.01	20	25	<10	<1	60
RMC37850	436.00	437.00	0.4	0.94	20	10	25	<5	0.61	2	15	50	803	7.81	0.18	<10	0.73	144	1	0.02	18	1040	8	<5	<20	21	<50	<.01	20	35	<10	<1	86
RMC37851	437.00	438.00	0.4	1.02	10	10	30	<5	0.48	1	13	30	691	6.25	0.23	<10	0.79	125	1	0.01	11	1450	14	<5	<20	22	<50	<.01	10	46	<10	<1	46
RMC37852	438.00	439.50	<.2	1.35	5	10	30	<5	0.44	1	11	29	718	6.26	0.26	<10	1.22	181	2	0.01	11	1490	6	10	<20	14	<50	0.02	10	83	<10	1	73
RMC37853	439.50	440.50	0.6	0.7	15	8	30	<5	0.91	1	16	59	808	6.86	0.23	<10	0.42	102	2	0.01	21	850	6	<5	<20	28	<50	0.03	20	33	10	<1	49
RMC37854	440.50	441.50	<.2	1.07	<5	12	30	<5	0.97	<1	15	60	563	7.2	0.23	<10	0.85	168	7	0.02	25	1050	6	10	<20	29	<50	0.03	10	58	<10	<1	48
RMC37855	441.50	442.50	<.2	0.97	<5	12	30	<5	0.55	<1	16	49	463	6.01	0.22	<10	0.74	129	2	0.01	17	1270	6	5	<20	19	<50	0.05	10	60	<10	3	44
RMC37856	442.50	444.00	<.2	0.84	5	12	25	<5	0.4	<1	14	41	493	6.22	0.26	<10	0.56	83	2	<.01	18	1280	8	5	<20	9	<50	0.04	20	33	<10	1	26
RMC37857	444.00	445.50	<.2	1.48	5	12	30	<5	0.63	<1	12	46	260	4.98	0.23	<10	1.38	220	<1	0.02	10	1470	10	15	<20	17	<50	0.07	10	110	<10	4	48
RMC37858	445.50	446.50	<.2	1.51	<5	12	30	<5	0.59	<1	20	63	417	6.25	0.18	<10	1.45	237	<1	0.02	54	850	10	10	<20	21	<50	0.1	<10	78	<10	<1	57
RMC37859	446.50	447.50	0.6	1.2	<5	10	30	<5	0.62	2	24	64	780	7.8	0.2	<10	1.03	180	<1	0.01	54	1380	12	<5	<20	18	<50	0.04	20	45	<10	<1	87
RMC37861	447.50	448.50	<.2	0.87	<5	10	30	<5	0.63	1	23	81	551	6.55	0.16	<10	0.71	135	3	0.01	45	870	8	<5	<20	17	<50	0.01	10	43	<10	<1	53
RMC37862	448.50	450.00	<.2	1.12	<5	14	30	<5	0.86	<1	16	86	286	6.42	0.12	<10	1.05	221	<1	0.01	52	620	8	5	<20	29	<50	0.02	10	61	<10	<1	54
RMC37863	452.50	454.00	<.2	1.89	<5	12	35	<5	1.57	1	13	49	283	5.8	0.17	<10	1.9	386	2	0.03	11	1440	12	20	<20	41	<50	0.02	<10	168	<10	1	79
RMC37864	454.00	455.30	<.2	1.84	<5	12	30	<5	1.32	1	15	36	607	6.58	0.21	<10	1.79	284	<1	0.01	13	1430	12	20	<20	39	<50	0.02	10	128	<10	<1	69
RMC37865	455.30	456.50	<.2	1.81	<5	10	30	<5	0.84	<1	13	37	371	6.84	0.27	<10	1.6	214	2	<.01	9	1450	8	10	<20	30	<50	<.01	20	85	<10	<1	52
RMC37866	456.50	457.50	<.2	1.79	<5	10	35	<5	0.86	<1	12	43	362	6.68	0.25	<10	1.61	218	<1	<.01	8	1420	10	10	<20	33	<50	<.01	<10	87	<10	<1	57
RMC37867	457.50	459.00	<.2	1.87	<5	10	35	<5	1.25	1	17	32	307	7.72	0.19	<10	1.53	321	2	0.01	12	1460	14	15	<20	52	<50	0.01	20	85	<10	<1	63
RMC37868	459.00	460.50	<.2	1.95	<5	10	35	<5	1.85	1	14	50	236	5.28	0.16	<10	1.94	372	<1	0.03	10	1480	12	20	<20	88	<50	<.01	<10	147	<10	<1	86
RMC37869	477.00	478.50	<.2	0.56	<5	8	20	<5	0.76	<1	12	71	300	4.97	0.19	<10	0.55	152	12	0.01	23	900	4	<5	<20	51	<50	<.01	<10	21	<10	<1	31
RMC37870	497.00	498.50	0.4	0.43	<5	8	30	<5	1.64	4	21	53	255	8.01	0.25	<10	0.14	314	16	<.01	26	1320	18	<5	<20	75	<50	<.01	20	10	<10	<1	367
RMC37871	521.00	522.50	<.2	0.98	<5	10	30	<5	0.97	<1	19	63	443	6.44	0.17	<10	1.13	295	14	0.01	8	1090	8	<5	<20	33	<50	0.07	20	64	<10	<1	85
RMC37872	544.00	545.60	<.2	1.03	<5	10	30	<5	1	1	18	80	402	6.18	0.2	<10	1.14	301	12	0.02	8	1080	8	10	<20	35	<50	0.07	10	66	<10	<1	88
MC94-204			(If assay column contains a decimal = g/T, otherwise = ppm)																															
RMC37549	8.00	9.00	<.2	1.49	360	16	165	5	2.36	11	12	67	9	4.46	0.1	<10	1.32	1706	1	0.03	10	1430	30	20	<20	48	<50	<.01	<10	91	<10	1	632
RMC37550	26.50	27.50	<.2	1.86	15	244	60	10	0.94	<1	16	71	27	4.74	0.03	<10	1.47	674	<1	0.04	10	1480	20	15	<20	12	<50	0.1	<10	121	<10	2	61
RMC37551	27.50	28.50	<.2	1.42	5	318	45	5	0.97	<1	24	80	58	6.06	0.04	<10	1.06	897	<1	0.04	18	1430	18	20	<20	12	<50	0.1	<10	98	<10	2	58
RMC37552	43.00	44.50	<.2	1.97	10	40	90	10	3.83	2	13	64	6	4.43	0.06	<10	1.33	1597	<1	0.04	11	1370	36	20	<20	72	<50	0.08	<10	114	<10	4	160
RMC37553	44.50	46.00	<.2	1.76	25	20	170	10	3.85	1	15	59	2	5.09	0.1	<10	1.27	2599	<1	0.03	12	1410	42	25	<20	44	<50	0.05	<10	104	<10	4	143
RMC37554	57.00	58.00	1.2	1.15	75	16	255	10	9.7	2	8	37	<1	6.97	0.12	<10	0.76	8042	4	0.03	7	1190	14	20	<20	53	<50	0.01	20	62	<10	9	79
RMC37555	66.00	67.50	<.2	1.94	<5	34	110	10	2.43	<1	12	89	4	3.83	0.06	<10	1.18	1075	<1	0.05	11	1390	20	25	<20	26	<50	0.1	<10	103	<10	4	62
RMC37556	84.70	85.70	0.6	2.33	265	34	90	15	3.09	5	15	67	79	5.91	0.11	<10	1.96	2126	<1	0.04	11	1400	94	25	<20	55	<50	0.07	10	131	<10	3	288
RMC37557	85.70	86.70	<.2	1.92	<5	82	75	10	0.87	<1	17	92	45	5.37	0.05	<10	1.9	782	<1	0.04	12	1520	22	25	<20	14	<50	0.12	<10	142	<10	3	56

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
RMC37558	96.20	97.20	0.4	1.54	70	12	50	<5	0.98	1	22	129	120	6.5	0.07	<10	1.3	668	9	0.04	114	620	20	20	<20	23	<50	<.01	<10	138	<10	<1	48
RMC37559	97.20	98.50	0.4	0.94	155	10	90	<5	6.22	1	14	235	85	3.26	0.02	<10	0.79	1351	13	0.02	112	340	10	20	<20	96	<50	<.01	<10	71	<10	2	25
RMC37561	98.50	99.50	<.2	0.8	85	12	50	<5	0.85	1	16	254	92	3.7	0.05	<10	0.69	428	15	0.04	96	380	12	15	<20	12	<50	0.04	<10	81	<10	2	41
RMC37562	99.50	100.50	<.2	1.03	110	12	40	<5	1.27	1	20	204	82	4.39	0.06	<10	0.91	661	9	0.04	97	620	16	25	<20	22	<50	0.04	<10	126	<10	1	37
RMC37563	107.50	109.00	<.2	1.3	20	14	50	10	2.33	1	24	176	87	5.69	0.05	<10	1.23	746	6	0.04	56	820	16	30	<20	26	<50	0.11	<10	153	<10	3	102
RMC37564	111.50	112.50	1.4	0.78	150	12	50	10	2.43	10	23	127	95	7.29	0.07	<10	1.2	1404	9	0.03	68	890	90	25	<20	127	<50	<.01	20	66	<10	<1	707
RMC37565	117.00	118.00	0.6	1.18	50	14	45	5	1.64	1	18	156	107	6.39	0.09	<10	1.23	1003	8	0.02	65	510	24	45	<20	58	<50	<.01	<10	70	<10	<1	42
RMC37566	118.00	119.50	0.6	1.06	75	12	40	<5	1.07	1	22	199	148	5.86	0.1	<10	1.11	775	3	0.03	78	640	20	40	<20	50	<50	<.01	10	79	<10	<1	26
RMC37567	127.00	127.60	21.6	0.59	140	10	40	<5	4.17	47	14	140	1019	4.71	0.1	<10	0.58	1258	7	0.02	56	480	900	380	<20	100	<50	<.01	<10	17	<10	3	3859
RMC37568	127.60	129.00	0.8	0.4	130	12	45	<5	2.95	7	19	214	98	4.4	0.1	<10	0.61	667	4	0.03	91	710	22	40	<20	127	<50	<.01	<10	25	<10	<1	659
RMC37569	142.00	143.00	1	0.33	215	20	55	<5	1.34	4	36	99	168	11.6	0.15	<10	1	604	8	0.02	67	650	36	30	<20	190	<50	<.01	20	21	<10	<1	48
RMC37570	147.00	148.50	0.6	0.47	20	10	45	<5	0.9	3	15	269	77	4.74	0.09	<10	0.79	520	5	0.03	62	540	26	30	<20	60	<50	<.01	<10	58	<10	<1	383
RMC37571	148.50	150.00	0.6	0.39	30	12	35	<5	0.94	18	15	195	91	4.78	0.07	<10	0.58	414	11	0.02	56	450	26	25	<20	56	<50	<.01	<10	40	<10	<1	2695
RMC37572	150.00	151.50	0.6	0.51	40	12	45	<5	2.31	6	16	232	93	4.57	0.09	<10	0.61	659	4	0.03	65	760	18	25	<20	80	<50	<.01	<10	66	<10	<1	850
RMC37573	151.50	153.00	1.2	0.48	50	10	40	<5	1.62	16	17	191	120	5.63	0.09	<10	0.72	586	10	0.03	70	560	28	30	<20	83	<50	<.01	20	47	<10	<1	2340
RMC37574	153.00	154.50	1.8	0.35	195	12	45	<5	2.77	13	18	209	139	6.2	0.12	<10	0.89	810	4	0.02	98	460	18	35	<20	172	<50	<.01	20	27	<10	<1	1444
RMC37575	154.50	156.00	13.2	0.28	295	14	45	<5	1.76	24	24	194	304	7.06	0.12	<10	0.62	611	11	0.02	115	380	128	45	<20	134	<50	<.01	20	21	<10	<1	1994
RMC37576	156.00	157.50	1.4	0.42	180	10	45	<5	4.8	7	17	176	94	4.77	0.11	<10	0.39	748	4	0.02	86	370	136	20	<20	108	<50	<.01	10	20	<10	<1	245
RMC37577	163.50	165.00	1.2	0.57	100	12	40	<5	1.32	2	19	154	217	6.85	0.06	<10	0.59	619	11	0.02	68	460	42	10	<20	49	<50	<.01	10	70	<10	<1	79
RMC37578	165.00	166.00	1.2	0.33	250	12	40	<5	1.85	11	16	195	108	4.4	0.11	<10	0.48	440	5	0.02	78	470	26	20	<20	152	<50	<.01	<10	18	<10	<1	853
RMC37579	166.00	167.00	0.6	0.91	250	10	45	<5	1.38	4	14	141	111	5.54	0.07	<10	1.05	817	10	0.03	51	570	40	25	<20	51	<50	<.01	<10	93	<10	<1	224
RMC37581	167.00	168.00	1.2	0.65	225	10	45	<5	0.84	3	16	185	159	9.2	0.04	<10	0.69	667	4	0.02	55	290	24	10	<20	32	<50	<.01	20	66	<10	<1	56
RMC37582	168.00	169.50	1	0.75	125	12	40	<5	1.4	2	14	205	113	5.31	0.09	<10	0.8	667	14	0.04	56	580	22	15	<20	66	<50	<.01	<10	72	<10	<1	27
RMC37583	185.50	186.50	<.2	0.89	90	12	50	<5	3.37	2	25	134	150	6.6	0.02	<10	0.85	771	7	0.03	289	1140	12	35	<20	46	<50	0.02	10	93	<10	<1	44
RMC37584	186.50	188.00	1.4	0.95	250	10	50	<5	4.34	14	17	114	131	3.9	0.05	<10	0.82	1038	13	0.03	111	490	226	40	<20	65	<50	<.01	<10	91	<10	3	868
RMC37585	194.50	195.50	0.6	1.16	30	10	55	5	7.61	6	15	89	99	5.98	0.02	<10	1.21	1386	4	0.02	75	1640	14	40	<20	95	<50	<.01	10	85	<10	5	491
RMC37586	212.50	213.50	<.2	1.85	<5	12	50	10	1.13	<1	19	96	90	8.39	0.03	<10	1.9	1303	1	0.03	56	1300	26	20	<20	15	<50	0.05	10	152	<10	<1	57
RMC37587	223.00	224.50	0.2	1.09	15	10	45	<5	2.28	<1	14	146	102	5.29	0.06	<10	1.28	903	9	0.03	74	800	28	30	<20	54	<50	<.01	10	99	<10	<1	50
RMC37588	229.00	230.00	1	1.17	75	10	70	5	0.74	14	9	87	39	4.13	0.07	<10	0.9	659	5	0.03	22	1200	110	15	<20	28	<50	<.01	<10	62	<10	<1	531
RMC37589	230.00	231.00	<.2	0.89	30	10	55	<5	0.27	5	10	179	44	3.2	0.04	<10	0.7	430	8	0.03	33	650	28	10	<20	13	<50	<.01	<10	69	<10	<1	311
RMC37590	231.00	232.00	<.2	0.97	20	14	40	5	0.21	1	13	77	55	4.01	0.11	<10	0.71	346	5	0.02	40	830	26	15	<20	7	<50	<.01	<10	75	<10	<1	64
RMC37591	232.00	233.00	0.6	1.19	45	10	40	<5	0.24	8	12	118	95	4.9	0.05	<10	1.1	416	7	0.03	33	990	150	15	<20	5	<50	<.01	<10	135	<10	<1	655
RMC37592	238.00	239.00	1.4	0.96	255	10	40	<5	1.66	3	20	68	57	4.54	0.11	<10	1.19	775	5	0.03	37	970	32	20	<20	95	<50	<.01	<10	31	<10	<1	69
RMC37593	239.00	240.00	0.8	0.65	85	10	45	<5	2.45	2	12	52	50	4.43	0.1	<10	0.97	874	3	0.03	21	1050	26	20	<20	146	<50	<.01	<10	24	<10	<1	89
RMC37594	257.00	258.00	0.2	1.51	360	16	50	<5	1.49	5	22	83	200	9.4	0.15	<10	1.24	1118	3	0.02	31	1320	36	25	<20	42	<50	<.01	10	124	<10	<1	110
RMC37595	258.00	259.00	0.4	1.72	430	16	50	5	2.17	4	20	118	143	8.32	0.11	<10	1.57	1658	3	0.02	57	1470	34	25	<20	79	<50	<.01	10	97	<10	<1	78
RMC37596	259.00	260.00	0.6	2.12	1390	14	60	5	2.74	12	52	121	137	9.13	0.07	<10	2.17	2062	<1	0.02	48	1430	48	25	<20	97	<50	<.01	20	104	<10	<1	78
RMC37597	260.00	261.50	<.2	2.13	355	16	60	<5	3.44	3	22	56	122	6.91	0.05	<10	2.4	2749	<1	0.03	19	1630	36	30	<20	97	<50	0.05	10	143	<10	<1	83
RMC37598	261.50	263.00	0.2	2.56	30	20	65	<5	2.7	<1	13	31	91	7.86	0.14	<10	2.95	2400	<1	0.03	7	1420	68	30	<20	124	<50	<.01	10	141	<10	<1	73
RMC37599	263.00	264.50	5.6	0.5	8125	16	70	20	2.05	65	102	48	336	12.2	0.17	<10	1.51	1602	3	0.01	21	920	44	45	<20	195	<50	<.01	30	33	<10	<1	38
RMC37601	264.50	265.50	0.8	1.38	550	14	60	<5	3.04	5	36	35	106	8.04	0.18	<10	2.07	1030	4	0.02	8	1600	22	35	<20	198	<50	<.01	10	102	<10	<1	33
RMC37602	265.50	267.00	0.6	1.93	255	14	55	<5	1.56	3	33	27	107	8.7	0.09	<10	2.37	924	3	0.03	7	1440	30	30	<20	79	<50	<.01	10	141	<10	<1	41
RMC37603	267.00	268.00	3	1.06	3050	16	70	<5	1.98	25	170	58	271	13.2	0.08	<10	1.82	1520	4	0.02	20	900	32	35	<20	131	<50	<.01	30	65	<10	<1	70
RMC37604	268.00	269.00	2.6	1.09	675	14	45	10	2.76	7	39	33	109	6.65	0.15	<10	1.91	1303	4	0.02	6	1350	24	35	<20	139	<50	<.01	20	72	<10	<1	57
RMC37605	269.00	270.00	11	1.21	1030	16	50	15	2.39	10	50	32	155	9.44	0.16	<10	1.85	837	3	0.02	12	1380	62	30	<20	122	<50	<.01	20	72	<10	<1	38
RMC37606	270.00	271.50	1.8	0.4	230	12	45	5	4.19	3	18	19	53	6.44	0.17	<10	1.4	1647	3	0.02	7	1470	26	35	<20	235	<50	<.01	20	18	<10	1	24
RMC37607	271.50	273.00	8.4	0.96	800	12	55	10	3.89	9	29	35	103	6.95	0.15	<10	1.71	1251	2	0.02	9	1260	32	35	<20	214	<50	<.01	20	42	<10	<1	147
RMC37608	273.00	274.00	5.4	1.19	705	18	60	<5	3.73	7	20	28	155	6.11	0.13	<10	2.13	1757	3	0.02	4	1210	40	30	<20	178	<50	<.01	20	76	<10	<1	55
RMC37609	274.00	275.00	4.2	1.47	>10000	18	75	5	1.93	237	332	19	302	14.5	0.13	<10	2.39	2158	<1	0.02	11	1000	100	60	<20	145	<50	<.01	30	73	<10	<1	665

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
RMC37610	275.00	276.50	1.8	1.49	460	16	65	<5	3.62	8	28	18	159	7.33	0.19	<10	2.2	1422	1	0.03	7	1370	34	30	<20	166	<50	<.01	10	75	<10	<1	348
RMC37611	276.50	277.50	0.4	2.02	45	12	75	10	4.82	1	10	15	16	6.45	0.16	<10	2.65	1318	1	0.02	2	1270	22	35	<20	192	<50	<.01	<10	96	<10	1	51
RMC37612	277.50	278.50	11	0.68	605	18	70	25	1.86	9	40	21	194	12.6	0.16	<10	1.91	1471	1	0.02	6	1090	56	25	<20	210	<50	<.01	30	36	<10	<1	279
RMC37613	278.50	279.50	1.8	0.46	505	14	60	25	1.67	6	30	20	111	10.7	0.2	<10	1.33	1163	2	0.02	8	1360	34	20	<20	86	<50	<.01	20	25	<10	<1	73
RMC37614	279.50	280.50	5	0.88	1085	12	95	100	2.16	12	48	15	405	> 15	0.1	<10	1.49	1296	<1	0.02	8	740	64	15	<20	109	<50	<.01	40	47	<10	<1	109
RMC37615	280.50	281.50	5.8	0.67	2070	12	55	25	1.89	21	49	25	136	10.4	0.09	<10	1.41	1276	2	0.02	12	1030	136	35	<20	177	<50	<.01	20	37	<10	<1	104
RMC37616	281.50	283.00	0.6	1.45	30	10	60	<5	3.87	5	9	15	39	4.45	0.08	<10	2.47	1279	<1	0.03	4	1480	154	35	<20	121	<50	0.01	<10	132	<10	3	330
RMC37617	283.00	284.00	3.4	0.58	90	10	60	<5	5.39	7	15	31	93	5.71	0.14	<10	1.4	1179	<1	0.04	7	1380	288	20	<20	161	<50	<.01	10	46	<10	2	478
RMC37618	284.00	285.00	<.2	1.71	45	16	60	<5	2.07	3	39	35	270	8.52	0.04	<10	1.9	1418	<1	0.04	10	1280	56	30	<20	34	<50	0.09	10	202	<10	<1	101
RMC37619	285.00	286.00	<.2	1.84	<5	18	55	<5	1.5	1	27	41	209	8.82	0.02	<10	1.83	1382	<1	0.04	8	1330	44	25	<20	22	<50	0.11	20	207	<10	<1	72
RMC37621	286.00	287.50	<.2	1.83	<5	18	55	<5	1.82	<1	25	24	150	7.92	0.03	<10	1.73	1375	<1	0.04	5	1510	30	20	<20	23	<50	0.09	10	168	<10	2	32
RMC37622	287.50	288.50	<.2	3.69	5	28	35	15	3.58	<1	10	37	6	3.95	<.01	<10	2.46	2137	<1	0.04	1	1570	58	30	<20	25	<50	0.12	<10	190	<10	7	75
RMC37623	288.50	289.50	<.2	2.49	65	20	55	5	2.41	3	24	46	121	8.16	0.02	<10	2.33	1249	<1	0.03	8	1390	34	25	<20	22	<50	0.06	10	215	<10	<1	253
RMC37624	289.50	290.50	<.2	2.95	<5	24	45	10	2.01	<1	13	28	48	5.21	0.02	<10	2.31	2010	<1	0.03	3	1520	50	30	<20	20	<50	0.1	<10	171	<10	4	55
RMC37625	290.50	292.00	<.2	2.61	90	24	60	5	3.34	4	22	42	162	7.91	0.02	<10	2.45	1429	<1	0.04	9	1580	36	30	<20	33	<50	0.07	<10	232	<10	<1	250
RMC37626	292.00	293.50	<.2	2.2	70	24	70	<5	1.31	3	29	56	164	8.76	0.05	<10	2	1094	<1	0.05	7	1490	58	25	<20	19	<50	0.1	10	199	<10	<1	141
RMC37627	293.50	295.00	<.2	1.95	10	30	65	10	1.89	<1	21	76	105	6.35	0.04	<10	1.32	928	<1	0.07	10	1420	32	25	<20	19	<50	0.14	<10	152	<10	5	70
RMC37628	295.00	296.50	<.2	2.19	<5	30	60	15	1.97	2	24	48	107	7.27	0.04	<10	1.67	1082	<1	0.05	12	1480	48	30	<20	20	<50	0.11	<10	172	<10	2	95
RMC37629	296.50	298.00	<.2	2.2	<5	30	75	10	1.09	2	17	48	68	6.45	0.08	<10	2.18	1139	<1	0.06	9	1350	44	25	<20	22	<50	0.11	<10	196	<10	1	193
RMC37630	298.00	299.50	<.2	2.15	135	32	65	5	1.32	3	24	44	69	7.8	0.1	<10	1.93	998	<1	0.05	7	1310	48	25	<20	29	<50	0.11	20	175	<10	<1	227
RMC37631	320.50	322.00	1.4	0.89	485	14	60	<5	3.79	<1	12	10	65	6.43	0.24	<10	1.88	1442	<1	0.02	5	1300	26	25	<20	425	<50	<.01	<10	39	<10	<1	34
RMC37632	322.00	323.00	15	0.58	1070	16	50	<5	2.67	12	15	23	133	7.68	0.19	<10	1.23	1219	<1	0.02	6	1120	540	20	<20	315	<50	<.01	<10	42	<10	<1	545
RMC37633	323.00	324.00	2	0.67	515	20	40	<5	2.42	7	14	21	227	8.18	0.18	<10	0.7	596	<1	0.02	4	1150	212	10	<20	165	<50	<.01	<10	62	<10	<1	550
RMC37634	324.00	325.00	2	1.58	305	22	40	<5	1.52	21	23	19	290	8.88	0.24	<10	1.54	984	<1	0.01	4	1050	158	15	<20	69	<50	0.01	<10	117	<10	<1	1757
RMC37635	326.00	326.00	<.2	2.97	785	14	40	<5	1.31	3	21	15	92	7.65	0.06	<10	3.82	1454	<1	0.02	5	1250	40	25	<20	58	<50	0.05	<10	229	<10	<1	278
RMC37636	326.00	327.00	<.2	2.27	2170	18	35	<5	1.67	<1	28	18	84	7.82	0.08	<10	2.73	1342	<1	0.02	5	1220	68	20	<20	68	<50	0.06	<10	217	<10	<1	186
RMC37637	327.00	328.00	<.2	2.33	1415	18	45	<5	1.52	<1	28	17	95	7.89	0.08	<10	2.68	1363	<1	0.02	5	1230	40	15	<20	60	<50	0.07	<10	211	<10	<1	79
RMC37638	328.00	329.00	0.4	1.28	1305	78	45	<5	1.69	8	31	79	249	9.86	0.13	<10	1.16	1173	2	0.03	7	920	64	<5	<20	66	<50	0.06	<10	121	<10	<1	461
RMC37639	329.00	330.00	<.2	1.78	3455	340	45	<5	1.79	<1	34	46	126	8.28	0.05	<10	1.74	1049	<1	0.02	3	990	32	10	<20	61	<50	0.06	<10	134	<10	<1	66
RMC37641	330.00	331.00	<.2	1.51	5965	182	40	<5	1.98	<1	67	49	163	7.45	0.09	<10	1.44	911	<1	0.02	5	1070	34	20	<20	60	<50	0.08	<10	154	<10	<1	47
RMC37642	331.00	332.00	<.2	1.7	1340	114	40	5	1.02	<1	28	43	94	6.95	0.06	<10	1.81	875	<1	0.03	6	1230	86	15	<20	30	<50	0.1	<10	196	<10	<1	98
RMC37643	332.00	333.50	<.2	1.91	625	208	40	5	1.13	<1	21	68	53	5.28	0.03	<10	2.11	734	<1	0.04	6	1420	46	20	<20	23	<50	0.13	<10	198	<10	1	34
RMC37644	341.50	343.00	<.2	1.89	1830	84	40	<5	1.4	<1	40	53	95	7.74	0.11	<10	1.74	944	<1	0.04	7	1230	80	20	<20	58	<50	0.07	<10	182	<10	<1	75
RMC37645	343.00	344.50	<.2	1.73	255	128	40	10	1.91	1	25	49	72	6.92	0.17	<10	1.4	868	<1	0.04	9	1300	80	15	<20	59	<50	0.1	<10	162	<10	<1	57
RMC37646	344.50	345.50	<.2	1.57	255	126	45	<5	1.52	1	19	45	55	5.88	0.08	<10	1.38	763	<1	0.03	8	1250	62	15	<20	50	<50	0.11	<10	177	<10	4	65
RMC37647	345.50	347.00	<.2	2.55	360	92	55	5	1.27	<1	19	38	41	6.2	0.07	<10	2.4	843	<1	0.04	5	1260	50	20	<20	37	<50	0.08	<10	197	<10	<1	53
RMC37648	347.00	348.50	<.2	2.14	1540	206	50	<5	1.16	<1	38	41	42	5.82	0.08	<10	1.94	587	<1	0.05	7	1290	54	15	<20	41	<50	0.07	<10	162	<10	<1	50
RMC37649	348.50	349.50	<.2	2.05	1220	124	40	<5	1.16	<1	33	34	81	8.13	0.07	<10	1.91	619	<1	0.04	5	1260	58	15	<20	31	<50	0.09	<10	177	<10	<1	73
RMC37650	349.50	350.50	<.2	2.08	1315	118	50	<5	1.14	<1	35	33	84	7.92	0.06	<10	1.96	626	<1	0.03	6	1250	58	15	<20	32	<50	0.09	<10	183	<10	<1	77
RMC37651	350.50	351.50	<.2	1.86	865	76	45	<5	1.6	<1	28	51	102	6.26	0.09	<10	1.79	741	<1	0.04	6	1260	38	20	<20	39	<50	0.1	<10	191	<10	<1	84
RMC37652	351.50	353.00	<.2	2.3	600	34	60	<5	2.54	<1	22	41	110	6.74	0.1	<10	2.25	1077	<1	0.04	5	1290	54	20	<20	49	<50	0.09	<10	205	<10	<1	56
RMC37653	353.00	354.00	<.2	2.3	85	30	50	<5	2.79	<1	15	44	113	7.19	0.08	<10	2.44	1473	<1	0.04	6	1300	26	15	<20	49	<50	0.1	<10	230	<10	1	54
RMC37654	354.00	355.50	<.2	2.2	35	30	55	<5	2.17	<1	14	44	66	7.01	0.07	<10	2.42	1452	<1	0.04	7	1230	28	15	<20	45	<50	0.11	<10	236	<10	2	54
RMC37655	355.50	356.50	<.2	2.43	220	26	60	<5	1.6	<1	16	44	53	7.14	0.07	<10	2.58	1369	<1	0.04	6	1300	30	25	<20	35	<50	0.1	<10	240	<10	<1	77
RMC37656	356.50	357.60	<.2	2.64	75	22	60	10	1.79	<1	15	37	44	6.81	0.11	<10	2.56	1286	<1	0.06	7	1380	40	15	<20	55	<50	0.11	<10	232	<10	<1	58
RMC37657	357.60	360.40	<.2	1.9	10	18	60	5	2.11	<1	12	26	70	5.71	0.1	<10	1.81	906	<1	0.05	6	1370	24	10	<20	48	<50	0.1	<10	194	<10	4	55
RMC37658	360.40	361.40	<.2	1.97	25	20	45	5	1.85	<1	20	49	93	8.13	0.13	<10	1.89	1078	<1	0.04	7	1270	34	10	<20	41	<50	0.1	<10	200	<10	<1	59
RMC37659	361.40	362.40	<.2	1.96	<5	16	80	10	5.09	1	11	30	46	5.99	0.09	<10	1.81	1429	<1	0.03	6	1310	24	20	<20	83	<50	0.09	<10	195	<10	5	67
RMC37661	371.00	372.00	<.2	2.43	655	20	60	5	3.28	1	19	47	101	7.52	0.2	<10	2.28	1037	1	0.03	4	1280	50	15	<20	75	<50	0.02	<10	145	<10	<1	89

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
RMC39236	372.00	373.00	<.2	2.31	270	14	100	10	4.9	4	13	30	57	6.49	0.13	<10	2.32	1201	<1	0.02	5	1270	66	15	<20	97	<50	<.01	10	130	<10	<1	189
RMC39245	373.00	374.00	<.2	2.17	105	10	100	10	3.73	2	11	28	53	6.32	0.11	<10	2.3	1196	<1	0.02	8	1310	64	15	<20	109	<50	<.01	20	144	<10	<1	103
RMC37662	374.50	376.00	0.4	2	350	18	50	<5	3.64	1	15	23	189	7.34	0.2	<10	1.83	947	<1	0.02	6	1240	64	10	<20	91	<50	0.02	<10	140	<10	<1	85
RMC39237	376.00	377.00	0.6	1.55	1780	12	55	5	5.42	10	26	22	80	7.31	0.16	<10	2.21	1126	<1	0.01	5	1240	88	10	<20	225	<50	<.01	20	96	<10	<1	70
RMC39238	377.00	378.00	<.2	1.77	335	12	55	<5	6.17	3	17	25	89	5.85	0.12	<10	1.92	1099	<1	0.01	6	1250	30	10	<20	163	<50	0.01	20	87	<10	<1	52
RMC37663	378.00	379.00	0.2	1.73	450	16	45	<5	2.91	1	30	37	211	7.6	0.2	<10	1.62	800	<1	0.03	6	1320	50	20	<20	88	<50	0.03	<10	129	<10	<1	67
RMC37664	384.50	385.50	<.2	1.71	280	20	40	<5	1.94	1	25	50	416	7.5	0.18	<10	1.7	1092	<1	0.02	6	1270	90	20	<20	51	<50	0.08	<10	133	<10	3	55
RMC37665	389.00	390.00	<.2	1.53	175	16	35	<5	1.75	1	24	56	186	7.36	0.2	<10	1.41	909	<1	0.03	6	1360	122	10	<20	41	<50	0.1	<10	168	<10	1	68
RMC37666	390.00	391.00	<.2	1.35	2090	16	40	<5	2.61	<1	48	53	237	7.87	0.23	<10	1.13	768	<1	0.02	6	1210	80	10	<20	65	<50	0.08	<10	98	<10	2	78
RMC37667	391.00	392.00	<.2	1.75	5910	16	40	<5	2.42	<1	37	44	154	7.4	0.22	<10	1.64	949	<1	0.03	4	1370	118	20	<20	73	<50	0.09	<10	134	<10	<1	115
RMC37668	392.00	393.50	<.2	2.21	660	14	45	<5	1.49	2	23	39	150	7.78	0.21	<10	2.26	1042	<1	0.03	4	1340	88	15	<20	45	<50	0.14	<10	151	<10	<1	116
RMC37669	393.50	394.80	0.4	1.36	>10000	18	60	<5	1.48	<1	193	41	661	> 15	0.14	<10	1.25	691	<1	0.02	16	700	236	80	<20	34	<50	0.04	<10	75	<10	<1	58
RMC37670	394.80	396.00	0.6	1.34	>10000	16	85	<5	1.82	<1	125	32	802	> 15	0.09	<10	1.26	582	<1	0.02	18	330	148	10	<20	28	<50	0.02	<10	73	<10	<1	38
RMC37671	396.00	397.00	<.2	2.42	510	16	45	<5	0.8	<1	24	46	118	8.38	0.1	<10	2.63	1029	<1	0.04	4	1340	104	10	<20	30	<50	0.11	<10	203	<10	<1	67
RMC37672	397.00	398.50	<.2	2.1	260	24	45	<5	1.36	<1	22	49	113	7.46	0.08	<10	2.26	1072	<1	0.04	6	1330	76	15	<20	30	<50	0.09	<10	196	<10	<1	50
RMC37673	398.50	400.00	<.2	1.83	125	28	40	<5	1.66	1	21	48	115	7.29	0.05	<10	1.99	1199	2	0.03	7	1330	60	20	<20	28	<50	0.08	<10	183	<10	<1	46
RMC37674	400.00	401.50	<.2	1.81	105	20	45	<5	2.14	1	21	65	116	7.22	0.08	<10	1.98	1226	<1	0.04	7	1370	102	20	<20	40	<50	0.1	<10	190	<10	2	42
RMC37675	401.50	403.00	<.2	2.17	340	16	55	<5	2.99	1	15	39	92	6.49	0.16	<10	2.33	1232	<1	0.02	5	1340	60	30	<20	125	<50	0.07	<10	166	<10	<1	62
RMC37676	411.00	412.00	<.2	2.48	<5	20	40	<5	1.45	<1	20	74	155	9.47	0.15	<10	1.98	437	<1	0.09	9	1520	54	10	<20	59	<50	0.09	<10	136	<10	<1	40
RMC37677	412.00	413.00	<.2	2.82	<5	14	40	<5	1.68	1	24	73	159	9	0.15	<10	1.93	401	<1	0.13	10	1510	74	20	<20	85	<50	0.09	<10	144	<10	<1	72
RMC37678	413.00	414.00	<.2	2.8	20	12	40	5	1.6	1	24	66	128	8.33	0.12	<10	2.08	440	<1	0.11	7	1570	76	10	<20	70	<50	0.11	<10	146	10	<1	58
RMC37679	414.00	415.00	<.2	2.18	<5	10	40	<5	1.26	<1	17	47	122	7.49	0.06	<10	2.01	464	<1	0.04	7	1590	52	25	<20	26	<50	0.08	<10	145	<10	<1	46
RMC37681	421.00	422.00	<.2	2.26	<5	8	40	5	2.04	1	20	63	124	7.99	0.12	<10	1.94	291	1	0.07	11	1220	54	15	<20	56	<50	0.11	<10	160	<10	<1	56
RMC37682	437.00	438.50	<.2	2.09	<5	14	45	15	1.62	1	24	43	36	6.8	0.03	<10	1.44	653	<1	0.06	5	1560	30	10	<20	31	<50	0.13	<10	152	<10	2	46
RMC37683	440.00	441.50	<.2	2.41	<5	10	50	15	1.31	<1	28	48	32	6.77	0.07	<10	1.95	672	<1	0.07	6	1550	70	15	<20	56	<50	0.15	<10	183	10	<1	62
RMC37684	447.50	449.00	0.2	2.43	10	10	35	10	1.26	<1	22	52	55	7.37	0.12	<10	2.01	245	<1	0.09	7	1430	50	10	<20	61	<50	0.1	<10	154	<10	<1	44
RMC37685	449.00	450.00	<.2	2.32	450	10	40	15	1.3	2	27	49	77	8.05	0.18	<10	2.03	198	<1	0.05	8	1520	30	15	<20	35	<50	0.08	<10	149	<10	<1	66
RMC37686	450.00	451.00	<.2	2.29	1595	28	40	10	1.99	5	37	46	85	8.42	0.11	<10	1.84	239	<1	0.02	7	1630	40	10	<20	23	<50	0.07	<10	131	<10	<1	72
RMC37687	451.00	452.00	3.6	1.08	2165	4	65	<5	0.67	397	30	45	382	> 15	0.21	<10	0.68	260	<1	0.01	3	960	48	<5	<20	24	<50	0.04	<10	40	100	<1	>10000
RMC37688	452.00	453.00	<.2	2.16	330	14	30	5	0.8	5	17	38	74	7.1	0.15	<10	2.32	416	<1	0.03	10	1450	28	20	<20	39	<50	0.06	<10	134	<10	<1	254
RMC37689	453.00	454.00	<.2	2.22	150	12	35	10	2.05	2	16	44	51	6.61	0.15	<10	2.45	460	<1	0.05	9	1480	36	20	<20	55	<50	0.05	<10	145	<10	<1	77
RMC37690	454.00	455.50	<.2	2.69	415	10	40	10	1.08	2	20	50	59	7.28	0.12	<10	2.55	316	<1	0.1	12	1400	40	25	<20	64	<50	0.06	<10	151	<10	1	55
RMC37691	455.50	457.00	<.2	3.12	440	12	45	10	1.46	2	22	44	59	7.71	0.12	<10	2.66	399	<1	0.12	11	1540	50	10	<20	88	<50	0.06	<10	151	<10	<1	52
RMC37692	466.00	467.00	<.2	2.03	<5	8	45	<5	1.63	4	24	54	152	10.5	0.13	<10	1.8	332	<1	0.03	16	1220	76	15	<20	36	<50	0.07	<10	106	<10	<1	131
RMC37693	467.00	468.00	<.2	2.31	<5	10	35	5	1.09	1	19	45	73	7.64	0.12	<10	2.06	368	<1	0.08	6	1480	34	10	<20	57	<50	0.1	<10	141	<10	<1	39
RMC37694	468.00	469.00	<.2	2.64	<5	12	40	<5	1.38	<1	19	47	71	7.49	0.12	<10	2.07	313	<1	0.11	7	1540	38	15	<20	56	<50	0.09	<10	164	<10	<1	37
RMC37695	469.00	470.50	<.2	2.55	<5	10	40	5	1.58	<1	21	43	83	7.99	0.11	<10	2.19	304	<1	0.11	10	1450	44	20	<20	68	<50	0.07	<10	162	<10	<1	42
RMC37696	470.50	472.00	0.8	2.03	480	10	35	<5	1.98	3	19	48	93	7.73	0.18	<10	2.14	369	<1	0.03	15	1460	52	20	<20	80	<50	<.01	<10	121	<10	<1	109
RMC37697	472.00	473.50	<.2	2.08	<5	10	30	<5	1.28	1	19	39	81	7.46	0.15	<10	2.09	299	<1	0.05	9	1540	28	15	<20	43	<50	0.06	<10	142	<10	2	51
RMC37698	473.50	475.00	<.2	1.71	<5	10	35	<5	0.97	<1	23	45	101	8.14	0.17	<10	1.72	208	<1	0.04	9	1510	20	15	<20	30	<50	0.05	<10	103	10	2	32
RMC37699	475.00	476.50	<.2	2.11	<5	14	40	<5	0.85	2	27	38	138	9.52	0.19	<10	2.03	225	<1	0.05	6	1450	26	10	<20	37	<50	0.05	<10	104	<10	<1	78
RMC37701	476.50	478.00	<.2	2	<5	10	35	10	0.77	<1	30	44	108	7.82	0.17	<10	1.99	201	<1	0.05	8	1590	26	10	<20	27	<50	0.05	<10	98	<10	1	41
RMC37702	478.00	479.50	<.2	2.13	<5	10	35	10	0.91	1	23	39	139	9.14	0.15	<10	2.16	203	<1	0.05	9	1660	24	10	<20	36	<50	0.05	<10	108	<10	<1	43
RMC37703	479.50	481.00	<.2	2.35	<5	10	35	<5	0.83	<1	19	51	131	8.2	0.16	<10	2.45	254	<1	0.05	13	1590	22	10	<20	36	<50	0.06	<10	124	<10	<1	39
RMC37704	481.00	482.50	<.2	2.25	<5	12	30	<5	0.75	<1	17	58	88	6.59	0.11	<10	2.44	286	<1	0.06	20	1530	22	20	<20	36	<50	0.07	<10	150	<10	2	30
RMC37705	482.50	484.00	<.2	2.32	<5	10	30	5	0.87	1	22	72	90	7.15	0.1	<10	2.51	289	<1	0.07	23	1380	26	15	<20	42	<50	0.06	<10	130	<10	1	54
RMC37706	484.00	485.50	<.2	2.22	<5	10	35	<5	1.08	1	18	52	114	7.25	0.09	<10	2.59	363	<1	0.05	9	1550	24	20	<20	34	<50	0.06	<10	169	<10	1	66
RMC37707	485.50	487.00	<.2	2.3	<5	12	35	5	0.94	<1	15	51	117	7.1	0.1	<10	2.8	431	<1	0.05	7	1570	22	20	<20	33	<50	0.06	<10	171	<10	3	58
RMC37708	487.00	488.50	<.2	2.06	<5	10	35	<5	1.32	2	21	50	142	8.52	0.11	<10	2.41	389	<1	0.03	8	1500	18	15	<20	28	<50	0.06	<10	177	<10	<1	47

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
RMC37709	488.50	489.50	<.2	1.54	<5	10	30	<5	0.97	2	23	143	125	7.72	0.16	<10	1.59	276	<1	0.03	53	1130	18	10	<20	24	<50	0.05	<10	80	<10	<1	99
RMC37710	489.50	490.50	<.2	1.4	<5	10	30	<5	0.81	2	17	161	116	7.22	0.16	<10	1.42	264	<1	0.02	74	930	16	10	<20	22	<50	0.06	<10	66	<10	<1	131
RMC37711	490.50	491.50	0.4	1.68	55	12	35	<5	2.21	3	21	50	147	8.86	0.19	<10	1.65	342	<1	0.02	19	1390	18	15	<20	43	<50	0.05	<10	78	<10	<1	148
RMC37712	491.50	492.50	<.2	2.24	10	10	35	<5	1.52	<1	13	27	90	5.38	0.2	<10	2.48	373	<1	0.02	4	1540	18	15	<20	35	<50	0.05	<10	150	<10	5	76
RMC37713	492.50	493.50	<.2	2.15	10	10	35	5	1.97	<1	15	27	115	7.05	0.16	<10	2.41	378	<1	0.02	6	1490	20	20	<20	39	<50	0.05	<10	140	<10	<1	58
RMC37714	493.50	494.50	<.2	2.27	110	10	40	5	1.41	<1	16	40	117	7.05	0.17	<10	2.5	394	<1	0.02	15	1500	22	20	<20	36	<50	0.05	<10	120	<10	<1	64
RMC37715	494.50	495.50	<.2	2.19	670	10	45	<5	2.14	4	24	123	131	9.15	0.15	<10	2.54	398	<1	0.02	109	1410	20	10	<20	37	<50	0.04	<10	81	<10	<1	160
RMC37716	495.50	496.50	<.2	1.94	1490	10	40	<5	1.11	5	28	132	121	8.43	0.18	<10	2.24	314	<1	0.01	97	1390	22	10	<20	23	<50	0.03	<10	68	<10	<1	98
RMC37717	496.50	497.50	0.8	1.81	4205	10	45	<5	0.7	12	55	126	214	11.3	0.15	<10	2.09	261	<1	<.01	111	1030	40	5	<20	16	<50	0.02	<10	53	<10	<1	43
RMC37718	497.50	498.50	0.2	1.49	1315	10	35	5	1.71	4	20	89	77	5.67	0.19	<10	1.58	253	<1	0.01	66	1290	28	20	<20	32	<50	0.04	<10	40	<10	1	28
RMC37719	498.50	499.50	0.4	1.77	970	10	35	10	1.24	3	23	98	106	7.52	0.19	<10	1.94	314	<1	0.01	53	1430	34	15	<20	28	<50	0.03	<10	71	<10	<1	33
RMC37721	499.50	500.50	<.2	1.95	35	10	40	<5	1	2	22	28	140	7.78	0.21	<10	2.16	375	<1	0.02	13	1520	22	15	<20	29	<50	0.04	<10	113	<10	<1	66
RMC37722	500.50	501.50	<.2	2.01	45	10	45	<5	1.5	1	17	31	150	8.75	0.19	<10	2.24	389	<1	0.01	9	1510	20	10	<20	35	<50	0.03	<10	101	<10	<1	46
RMC37723	501.50	502.50	<.2	2.29	20	12	40	<5	1.16	1	18	89	144	8.28	0.18	<10	2.48	486	<1	0.02	36	1350	26	20	<20	30	<50	0.07	<10	96	<10	<1	66
RMC37724	502.50	503.50	0.4	0.96	<5	10	40	<5	1.32	2	31	30	218	8.9	0.23	<10	0.68	185	<1	<.01	54	1780	18	5	<20	28	<50	0.08	<10	22	<10	2	73
RMC37725	503.50	504.50	2.8	0.67	105	8	35	5	1.34	9	22	45	139	9.44	0.22	<10	0.34	166	<1	<.01	53	1530	18	<5	<20	29	<50	0.07	<10	11	<10	<1	813
RMC37726	504.50	505.50	7.4	0.38	115	8	25	10	0.82	2	16	52	114	8.25	0.2	<10	0.04	77	<1	<.01	46	1350	22	5	<20	16	<50	0.05	<10	8	<10	<1	71
RMC37727	505.50	507.00	3.4	0.37	110	8	25	10	0.7	1	17	63	64	8.41	0.18	<10	0.05	66	1	<.01	46	1080	20	<5	<20	16	<50	0.04	<10	9	<10	<1	25
RMC37728	507.00	508.50	0.8	1.58	120	8	40	<5	1.05	2	20	60	134	7.1	0.2	<10	1.62	335	<1	0.01	39	1580	24	15	<20	24	<50	0.05	<10	39	<10	<1	210
RMC37729	508.50	510.00	<.2	1.88	120	14	40	10	1.33	4	24	125	75	8.77	0.17	<10	2.06	448	<1	0.01	46	1630	22	15	<20	30	<50	0.08	<10	58	20	1	337
RMC37730	510.00	511.50	<.2	1.83	155	12	40	20	1.36	3	28	59	35	9.25	0.17	<10	2.37	463	<1	0.02	19	1640	28	20	<20	31	<50	0.05	<10	114	<10	<1	138
RMC37731	511.50	524.00	0.4	1.32	95	8	35	15	1.42	1	41	54	71	10.2	0.16	<10	1.4	272	1	0.01	52	1440	18	10	<20	52	<50	0.03	<10	30	<10	<1	32
RMC37732	524.00	543.50	1	1.7	80	8	30	<5	0.61	1	12	75	114	4.75	0.16	<10	2	266	<1	0.01	37	1400	20	20	<20	23	<50	0.01	<10	41	<10	<1	69
RMC37733	543.50	548.00	2	0.27	145	10	45	30	0.42	2	32	76	28	> 15	0.14	<10	0.02	34	2	<.01	38	730	8	<5	<20	20	<50	<.01	<10	7	<10	<1	22
RMC39239	543.50	545.00	0.8	1.1	120	8	40	<5	0.7	1	26	62	78	6.23	0.14	<10	1.22	186	2	<.01	54	1340	6	5	<20	26	<50	<.01	20	26	<10	<1	25
RMC39241	545.00	546.00	1	1.46	135	6	45	<5	0.56	1	19	60	194	6.01	0.12	<10	1.85	225	<1	<.01	69	1270	10	10	<20	27	<50	<.01	20	25	<10	<1	37
RMC39242	546.00	547.00	1.6	1	115	8	40	<5	0.69	1	18	63	82	4.78	0.17	<10	1.16	163	4	<.01	55	1510	8	5	<20	37	<50	<.01	10	19	<10	<1	24
RMC39243	548.00	549.00	0.8	0.58	75	6	40	10	0.68	<1	19	51	19	6.39	0.16	<10	0.62	109	2	<.01	34	1290	4	<5	<20	46	<50	<.01	20	14	<10	<1	15
RMC39244	549.00	550.00	0.4	0.97	60	6	40	<5	0.67	1	18	57	27	5.68	0.17	<10	1.17	176	4	<.01	12	1480	6	10	<20	43	<50	<.01	10	23	<10	<1	26
RMC37734	550.00	551.70	1.8	0.98	70	8	30	5	1.66	1	21	40	63	7.07	0.22	<10	1.37	292	<1	0.01	20	1770	12	20	<20	80	<50	<.01	<10	26	<10	<1	38
MC94-223			(If assay column contains a decimal = g/T, otherwise = ppm)																															
RMC26771	13.00	14.00	1.6	0.54	10	8	40	<5	0.35	3	9	184	92	2.11	0.11	<10	0.49	233	16	<.01	64	320	8	15	<20	9	<50	0.04	<10	147	<10	7	320
RMC26772	19.00	20.20	1.2	0.73	25	8	30	<5	0.67	1	11	176	72	2.65	0.11	<10	0.74	400	41	0.01	93	380	10	15	<20	12	<50	0.04	<10	141	<10	4	198
RMC26773	20.20	21.00	1.4	0.71	10	8	45	<5	1.38	1	9	119	59	2.47	0.11	<10	0.72	363	14	0.02	39	2210	16	15	<20	50	<50	<.01	<10	57	<10	5	93
RMC26774	21.00	22.00	1.2	0.8	60	10	30	<5	1.59	3	13	138	73	3.44	0.14	<10	0.76	458	81	0.01	88	1390	22	15	<20	48	<50	<.01	<10	159	<10	4	192
RMC26775	22.00	23.00	0.8	1.41	<5	8	35	5	3.52	3	11	81	45	5.15	0.1	<10	1.61	679	1	0.02	11	6160	12	15	<20	53	<50	0.03	<10	36	<10	12	233
RMC26776	25.00	26.00	1	1.14	<5	8	40	10	6.7	2	10	89	37	4.1	0.06	<10	1.41	992	<1	0.01	8	420	10	15	<20	100	<50	0.07	<10	32	<10	3	118
RMC26777	29.00	30.00	0.8	1.17	<5	8	45	<5	1.42	3	13	112	67	4.23	0.05	<10	1.28	541	<1	0.02	14	610	10	15	<20	28	<50	0.04	<10	36	<10	1	297
RMC26778	37.00	38.00	3.6	0.48	10	6	55	<5	0.81	2	10	175	197	1.74	0.04	<10	0.56	299	<1	0.01	27	250	8	20	<20	15	<50	0.03	<10	32	<10	3	123
RMC26779	44.00	45.00	4	0.54	20	8	50	<5	0.58	1	12	133	151	2.06	0.12	<10	0.37	216	<1	0.01	31	230	8	15	<20	9	<50	0.07	<10	25	<10	4	105
RMC26781	49.00	50.00	1.2	0.43	15	8	45	<5	0.65	<1	9	167	63	1.88	0.07	<10	0.4	160	<1	0.01	31	260	6	10	<20	11	<50	0.05	<10	16	<10	4	46
RMC26782	50.00	51.00	1.4	0.96	25	8	40	<5	0.79	<1	11	136	74	3.4	0.08	<10	1.06	360	72	0.02	71	190	12	25	<20	10	<50	0.07	<10	256	<10	6	91
RMC26783	63.00	64.00	0.8	0.57	85	8	40	<5	0.6	<1	11	203	81	2.39	0.11	<10	0.62	192	9	0.01	60	330	12	15	<20	19	<50	<.01	<10	65	<10	1	42
RMC26784	69.00	70.00	0.4	1.06	30	8	35	<5	0.5	<1	15	147	102	3.5	0.11	<10	1.23	255	4	0.02	63	300	10	20	<20	10	<50	0.1	<10	65	<10	3	37
RMC26785	89.00	90.00	0.6	0.69	80	8	35	<5	1.13	1	11	152	79	2.79	0.14	<10	0.69	253	32	<.01	68	1640	14	10	<20	48	<50	<.01	<10	100	<10	4	57
RMC26786	93.00	94.00	0.4	1.14	<5	8	40	<5	0.89	<1	9	91	55	3.44	0.07	<10	1.28	365	<1	0.01	19	160	6	15	<20	21	<50	0.02	<10	24	<10	1	37

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
RMC26787	95.00	96.00	<.2	1.65	5	8	40	10	1.55	<1	14	92	69	4.8	0.09	<10	1.92	561	<1	0.02	19	170	8	20	<20	31	<50	0.13	<10	47	<10	4	35
RMC26788	96.00	97.00	0.6	1.24	<5	8	35	<5	0.83	<1	13	150	82	3.91	0.08	<10	1.4	386	5	0.02	48	680	10	20	<20	19	<50	0.07	<10	67	<10	5	40
RMC26789	97.00	98.00	0.6	0.73	5	8	25	<5	0.68	<1	13	186	96	3.54	0.08	<10	0.73	242	6	0.02	64	190	8	10	<20	13	<50	0.05	<10	62	<10	2	46
RMC26790	98.00	99.00	0.8	1.41	20	10	35	<5	2.49	3	19	191	153	5.34	0.04	<10	1.89	576	9	0.02	67	4430	10	25	<20	34	<50	0.06	<10	103	<10	9	249
RMC26791	118.00	119.00	0.4	1.26	20	8	60	<5	8.71	<1	10	111	63	2.63	0.08	<10	1.72	752	<1	<.01	51	1940	6	25	<20	113	<50	0.06	<10	54	<10	8	99
RMC26792	122.00	123.00	0.2	1.91	<5	10	45	<5	2.84	<1	15	27	77	5.73	0.07	<10	1.57	784	<1	0.03	1	1370	12	15	<20	73	<50	<.01	<10	125	<10	<1	59
RMC26793	140.00	141.00	1	1.09	135	8	50	<5	1.76	6	13	124	83	4.01	0.09	<10	1.12	1346	<1	0.02	44	620	22	15	<20	56	<50	<.01	<10	68	<10	1	352
RMC26794	150.00	151.00	1	0.74	155	8	40	<5	2.76	1	11	100	60	3.84	0.1	<10	1.16	1793	3	<.01	39	560	20	10	<20	119	<50	<.01	<10	26	<10	1	62
RMC26795	154.20	155.00	1.8	1.34	110	10	40	<5	2.92	1	29	44	171	6.19	0.08	<10	1.75	2273	<1	0.04	26	1270	14	15	<20	85	<50	<.01	<10	108	<10	<1	44
RMC26796	157.00	158.00	<.2	2	5	14	75	10	2	<1	11	38	13	3.67	0.05	<10	1.05	858	<1	0.05	5	1340	10	10	<20	26	<50	0.1	<10	98	<10	2	56
RMC26797	175.00	176.00	<.2	2.3	25	18	45	10	2.12	<1	26	44	42	4.94	0.04	<10	1.64	806	<1	0.04	9	1270	14	15	<20	22	<50	0.09	<10	123	<10	<1	60
RMC26798	180.00	181.00	1	0.84	965	8	55	<5	5.75	3	20	22	71	5.16	0.11	<10	1.64	1407	<1	0.03	5	1860	18	15	<20	178	<50	<.01	<10	54	<10	3	195
RMC26799	194.00	195.00	<.2	1.65	20	16	50	<5	1.89	<1	15	37	21	3.61	0.04	<10	1.15	588	<1	0.06	7	1270	8	10	<20	32	<50	0.1	<10	87	<10	1	48
RMC26801	215.00	216.00	0.8	1.89	210	14	70	<5	3.12	3	15	30	50	4.07	0.07	<10	1.32	778	<1	0.04	6	1360	82	15	<20	70	<50	0.08	<10	98	<10	3	139
RMC26802	220.00	221.00	1.2	0.58	90	10	45	<5	5.64	1	20	26	152	5.86	0.13	<10	0.62	448	30	0.03	92	1210	30	10	<20	190	<50	<.01	<10	59	<10	<1	35
RMC26803	231.00	232.00	0.6	0.99	70	10	30	<5	1.44	2	14	155	198	4	0.19	<10	0.78	183	114	0.02	132	2760	16	15	<20	31	<50	<.01	<10	281	<10	6	153
RMC26804	232.00	233.00	1.8	1.07	445	10	50	<5	5.18	7	15	90	169	5.82	0.19	<10	1.9	629	88	0.01	106	9430	44	30	<20	300	<50	<.01	<10	190	<10	13	498
RMC26805	233.00	234.00	1.2	1.42	115	16	30	<5	3.92	1	12	46	233	7.56	0.02	<10	4.42	1149	33	0.01	59	480	10	25	<20	153	<50	0.01	<10	70	<10	3	67
RMC26806	234.00	235.00	0.8	1.11	5	10	35	<5	1.56	1	21	84	258	9.22	0.04	<10	1.63	450	32	0.03	94	500	26	10	<20	35	<50	0.06	<10	63	<10	<1	28
RMC26807	235.00	236.00	2.8	0.79	305	8	25	<5	1.19	15	18	82	269	6.39	0.12	<10	0.82	260	27	0.02	54	640	52	10	<20	54	<50	<.01	<10	44	<10	<1	1074
RMC26808	236.00	237.00	2.4	0.76	485	8	25	<5	1.57	13	20	76	242	6.08	0.17	<10	0.83	232	28	0.02	72	1480	58	10	<20	67	<50	<.01	<10	39	<10	2	957
RMC26809	256.00	257.00	1	1.49	40	8	25	5	0.94	1	17	85	44	5.5	0.08	<10	1.66	1105	3	0.03	25	820	16	15	<20	39	<50	<.01	<10	108	<10	<1	73
RMC26810	259.00	260.00	0.6	1.62	<5	10	40	<5	1.19	1	15	34	41	5.21	0.09	<10	1.72	1134	<1	0.04	1	1260	10	15	<20	39	<50	<.01	<10	138	<10	<1	62
RMC26811	262.00	263.00	1	1.09	55	8	55	<5	0.79	<1	11	105	61	3.21	0.08	<10	1.25	636	7	0.03	37	480	18	15	<20	42	<50	<.01	<10	63	<10	<1	72
RMC26812	268.00	269.00	1	2.1	105	10	45	<5	3.32	<1	18	105	245	7.82	0.04	<10	2.85	1174	57	0.02	103	650	24	25	<20	68	<50	<.01	<10	166	<10	<1	59
RMC26813	272.00	273.00	0.6	0.61	320	10	30	<5	2.4	<1	13	142	68	4.75	0.12	<10	1.05	846	146	0.02	308	330	36	10	<20	82	<50	<.01	<10	323	10	3	47
RMC26814	274.70	276.00	2.6	0.74	160	10	15	5	1.19	4	25	126	101	6.23	0.17	<10	0.86	573	60	0.03	82	1250	34	25	<20	32	<50	<.01	<10	64	<10	<1	288
RMC26815	276.00	277.00	4.6	1.2	180	8	25	<5	1.04	14	21	135	204	8.4	0.07	<10	1.69	560	43	0.02	65	460	46	40	<20	26	<50	<.01	<10	94	20	<1	1195
RMC26816	277.00	278.00	3.6	0.94	150	6	25	<5	1.05	35	20	132	214	6.73	0.11	<10	1.13	396	55	0.03	76	520	36	45	<20	34	<50	<.01	<10	68	10	<1	2976
RMC26817	278.00	279.00	6.2	1.01	175	10	30	<5	1.18	4	16	136	157	9.44	0.1	<10	1.3	384	47	0.02	99	340	54	100	<20	27	<50	<.01	<10	70	<10	<1	282
RMC26818	279.00	280.00	13	0.78	240	10	30	<5	0.74	6	18	120	294	11.4	0.15	<10	0.86	247	53	0.02	111	400	86	180	<20	19	<50	<.01	<10	44	<10	<1	426
RMC26819	280.00	281.00	12	0.74	200	10	20	<5	0.73	21	17	107	488	9.75	0.15	<10	0.8	229	45	0.02	77	560	72	120	<20	15	<50	<.01	<10	62	<10	<1	1412
RMC26821	281.00	282.00	4.4	0.73	125	10	<5	<5	1.04	19	22	153	211	5.24	0.18	<10	0.58	250	63	0.03	120	1490	24	55	<20	19	<50	0.01	<10	153	<10	2	854
RMC26822	287.00	288.00	1.2	0.92	55	8	30	<5	0.23	<1	10	190	73	2.8	0.11	<10	1.15	209	15	0.02	52	360	10	20	<20	10	<50	0.04	<10	35	<10	4	60
RMC26823	294.00	295.00	0.6	0.7	25	10	30	<5	0.32	1	12	189	102	2.96	0.12	<10	0.81	142	3	0.02	75	400	10	10	<20	15	<50	0.05	<10	29	<10	4	134
RMC26824	300.00	301.00	0.8	0.82	20	8	30	<5	0.96	1	10	166	79	2.67	0.08	<10	1.1	208	4	0.02	58	410	12	15	<20	22	<50	0.05	<10	34	<10	5	118
RMC26825	305.00	306.00	0.8	0.91	30	10	35	<5	0.55	<1	14	198	107	3.31	0.12	<10	1.14	222	3	0.02	78	300	14	20	<20	18	<50	0.06	<10	53	<10	4	30
RMC26826	320.00	321.00	0.6	1.16	35	8	45	<5	7.75	3	9	203	52	3.86	0.03	<10	1.85	853	1	0.02	58	3450	8	25	<20	115	<50	0.04	<10	66	<10	4	240
RMC26827	340.00	341.00	0.8	0.74	30	8	35	<5	0.28	1	10	243	89	2.76	0.11	<10	0.9	171	2	0.02	76	230	12	10	<20	12	<50	0.04	<10	40	<10	3	162
RMC26828	343.00	344.00	<.2	1.96	<5	8	50	<5	1.45	<1	23	78	72	5.89	0.03	<10	2.85	865	<1	0.04	10	1510	14	25	<20	31	<50	0.11	<10	189	<10	1	59
RMC26829	345.40	346.10	0.6	1.07	105	6	25	10	0.49	4	14	219	61	4.65	0.04	<10	1.41	499	<1	0.02	52	410	10	15	<20	14	<50	0.06	<10	68	<10	1	273
RMC26830	348.80	350.00	0.2	0.78	45	10	40	<5	0.55	<1	10	274	62	2.71	0.07	<10	0.98	281	9	0.03	60	310	8	10	<20	18	<50	0.07	<10	62	<10	5	65
RMC26831	350.00	351.00	0.2	0.97	65	8	40	<5	0.46	1	12	200	73	3.21	0.09	<10	1.25	322	1	0.02	58	330	10	15	<20	16	<50	0.07	<10	52	<10	4	67
RMC26832	351.00	352.00	0.6	0.85	85	8	50	<5	0.51	<1	10	285	68	2.41	0.04	<10	1.19	286	9	0.03	73	350	10	15	<20	16	<50	0.07	<10	84	<10	7	69
RMC26833	354.00	355.00	<.2	1.6	<5	10	35	<5	0.9	<1	20	52	110	6.62	0.04	<10	2.12	758	<1	0.04	10	1550	10	20	<20	22	<50	0.08	<10	203	<10	<1	37
RMC26834	355.00	356.00	<.2	1.56	10	10	35	5	0.7	<1	21	52	113	6.67	0.07	<10	1.86	759	<1	0.04	9	1430	14	15	<20	20	<50	0.09	<10	181	<10	<1	59
RMC26835	361.00	362.00	<.2	1.58	<5	10	40	<5	0.64	1	18	57	95	6.04	0.06	<10	1.91	946	<1	0.04	11	1550	16	20	<20	19	<50	0.1	<10	199	<10	1	70
RMC26836	363.00	364.00	<.2	1.37	<5	8	40	<5	1.26	<1	16	48	113	5.17	0.06	<10	1.61	854	<1	0.04	9	1410	10	10	<20	29	<50	0.1	<10	186	<10	2	65
RMC26837	364.00	365.00	<.2	1.33	15	10	35	<5	0.52	3	16	57	118	5.31	0.05	<10	1.64	678	<1	0.05	11	1560	12	15	<20	15	<50	0.09	<10	188	<10	<1	261

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
RMC26838	365.00	366.00	<.2	1.3	155	10	30	<5	0.86	6	21	51	118	5.81	0.05	<10	1.62	764	<1	0.04	14	1370	14	15	<20	24	<50	0.07	<10	179	<10	1	416
RMC26839	366.00	367.00	0.8	1.95	100	10	40	<5	1.06	3	26	50	204	8.31	0.05	<10	2.48	1148	<1	0.03	15	1550	20	20	<20	24	<50	0.06	<10	189	<10	<1	263
RMC26841	367.00	368.00	0.4	1.52	45	8	30	<5	1.03	5	19	52	147	6.24	0.06	<10	1.9	800	<1	0.04	18	1530	16	20	<20	23	<50	0.08	<10	185	<10	4	413
RMC26842	368.00	369.00	1.2	0.93	220	10	30	<5	0.66	3	24	171	152	6.73	0.08	<10	1.07	373	37	0.02	91	950	12	15	<20	17	<50	0.04	<10	154	<10	1	176
RMC26843	369.00	370.00	0.8	1.21	145	8	40	<5	0.84	1	22	158	191	6.86	0.06	<10	1.48	408	50	0.03	98	650	16	15	<20	23	<50	0.04	<10	199	<10	2	60
RMC26844	379.00	380.00	2	0.57	50	8	25	<5	1.31	1	11	176	131	3.27	0.04	<10	0.68	273	7	0.02	44	350	52	15	<20	30	<50	0.02	<10	29	<10	<1	131
RMC26845	380.00	381.00	3	0.37	65	8	30	<5	1	1	7	168	72	1.39	0.05	<10	0.38	185	1	0.02	32	230	10	15	<20	25	<50	0.02	<10	23	<10	<1	82
RMC26846	381.00	382.00	1.8	0.47	110	8	35	<5	0.74	1	12	175	145	2.81	0.09	<10	0.43	168	6	0.02	78	790	22	20	<20	18	<50	0.03	<10	30	<10	2	59
RMC26847	382.00	383.00	1.8	0.42	105	8	40	<5	0.98	<1	7	163	96	1.78	0.06	<10	0.42	191	5	0.02	31	540	12	10	<20	25	<50	0.01	<10	35	<10	<1	49
RMC26848	383.00	384.00	0.6	0.51	55	8	40	<5	1.45	<1	6	209	56	1.75	0.05	<10	0.54	236	9	0.02	27	1280	22	20	<20	30	<50	<.01	<10	25	<10	1	61
RMC26849	384.00	385.00	1.2	0.81	230	10	30	<5	1.3	2	20	184	220	4.88	0.07	<10	0.87	322	4	0.02	73	300	38	20	<20	44	<50	<.01	<10	36	<10	<1	71
RMC26850	385.00	386.00	1	0.61	75	10	25	<5	1.71	1	10	177	182	2.9	0.08	<10	0.65	347	11	0.02	32	420	20	15	<20	56	<50	<.01	<10	22	<10	<1	73
RMC26851	386.00	387.00	0.8	0.54	60	8	45	<5	1.08	2	12	149	100	2.42	0.15	<10	0.55	238	4	0.02	27	230	10	10	<20	41	<50	<.01	<10	35	<10	1	80
RMC26852	387.00	388.00	1.6	0.64	50	10	45	<5	0.98	<1	12	188	137	2.09	0.1	<10	0.69	309	<1	0.02	18	370	10	15	<20	45	<50	<.01	<10	40	<10	2	73
RMC26853	388.00	389.00	0.6	0.63	100	10	35	<5	0.92	1	11	131	75	2.41	0.11	<10	0.67	232	<1	0.02	21	340	10	10	<20	29	<50	0.02	<10	14	<10	2	72
RMC26854	389.00	390.00	0.4	0.91	15	12	65	<5	0.82	2	6	146	48	1.92	0.09	<10	1.11	307	4	0.02	12	520	10	15	<20	24	<50	0.04	<10	20	<10	3	178
RMC26855	390.00	391.00	0.4	0.74	15	10	60	<5	1.59	<1	6	143	44	1.78	0.07	<10	0.86	371	<1	0.02	13	220	10	20	<20	38	<50	0.03	<10	19	<10	3	51
RMC26856	391.00	391.70	0.4	0.65	30	8	65	<5	0.61	2	6	137	51	1.71	0.08	<10	0.69	246	5	0.03	9	250	14	10	<20	17	<50	0.03	<10	24	10	2	153
RMC26857	391.70	392.70	1.6	1.01	<5	12	35	<5	1.62	9	41	26	366	10.3	0.25	<10	0.74	353	<1	0.03	12	1370	40	<5	<20	36	<50	0.09	<10	76	10	<1	683
RMC26858	392.70	393.70	0.4	0.91	<5	8	85	<5	1.79	2	5	54	78	1.92	0.17	<10	0.86	410	2	0.05	3	1410	18	10	<20	41	<50	0.04	<10	114	<10	4	185
RMC26859	393.70	394.40	0.6	1.03	135	8	40	<5	1.03	2	20	30	224	5.08	0.16	<10	1.05	401	<1	0.03	19	1540	24	15	<20	26	<50	0.02	<10	113	<10	1	99
RMC26861	394.40	395.00	2.8	0.36	40	8	35	5	1.51	1	9	147	57	1.63	0.05	<10	0.36	316	5	0.03	24	500	28	<5	<20	25	<50	0.04	<10	18	<10	4	106
RMC26862	395.00	396.00	0.6	0.36	95	8	40	<5	0.78	1	8	170	17	1.17	0.05	<10	0.34	165	<1	0.02	12	290	22	10	<20	15	<50	0.04	<10	13	<10	2	88
RMC26863	396.00	397.00	0.4	0.45	60	8	50	<5	0.91	2	6	170	25	1.1	0.07	<10	0.43	176	5	0.03	16	1210	18	5	<20	16	<50	0.05	<10	20	<10	4	126
RMC26864	397.00	398.00	0.6	0.48	175	10	55	<5	0.53	2	14	141	77	1.61	0.1	<10	0.46	170	<1	0.02	43	310	16	5	<20	15	<50	0.04	<10	44	<10	2	63
RMC26865	398.00	399.00	0.4	0.63	<5	10	60	<5	0.64	<1	6	158	40	1.47	0.09	<10	0.65	261	5	0.03	15	330	8	15	<20	16	<50	0.04	<10	33	<10	3	58
RMC26866	399.00	399.80	0.6	0.85	<5	12	40	<5	4.46	2	17	115	203	5.06	0.11	<10	0.82	862	<1	0.02	13	470	14	5	<20	81	<50	0.06	<10	37	<10	6	110
RMC26867	399.80	401.00	1.6	2.11	<5	32	50	<5	0.71	1	43	9	572	12.6	0.28	<10	1.89	746	<1	0.02	12	1520	30	10	<20	37	<50	0.1	<10	155	<10	<1	48
RMC26868	401.00	402.00	1.6	2.93	<5	18	50	<5	1.6	<1	45	15	463	13.3	0.2	<10	2.97	1178	<1	0.01	21	1310	32	15	<20	52	<50	0.06	<10	166	<10	<1	68
RMC26869	402.00	403.00	1.2	1.69	<5	18	40	<5	0.89	2	35	57	483	10.1	0.21	<10	1.56	641	<1	0.02	17	1040	54	10	<20	28	<50	0.09	<10	97	<10	<1	91
RMC26870	403.00	404.00	0.6	1.02	5	10	35	<5	1.1	<1	10	198	130	3.1	0.04	<10	1.23	416	7	0.02	44	1270	14	15	<20	19	<50	0.04	<10	67	<10	4	44
RMC26871	412.00	413.00	3	0.84	30	10	30	<5	0.78	6	19	160	286	6.06	0.1	<10	0.79	289	4	0.02	78	1130	60	10	<20	44	<50	<.01	<10	25	<10	<1	289
RMC26872	413.00	414.00	1.2	1.12	5	10	40	<5	0.67	2	10	181	155	3.93	0.08	<10	1.18	425	1	0.02	37	300	16	10	<20	38	<50	<.01	<10	45	<10	<1	141
RMC26873	416.00	417.00	0.6	1.35	<5	8	35	<5	1.34	2	16	51	180	5.46	0.11	<10	1.33	525	<1	0.04	5	1450	14	10	<20	29	<50	0.04	<10	106	<10	<1	129
RMC26874	417.00	418.00	1.2	1.54	<5	10	35	<5	1.28	3	38	54	353	8.97	0.12	<10	1.41	784	<1	0.03	9	1110	14	10	<20	41	<50	0.04	<10	90	<10	<1	196
RMC26875	418.00	419.00	1	2.68	<5	14	50	<5	1.62	5	21	17	268	7.26	0.11	<10	2.95	1460	<1	0.03	1	1460	22	15	<20	42	<50	0.1	<10	213	<10	3	292
RMC26876	419.00	420.00	0.6	2.42	<5	8	45	<5	0.99	2	20	24	264	7.04	0.1	<10	2.69	1235	<1	0.04	3	1430	20	20	<20	29	<50	0.1	<10	210	<10	1	126
RMC26877	420.00	421.30	0.6	2.53	<5	10	55	<5	2.41	1	11	20	112	4.61	0.1	<10	3.1	1607	<1	0.03	1	1480	28	25	<20	58	<50	0.08	<10	195	<10	7	93
RMC26878	424.00	425.00	1.2	1.6	<5	10	40	<5	1.94	2	15	38	235	5.45	0.11	<10	1.78	609	<1	0.04	3	1350	14	20	<20	44	<50	0.05	<10	134	<10	2	104
RMC26879	430.00	431.00	0.4	0.83	<5	8	40	<5	0.59	<1	12	159	124	2.85	0.12	<10	0.82	173	5	0.02	21	230	8	10	<20	25	<50	0.05	<10	19	<10	5	47
RMC26881	441.00	442.00	0.4	0.78	5	8	65	<5	1	<1	7	103	77	1.77	0.14	<10	0.76	221	<1	0.02	13	330	8	10	<20	43	<50	0.06	<10	31	<10	6	54
RMC26882	443.00	444.00	1.2	0.68	10	8	40	<5	1.88	2	7	148	90	1.91	0.08	<10	0.7	321	3	0.02	32	360	12	15	<20	53	<50	0.04	<10	27	<10	3	134
RMC26883	446.00	447.00	0.4	0.74	5	8	35	<5	2.25	2	8	164	172	2.86	0.07	10	0.72	407	8	0.02	36	190	12	10	<20	49	<50	0.01	<10	25	<10	5	165
RMC26884	448.00	448.60	0.4	1.65	<5	8	35	<5	1.74	<1	10	127	156	4.01	0.09	<10	1.86	556	6	0.03	22	950	10	20	<20	55	<50	<.01	<10	110	<10	<1	56
RMC26885	450.00	451.00	<.2	1.95	<5	10	35	<5	1.47	<1	18	48	167	6.78	0.13	<10	2.12	430	11	0.04	11	1290	12	20	<20	43	<50	0.04	<10	191	<10	<1	56
RMC26886	454.00	455.00	<.2	1.63	<5	8	30	<5	1.12	1	18	45	232	6.52	0.08	<10	1.66	407	<1	0.04	9	1370	12	5	<20	44	<50	0.13	<10	183	<10	2	67
RMC26887	463.70	465.00	<.2	1.89	<5	8	35	<5	1.51	2	24	117	405	7.67	0.08	<10	2.64	482	60	0.02	144	640	12	35	<20	41	<50	0.09	<10	235	<10	2	58
RMC26888	465.00	466.00	<.2	1.79	5	8	40	<5	1.93	1	16	114	657	6.86	0.04	<10	2.36	535	90	0.01	213	760	10	30	<20	42	<50	0.09	<10	465	<10	3	57
RMC26889	466.00	467.00	0.6	2.32	15	6	45	<5	0.65	2	29	99	2191	12.7	0.04	<10	2.85	511	79	0.01	187	1030	8	10	<20	26	<50	0.1	<10	459	40	<1	103

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
RMC26890	467.00	468.00	<.2	1.35	20	8	35	<5	0.58	2	25	178	1013	7.34	0.08	<10	1.55	297	141	0.01	311	680	8	15	<20	16	<50	0.06	<10	1100	<10	6	55
RMC26891	468.00	469.00	<.2	1.22	10	10	35	<5	0.98	1	18	177	499	5.09	0.1	<10	1.32	316	170	0.01	364	650	8	10	<20	21	<50	0.09	<10	1488	<10	16	41
RMC26892	471.00	472.00	6	1.54	5	8	30	<5	1.63	1	14	63	1931	7.09	0.18	<10	1.72	744	7	0.02	68	1410	12	10	<20	77	<50	<.01	<10	164	<10	<1	97
RMC26893	477.00	478.00	<.2	1.71	<5	10	35	<5	1.56	1	18	61	331	6.03	0.1	<10	2	648	<1	0.03	6	1410	14	15	<20	43	<50	0.09	<10	157	<10	<1	60
RMC26894	492.00	493.00	<.2	1.3	30	10	35	<5	1.57	1	16	61	322	6.37	0.21	<10	1.51	354	<1	0.03	10	1360	14	10	<20	62	<50	0.05	<10	136	<10	2	58
RMC26895	493.00	494.00	0.6	1.24	20	10	30	<5	1.52	1	16	57	300	6.31	0.19	<10	1.48	342	3	0.03	9	1380	14	10	<20	61	<50	0.05	<10	130	<10	2	56
RMC26896	494.00	495.00	0.4	0.92	<5	8	30	5	1.22	1	17	72	203	6.33	0.13	<10	1.05	300	2	0.03	10	1270	16	15	<20	33	<50	0.07	<10	125	10	3	61
RMC26897	508.00	509.00	<.2	0.95	<5	8	30	10	0.58	<1	45	70	154	8.88	0.14	<10	1.14	267	<1	0.03	18	1090	8	<5	<20	17	<50	0.11	<10	115	20	<1	46
RMC26898	509.00	510.00	<.2	1.3	<5	8	30	<5	1.24	1	24	55	264	5.63	0.12	<10	1.67	390	<1	0.04	10	1350	8	20	<20	41	<50	0.13	<10	155	<10	3	51
RMC26899	523.00	524.00	<.2	1.34	<5	8	30	<5	1.58	1	19	61	149	8.33	0.16	<10	1.55	426	<1	0.03	12	1250	10	5	<20	68	<50	0.08	<10	135	20	<1	56
MC94-224			(If assay column contains a decimal = g/T, otherwise = ppm)																															
RMC26901	4.00	5.00	9	0.4	30	8	20	<5	0.28	2	13	140	115	3.76	0.09	<10	0.19	178	8	0.03	70	350	20	20	<20	8	<50	0.02	<10	85	<10	2	94
RMC26902	8.00	9.00	9	0.42	30	8	15	<5	0.32	4	13	162	114	3.64	0.07	<10	0.23	220	8	0.03	74	340	18	20	<20	8	<50	0.04	<10	79	<10	3	244
RMC26903	9.00	10.00	8.6	0.43	25	8	20	<5	0.71	8	11	188	119	3.11	0.08	<10	0.25	210	9	0.03	75	310	18	20	<20	13	<50	0.03	<10	82	<10	4	338
RMC26904	10.00	11.00	7.2	0.38	20	8	20	<5	0.94	9	8	192	110	2.26	0.06	<10	0.32	252	9	0.01	79	230	16	15	<20	13	<50	0.02	<10	81	<10	5	541
RMC26905	11.00	12.00	7.8	0.49	25	8	20	<5	1.39	9	9	196	119	2.55	0.12	<10	0.3	239	17	0.02	84	2280	16	15	<20	33	<50	0.02	<10	109	<10	12	473
RMC26906	12.00	13.00	6.4	0.4	25	8	20	<5	0.77	8	8	215	112	2.42	0.09	<10	0.27	212	15	0.01	86	280	20	10	<20	13	<50	0.02	<10	90	<10	5	440
RMC26907	13.00	14.00	8.4	0.48	30	8	20	<5	0.77	11	10	194	144	2.98	0.12	<10	0.35	261	19	0.02	97	320	24	15	<20	11	<50	0.02	<10	118	<10	5	516
RMC26908	31.00	32.00	1.8	0.43	35	8	20	<5	1.64	52	11	188	143	2.44	0.1	<10	0.28	247	114	0.01	231	160	48	50	<20	18	<50	0.05	<10	1447	<10	15	3416
RMC26909	32.00	33.00	5	0.5	60	8	25	<5	1.78	34	16	126	121	4.95	0.11	<10	0.35	361	117	0.02	275	360	48	70	<20	22	<50	0.05	<10	952	<10	13	2376
RMC26910	33.00	34.00	27	0.46	25	8	35	<5	0.53	35	20	120	450	10.7	0.06	<10	0.27	218	59	0.02	155	440	38	85	<20	22	<50	0.05	<10	80	<10	<1	2791
RMC26911	34.00	35.00	28.2	0.82	115	8	30	<5	1.17	24	21	138	340	6.98	0.12	<10	0.33	291	140	0.01	174	420	82	85	<20	23	<50	0.09	<10	285	<10	9	1884
RMC26912	35.00	36.00	2.6	0.77	20	6	25	<5	0.35	10	14	203	100	3.22	0.1	<10	0.81	368	2	0.02	95	260	18	35	<20	8	<50	0.07	<10	59	<10	4	408
RMC26913	39.00	40.00	2.6	0.83	50	10	25	<5	0.79	4	17	110	198	4.99	0.21	<10	0.55	206	88	0.01	121	1500	18	60	<20	37	<50	0.07	<10	199	<10	10	338
RMC26914	40.00	41.00	1.8	0.74	20	8	20	<5	0.58	1	13	178	139	3.35	0.14	<10	0.69	219	8	0.01	76	730	10	40	<20	19	<50	0.05	<10	53	<10	7	110
RMC26915	41.00	42.00	1.6	0.73	25	8	25	<5	0.59	<1	12	134	115	2.95	0.14	<10	0.68	210	9	0.01	60	1140	12	35	<20	29	<50	0.05	<10	44	<10	6	48
RMC26916	44.00	45.00	0.8	1.01	<5	8	30	<5	0.63	<1	13	136	66	3.47	0.06	<10	1.33	424	2	0.01	24	180	8	25	<20	14	<50	0.02	<10	29	<10	<1	48
RMC26917	48.00	49.00	0.6	0.44	65	10	35	<5	0.99	2	11	127	67	2.74	0.05	<10	0.45	318	42	0.01	44	730	12	10	<20	29	<50	<.01	<10	82	<10	3	132
RMC26918	53.00	54.00	0.8	0.76	65	8	25	<5	0.79	1	13	130	74	3.55	0.12	<10	0.77	310	26	0.02	48	770	10	15	<20	26	<50	0.02	<10	137	<10	4	91
RMC26919	54.00	55.00	1	0.61	110	10	25	<5	0.84	1	18	134	106	4.85	0.09	<10	0.64	301	83	0.02	51	390	10	10	<20	29	<50	0.04	<10	119	<10	2	66
RMC26921	55.00	56.00	0.8	0.67	25	8	25	<5	0.71	1	14	130	78	3.39	0.13	<10	0.62	250	11	0.02	34	970	12	10	<20	25	<50	0.02	<10	89	<10	5	116
RMC26922	58.00	59.00	0.4	0.88	60	8	35	<5	0.33	2	9	107	67	2.98	0.09	<10	1.05	382	10	0.02	30	240	10	15	<20	8	<50	0.06	<10	98	<10	6	137
RMC26923	65.00	66.00	1.4	1.69	1010	8	30	<5	0.95	6	22	35	76	5.51	0.07	<10	1.84	689	<1	0.03	3	1330	20	20	<20	17	<50	<.01	<10	148	<10	<1	230
RMC26924	89.00	90.00	<.2	1.71	25	8	40	<5	1.01	<1	13	30	62	4.72	0.05	<10	1.91	1018	<1	0.04	3	1320	10	25	<20	27	<50	<.01	<10	150	<10	<1	40
RMC26925	98.00	99.00	<.2	0.79	25	8	40	<5	1.63	<1	9	124	49	2.85	0.08	<10	0.82	416	19	0.01	31	970	8	10	<20	40	<50	0.02	<10	150	<10	4	34
RMC26926	110.00	111.00	0.4	0.4	20	10	35	<5	1.06	<1	9	113	41	2.03	0.12	<10	0.22	181	3	0.01	24	590	6	5	<20	31	<50	0.05	<10	14	<10	5	15
RMC26927	111.00	112.00	<.2	0.29	15	8	65	<5	0.76	<1	7	164	30	1.31	0.09	<10	0.14	115	<1	<.01	21	470	4	<5	<20	23	<50	0.04	<10	11	<10	5	17
RMC26928	112.00	113.00	0.4	0.26	20	10	45	<5	0.36	<1	10	140	44	1.62	0.09	<10	0.12	93	1	<.01	22	320	6	<5	<20	14	<50	0.04	<10	6	<10	4	16
RMC26929	113.00	114.00	1.4	0.42	20	8	40	<5	0.43	1	11	168	89	1.78	0.07	<10	0.4	172	<1	<.01	39	750	8	15	<20	31	<50	0.05	<10	11	<10	5	124
RMC26930	114.00	115.00	0.4	0.63	30	8	35	<5	0.46	2	18	142	116	2.61	0.06	<10	0.76	298	<1	<.01	43	280	10	15	<20	13	<50	0.06	<10	18	<10	3	179
RMC26931	115.00	116.00	0.4	0.35	25	6	30	<5	0.61	<1	12	128	109	2.08	0.04	<10	0.33	222	3	0.01	32	150	6	5	<20	12	<50	0.05	<10	13	<10	3	23
RMC26932	116.00	117.00	0.6	0.62	60	10	25	<5	0.94	<1	27	102	121	4.39	0.11	<10	0.52	271	2	0.01	60	1340	12	5	<20	49	<50	0.08	<10	22	<10	8	19
RMC26933	117.00	118.00	0.4	0.67	80	10	25	<5	0.72	<1	19	145	83	3.39	0.1	<10	0.59	308	<1	0.02	38	220	10	5	<20	14	<50	0.09	<10	16	<10	4	17
RMC26934	118.00	119.00	<.2	0.74	25	10	45	<5	0.51	<1	13	135	56	2.36	0.08	<10	0.82	307	<1	0.01	27	170	8	10	<20	9	<50	0.07	<10	9	<10	3	19
RMC26935	119.00	120.00	<.2	0.71	25	10	30	<5	0.49	<1	13	147	63	2.88	0.13	<10	0.62	222	<1	0.01	21	830	10	10	<20	26	<50	0.15	<10	14	<10	10	17
RMC26936	120.00	121.00	<.2	0.88	15	8	55	<5	0.42	<1	10	130	54	2.34	0.06	<10	1.03	366	<1	0.01	19	690	8	15	<20	25	<50	0.08	<10	16	<10	5	44

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
RMC26937	121.00	122.00	<.2	1.08	15	10	25	5	0.4	<1	17	90	75	3.81	0.12	<10	1.11	371	<1	0.01	24	520	10	15	<20	15	<50	0.15	<10	15	<10	8	28
RMC26938	122.00	123.00	<.2	0.91	20	10	25	5	0.66	<1	16	80	71	3.83	0.11	<10	0.86	271	<1	0.01	21	510	10	15	<20	16	<50	0.12	<10	14	<10	4	20
RMC26939	123.00	124.00	<.2	1.04	40	12	30	<5	0.86	<1	15	91	72	3.81	0.12	<10	1.04	347	<1	0.02	27	660	14	20	<20	18	<50	0.12	<10	22	<10	7	19
RMC26941	124.00	125.00	<.2	0.69	65	8	35	<5	0.64	<1	13	102	61	3.31	0.08	<10	0.71	295	<1	0.01	41	240	10	10	<20	12	<50	0.08	<10	17	<10	3	50
RMC26942	125.00	126.00	0.4	0.54	45	8	45	<5	0.41	<1	13	158	56	2.44	0.07	<10	0.55	268	<1	0.01	57	360	10	15	<20	13	<50	0.09	<10	26	<10	5	24
RMC26943	126.00	127.00	0.6	0.62	25	8	50	<5	0.58	<1	10	147	68	2.42	0.04	<10	0.8	404	9	0.01	49	520	10	15	<20	17	<50	0.04	<10	49	<10	3	31
RMC26944	127.00	128.00	0.4	0.98	<5	8	40	<5	0.87	<1	14	167	75	4.11	0.04	<10	1.31	527	43	0.02	43	1010	20	15	<20	24	<50	0.06	<10	150	<10	7	27
RMC26945	128.00	129.00	<.2	0.81	5	8	60	<5	1.41	<1	8	130	37	2.38	0.03	<10	1.1	483	34	0.01	25	1600	18	15	<20	54	<50	0.04	<10	135	<10	7	81
RMC26946	129.00	130.00	0.4	0.7	75	10	40	<5	0.99	2	15	142	50	3.54	0.03	<10	0.82	383	29	0.02	30	1120	24	10	<20	39	<50	0.05	<10	75	<10	10	140
RMC26947	130.00	131.00	0.2	1.31	<5	10	35	10	6.85	2	16	109	82	5.94	<.01	<10	2.09	1005	71	<.01	45	2070	64	15	<20	77	<50	0.04	<10	224	<10	10	232
RMC26948	131.00	132.00	0.4	1.33	<5	8	55	<5	3.41	1	12	142	66	4.39	0.03	<10	1.99	733	44	0.01	47	2270	46	20	<20	44	<50	0.06	<10	242	<10	11	146
RMC26949	132.00	133.00	<.2	1.51	<5	8	45	<5	3.96	4	16	109	90	6.28	0.02	<10	2.04	899	27	0.01	58	2190	40	25	<20	44	<50	0.05	<10	422	<10	6	332
RMC26950	133.00	134.00	<.2	0.82	35	8	35	10	1.13	<1	13	164	65	4.05	0.05	<10	0.95	490	59	0.02	90	450	30	10	<20	13	<50	0.06	<10	573	<10	8	88
RMC26951	134.00	134.40	<.2	0.92	15	12	55	<5	0.85	1	11	168	54	3.47	0.04	<10	1.12	544	164	0.02	107	340	20	15	<20	13	<50	0.09	<10	675	<10	16	83
RMC26952	138.00	139.00	<.2	1.14	<5	20	50	5	0.72	<1	17	38	68	5.03	0.05	<10	1.08	588	<1	0.05	5	1280	8	15	<20	14	<50	0.08	<10	114	<10	1	42
RMC26953	145.00	146.00	<.2	0.9	40	8	35	<5	1.01	<1	15	128	104	4.38	0.07	<10	1.06	288	64	0.02	43	1940	10	10	<20	40	<50	0.07	<10	148	<10	8	57
RMC26954	155.00	156.00	<.2	0.96	35	8	65	<5	0.7	<1	14	144	42	2.64	0.07	<10	1.02	269	<1	0.02	18	310	8	10	<20	20	<50	0.07	<10	95	<10	4	34
RMC26955	158.00	159.00	0.2	0.83	35	8	35	5	2.77	<1	12	122	63	3.57	0.06	<10	0.87	389	<1	0.02	28	710	10	10	<20	96	<50	0.07	<10	32	<10	9	73
RMC26956	163.00	164.50	<.2	0.91	100	8	55	<5	1.01	1	14	177	64	2.88	0.09	<10	0.91	374	76	0.01	102	380	12	25	<20	18	<50	0.07	<10	344	<10	9	91
RMC26957	166.00	167.00	<.2	1.56	<5	8	50	5	1.7	<1	14	35	56	4.98	0.07	<10	1.56	797	<1	0.04	3	1370	16	20	<20	28	<50	0.07	<10	148	<10	<1	76
RMC26958	177.00	178.00	<.2	0.9	15	6	60	5	0.71	<1	9	275	56	2.79	0.03	<10	1.07	352	10	0.02	58	210	12	10	<20	17	<50	0.03	<10	98	<10	2	67
RMC26959	183.00	184.00	<.2	1.09	25	8	70	<5	0.64	<1	9	138	42	2.37	0.09	<10	1.3	380	<1	0.01	69	280	12	20	<20	15	<50	0.09	<10	52	<10	5	73
RMC26961	187.00	188.00	0.6	0.91	15	8	70	<5	0.86	<1	9	167	77	2.25	0.09	<10	1.05	280	<1	0.01	51	190	10	20	<20	18	<50	0.06	<10	38	<10	6	89
RMC26962	188.00	189.00	<.2	2.12	70	8	45	<5	1.82	<1	17	154	102	5.68	0.01	<10	2.94	777	<1	0.01	43	230	16	30	<20	39	<50	0.09	<10	75	<10	1	53
RMC26963	189.00	190.00	<.2	1.07	20	8	45	<5	0.67	<1	15	204	88	3.56	0.09	<10	1.23	286	<1	0.02	100	490	12	20	<20	14	<50	0.12	<10	76	<10	4	40
RMC26964	194.00	195.00	<.2	1.41	<5	22	105	5	1.67	<1	9	37	20	2.63	0.08	<10	0.73	460	<1	0.05	4	1370	12	10	<20	21	<50	0.09	<10	77	<10	3	47
RMC26965	200.00	201.00	<.2	1.12	10	8	30	10	0.64	<1	24	154	106	6.79	0.04	<10	1.16	423	3	0.03	78	200	10	10	<20	14	<50	0.08	<10	50	<10	<1	37
RMC26966	201.00	202.00	0.2	0.97	<5	8	30	<5	0.69	<1	21	119	123	5.22	0.01	<10	1.17	441	5	0.02	74	400	8	20	<20	9	<50	0.08	<10	36	<10	3	33
RMC26967	202.00	203.00	<.2	1.19	<5	8	35	5	1.29	<1	16	158	99	3.92	0.1	<10	1.08	277	<1	0.04	70	2840	12	15	<20	21	<50	0.09	<10	56	<10	7	35
RMC26968	212.00	213.00	0.4	0.92	15	8	40	<5	3.44	1	19	94	91	6.23	0.03	<10	1.35	949	1	0.01	55	840	18	15	<20	66	<50	0.02	<10	33	<10	<1	56
RMC26969	213.00	214.00	<.2	1.89	<5	12	55	5	1.45	<1	13	161	60	4.24	0.07	<10	2.06	641	2	0.06	66	270	20	25	<20	33	<50	0.12	<10	71	<10	4	29
RMC26970	217.00	218.00	0.2	1.04	10	8	35	<5	1.1	<1	12	164	112	3.37	0.07	<10	1.26	280	2	0.02	46	470	12	20	<20	28	<50	0.07	<10	65	<10	3	43
RMC26971	218.00	219.00	0.2	0.97	20	10	30	<5	2.98	<1	14	193	114	3.81	0.16	<10	0.83	209	11	0.03	55	9880	14	20	<20	87	<50	0.07	<10	72	<10	17	58
RMC26972	221.00	222.00	<.2	1.13	30	8	30	<5	1.77	<1	14	151	130	4.08	0.16	<10	1.04	277	12	0.02	65	2790	14	15	<20	93	<50	<.01	<10	65	<10	2	42
RMC26973	222.00	223.00	<.2	1.1	35	8	40	<5	4.49	<1	12	200	111	3.45	0.16	<10	1.11	314	7	0.02	59	>10000	12	30	<20	139	<50	0.05	<10	78	<10	10	46
RMC26974	223.00	224.00	<.2	0.78	30	8	35	<5	1.29	<1	12	196	134	3.2	0.13	<10	0.71	176	13	0.02	95	740	12	15	<20	24	<50	0.06	<10	74	<10	4	69
RMC26975	224.00	225.50	<.2	1.38	80	10	35	<5	2.18	2	16	228	234	5.29	0.15	<10	1.46	357	123	0.02	176	1610	38	20	<20	34	<50	0.02	<10	491	<10	6	81
RMC26976	227.00	228.00	<.2	1.44	<5	36	70	5	1.31	<1	12	37	32	3.91	0.05	<10	0.89	626	<1	0.04	7	1490	14	10	<20	21	<50	0.08	<10	90	<10	1	45
RMC26977	238.00	239.00	<.2	1.26	<5	16	45	<5	1.75	<1	18	26	84	4.65	0.07	<10	0.91	706	<1	0.03	2	1410	18	10	<20	22	<50	0.07	<10	74	<10	<1	54
RMC26978	239.00	240.00	<.2	1.38	<5	20	50	<5	1.55	<1	20	25	96	5.86	0.06	<10	1.3	740	<1	0.04	2	1430	22	15	<20	23	<50	0.08	<10	109	<10	<1	68
RMC26979	242.00	243.00	<.2	1.94	<5	24	85	5	1.95	<1	9	38	23	3.57	0.07	<10	1.11	732	<1	0.04	3	1440	22	20	<20	24	<50	0.07	<10	100	<10	1	48
RMC26981	262.00	263.00	0.2	1.62	<5	10	80	5	1.67	<1	12	34	49	3.42	0.11	<10	0.71	468	<1	0.08	4	1420	22	15	<20	46	<50	0.08	<10	73	<10	1	50
RMC26982	268.00	269.60	<.2	1.4	<5	12	40	<5	1.17	<1	17	32	115	6.02	0.1	<10	1.17	611	<1	0.04	8	1390	24	15	<20	33	<50	0.07	<10	108	<10	<1	63
RMC26983	270.00	271.00	1.2	1	160	8	35	<5	1.28	17	12	142	165	3.66	0.19	<10	0.83	503	204	0.01	204	1640	150	25	<20	23	<50	0.01	<10	462	<10	7	1138
RMC26984	276.50	278.00	1.6	1.61	115	8	30	<5	1.25	2	21	109	253	6.84	0.06	<10	1.37	390	34	0.02	70	570	38	20	<20	24	<50	<.01	<10	92	<10	<1	121
RMC26985	281.00	282.00	<.2	1.42	5	10	40	<5	2.53	1	13	30	44	4.07	0.05	<10	1.1	706	<1	0.03	4	1350	34	15	<20	30	<50	0.06	<10	92	<10	<1	77
RMC26986	290.00	291.30	0.4	1.46	20	8	35	10	1.79	<1	16	27	52	4.44	0.17	<10	1.14	526	<1	0.05	4	1380	24	20	<20	36	<50	0.07	<10	91	<10	<1	68
RMC26987	301.00	302.00	<.2	1.6	<5	8	70	<5	1.44	<1	12	29	39	3.3	0.08	<10	0.89	419	<1	0.05	3	1250	20	10	<20	31	<50	0.06	<10	82	<10	<1	53
RMC26988	308.00	309.00	0.4	1.8	120	8	65	5	2.31	<1	20	20	66	4.95	0.11	<10	1.36	794	<1	0.02	2	1280	50	10	<20	33	<50	0.05	<10	113	<10	1	79

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
RMC26989	318.00	319.00	<.2	1.95	10	8	60	<5	3.12	5	14	19	75	5.33	0.1	<10	1.78	1097	<1	0.02	<1	1240	28	25	<20	28	<50	0.04	<10	118	<10	<1	295
RMC26990	320.00	321.00	<.2	1.26	<5	8	50	<5	1.19	<1	17	25	79	4.2	0.08	<10	0.76	448	<1	0.03	2	1290	14	10	<20	10	<50	0.06	<10	68	<10	2	52
RMC26991	321.00	322.00	<.2	1.08	<5	6	35	<5	0.77	<1	14	16	80	4.16	0.06	<10	0.79	486	<1	0.03	2	1030	10	15	<20	10	<50	0.05	<10	63	<10	<1	67
RMC26992	326.30	327.00	0.6	0.81	155	8	30	<5	0.58	1	13	139	86	4.05	0.09	<10	0.67	342	<1	0.02	58	340	20	10	<20	12	<50	<.01	<10	36	<10	<1	60
RMC26993	327.00	328.00	0.6	1.51	135	8	40	<5	1.71	<1	18	144	88	4.78	0.05	<10	1.95	821	<1	0.01	60	2040	22	30	<20	31	<50	0.02	<10	56	<10	5	68
RMC26994	328.00	329.00	1.2	0.82	155	6	35	<5	0.46	2	12	193	122	3.6	0.08	<10	0.84	319	2	0.01	77	240	30	40	<20	10	<50	0.01	<10	43	<10	<1	121
RMC26995	329.00	330.00	1.4	0.84	220	6	50	<5	0.61	15	11	210	96	2.71	0.08	<10	0.87	388	3	<.01	74	520	50	75	<20	14	<50	0.01	<10	50	<10	1	1002
RMC26996	332.00	333.00	1.4	1.01	70	8	40	<5	2.91	1	11	241	102	2.99	0.15	<10	0.88	354	7	0.01	71	>10000	30	55	<20	55	<50	0.02	<10	70	<10	8	102
RMC26997	336.00	337.70	0.4	0.63	225	8	35	<5	4.46	1	14	88	120	4.45	0.13	<10	1.52	1049	122	0.02	242	680	10	30	<20	129	<50	<.01	<10	317	<10	4	46
RMC26998	340.00	341.00	0.6	1.19	85	6	50	<5	3.41	1	13	59	69	4.94	0.14	<10	1.74	966	17	0.03	38	1080	16	30	<20	119	<50	<.01	<10	79	<10	<1	105
RMC26999	345.00	346.00	0.8	1.85	105	8	45	<5	1.2	2	14	131	132	4.21	0.05	<10	2.35	456	13	0.02	56	1500	24	25	<20	45	<50	<.01	<10	96	<10	3	154
RMC38501	346.00	347.00	0.4	1.48	75	8	55	<5	1.02	12	17	156	190	4.89	0.1	<10	1.78	359	46	0.01	66	550	18	25	<20	27	<50	0.02	<10	156	<10	2	993
RMC38502	347.00	348.00	0.4	0.85	65	10	50	<5	0.7	1	14	126	86	3.31	0.19	<10	0.66	167	39	0.01	68	720	14	15	<20	27	<50	0.05	<10	86	<10	6	80
RMC38503	352.00	353.00	0.2	0.83	85	8	50	<5	0.69	2	13	140	87	3.23	0.18	<10	0.66	166	45	0.01	69	670	14	15	<20	25	<50	0.05	<10	86	<10	6	76
RMC38504	356.00	357.00	<.2	1.21	45	8	75	<5	1.25	<1	11	145	42	2.85	0.12	<10	1.24	380	<1	0.02	17	440	12	15	<20	37	<50	0.04	<10	31	<10	6	34
RMC38505	357.00	358.00	<.2	0.72	330	8	75	<5	0.72	1	17	186	49	2.71	0.06	<10	0.77	249	9	0.02	20	560	12	10	<20	22	<50	0.04	<10	29	<10	4	42
RMC38506	358.00	359.00	<.2	1.18	25	8	115	<5	0.79	<1	14	142	46	2.5	0.08	<10	1.38	272	<1	0.02	21	300	14	15	<20	25	<50	0.1	<10	53	<10	4	69
RMC38507	359.00	360.00	<.2	1.05	65	8	65	<5	0.82	<1	16	167	50	3.2	0.09	<10	1.09	252	7	0.02	26	250	16	15	<20	22	<50	0.05	<10	40	<10	2	59
RMC38508	360.00	361.00	1.4	0.9	70	8	25	<5	5.99	2	17	135	57	3.58	0.05	<10	1.07	912	7	0.01	23	140	42	50	<20	117	<50	0.04	<10	37	<10	6	122
RMC38509	363.00	364.00	1	0.63	50	10	40	<5	0.56	3	13	152	51	3.27	0.16	<10	0.49	150	19	0.02	32	260	22	20	<20	15	<50	0.07	<10	30	<10	5	250
RMC38510	364.00	365.00	1.6	1.03	25	10	50	5	0.73	2	10	138	42	3	0.22	<10	0.98	217	5	0.01	23	230	16	30	<20	17	<50	0.08	<10	19	<10	5	239
RMC38511	365.00	366.00	0.8	0.57	20	8	55	<5	1.28	1	13	190	61	3.33	0.06	<10	0.57	219	18	0.01	47	190	12	15	<20	28	<50	0.04	<10	33	<10	3	62
RMC38512	366.00	367.00	<.2	1.14	20	10	45	10	1.46	<1	9	71	32	3.21	0.24	<10	1.01	282	<1	0.01	12	500	16	25	<20	24	<50	0.12	<10	20	<10	8	24
RMC38513	367.00	368.00	0.8	0.81	25	8	65	<5	1.76	1	9	141	36	2.71	0.13	<10	0.78	391	10	0.01	12	350	16	20	<20	29	<50	0.08	<10	19	<10	6	73
RMC38514	368.00	369.00	0.4	1.22	20	10	65	<5	1.96	<1	11	104	52	2.79	0.23	<10	1.22	371	4	0.02	14	280	18	30	<20	33	<50	0.13	<10	27	<10	7	44
RMC38515	369.00	370.00	<.2	0.85	70	10	60	<5	1.09	1	11	136	61	2.93	0.12	<10	0.85	235	15	0.02	37	180	12	25	<20	23	<50	0.06	<10	48	<10	4	86
RMC38516	373.00	374.00	0.6	1.31	80	10	65	5	1.81	<1	11	98	48	3.1	0.15	<10	1.41	354	7	0.02	18	510	18	40	<20	29	<50	0.1	<10	28	<10	9	53
RMC38517	374.00	375.00	<.2	0.93	115	8	50	5	1.19	3	13	124	63	3.26	0.15	<10	0.87	235	25	0.02	46	230	16	30	<20	27	<50	0.09	<10	70	<10	5	200
RMC38518	377.00	378.00	0.4	1.52	<5	12	40	10	1.5	7	18	59	61	5.84	0.23	<10	1.5	569	<1	0.04	2	1390	28	20	<20	37	<50	0.09	<10	111	<10	1	512
RMC38519	383.00	384.00	0.2	1.89	15	10	65	5	1.56	<1	12	105	65	4.17	0.11	<10	2.03	461	<1	0.02	18	1290	20	30	<20	37	<50	0.11	<10	25	<10	11	41
RMC38521	384.00	385.40	0.4	1.09	120	10	65	<5	1.6	<1	11	127	71	2.98	0.13	<10	1.07	314	<1	0.01	19	420	16	20	<20	42	<50	0.09	<10	16	<10	5	33
RMC38522	385.40	386.80	0.2	1.45	10	12	45	10	2.97	5	19	41	60	6.41	0.15	<10	1.48	495	<1	0.03	1	1320	20	25	<20	63	<50	0.07	<10	92	<10	3	350
RMC38523	391.00	392.00	<.2	1.5	40	8	60	5	0.89	<1	17	145	40	3.96	0.06	<10	1.95	484	<1	0.02	18	230	26	25	<20	30	<50	0.11	<10	68	<10	7	79
RMC38524	393.00	394.00	0.2	1.23	75	8	65	<5	1.15	4	20	153	56	4.13	0.04	<10	1.52	467	8	0.03	27	340	22	20	<20	32	<50	0.07	<10	93	<10	4	298
RMC38525	402.00	403.00	<.2	1.14	120	8	55	<5	0.7	4	14	177	74	3.49	0.15	<10	1.2	227	28	0.02	60	1750	16	15	<20	30	<50	0.07	<10	88	<10	8	354
RMC38526	403.00	404.00	0.2	1.07	35	10	65	<5	1.33	4	14	153	86	3.78	0.17	<10	1.05	234	27	0.02	50	3760	14	10	<20	77	<50	0.07	<10	59	<10	12	277
RMC38527	406.00	407.00	<.2	0.88	10	8	65	<5	0.99	1	12	189	83	3.4	0.1	<10	0.93	235	40	0.02	57	910	12	10	<20	29	<50	0.06	<10	82	<10	6	123
RMC38528	415.00	416.00	1.4	0.96	35	8	75	<5	0.54	1	11	279	88	2.91	0.11	<10	1.17	241	9	0.01	72	900	14	20	<20	21	<50	0.08	<10	55	<10	7	134
RMC38529	419.00	420.00	0.6	1.07	80	10	40	<5	0.58	<1	16	225	193	4.74	0.27	<10	0.89	179	58	0.02	107	700	22	25	<20	24	<50	0.12	<10	200	<10	10	41
RMC38530	420.00	421.00	2.6	1.33	115	12	30	<5	0.7	7	24	120	182	6.11	0.26	<10	1.21	270	106	0.02	128	980	38	45	<20	23	<50	0.12	<10	219	<10	10	546
RMC38531	421.00	422.00	5.4	1.27	230	8	35	<5	0.6	6	22	98	274	6.82	0.13	<10	1.46	253	25	0.01	66	600	46	40	<20	19	<50	0.05	<10	58	<10	3	427
RMC38556	422.00	423.00	3.4	2.08	10	8	60	<5	1.77	2	22	131	363	7.64	0.08	<10	2.84	465	27	0.02	64	3030	30	30	<20	50	<50	0.07	<10	123	<10	9	156
RMC38532	423.00	424.00	1.2	1.09	20	8	55	<5	1.59	<1	11	206	131	3.14	0.04	<10	1.46	319	1	0.01	47	1000	18	30	<20	42	<50	0.05	<10	57	<10	5	76
RMC38533	424.00	425.00	0.8	0.88	20	8	60	<5	0.66	<1	12	187	132	3.22	0.07	<10	1.11	238	5	0.01	53	250	18	30	<20	21	<50	0.05	<10	64	<10	3	73
RMC38534	425.00	426.50	0.4	1.13	30	8	75	<5	0.72	<1	10	212	98	2.66	0.08	<10	1.48	274	6	0.01	50	770	18	25	<20	27	<50	0.05	<10	73	<10	5	77
RMC38535	435.00	436.00	<.2	0.87	40	8	60	<5	0.82	1	10	213	71	2.49	0.06	<10	1.07	187	6	0.01	54	700	16	20	<20	25	<50	0.04	<10	61	<10	5	77
RMC38536	440.00	441.00	<.2	0.85	60	8	60	<5	1.51	<1	8	157	68	2.63	0.06	<10	0.98	277	7	0.01	24	200	10	15	<20	29	<50	0.04	<10	56	<10	3	75
RMC38537	441.00	442.00	<.2	0.95	40	10	75	<5	1.33	<1	9	138	76	2.91	0.08	<10	1.07	271	9	0.02	27	350	12	25	<20	28	<50	0.06	<10	115	<10	5	55
RMC38538	442.00	443.00	<.2	1.14	190	10	65	5	2.37	1	14	118	78	3.52	0.17	<10	1.14	347	6	0.02	31	410	16	25	<20	50	<50	0.11	<10	86	<10	11	85

30 ELEMENT ICP

SAM_ID	DFROM	DTO	AG	AL	AS	B	BA	BI	CA	CD	CO	CR	CU	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TE	TI	U	V	W	Y	ZN
RMC38539	447.00	448.00	<.2	2.16	<5	12	65	<5	2.4	<1	20	76	100	6.09	0.08	<10	2.58	601	<1	0.05	9	1470	20	20	<20	59	<50	0.13	<10	206	<10	3	41
RMC38541	455.00	456.00	<.2	1.24	45	10	85	5	0.47	3	11	159	50	2.88	0.05	<10	1.45	293	25	0.03	41	240	14	15	<20	16	<50	0.1	<10	217	<10	13	216
RMC38542	456.00	457.00	<.2	1.23	125	8	70	5	0.31	<1	16	128	80	4.01	0.05	<10	1.43	288	16	0.02	41	270	14	15	<20	12	<50	0.09	<10	109	<10	7	81
RMC38543	460.00	461.00	<.2	1.04	60	10	65	<5	0.65	<1	11	212	86	3.07	0.08	<10	1.17	263	86	0.01	82	280	14	15	<20	16	<50	0.06	<10	299	<10	14	32
RMC38544	461.00	462.00	<.2	1.46	15	10	50	<5	0.8	1	22	161	249	6.47	0.04	<10	1.72	348	22	0.02	62	320	16	20	<20	20	<50	0.06	<10	149	<10	6	92
RMC38545	466.00	467.00	<.2	2.05	<5	10	60	<5	1.82	1	21	46	83	5.92	0.08	<10	2.34	738	<1	0.03	10	1370	28	25	<20	46	<50	0.13	<10	208	<10	2	75
RMC38546	471.00	472.00	<.2	0.81	35	10	60	<5	1.81	<1	15	135	120	4.38	0.14	<10	0.7	285	5	0.01	49	390	10	15	<20	47	<50	0.08	<10	34	<10	6	35
RMC38547	475.00	476.00	0.8	0.74	25	10	50	<5	1.76	2	13	208	140	4.07	0.11	<10	0.65	292	8	0.02	67	440	12	20	<20	51	<50	0.04	<10	66	<10	4	127
RMC38559	476.00	477.00	1.2	0.49	90	10	35	<5	2.06	1	17	180	123	3.44	0.12	<10	0.33	270	6	<.01	83	760	14	20	<20	52	<50	0.03	<10	29	<10	2	49
RMC38548	479.00	480.00	0.4	0.89	30	10	50	<5	2.51	<1	11	148	119	3.44	0.15	<10	0.8	379	7	0.02	53	2090	14	20	<20	66	<50	0.04	<10	41	<10	4	42
RMC38549	482.00	483.00	0.2	0.44	10	12	60	<5	2.93	<1	8	159	84	1.9	0.16	<10	0.22	350	6	<.01	45	400	6	10	<20	71	<50	0.04	<10	16	<10	4	15
RMC38550	484.00	485.00	<.2	0.66	20	10	55	<5	1.36	<1	8	166	74	2.22	0.1	<10	0.6	247	7	0.01	46	530	18	10	<20	38	<50	0.06	<10	53	<10	5	61
RMC38551	488.00	488.70	<.2	1.42	35	10	65	<5	6.41	4	9	165	107	2.9	0.05	<10	1.53	789	20	0.01	55	310	18	30	<20	120	<50	0.05	<10	66	<10	9	298
RMC38552	491.30	492.50	<.2	1.06	<5	10	60	<5	1.26	<1	17	155	328	7.57	0.13	10	1.07	398	146	0.01	292	390	16	25	<20	31	<50	0.08	<10	684	<10	9	70
RMC38553	492.50	493.50	<.2	1.48	15	14	45	<5	1.51	<1	15	148	265	6.19	0.09	20	1.63	548	167	0.01	282	420	24	25	<20	34	<50	0.08	<10	826	<10	13	52
RMC38554	493.50	494.60	<.2	2.76	<5	8	50	<5	2.52	2	26	93	477	12.1	<.01	<10	3.4	1086	95	0.01	130	860	28	35	<20	49	<50	0.07	<10	430	<10	<1	85
RMC38555	498.00	499.00	<.2	1.66	<5	10	60	<5	1.27	4	13	52	209	5.12	0.08	<10	1.76	765	<1	0.03	5	1230	20	25	<20	37	<50	0.09	<10	170	<10	5	249
RMC38557	503.30	504.50	<.2	1.1	5	12	50	<5	1.6	<1	12	182	166	4.64	0.05	<10	1.09	538	210	0.03	313	400	12	25	<20	35	<50	0.1	<10	1244	<10	20	37
RMC38558	504.50	506.00	<.2	2.75	5	12	45	<5	7.42	1	17	85	296	8.4	0.02	<10	3.28	1354	103	0.01	169	490	34	70	<20	166	<50	0.08	<10	355	<10	8	54

WHOLE ROCK ANALYSIS

			%												ppm					
SAM_ID	DFROM	DTO	AL2O3	CAO	CR2O3	FE2O3	K2O	MGO	MNO	NA2O	P2O5	SIO2	TIO2	LOI	TOTAL	BA	RB	SR	NB	ZR	Y
MC94-202																					
RMC37437	4.00	5.00	14.49	4.36	0.02	6.33	2.88	1.92	0.070	5.88	0.26	59.46	0.59	3.34	99.60	1460.0	47	210.00	8.00	98.00	16.00
RMC37438	19.00	20.00	14.22	2.12	0.02	6.04	0.49	2.40	0.080	6.25	0.28	64.75	0.56	2.62	99.83	631.0	15	357.00	9.00	107.00	19.00
RMC37439	36.00	37.00	14.74	2.65	0.02	8.80	1.42	1.09	0.040	7.37	0.29	57.66	0.60	3.61	98.29	849.0	25	193.00	8.00	108.00	25.00
RMC37441	54.00	55.00	15.70	3.07	0.02	7.65	0.84	2.76	0.130	7.51	0.31	56.15	0.67	3.87	98.68	1050.0	17	247.00	10.00	106.00	23.00
RMC37442	71.00	72.00	10.25	2.28	0.03	5.25	1.83	2.30	0.070	3.81	0.19	69.93	0.47	2.47	98.88	1180.0	32	118.00	8.00	80.00	22.00
RMC37443	80.00	81.00	10.36	2.65	0.04	6.67	2.92	1.86	0.050	3.06	0.16	66.89	0.48	2.69	97.77	2390.0	48	176.00	8.00	81.00	23.00
RMC37444	93.00	94.00	12.60	9.88	0.07	11.26	0.58	9.16	0.280	2.27	0.34	44.67	0.81	7.90	99.82	766.0	19	239.00	5.00	57.00	22.00
RMC37454	103.00	104.00	13.22	8.08	0.03	16.66	1.88	5.39	0.190	2.47	29.00	43.40	0.64	5.26	98.51	1980.0	36	301.00	8.00	44.00	28.00
RMC37455	104.00	105.00	16.54	4.92	0.01	8.98	5.48	2.94	0.110	3.26	0.26	50.33	0.38	5.55	98.76	5360.0	98	355.00	5.00	11.00	18.00
RMC37459	108.00	109.00	16.87	1.43	0.01	9.12	4.04	2.63	0.050	5.58	0.28	53.24	0.38	4.03	97.66	2740.0	74	371.00	6.00	30.00	15.00
RMC37461	131.00	132.00	17.56	1.07	0.01	9.74	2.58	3.04	0.040	6.27	0.29	53.45	0.38	3.86	98.29	1710.0	64	390.00	7.00	36.00	13.00
RMC37466	171.00	172.00	17.02	2.89	0.01	7.76	5.19	3.16	0.110	4.09	0.27	53.91	0.38	3.64	98.41	3430.0	95	429.00	5.00	27.00	16.00
RMC39978	180.00	181.50	15.67	4.54	0.03	4.63	1.69	4.54	0.150	5.49	0.27	53.39	0.58	8.15	99.13	981.0	38	433.00	9.00	94.00	16.00
RMC37467	189.00	190.00	17.42	1.87	0.01	7.42	3.72	3.06	0.100	4.23	0.30	56.14	0.39	5.09	99.75	3610.0	83	381.00	6.00	29.00	6.00
RMC37468	205.00	206.00	18.08	9.36	0.01	4.90	0.40	3.25	0.140	6.06	0.50	54.79	0.60	2.89	100.98	398.0	9	431.00	12.00	60.00	19.00
RMC37469	227.00	228.00	16.53	7.14	0.02	7.00	0.58	3.98	0.130	6.13	0.43	54.03	0.55	2.20	98.99	1180.0	21	568.00	10.00	58.00	20.00
RMC37470	250.00	251.00	16.70	6.34	0.01	8.35	0.35	3.14	0.150	6.66	0.44	55.09	0.54	2.70	100.47	212.0	13	334.00	12.00	64.00	23.00
RMC37471	269.00	270.00	18.13	6.33	0.03	5.65	1.07	2.96	0.150	6.81	0.51	53.65	0.62	4.82	100.73	656.0	30	389.00	10.00	61.00	15.00
RMC37472	292.00	293.00	15.73	3.71	0.03	7.23	2.37	3.39	0.070	5.23	0.36	57.76	0.62	2.81	99.31	1390.0	57	455.00	10.00	108.00	19.00
RMC37473	313.00	314.00	16.02	4.51	0.02	8.49	4.41	4.64	0.080	3.94	0.34	56.53	0.70	2.74	100.42	1290.0	67	427.00	7.00	96.00	19.00
RMC37474	331.00	332.00	15.31	3.80	0.03	6.14	2.80	2.68	0.030	5.14	0.34	60.05	0.63	1.69	98.63	1140.0	62	487.00	8.00	117.00	16.00
RMC37475	349.00	350.00	15.84	4.86	0.01	8.58	2.84	4.84	0.100	4.39	0.37	54.44	0.75	2.47	99.52	1500.0	67	396.00	6.00	91.00	22.00
RMC37476	369.00	370.00	15.84	4.90	0.03	8.20	3.04	4.81	0.090	4.23	0.33	53.67	0.74	3.02	98.90	1670.0	66	460.00	10.00	95.00	20.00
RMC37477	384.00	385.00	16.03	4.30	0.02	6.03	2.46	3.01	0.070	4.53	0.29	55.69	0.54	7.31	100.28	1040.0	76	473.00	7.00	89.00	20.00
RMC37478	403.00	404.00	17.05	3.44	0.01	5.13	3.31	2.46	0.020	4.59	0.24	60.66	0.64	1.95	99.50	1220.0	82	596.00	11.00	145.00	21.00
RMC37479	424.00	425.00	16.34	4.38	0.01	9.13	2.27	3.50	0.060	5.48	0.33	54.98	0.65	2.66	99.79	1190.0	51	525.00	8.00	83.00	35.00
RMC37481	439.00	440.00	17.18	5.55	<.01	5.88	0.62	3.64	0.100	7.08	0.42	55.92	0.59	2.79	99.77	260.0	17	556.00	10.00	89.00	21.00
RMC37482	462.00	463.00	13.80	6.04	0.04	6.97	0.64	6.12	0.080	6.10	0.29	57.82	0.48	1.22	99.60	273.0	18	573.00	8.00	87.00	24.00
RMC37483	483.00	484.00	15.21	6.04	0.04	6.39	3.94	4.36	0.080	4.44	0.25	55.88	0.63	1.74	99.00	2070.0	73	577.00	7.00	89.00	21.00
RMC37484	502.00	503.00	14.81	7.04	0.03	7.30	2.70	4.84	0.100	4.59	0.26	53.19	0.60	3.42	98.88	1430.0	53	617.00	6.00	80.00	24.00
RMC37485	515.00	516.00	18.56	7.01	<.01	8.22	3.40	3.50	0.140	3.07	0.29	47.37	0.94	7.88	100.38	1110.0	105	643.00	5.00	77.00	21.00
RMC37490	520.00	521.00	15.33	4.51	0.02	7.91	2.28	3.97	0.060	4.81	0.24	52.94	0.57	6.84	99.48	1220.0	48	416.00	9.00	88.00	21.00
RMC37496	537.00	538.00	16.05	4.04	0.03	7.74	1.01	3.82	0.040	6.07	0.27	55.05	0.64	4.73	99.49	435.0	27	484.00	8.00	104.00	21.00
RMC37497	555.00	556.00	15.83	5.02	0.02	6.58	1.20	3.68	0.060	5.98	0.28	53.91	0.63	6.37	99.56	417.0	34	498.00	8.00	101.00	29.00
RMC37498	576.00	577.00	15.97	4.85	0.02	8.23	2.26	4.44	0.060	4.00	0.37	56.22	0.59	3.06	100.07	902.0	62	643.00	10.00	97.00	21.00
RMC37499	596.00	597.00	14.68	8.08	0.03	4.62	1.10	4.16	0.110	6.49	0.28	56.98	0.59	2.49	99.61	460.0	21	572.00	8.00	93.00	15.00

WHOLE ROCK ANALYSIS

			%												ppm					
SAM_ID	DFROM	DTO	AL2O3	CAO	CR2O3	FE2O3	K2O	MGO	MNO	NA2O	P2O5	SIO2	TIO2	LOI	TOTAL	BA	RB	SR	NB	ZR	Y
RMC30884	604.50	605.50	16.64	3.55	0.05	7.21	0.89	6.11	0.100	5.10	0.27	55.83	0.70	4.37	100.82	393.0	27	462.00	7.00	96.00	20.00
RMC30885	621.00	622.00	15.05	5.51	0.06	7.43	1.48	4.80	0.080	5.58	0.28	56.27	0.60	1.70	98.84	537.0	38	497.00	7.00	91.00	26.00
RMC30886	638.00	639.00	15.15	4.91	0.02	6.42	2.94	2.93	0.080	4.07	0.43	56.43	1.16	3.88	98.42	1390.0	61	641.00	14.00	241.00	15.00
RMC30887	651.00	652.00	15.67	5.76	0.04	7.66	1.72	4.66	0.090	3.99	0.31	57.21	0.64	2.15	99.90	692.0	52	691.00	7.00	101.00	50.00
RMC30888	668.00	669.00	16.03	4.67	0.03	5.89	1.42	4.57	0.070	6.44	0.25	56.12	0.68	3.17	99.34	637.0	33	469.00	6.00	96.00	21.00
RMC30889	678.00	679.00	16.13	4.78	0.04	6.55	1.55	3.76	0.070	6.83	0.27	56.80	0.67	1.84	99.29	668.0	33	466.00	9.00	95.00	26.00
RMC30890	684.00	685.00	16.14	5.50	0.03	7.39	1.68	4.41	0.070	5.71	0.30	55.80	0.67	2.20	99.90	772.0	45	596.00	5.00	102.00	32.00
RMC30891	702.00	703.00	16.40	4.87	0.02	6.34	1.81	3.97	0.080	6.42	0.28	56.34	0.65	2.19	99.37	678.0	40	314.00	8.00	101.00	26.00
RMC30892	719.00	720.00	14.60	5.84	0.03	5.93	0.58	4.59	0.070	6.69	0.28	55.00	0.60	4.43	98.64	222.0	11	327.00	8.00	94.00	18.00
MC94-203																					
RMC37735	20.00	21.50	17.48	4.32	<0.01	6.61	3.18	3.51	0.220	5.34	0.29	53.99	0.52	3.29	98.75	1740.0	60	490.00	7.00	63.00	17.00
RMC37736	40.00	41.50	16.96	3.19	0.01	7.79	3.19	4.33	0.210	5.57	0.28	54.82	0.51	2.27	99.13	1680.0	56	431.00	5.00	59.00	13.00
RMC37737	60.00	61.50	17.97	5.88	0.01	7.39	2.71	2.96	0.210	4.97	0.29	54.32	0.52	2.71	99.94	1510.0	53	418.00	6.00	62.00	14.00
RMC37738	80.00	81.50	13.36	3.73	0.04	5.94	2.25	2.26	0.110	4.09	0.21	63.73	0.44	3.39	99.55	1420.0	47	261.00	7.00	72.00	15.00
RMC37739	98.30	99.80	14.42	4.11	0.02	6.13	2.21	2.46	0.120	4.28	0.22	62.39	0.47	3.18	100.01	1370.0	46	309.00	6.00	74.00	16.00
RMC37742	121.00	122.00	10.21	1.72	0.02	6.19	2.28	1.68	0.060	3.40	0.15	70.30	0.44	3.09	99.53	1620.0	47	176.00	7.00	70.00	18.00
RMC37743	139.00	140.50	9.74	1.26	0.02	4.27	2.82	2.01	0.080	3.31	0.11	72.15	0.42	1.48	97.67	1810.0	57	181.00	6.00	81.00	17.00
RMC37747	159.50	161.00	9.35	1.37	0.02	7.24	1.26	2.92	0.110	3.21	0.13	69.92	0.53	2.59	98.65	942.0	23	156.00	7.00	73.00	18.00
RMC37751	185.00	186.00	10.79	2.00	0.02	7.22	1.32	2.68	0.100	3.78	0.16	67.62	0.47	3.64	99.80	665.0	26	218.00	5.00	103.00	20.00
RMC37756	204.50	205.50	11.45	1.29	0.02	5.75	2.33	2.29	0.060	3.58	0.15	68.42	0.43	2.96	98.73	1810.0	58	225.00	7.00	94.00	15.00
RMC37763	224.30	225.50	16.36	2.32	0.01	5.60	2.22	2.96	0.090	4.88	0.21	62.18	0.53	3.43	100.79	1860.0	64	260.00	10.00	125.00	20.00
RMC37773	244.30	245.50	7.04	2.40	0.06	5.24	2.47	1.68	0.070	0.91	0.11	71.32	0.34	7.33	98.97	651.0	63	144.00	7.00	97.00	37.00
RMC37781	265.50	266.50	16.87	1.77	0.01	8.69	6.00	3.43	0.120	3.83	0.29	51.41	0.56	5.22	98.20	2670.0	106	388.00	6.00	46.00	21.00
RMC37791	281.60	283.00	10.30	1.29	0.02	5.06	2.49	3.08	0.080	2.66	0.16	70.68	0.51	2.26	98.49	1390.0	42	169.00	8.00	85.00	18.00
RMC37795	308.00	309.50	15.91	2.74	0.01	9.31	3.28	3.66	0.130	4.26	0.28	55.72	0.57	4.03	99.90	2090.0	71	353.00	9.00	67.00	24.00
RMC37796	326.00	327.50	14.59	2.60	0.02	10.50	3.78	3.16	0.110	3.88	0.25	55.19	0.62	3.99	98.69	2920.0	67	296.00	8.00	91.00	22.00
RMC37797	345.50	346.60			miss																
RMC37798	346.60	347.80	18.10	1.50	0.01	8.01	2.64	4.86	0.140	5.50	0.32	55.20	0.64	3.54	100.47	2520.0	53	395.00	10.00	82.00	21.00
RMC37807	369.00	370.50	14.95	1.75	0.02	7.98	3.98	3.35	0.060	3.93	0.25	59.10	0.62	2.97	98.96	3710.0	68	326.00	7.00	83.00	25.00
RMC37823	390.20	391.70	14.16	1.65	0.02	7.78	5.62	3.19	0.020	2.57	0.25	58.31	0.60	3.34	97.51	4010.0	91	285.00	8.00	84.00	17.00
RMC30858	401.60	402.60	13.79	6.39	0.01	7.49	5.31	2.61	0.060	2.21	0.24	53.11	0.60	6.04	97.86	2660.0	86	301.00	8.00	101.00	17.00
RMC37832	416.10	417.10	17.92	1.02	0.04	7.68	5.81	2.72	0.010	1.77	0.29	57.07	0.60	4.22	99.15	2320.0	143	173.00	6.00	62.00	26.00
RMC37850	436.00	437.00	16.19	0.95	0.02	9.96	4.25	2.02	0.010	3.33	0.23	58.21	0.59	3.80	99.56	2700.0	95	229.00	7.00	78.00	14.00
RMC37866	456.50	457.50	17.49	1.13	0.01	10.56	4.58	3.97	0.020	0.89	0.30	54.99	0.58	5.55	100.07	3540.0	119	106.00	6.00	47.00	20.00
RMC37869	477.00	478.50	13.82	1.00	0.02	6.30	6.58	1.55	0.010	2.13	0.21	61.00	0.53	4.62	97.77	3640.0	100	222.00	8.00	95.00	17.00

WHOLE ROCK ANALYSIS

			%												ppm					
SAM_ID	DFROM	DTO	AL2O3	CAO	CR2O3	FE2O3	K2O	MGO	MNO	NA2O	P2O5	SIO2	TIO2	LOI	TOTAL	BA	RB	SR	NB	ZR	Y
RMC37870	497.00	498.50	13.39	2.79	0.02	10.22	4.74	1.35	0.030	0.86	0.28	56.13	0.68	7.57	98.06	4270.0	115	246.00	11.00	96.00	15.00
RMC37871	521.00	522.50	14.65	1.67	0.04	8.28	5.45	2.55	0.030	1.93	0.24	58.80	0.42	5.46	99.52		113	595.00	5.00		13.00
RMC37872	544.00	545.60	14.78	1.68	0.07	7.99	5.71	2.52	0.030	2.08	0.23	58.13	0.42	5.41	99.05		112	590.00	5.00		17.00
MC94-204																					
RMC37550	26.50	27.50	18.57	4.00	0.01	7.07	2.88	3.02	0.270	5.53	0.30	55.00	0.52	2.40	99.57	1300.0	50	384.00	8.00	74.00	17.00
RMC37553	44.50	46.00	16.09	5.66	0.01	6.73	3.76	2.67	0.350	4.44	0.28	53.69	0.49	5.08	99.25	1950.0	64	327.00	8.00	67.00	11.00
RMC37555	66.00	67.50	16.61	5.45	0.01	6.90	2.74	3.28	0.210	5.17	0.27	55.27	0.51	2.74	99.18	1440.0	49	387.00	6.00	75.00	11.00
RMC37557	85.70	86.70	17.93	2.48	0.02	6.75	4.78	3.72	0.210	4.49	0.30	54.99	0.56	2.78	99.01	3260.0	86	440.00	5.00	72.00	16.00
RMC37563	107.50	109.00	11.58	3.18	0.05	6.91	2.82	2.29	0.090	3.61	0.17	50.51	0.60	5.82	97.63	1150.0	51	222.00	9.00	98.00	19.00
RMC37568	127.60	129.00	10.80	3.65	0.05	5.32	3.00	1.29	0.080	3.11	0.14	66.18	0.46	5.76	99.84	1070.0	62	237.00	6.00	97.00	18.00
RMC37570	147.00	148.50	9.31	1.20	0.09	5.85	3.15	1.60	0.060	2.41	0.12	69.09	0.47	4.99	98.34	1320.0	62	181.00	8.00	82.00	21.00
RMC37581	167.00	168.00	7.06	1.11	0.06	10.62	1.97	1.37	0.080	2.02	0.08	68.32	0.32	5.52	98.53	1250.0	38	139.00	10.00	73.00	17.00
RMC37584	186.50	188.00	9.21	5.38	0.03	4.59	2.18	1.55	0.120	2.67	0.11	65.99	0.46	6.13	98.42	1270.0	40	171.00	7.00	75.00	18.00
RMC37586	212.50	213.50	11.25	1.57	0.03	9.53	2.48	3.30	0.150	2.91	0.26	61.95	0.64	4.88	98.95	1400.0	40	158.00	6.00	79.00	22.00
RMC37591	232.00	233.00	12.52	0.47	0.02	5.60	2.86	2.15	0.040	4.02	0.21	66.18	0.49	3.34	97.90	1080.0	47	230.00	6.00	111.00	19.00
RMC37594	257.00	258.00	16.19	2.01	0.03	11.16	5.39	2.80	0.150	2.04	0.27	52.30	0.56	5.98	98.86	2400.0	122	217.00	8.00	67.00	21.00
RMC37612	277.50	278.50	14.90	5.18	0.01	15.91	2.96	4.23	0.190	1.93	0.24	39.81	0.48	12.71	98.55	841.0	86	361.00	4.00	63.00	17.00
RMC37629	296.50	298.00	17.82	3.14	0.01	8.56	3.43	4.53	0.300	4.82	0.33	53.33	0.58	3.21	100.06	2430.0	67	404.00	6.00	66.00	17.00
RMC37631	320.50	322.00	16.77	6.13	<0.01	8.57	3.96	3.53	0.190	3.33	0.30	46.64	0.56	9.38	99.36	1060.0	105	501.00	5.00	49.00	10.00
RMC37644	341.50	343.00	17.54	3.40	0.01	10.64	2.39	3.70	0.220	4.04	0.31	54.51	0.56	3.64	100.96	1980.0	77	441.00	6.00	51.00	12.00
RMC37659	361.40	362.40	16.41	7.12	<0.01	7.27	5.09	3.27	0.190	3.41	0.29	50.77	0.55	4.38	98.75	2900.0	99	407.00	6.00	36.00	27.00
RMC37663	378.00	379.00	16.25	3.74	0.01	10.66	5.34	3.17	0.100	2.82	0.28	50.29	0.55	5.56	98.77	3060.0	124	323.00	7.00	35.00	15.00
RMC37673	398.50	400.00	17.67	3.08	0.01	9.06	2.96	4.02	0.210	4.79	0.30	52.47	0.55	3.67	98.79	1990.0	68	410.00	6.00	47.00	16.00
RMC37681	421.00	422.00	13.91	4.10	0.01	10.05	3.11	3.74	0.030	1.32	0.26	57.97	0.48	4.86	99.85	1670.0	89	299.00	7.00	53.00	6.00
RMC37683	440.00	441.50	17.27	4.28	0.01	8.90	2.71	3.91	0.150	4.06	0.31	53.84	0.55	3.04	99.03	1950.0	59	606.00	6.00	56.00	12.00
RMC37692	466.00	467.00	18.91	3.48	0.01	14.75	3.60	3.46	0.040	2.23	0.26	49.91	0.52	5.50	99.67	1270.0	112	292.00	7.00	56.00	9.00
RMC37707	485.50	487.00	17.35	2.02	0.01	8.93	2.22	5.03	0.060	4.71	0.34	53.81	0.49	4.58	99.52	1510.0	56	401.00	7.00	56.00	22.00
RMC37726	504.50	505.50	14.80	1.18	0.02	10.45	4.95	1.25	0.010	0.53	0.28	58.36	0.59	6.91	99.23	1670.0	128	46.00	8.00	88.00	15.00
RMC37731	511.50	524.00	14.42	2.49	0.02	12.38	3.31	3.35	0.030	1.51	0.29	52.84	0.57	8.64	99.86	1480.0	91	150.00	11.00	91.00	18.00
RMC37732	524.00	543.50	15.34	0.88	0.02	5.92	3.00	4.73	0.030	1.37	0.30	62.92	0.60	4.91	100.02	1500.0	99	101.00	12.00	101.00	17.00
RMC37734	550.00	551.70	16.88	2.13	0.02	8.84	4.76	3.57	0.030	1.19	0.36	53.17	0.59	7.87	99.41	1840.0	129	147.00	6.00	62.00	24.00

WHOLE ROCK ANALYSIS

			%												ppm					
SAM_ID	DFROM	DTO	AL2O3	CAO	CR2O3	FE2O3	K2O	MGO	MNO	NA2O	P2O5	SIO2	TIO2	LOI	TOTAL	BA	RB	SR	NB	ZR	Y
MC94-223																					
RMC26771	13.00	14.00	5.35	0.58	0.03	2.73	1.58	1.30	0.020	0.53	0.09	84.98	0.26	2.01	99.52	1300.0	56	53.00	6.00	76.00	20.00
RMC26779	44.00	45.00	6.88	1.02	0.03	2.74	2.05	1.10	0.020	0.96	0.06	90.90	0.30	1.92	97.98	1900.0	71	72.00	3.00	102.00	20.00
RMC26784	69.00	70.00	9.54	1.03	0.03	4.40	2.72	2.55	0.020	1.73	0.07	72.40	0.48	2.86	97.83	2180.0	71	125.00	10.00	100.00	24.00
RMC26786	93.00	94.00	6.22	1.18	0.02	4.41	1.19	2.45	0.030	1.05	0.04	78.71	0.32	2.66	98.28	871.0	42	70.00	5.00	72.00	17.00
RMC26791	118.00	119.00	6.70	11.67	0.02	3.74	1.40	4.06	0.100	0.76	0.40	60.75	0.35	9.43	99.38	710.0	52	143.00	7.00	91.00	22.00
RMC26792	122.00	123.00	17.03	3.95	0.01	7.13	3.88	2.73	0.100	5.23	0.30	53.29	0.40	5.22	99.27	2740.0	76	372.00	8.00	58.00	15.00
RMC26796	157.00	158.00	17.38	5.54	0.02	6.41	2.43	3.09	0.170	5.30	0.30	57.10	0.51	2.29	100.54	1830.0	53	444.00	7.00	77.00	16.00
RMC26797	175.00	176.00	17.22	4.90	0.04	7.31	1.63	3.49	0.140	5.97	0.27	54.36	0.51	3.43	99.27						
RMC26799	194.00	195.00	16.68	5.28	0.02	7.01	2.15	3.27	0.150	6.11	0.27	54.46	0.51	2.41	98.32	1240.0	38	448.00	7.00	77.00	14.00
RMC26801	215.00	216.00	16.81	6.18	0.02	6.25	2.64	3.12	0.130	5.36	0.29	53.86	0.49	3.97	99.12	1520.0	54	494.00	3.00	77.00	15.00
RMC26803	231.00	232.00	10.40	1.98	0.06	5.10	2.68	1.91	0.010	1.75	0.60	69.69	0.55	5.09	99.82	1250.0	87	140.00	8.00	120.00	39.00
RMC26810	259.00	260.00	17.58	1.80	0.01	6.47	4.07	3.01	0.140	5.27	0.26	54.89	0.36	4.40	98.26	3530.0	83	394.00	8.00	49.00	15.00
RMC26821	281.00	282.00	11.07	1.50	0.05	6.58	3.08	1.59	0.020	2.23	0.33	66.04	0.75	5.75	98.99	4150.0	96	186.00	7.00	97.00	27.00
RMC26824	300.00	301.00	6.95	1.35	0.03	3.42	2.22	2.23	0.010	1.13	0.10	77.47	0.35	2.74	98.00	2320.0	57	98.00	8.00	87.00	19.00
RMC26826	320.00	321.00	8.90	0.84	0.03	4.21	3.68	2.38	0.020	1.12	0.07	73.03	0.46	2.82	97.56	2700.0	93	132.00	9.00	107.00	24.00
RMC26828	343.00	344.00	16.86	2.46	0.01	7.28	1.91	4.89	0.110	6.16	0.33	54.34	0.54	4.58	99.47	2100.0	45	423.00	4.00	70.00	17.00
RMC26835	361.00	362.00	17.75	1.35	0.01	7.23	4.74	3.25	0.120	5.09	0.33	55.20	0.46	3.46	98.99	2620.0	92	410.00	7.00	66.00	17.00
RMC26847	382.00	383.00	4.89	1.31	0.03	2.33	1.48	1.03	0.010	0.85	0.12	85.12	0.25	1.88	99.30	695.0	42	68.00	7.00	76.00	5.00
RMC26858	392.70	393.70	17.79	2.47	0.01	2.30	5.94	1.70	0.040	4.92	0.27	54.23	0.55	8.83	99.05	2890.0	118	371.00	7.00	76.00	9.00
RMC26872	413.00	414.00	0.73	0.93	0.04	5.00	2.11	2.32	0.040	1.32	0.07	75.83	0.42	2.82	98.63	793.0	49	113.00	10.00	114.00	18.00
RMC26879	430.00	431.00	7.31	0.84	0.03	3.67	2.15	1.89	0.010	1.20	0.05	79.08	0.35	2.20	98.78	1550.0	57	90.00	5.00	94.00	22.00
RMC26882	443.00	444.00	3.11	2.53	0.03	2.66	1.40	1.65	0.030	1.07	0.08	79.99	0.31	2.90	98.76	1600.0	39	112.00	7.00	75.00	15.00
RMC26886	454.00	455.00	17.13	2.78	0.01	8.34	3.48	3.35	0.050	4.99	0.29	53.13	0.57	4.52	98.64	1410.0	76	480.00	6.00	82.00	20.00
RMC26893	477.00	478.00	16.29	2.79	0.01	7.46	5.51	3.57	0.080	3.50	0.28	53.71	0.44	4.81	98.46	2130.0	98	366.00	7.00	53.00	22.00
RMC26896	494.00	495.00	15.79	1.85	0.01	7.71	6.87	2.17	0.030	2.81	0.26	55.52	0.54	5.38	98.94	2090.0	125	295.00	7.00	66.00	23.00
RMC26899	523.00	524.00	15.89	2.42	0.02	10.50	5.21	3.14	0.060	2.84	0.26	51.21	0.54	7.08	99.17	1710.0	114	335.00	4.00	72.00	21.00
MC94-224																					
RMC26906	12.00	13.00	5.18	1.10	0.05	2.94	1.55	0.97	0.020	0.81	0.08	81.47	0.26	3.97	98.40	1400.0	52	65.00	7.00	85.00	26.00
RMC26912	35.00	36.00	8.44	0.82	0.04	3.95	2.07	2.16	0.040	1.68	0.07	75.31	0.41	2.88	97.87	1860.0	67	101.00	9.00	96.00	21.00
RMC26917	48.00	49.00	4.22	1.30	0.02	3.30	1.07	1.02	0.030	0.90	0.18	84.00	0.22	2.45	98.71	1120.0	28	78.00	6.00	67.00	20.00
RMC26924	89.00	90.00	18.61	1.67	0.01	6.02	2.53	3.38	0.120	6.74	0.30	55.98	0.39	3.54	99.29	1760.0	56	474.00	6.00	63.00	17.00
RMC26928	112.00	113.00	4.19	0.50	0.02	2.17	1.30	0.58		0.50	0.08	87.82	0.18	1.31	98.65	1630.0	42	49.00	5.00	71.00	13.00
RMC26945	128.00	129.00	4.32	2.01	0.02	3.08	0.94	2.32	0.060	0.85	0.36	82.93	0.23	2.50	99.62	950.0	21	110.00	6.00	77.00	24.00

WHOLE ROCK ANALYSIS

			%													ppm					
SAM_ID	DFROM	DTO	AL2O3	CAO	CR2O3	FE2O3	K2O	MGO	MNO	NA2O	P2O5	SIO2	TIO2	LOI	TOTAL	BA	RB	SR	NB	ZR	Y
RMC26952	138.00	139.00	17.76	2.28	0.01	0.46	2.22	2.64	0.140	7.43	0.28	56.86	0.36	2.38	98.82	2390.0	47	408.00	4.00	55.00	13.00
RMC26957	166.00	167.00	17.87	2.95	0.01	6.22	3.36	2.91	0.110	5.96	0.30	55.53	0.38	3.56	99.16	2940.0	83	465.00	7.00	53.00	18.00
RMC26959	183.00	184.00	7.33	0.92	0.02	3.10	1.67	2.76	0.040	1.05	0.07	79.15	0.37	2.08	98.56	945.0	65	82.00	7.00	96.00	17.00
RMC26964	194.00	195.00	18.18	4.92	0.01	5.30	3.24	2.68	0.140	5.56	0.29	56.90	0.37	1.83	99.42	2580.0	74	525.00	8.00	57.00	14.00
RMC26970	217.00	218.00	7.42	1.64	0.02	4.15	1.45	2.49	0.020	1.56	0.13	77.62	0.34	2.85	99.67	1120.0	47	150.00	8.00	84.00	19.00
RMC26976	227.00	228.00	18.32	4.80	0.01	6.62	2.54	2.66	0.230	5.85	0.31	56.48	0.40	1.92	100.14	2030.0	60	562.00	5.00	65.00	16.00
RMC26979	242.00	243.00	18.22	5.58	0.01	6.00	3.19	3.18	0.190	5.14	0.30	54.79	0.40	2.34	99.34	2440.0	74	625.00	7.00	61.00	15.00
RMC26981	262.00	263.00	8.07	5.75	<0.01	6.60	3.27	2.79	0.140	4.04	0.30	56.11	0.39	2.08	99.54	2670.0	83	549.00	4.00	61.00	15.00
RMC26985	281.00	282.00	17.80	5.57	<0.01	5.98	3.12	3.00	0.120	5.32	0.29	54.19	0.37	4.34	100.10	2550.0	69	22.00	5.00	52.00	15.00
RMC26987	301.00	302.00	18.45	5.78	0.01	6.46	3.19	3.28	0.130	4.10	0.30	55.61	0.39	2.45	100.15	2010.0	99	558.00	5.00	60.00	16.00
RMC26990	320.00	321.00	17.86	4.40	<0.01	6.62	4.80	3.14	0.130	4.12	0.29	55.80	0.36	2.36	99.88	3210.0	120	440.00	7.00	53.00	21.00
RMC26998	340.00	341.00	14.31	4.31	0.01	5.94	2.78	3.11	0.110	4.29	0.23	55.94	0.39	8.08	99.50	1550.0	59	258.00	6.00	87.00	15.00
RMC38504	356.00	357.00	7.94	1.62	0.02	3.59	1.41	2.50	0.030	1.57	0.10	76.48	0.50	2.82	98.58	1680.0	44	98.00	6.00	95.00	28.00
RMC38518	377.00	378.00	17.70	2.23	0.02	6.98	3.92	2.99	0.070	4.39	0.29	55.59	0.38	4.39	98.95	5500.0	103	374.00	6.00	44.00	16.00
RMC38519	383.00	384.00	8.89	2.13	0.02	5.10	1.21	3.81	0.040	1.46	0.28	72.61	0.55	3.56	99.66	1360.0	43	103.00	5.00	101.00	36.00
RMC38525	402.00	403.00	8.36	1.03	0.03	4.19	1.75	2.43	0.010	1.62	0.38	76.62	0.38	2.58	99.38	2470.0	55	111.00	8.00	106.00	31.00
RMC38533	424.00	425.00	6.93	0.92	0.03	4.05	2.22	2.21	0.020	1.26	0.07	77.16	0.40	2.72	97.99	2440.0	49	108.00	8.00	72.00	17.00
RMC38539	447.00	448.00	16.83	3.34	0.01	7.23	3.49	4.28	0.060	4.90	0.32	52.60	0.54	5.18	98.78	5100.0	63	421.00	4.00	58.00	15.00
RMC38545	466.00	467.00	17.20	2.72	0.02	6.64	3.80	4.02	0.090	4.75	0.30	53.92	0.52	5.02	99.00	2690.0	72	280.00	7.00	68.00	16.00
RMC38549	482.00	483.00	6.61	3.80	0.03	2.62	2.13	0.98	0.030	0.48	0.09	78.78	0.32	3.25	9.12	461.0	63	77.00	7.00	91.00	16.00
RMC38555	498.00	499.00	17.31	1.95	0.03	6.19	3.94	3.20	0.090	5.19	0.27	56.91	0.45	3.75	99.26	2030.0	74	352.00	5.00	58.00	21.00

APPENDIX III

ORO IV DRILL LOGS
+
AU ASSAY RESULTS

Lac Minerals Ltd.
Red Mountain

LAC

MC94-202

SUMMARY DRILL REPORT

Location Coordinates

Northing	2,284.123
Easting	4,823.943
Elevation	1,749.780

Length & Collar Orientation

Length	722.38
Azimuth	90.0
Dip	-70.0

Field Location	British Columbia	Lengths measured in meters	
Casing	0.89	Started	/ /
Core Size		Completed	/ /
Logged by	Christine Swanson	Logged	/ /
Checked by	Christine Swanson	Checked	/ /
Mx'n Zone	AV/JW		
Claim Group	ORO1		
Map Refer'ce	103P/13W		
Region	Skeena Mining Division		
Driller	JT Thomas		
Assayer	EcoTech Laboratories		

Comments

Condensed Log

MC94-202

Interval		Rock Type	Grain size	Modifier
0.00	0.89	Casing		
0.89	21.95	BdT grn cherty seds, wk bx'd	fT	grn
21.95	23.50	FZ:BdT strg lim, 1% GO, poor recovery		
23.50	83.60	BdT cherty grn seds, wk bx'd	fT	bdd
83.60	104.00	xtl-lithic T pyroxene/bio porph frags in px/bio mx (Garfield's flow)	ALT	grn
104.00	155.40	HFBp med gry-beige	T	msv
155.40	158.50	BdT grn cherty seds	fT	bdd
158.50	160.90	xtl Lithic T pyroxene/bio porph frags in px/bio mx	ALT	grn
160.90	165.60	HFBp med gry-beige		
165.60	168.40	BdT dk gry-blk, cherty, bx'd	fT	bdd
168.40	197.80	HFBp med gry-beige	T	msv
197.80	199.00	FZ fol'd @ 30° to CA, w/ 8cm GO seam 30° @ 197.8m		
199.00	290.20	HFxl-BdT epiclastics,strg alt'n	ALT	ax alt'd
290.20	722.38	BdT gry-grn arg+wackes	fT	bdd

Interval		Rock Type	Grain size	Modifier
722.38	722.38	EOH		

Lac Minerals Ltd.
Red Mountain
WOTAN
LAC **AV/JW**

DRILL LOG
GEOLOGY DESCRIPTION

MC94-202

Lengths measured in meters

Logged by: Christine Swanson / /	Northing	2,284.123	Length 722.38
Checked by: / /	Easting	4,823.943	Dip -70.0
	Elevation	1,749.780	Az 90.0

Geology Description

MC94-202

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
0.00	0.89	**Casing**			A
0.89	21.95	**BdT**	**fT**	**grn**	A
		grn cherty seds, wk bx'd			
		LITHOLOGY: Light green to grey cherty sediments with intercalated fine grained (fine sand-sized) wacke layers. 40% finely banded light green to grey cherts, 60% very fine to fine grained sand-sized green to grey wacke layers. ALTERATION: Weak to moderate pervasive chl, weak cc as fracture fill (trace to 1% cc veins), weak patchy axinite, predominantly as veining. Moderate lim to occasional fracture surfaces. STRUCTURE: Weak brittle deformation, cc+chl +/- py annealed. MINERALIZATION: Trace fine irregular fracture fill and fine dissem, < trace po as occasional dissem blebs and fine irregular fracture fill. LC: FZ. COMMENTS: Correlative with green cherty sediments in MC94-200 and MC94-201.			
3.50	3.50				C
		Bedding at 35°.			
7.10	7.90				B
		5% ax vng			
		ALTERATION: 5% axinite veining from <1 to 10mm, from 20° to 60° to core axis.			
10.30	10.30				C
		Bedding subparallel to core axis.			
15.60	15.60				C
		Bedding at 45°.			
20.00	21.95				C
		Ankerite or marcasite alteration? Dark grey to brown dentritic alteration usually associated with limonite fracture coatings. Has stained for siderite/ankerite previously. Has been probed/thin sectioned and marcasite has been found.			
21.95	23.50	**FZ:BdT**			A
		strg lim, 1% GO, poor recovery			
		STRUCTURE: Strong broken core, angular fragments with strong lim staining to fracture surfaces. 1% gouge. 50-60% recovery.			
23.50	83.60	**BdT**	**fT**	**bdd**	A
		cherty grn seds, wk bx'd			
		DAP: 0.89 to 21.95m.			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier
23.50	24.30	Moderate to strong lim alteration and staining to fracture surfaces and as alteration halos to fracture surfaces. Weak patchy ankerite (marcasite) alteration.		C
24.30	24.70	*mod BC* STRUCTURE: Moderate broken core, angular fragments with moderate to strong limonite to fracture surfaces.		B
29.50	50.10	Strong pervasive lim alteration.		C
33.40	33.70	*wk-mod BC* STRUCTURE: Weak to moderately broken core, angular fragments with moderate to strong lim to fracture surfaces and as pervasive alteration.		B
38.70	39.30	Yellowish to greyish cc vein. UC: Approximately 60° - broken. LC: At 40°.		C
40.95	41.10	10 cm yellowish to greyish cc vein at 60° to core axis.		C
44.00	44.00	Bedding 30° to core axis.		C
45.10	45.50	40 cm yellowish to greyish coloured cc vein at 60° to core axis.		C
49.20	49.20	Bedding at 20°.		C
51.00	51.00	Bedding at 30°.		C
51.10	51.30	*mod BC* STRUCTURE: Moderately broken core, angular fragments, weak lim to fracture surfaces.		B
52.70	53.20	*mod to strong BC* STRUCTURE: Moderately to strongly broken core, angular fragments with moderate lim to fracture surfaces.		B
56.50	56.50	Bedding at 35°.		C
57.40	58.10	*mod-strg BC* STRUCTURE: Moderate to strong broken core, angular fragments with moderate lim to fracture surfaces. Weak foliation at 60° to core axis. NOTE: Blocks inserted noting that the "rods dropped 1 foot" and there was "lost water".		B
59.00	60.90	Strong pervasive lim alteration.		C

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
60.90	61.70				B
		strg BC, strg lim staining STRUCTURE: Strongly broken core, very angular fragments with irregular surfaces and moderate lim to fracture surfaces. Strong pervasive limonite to host, imparting orange rusty colour to rock.			
61.70	63.10				C
		Moderate to strong, pervasive limonite alteration.			
63.10	70.60				C
		Weak to moderate, pervasive lim alteration - patchy and as coatings on fracture surfaces.			
64.20	64.20				C
		Bedding at 25°.			
66.90	68.30				B
		mod-strg BC STRUCTURE: Moderate to strong broken core, angular fragments, moderate to strong lim alteration and staining to fracture surfaces. 35% to 45% core loss.			
72.60	73.90				B
		strg BC STRUCTURE: Strong broken core, angular fragments with moderate lim to fracture surfaces. Poor recovery - 40% to 50% recovery.			
77.50	77.50				C
		Bedding subparallel to core axis.			
83.10	83.10				C
		Bedding subparallel to core axis.			
83.60	104.00	xtl-lithic T	ALT	grn	A
		pyroxene/bio porph frags in px/bio mx (Garfield's flow) LITHOLOGY: 30% to 40% porphyritic fragments in a matrix of the same composition. Fragments have 7-10% dark green pyroxene or biotite or augite phenos from 1-4mm (haven't found any 8-sided cross-section, probability that the pyroxene is actually augite). Matrix is light green aphanitic to very fine grained. Fragments: A<L: 10% A-sized, subround, to 16 cm along core axis, 25-30% L-sized subround to angular, 60% to 65% cT. Matrix is medium grained crystal tuff with >10% biotite and augite or pyroxene in light green ashy matrix. ALTERATION: Moderate pervasive chl alteration +/- ser, 1-2% cc veins, (weak patchy cc alteration). Moderate lim to occasional fracture surfaces. STRUCTURE: Weak brecciation, cc+/- chl +/- py +/- po annealed. MINERALIZATION: 1% py fine irregular fracture fill and fine dissem, trace po fine irregular fracture fill and fine dissem, < trace cpy with po fine irregular fracture fill. LC: 25° - 10cm cc+chl+py. COMMENTS: Same unit and sequence occurs in MC94-200 and MC94-201. Correlatable.			
95.60	95.70				C
		Foliated cc vein with foliations to wallrock - at 30° to core axis.			
98.40	98.40				C
		"Bedding" or banding at 60° to core axis - may be a contact.			
102.00	104.00				C
		Weak foliation at 30° to core axis - pervasive.			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
104.00	155.40	**HFBp**	T	msv	A
		med gry-beige			
		LITHOLOGY: 7-10% lathy, lcx altered hb phenos from 2-5mm long, average 3-4mm, 3-5% six-sided pinkish-beige altered biotite phenos from 2-4mm, average 3 mm, 7-10% whitish, stubby fsp phenos to 2mm. In beige-grey aphanitic translucent matrix. ALTERATION: Moderate lcx to mafics, moderate pervasive ser+/- K-spar moderate patchy cc alteration. STRUCTURE: Weak brecciation, cc +/- py annealed. MINERALIZATION: 1% py, trace po, fine irregular fracture fill and fine dissem. LC: Foliated, moderate to strongly at 80° to core axis. COMMENTS: Correlative with the same unit in MC94-200 from 81.60 to 109.6 m and MC94-201 from 67.15 to 123.80m.			
104.00	105.90				C
		Bleached weakly with moderate sucrosic texture.			
105.50	105.50				C
		0.5 cm po+cpy+cc+chl vein at 15° to core axis.			
140.50	141.40				B
		1% f Fe-carb vns			
		ALTERATION: 1% fine irregular Fe-carb veins with moderate pervasive lim staining.			
155.40	158.50	**BdT**	fT	bdd	A
		grn cherty seds			
		DAP: 0.89 to 21.95m. LC: Foliated at 35° to core axis.			
158.50	160.90	**xtl Lithic T**	ALT	grn	A
		pyroxene/bio porph frags in px/bio mx			
		DAP: 83.60 to 104.00m. LC: 6 cm cc vein at 60° to core axis.			
160.90	165.60	**HFBp**			A
		med gry-beige			
		DAP: 104.00 to 155.40m. LC: Moderately well foliated zone 1cm wide at 25° to core axis.			
162.20	162.30				B
		fol'd cata, 70° to CA			
		STRUCTURE: Moderate to strongly foliated zone at 70° to core axis fine Fe-carb veins at 70° in foliated zone.			
165.60	168.40	**BdT**	fT	bdd	A
		dk gry-blk, cherty, bx'd			
		LITHOLOGY: Dark grey to black coloured cherty, brecciated chl + cc +po annealed sediments. ALTERATION: Moderate pervasive chl, weak patchy cc as veins, trace Fe-carb veins. STRUCTURE: Moderate to strong brecciation, chl + po +/- cc annealed. MINERALIZATION: 1-2% po fine irregular fracture fill and fine dissem, 1% py fine irregular fracture fill and fine dissem. LC: 30° weakly foliated cc+/- chl+/- py vein 0.5 cm thick. COMMENTS: Very similar to dark grey to black BdT in MC94-201, found also beneath the HFBp.			
168.40	197.80	**HFBp**	T	msv	A
		med gry-beige			
		DAP: 104.00 to 155.40m with weak to moderate patchy Fe-carb alteration, predominantly as fine veining. LC: 40° to core axis, foliated cataclasite 10cm wide.			
170.00	177.70				B
		wk-mod patchy Fe-carb alt'n, 1-2% Fe-carb vns			
		ALTERATION: Weak to moderate, patchy Fe-carb alteration, pervasive halos and veins - stronger towards broken core zone. 1-2% fine irregular fracture fill Fe-carb.			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
177.70	178.95				B
		mod-strg BC, Fe-carb alt'd host rock STRUCTURE: Moderate to strongly broken core, angular fragments with moderate to strong lim to fracture surfaces. Poor recovery approx 60%. From 178.00 to 178.16m trace gouge.			
178.95	192.00				B
		wk-mod patchy Fe-carb alt'n,1-2% Fe-carb vns DAP: 170.00 m to 177.70 m.			
192.00	193.90				B
		mod BC STRUCTURE: Moderate broken core, angular fragments with dark green chl +/- py+/- cc to fracture surfaces. 192.60 to 192.90m foliated zone at 30° to core axis. May be a semi-consolidated fault zone. Flaky rock fragments in this area.			
196.90	197.80				C
		Occasional slickensided fracture surfaces with chl+/- cc lining.			
197.80	199.00	FZ			A
		fol'd @ 30° to CA, w/ 8cm GO seam 30° @ 197.8m STRUCTURE: Moderate foliated zone at 30° to core axis. Angular, rubbly, strongly broken core partially semi-consolidated with an 8 cm gouge seam at 30° to core axis at 197.8m. Poor recovery overall, approximately 60%. 5% gouge.			
199.00	290.20	HFxl-BdT	ALT	ax alt'd	A
		epiclastics,strg alt'n LITHOLOGY: Strongly altered, original textures are vague. 30% fragments from 10 to 0.2 cm: 10-15% A-sized, subround to subangular, 60% L-sized round to subangular, 30% cT-sized round to subangular. In an HFxl matrix. Variable concentrations of fragments in different layers. (5% fragments fT+BdT-locally concentrated). ALTERATION: Strong patchy axinite alteration, predominantly as veining with patchy alteration halos, moderate pervasive black trm alteration as very fine grained dissem, moderate pervasive chl alteration. Weak to moderate cc alteration dominantly as veining; approximately 2% cc veins. 5% axinite veins. STRUCTURE: Weak to moderate brecciation cc+/- axinite annealed. MINERALIZATION: 1% py fine irregular fracture fill and fine dissem, trace po fine irregular fracture fill and fine dissem. LC: 80° to core axis, 35 cm weakly foliated cc vein. COMMENTS: Alteration makes it relatively difficult to identify specific layers and to determine whether the rock is an original epiclastic or strongly altered brecciated rock.			
208.10	208.30				B
		mod BC STRUCTURE: Moderately broken core, angular fragments with lim to fracture surfaces cc + Fe-carb veined with weak foliations at 60° to core axis.			
215.20	220.50				B
		HFxl-BdT LT LITHOLOGY: 30% cT to cL sized fT and BdT fragments, round to subround (pebbles) in light to medium green ashy-looking matrix. UC: 40°. LC: 60° cc vein, weak foliated. COMMENTS: There is a unit in approximately the same stratigraphic position in MC94-200, with the same pebble size, shape, composition and matrix composition as this unit. Should be correlatable.			
215.70	215.90				C
		Strong pervasive limonite alteration. Gradational margins.			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
219.50	219.65				C
		15 cm grey cc vein, weakly foliated at 70° to core axis. UC & LC: at 70° to core axis. LC: Brecciated.			
221.80	222.40				B
		mod BC, strg perv lim alt'n			
		STRUCTURE: Moderately broken core, angular fragments, strong pervasive limonite alteration to host rock, gradational margins.			
240.30	240.40				C
		Foliated white to grey cc vein at 80° to core axis, 7 cm wide.			
240.40	240.70				B
		mod BC			
		STRUCTURE: Moderately broken core, angular fragments with moderate limonite to irregular fracture surfaces.			
256.40	258.00				C
		20% yellowish to greyish cc veins. Average 6 cm wide from 50° to 70° to core axis.			
263.50	263.50				C
		2 cm foliated cc • chl vein at 70° to core axis.			
270.50	270.60				C
		8 cm yellowish to greyish cc vein at 70° to core axis.			
288.30	288.50				C
		Moderate foliated zone cc + chl + Fe-carb - at 60° to core axis.			
289.80	290.20				C
		35 cm cc + chl vein- moderately foliated at 80° to core axis.			
290.20	722.38	BdT	fT	bdd	A
		gry-grn arg+wackes			
		LITHOLOGOY: Dark grey to light grey-green bedded argillites and fine sand sized wackes. Bedding from <1mm to 10mm. Fine regular laminations. STRUCTURE: Weak brecciated cc +/- chl annealed, locally strong brecciated, disrupted bedding. ALTERATION: Moderate patchy chl, weak patchy cc (1% cc veining). MINERALIZATION: Trace po fine irregular fracture fill with cc+/- chl, occasional dissem bleb. Trace py fine irregular fracture fill and fine dissem. LC: EOH.			
293.10	293.10				C
		Bedding at 30°.			
297.20	297.20				C
		Bedding at 30°.			
298.60	298.60				C
		Bedding at 30°.			
301.80	301.80				C
		Bedding at 30°.			
303.70	303.70				C
		Bedding at 30°.			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
306.90	312.70	Moderate to strongly disrupted bedding, brecciated, chl+/- cc annealed. UC: 10° ax + cc vein 1 cm wide. LC: Sharp at 40°.		C
312.80	312.80	Bedding at 15°.		C
318.10	318.10	Bedding at 30°.		C
318.50	320.00	Moderate breccia. Moderate to strongly disrupted bedding. Chl + cc annealed. UC + LC: Gradational.		C
321.00	321.00	Bedding subparallel to core axis.		C
324.00	324.00	Bedding subparallel to core axis.		C
326.50	326.80	Brecciated axinite + cc vein - may be exotic rock fragments. Note in box saying "rods dropped". May be vuggy vein.		C
328.10	328.10	Bedding at 30°.		C
331.30	331.30	Bedding subparallel to core axis.		C
332.30	332.30	Bedding 10° to core axis.		C
333.00	336.70	Moderately brecciated zone, chl + cc annealed. Bedding moderate to strongly disrupted. UC: Gradational. LC: 60° to core axis.		C
338.10	338.10	Bedding at 20°.		C
339.30	342.10	Ax + epi + cc + chl flooded zone approx 30% total.		C
339.80	339.80	Bedding at 60°.		C
342.30	343.50	*mod BC* STRUCTURE: Moderate broken core, angular fragments, almost a conchoidal fracture surface.		B
342.80	342.80	Bedding at 40°.		C
345.20	345.20	Bedding at 20°.		C

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
355.00	355.00			C
		Bedding at 35°.		
362.30	362.30			C
		Bedding at 10°.		
365.80	365.80			C
		Bedding subparallel to core axis.		
367.70	367.70			C
		Bedding at 5°.		
369.00	388.00			C
		There is an increase in chl + epi + cc alteration giving host rock a medium green "chlorite" altered colour.		
371.90	371.90			C
		Bedding at 30°.		
372.10	373.80			C
		Brecciated 20%-30% cc + ax + chl breccia matrix. Vuggy.		
373.80	374.70			B
		mod-strg BC, poss FZ		
		STRUCTURE: Moderate to strong broken core, angular fragments slightly ground, block in zone says "water lost", possible fault zone, possible friable, vuggy veining.		
374.70	380.30			C
		2% vuggy cc veins - hairline, random orientations, stockwork-like in nature.		
380.00	387.40			B
		mod Fe-carb alt'n, perv + vng		
		ALTERATION: Moderate pervasive Fe-carb alteration, strongest between 384.40 and 386.30 m, 3% Fe-carb veins average of 70° to core axis.		
387.70	387.85			B
		strg BC, 10% GO		
		STRUCTURE: Strong broken core semi-consolidated. 1.5 cm gouge seam at 30° to core axis.		
388.80	388.90			C
		10% epidote as slightly irregular veins at 35° to 40° to core axis.		
395.20	395.20			C
		Bedding at 60°.		
396.00	397.00			B
		wk-mod BC		
		STRUCTURE: Weak to moderately broken core, angular fragments with very angular, irregular fracture surfaces.		
398.70	398.70			C
		Bedding at 40°.		
400.80	401.00			B
		mod BC		
		STRUCTURE: Moderate broken core, very angular fragments, platey, shardy.		

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
401.70	401.80			C
		Breccia zone with <2cm angular fragments in cc matrix - 10% cc matrix, at approximately 80° to core axis with gradational margins.		
403.80	403.80			C
		Bedding at 15°.		
406.30	406.70			B
		wk-mod BC		
		STRUCTURE: Angular fragments, weak to moderate broken core, average fracture angle at 80° to core axis.		
407.50	407.50			C
		Bedding at 30°.		
419.20	419.20			C
		Bedding at 30°.		
422.00	450.00			C
		Light grey to black argillites. Gradational margins. Correlative to black argillite in MC94-201.		
424.30	424.30			C
		Bedding at 20°.		
429.70	430.00			B
		wk-mod BC		
		STRUCTURE: Weak to moderate broken core, angular fragments.		
431.40	431.40			C
		Bedding at 30°.		
432.60	432.60			C
		Bedding at 60°.		
434.95	434.95			C
		Bedding at 30°.		
436.50	436.50			C
		Bedding at 30°.		
438.05	440.30			B
		HFxl-BdT LT, gry-grn		
		LITHOLOGY: 90% HFxl - strongly altered, fragments to 3cm with somewhat irregular margins in medium grey to black fine grained matrix. Possibly intrusive "peperite". UC: 70°, 1.0 cm sheared cc + po vein at 70° to core axis. LC: 40°, 1-5 cm sheared cc vein. COMMENTS: Possibly a peperitic intrusion although the sediments bounding this unit look like they were lithified prior to intrusion i.e. bedding is intact and regular.		
440.30	440.75			C
		Brittly deformed, brecciated, cc annealed - possibly a result of the above volcanic unit.		
444.30	444.30			C
		Bedding 30°, wispy.		

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
446.00	447.30				C
		cg wacke, UC 30° LC 40° LITHOLOGY: Coarse grained wacke - 5% quartz fragments, round to subround to 5 mm, 10% lithic-fT fragments subround, 15 to 20% subround to subangular fsp grains (white) in grey-green matrix. Gets slightly coarser grained proximal to LC (4mm fT frags). UC: 2mm fT fragments. Axinite altered 446.50 to 446.80 m.			
448.50	448.50				C
		Bedding subparallel to core axis.			
449.50	449.50				C
		Subparallel bedding.			
450.00	450.00				C
		10-20% fine grained wacke layers - grey to green mudstones and fine grained wackes.			
453.40	453.40				C
		Bedding at 20°.			
455.00	455.00				C
		Bedding subparallel to core axis.			
458.70	458.80				C
		Foliated, wispy cc vein at 70° to core axis. Foliations from 60° to 90° to core axis.			
464.80	464.80				C
		Bedding subparallel to core axis.			
471.70	471.70				C
		Bedding at 15°.			
477.60	477.60				C
		Bedding at 10°.			
478.70	479.10				C
		5% cc, 10% quartz as breccia matrix. 1 cm foliated cc vein at 478.70m at 80° to core axis.			
482.20	482.20				C
		Bedding at 25°.			
483.70	483.70				C
		Bedding at 30°.			
485.50	485.50				C
		Foliated nose - obtuse to core axis (160°).			
488.00	488.00				C
		Bedding at 25°.			
493.60	493.60				C
		Bedding at 25°.			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier
497.90	497.90	Bedding at 20°.		C
500.70	500.70	Bedding at 15°.		C
503.30	504.10	Potential very fine grained intrusive with chl altered phenos <1mm euhedral in medium olive green very fine grained to aphanitic matrix. UC: 80° - sheared 0.5 cm cc vein. LC: Brecciated gradational into BdT. Possible crystal tuff with brecciated flow bottom??		C
506.70	506.70	Bedding at 20°.		C
508.20	510.30	Very fine grained crystal tuff (DAP: 503.30 to 504.10m) medium olive green aphanitic matrix with 15 to 20% fine chl altered lathy phenos predominantly <1mm. Possible flow. Crystal tuff. UC: At 50°. LC: 40° to core axis.		C
510.30	514.40	FHp, crystal tuff, flow? with 7-10% white fsps from 3 to 10 mm (chl to centers) as single, occasionally broken crystals and as occasional "snowflake-like" aggregates with green chl altered cores. 1-2% green hb? phenos to 5 mm lathy. Groundmass is aphanitic medium grey-green. LC: 60°? Gradational with finer grained phenos to 3mm and UC is 40° with a 1 cm bleached chilled margin into the crystal tuff unit and a 1mm foliated cc vein at 40°. Probably related to MC94-201 crystal tuff from 380.60 to 682.40m. Looks very similar		C
514.40	517.60	DAP: 508.20 to 510.30m. Very fine grained olive green crystal tuff with brecciated "flow bottom" or contact brecciation, from 517.00 to 517.60 m.		C
517.60	520.30	Strongly disrupted bedding cc + po + py annealed. If above rock unit is a flow, possibly these sediments were brecciated due to the flow heating and breaking them.		C
517.60	553.20	Black to grey BdT-bedded argillites and fine wackes.		C
517.60	517.60	Moderate disrupted bedding, brittly deformed cc+chl+/-py annealed.		C
521.40	521.55	60% yellowish to greyish cc as matrix to weak brecciated.		C
522.40	522.60	LT with wackes fragments to 0.8 cm in black arg matrix. 20% fragments at 35° to core axis. Bedding 35° to core axis.		C
524.50	524.60	Yellowish to greyish cc vein . UC: At 30°. LC: At 60°.		C
526.10	526.10	Bedding at 30°.		C
530.50	530.60	10 cm yellowish to greyish cc vein at 80° to core axis.		C

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
531.00	536.20			B
		wk BC STRUCTURE: Weak broken core, angular core pieces to 15 cm ~ 15 fractures per metre locally more.		
538.80	538.80			C
		Bedding at 30°.		
543.60	543.60			C
		Bedding at 40°.		
544.20	543.00			B
		wk-mod BC STRUCTURE: Weak to moderate broken core angular fragments, dominant fracture angle 60° to core axis. Host rock weakly brecciated with cc annealing.		
546.80	548.00			B
		mod-strg BC, poss FZ STRUCTURE: Moderate to strongly broken core, angular fragments with irregular, rough fracture surfaces. Possible FZ: 60% recovery and trace gouge on bottom of box.		
548.50	548.60			B
		GO seam 55° to CA 1cm wide STRUCTURE: 1 cm wide gouge seam 55° to core axis along side a foliated, wispy cc vein at 55° to core axis, 1 cm wide.		
550.20	550.20			C
		Bedding at 40°.		
552.30	553.50			B
		wk-mod fol'd zone 60° to CA.mod BC STRUCTURE: Weak to moderately foliated zone with foliations dominantly at 60° to core axis, getting progressively stronger towards lower contact. Moderately broken core to 10 cm along core axis, from 553.20 to 553.50. Strong broken core.		
553.50	553.50			C
		Beige coloured fT, no distinct bedding, possibly very fine grained intrusive.		
556.70	558.30			C
		Moderate to strongly brecciated zone with 5% grey calcite as breccia matrix. UC: Sharp at 60°. LC: Sharp at 45°. Possibly contact breccia??		
558.90	560.20			C
		1% qtz + trem vns 35° to CA ALTERATION: 1 % quartz + tremolite veins at 35° to core axis, ~ 0.5 cm wide. Trace po associated with tremolite.		
560.50	560.50			C
		Bedding at 50°.		
560.90	562.60			C
		Moderately brecciated with 2% grey cc as breccia matrix. Gradational margins.		
567.80	567.80			C
		Bedding 5° to core axis.		

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
571.00	573.30				C
		Uniform textured, finely speckled rock - fT - possibly intrusive. UC: At 30°, 1cm cc vein. LC: 50° to core axis, vague.			
575.10	575.10				C
		Bedding at 35°.			
579.00	579.00				C
		Bedding subparallel to core axis.			
579.90	579.90				C
		Bedding 5° to core axis.			
586.10	586.10				C
		Bedding at 10°.			
586.80	586.80				B
		Stained piece for K-spar alt'n - mod to strong perv (4 out of 5).			
589.15	594.30				B
		mod-strg perv chl alt'd zone ALTERATION: Moderate to strong pervasive chl alteration zone with weak to moderate patchy epidote alteration. Sharp UC at 60° denoted by 1 cm wide white cc vein. LC: Broken core zone - gougy.			
594.30	594.50				B
		semi-consolidated rbl zone 60° to CA:FZ STRUCTURE: Semi-consolidated rubble zone approximately 5% gouge to fracture surfaces at 60° to core axis.			
595.30	595.30				C
		Bedding at 15°.			
595.50	600.80				C
		Possible fT, patchy bleaching to pale yellow-green colour, moderate brecciated, cc + chl + po annealed. Bedding vague, if any. UC: Sharp at 70° denoted by series of 2mm cc veins at 70° to core axis. LC: Gradational.			
602.30	602.30				C
		Bedding at 15°.			
602.80	603.50				B
		wk-mod BC STRUCTURE: Weak to moderate broken core, angular fragments.			
604.25	606.50				B
		mod chl alt'n, perv ALTERATION: Moderate pervasive chl alteration. UC: Sharp at 30°. LC: gradational, 1% vuggy cc veins to 60° to core axis average 3mm.			
607.80	607.80				C
		Bedding at 10°.			
613.90	613.90				C
		Bedding subparallel to core axis.			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
616.00	616.00			C
		Bedding 5° to core axis.		
621.80	621.80			C
		Bedding subparallel to core axis.		
623.90	624.70			B
		5% qtz + trem vns 5° to CA, 0.3 to 1.0 cm wide		
		ALTERATION: 5% quartz + trem veins 5° to core axis, 0.3 to 1.0 cm wide.		
625.90	626.00			C
		vuggy cc vn 70° to CA, 10 cm wide		
627.60	627.60			C
		Bedding at 10°.		
634.00	634.30			B
		mod BC		
		STRUCTURE: Moderate broken core, angular fragments, irregular, rough fracture surfaces.		
636.95	644.10			B
		AND dyke, porph, vesicular		
		LITHOLOGY: Medium grey green, fine grained porphyritic andesite dyke with 1-2% white lathy fsps to 2 mm • 1-2% green lathy hb phenos to 2mm. Trace to 1% cc filled vesicles to 3mm across in fine grained "salt and pepper" textured matrix with sharp gradational to aphanitic purple banded chilled margins. UC: At 40°. LC: At 5°, irregular from 642.80 to 644.10 m.		
647.80	648.00			B
		AND dyke		
		LITHOLOGY: DAP: 636.95 to 644.10m with UC at 50° to core axis and LC at 65° to core axis.		
650.20	650.20			C
		Bedding at 15°.		
651.80	651.80			C
		Bedding subparallel to core axis.		
654.70	655.10			B
		mod BC		
		STRUCTURE: Moderate broken core, angular fragments with vuggy cc to occasional fracture surfaces at 10° to core axis.		
655.90	655.90			C
		Bedding subparallel to core axis.		
657.00	660.50			C
		Possible strongly brecciated rehealed dyke margin or pepperite? There are zones of BdT to 15 cm and breccia or LT units with grading uphole, finer fragments at top of zones, also ~ 20 cm wide.		
662.10	664.50			B
		mod BC		
		STRUCTURE: Moderate broken core, angular fragments of grey BdT.		

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
663.90	663.90			C
		Bedding 10° to core axis.		
664.80	664.80			C
		Bedding subparallel.		
665.00	682.40			C
		Moderate to strong bleaching to pale yellow-beige, brecciated with bleached alteration halos to fractures. Textures somewhat indistinct.		
666.30	666.30			C
		Bedding at 30°.		
667.00	667.00			C
		Bedding subparallel to core axis.		
668.10	668.10			C
		Bedding at 35°.		
669.80	669.80			C
		Bedding 30°.		
673.50	674.00			B
		mod BC		
		STRUCTURE: Moderate broken core, angular fragments with rough fractures.		
675.50	675.50			C
		Bedding subparallel to core axis.		
680.90	680.90			C
		Trace axinite as fine irregular fracture fill with cc.		
681.30	681.30			C
		Bedding at 30°.		
687.90	687.90			C
		Bedding at 25°.		
687.90	689.50			B
		mod BC		
		STRUCTURE: Moderate broken core, angular fragments, dark green chl to fracture surfaces.		
691.40	691.40			C
		Bedding at 25°.		
694.10	694.10			C
		Bedding at 15°.		
696.00	696.00			C
		Bedding at 10°.		

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
699.10	699.10			C
		Bedding subparallel to core axis.		
702.00	702.00			C
		Bedding at 20°.		
703.40	703.40			C
		Bedding at 25°.		
703.90	704.80			B
		mod BC		
		STRUCTURE: Moderate broken core, angular fragments with rough fracture surfaces.		
705.80	712.20			C
		Moderate to strong bleaching to yellow-beige, strong brecciation with dark chl annealing the fractures.		
709.60	709.60			C
		3cm vuggy cc vein at approximately 40° to core axis, wavy irregular.		
714.10	714.10			C
		Bedding at 25°.		
716.50	720.60			C
		Moderate to strong bleaching to greenish-beige (strong chl and ser alteration) moderate brecciation with chl annealed fractures.		
717.95	718.20			C
		25 cm grey cc vein at 70° to core axis. First 3 cm moderately foliated at 70° to core axis.		
721.00	722.38			B
		mod BC		
		STRUCTURE: Moderately broken core, angular fragments.		
722.38	722.38	EOH		A

Lac Minerals Ltd.
Red Mountain
LAC

DRILL LOG
MINERALIZATION & SAMPLING

MC94-202

Lengths measured in meters

Logged by: Christine Swanson / /
Checked by: / /

Northing	2,284.123	Length	722.38
Easting	4,823.943	Azimuth	090.0
Elevation	1,749.780	Dip	-70.0

MC94-202

MINERALIZATION

From	To	Aspy	Cpy	Galena	Py	Po	Sph						
4.00	5.00				0.5								
19.00	20.00				0.5								
36.00	37.00				0.5								
0.00	0.00												
54.00	55.00				0.5								
71.00	72.00				0.5								
80.00	81.00				0.5								
93.00	94.00				1.0	1.0							
94.00	95.00				1.0	1.0							
95.00	96.00				1.0	1.0							
96.00	97.00				1.0	1.0							
97.00	98.00				1.0	2.0							
98.00	99.00				1.0	2.0							
99.00	100.00				1.0	2.0							
100.00	101.00				1.0	1.0							
101.00	102.00				1.0	1.0							
102.00	103.00				1.0	2.0							
103.00	104.00				1.0	2.0							
104.00	105.00				1.0	2.0							

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC37437	A I W	BdT-green cherty seds bx'd-tr py fiff with chl halos
RMC37438	A I W	BdT-green cherty seds bx'd-tr py fiff with chl halos
RMC37439	A I W	BdT-grey cherty seds bleached-patchy-Fe-carb ff tr py fiff + f dissem
RMC37440	A I	Standard #3
RMC37441	A I W	BdT-green cherty seds tr py fiff
RMC37442	A I W	BdT-green cherty seds tr py fiff
RMC37443	A I W	BdT-grey cherty seds altered 1% py fiff
RMC37444	A I W	"Garfield's Flow" 1% py fiff +f dissem 1% po fiff + f dissem
RMC37445	A I	"Garfield's Flow" 1% py fiff +f dissem 1% po fiff + f dissem
RMC37446	A I	"Garfield's Flow" 1% py fiff +f dissem 1% po fiff + f dissem
RMC37447	A I	"Garfield's Flow" 1% py fiff +f dissem 1% po fiff + f dissem
RMC37448	A I	"Garfield's Flow" 1% py fiff +f dissem 2% po fiff + f dissem
RMC37449	A I	"Garfield's Flow" 1% py fiff +f dissem 2% po fiff + f dissem
RMC37450	A I	"Garfield's Flow" 1% py fiff +f dissem 2% po fiff + f dissem
RMC37451	A I	"Garfield's Flow" 1% py fiff +f dissem 1% po fiff + f dissem
RMC37452	A I	"Garfield's Flow" 1% py fiff +f dissem 1% po fiff + f dissem
RMC37453	A I	"Garfield's Flow" 1% py fiff +f dissem 2% po fiff + f dissem
RMC37454	A I W	"Garfield's Flow" 1% py fiff +f dissem 2% po fiff + f dissem
RMC37455	A I W	HFBp, bleached whitish sucrosic texture, 1% py fiff + f dissem,

rev3100893

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

17/04/95

MINERALIZATION / SAMPLING

From	To						SampleID	Type(s)*	DESCRIPTION
									2% po fiff + f dissem
105.00	106.00		0.2		1.0	2.0	RMC37456	A I	1% py, 2% po tr cpy with po
106.00	107.00				1.0	2.0	RMC37457	A I	1% py, 2% po
107.00	108.00				1.0	1.0	RMC37458	A I	1% py, 1% po
108.00	109.00				1.0	1.0	RMC37459	A I W	1% py, 1% po in HFBp
0.00	0.00						RMC37460	A I	Standard #1
131.00	132.00				1.0	1.0	RMC37461	A I W	HFBp,1% py fiff+f dissem 1% po fiff + f dissem
133.00	134.00				2.0	2.0	RMC37463	A I	HFBp, 2% py fiff + f dissem 2% po fiff + f dissem
134.00	135.00				1.0	1.0	RMC37464	A I	HFBp,1% py fiff+f dissem 1% po fiff + f dissem
155.00	156.00				2.0	0.5	RMC39956	A I W	contact. HFp w/ grn fT (poss seds) intrusive contact. 2% py fiff + f dissem, tr po as wispy blebs. Contact at 155.40
171.00	172.00				1.0	2.0	RMC37466	A I W	HFBp, 1% py, 2% po fiff + f dissem
189.00	190.00				1.0	2.0	RMC37467	A I W	HFBp 1% py, 2% po fiff + f dissem, Fe-carb alt'd
205.00	206.00				1.0		RMC37468	A I W	HFxl-BdT ALT - ax + chl + cc + blk trm alt'd 1% py fiff + f dissem
227.00	228.00				0.5	0.5	RMC37469	A I W	HFxl-BdT ALT - ax + chl + cc + blk trm alt'd tr po, tr py
250.00	251.00				0.5	0.5	RMC37470	A I W	HFxl-BdT ALT - ax + chl + cc + blk trm alt'd, tr po, tr py
269.00	270.00				0.5	0.5	RMC37471	A I W	HFxl-BdT ALT - ax + chl + cc + blk trm alt'd, tr po, tr py
292.00	293.00					0.2	RMC37472	A I W	BdT - dark grey to light grey-green, tr po with cc veins
313.00	314.00				0.2	0.2	RMC37473	A I W	BdT - dark grey to light grey-green, tr po with cc veins, cherty
369.00	370.00				0.2	0.2	RMC37476	A I W	BdT - dark grey to light grey-green, tr po with cc veins tr py
384.00	385.00				0.5		RMC37477	A I W	BdT - dark grey to light grey-green, Fe-carb altered - 2% veining
403.00	404.00					1.0	RMC37478	A I W	BdT - dark grey to green, cherty, 1% po, blebby ff.
424.00	425.00				0.5		RMC37479	A I W	BdT - dark grey argillite, tr po f dissem
0.00	0.00						RMC37480	A I	Standard #3
462.00	463.00				0.2		RMC37482	A I W	BdT - med grey, cherty, tr py fiff
483.00	484.00				0.5		RMC37483	A I W	BdT - light to med beige-grey 30% ash tuff layers/wackes tr po f dissem
502.00	503.00				0.5		RMC37484	A I W	BdT - chl alt'd & light to med beige-grey 30% ash tuff layers/wackes tr po f dissem

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MC94-202

MINERALIZATION

SAMPLING

From	To						SampleID	Type(s)*	DESCRIPTION
515.00	516.00		0.2		0.5	1.0	RMC37485	A I W	vfg HFxl?? flow - olive green, 1% po, tr cpy fiff, tr py fiff
516.00	517.00				0.5	1.0	RMC37486	A I	vfg HFxl?? flow - olive green, 1% po, tr py fiff
517.00	518.00				1.0	0.2	RMC37487	A I	contact zone, 1% py, tr po
518.00	519.00				1.0	0.2	RMC37488	A I	black BdT - 1% py tr po fiff
519.00	520.00				1.0	0.2	RMC37489	A I	black BdT - 1% py tr po fiff
520.00	521.00				1.0	0.2	RMC37490	A I W	black BdT - 1% py tr po fiff
521.00	522.00				1.0	0.2	RMC37491	A I	black BdT - 1% py tr po fiff
522.00	523.00				1.0	0.2	RMC37492	A I	black BdT - 1% py tr po fiff
523.00	524.00				1.0	0.2	RMC37493	A I	black BdT - 1% py tr po fiff
524.00	525.00				1.0	0.2	RMC37494	A I	black BdT - 1% py tr po fiff
525.00	526.00				1.0	0.2	RMC37495	A I	black BdT - 1% py tr po fiff
537.00	538.00				1.0	0.5	RMC37496	A I W	black to grey BdT bx'd 1% py, tr po fiff + f dissem
555.00	556.00				1.0		RMC37497	A I W	fT - beige, bx'd cc annealed 1% fiff
576.00	577.00				0.5		RMC37498	A I W	beige BdT, tr py ff
596.00	597.00				0.5	0.5	RMC37499	A I W	light green-yellow fT, epi alt'd, tr py, tr po fiff
0.00	0.00						RMC37500	A I	Standard #3
604.50	605.50				0.5		RMC30884	A I W	strong chl alt'n, perv tr py f dissem
621.00	622.00				0.5		RMC30885	A I W	beige fT, tr po + ax ff
638.00	639.00				0.2		RMC30886	A I W	AND dyke, tr f dissem po
651.00	652.00				0.2		RMC30887	A I W	beige BdT - tr po fiff
668.00	669.00				0.2		RMC30888	A I W	bleached yellow-beige strong brecciated BdT, tr po fiff
678.00	679.00				0.5		RMC30889	A I W	bleached yellow-beige, moderately bx'd, tr po, fiff
684.00	685.00				0.2	0.2	RMC30890	A I W	BdT - grey, bx'd with alt'n halos to fractures 0.5 cm wide tr po, tr py fiff
702.00	703.00				0.2	0.2	RMC30891	A I W	BdT - grey, bx'd with alt'n halos to fractures 0.5 cm wide tr po, tr py fiff
719.00	720.00				0.2	0.2	RMC30892	A I W	BdT - grey, bx'd with alt'n halos to fractures 0.5 cm wide tr po, tr py fiff
331.00	332.00					0.2	RMC37474	A I W	BdT - dark grey to light grey-green, tr po with cc veins, cherty

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MINERALIZATION | SAMPLING

From	To													SampleID	Type(s)*	DESCRIPTION
349.00	350.00				0.2	0.2								RMC37475	A I W	BdT - dark grey to light grey-green, tr po with cc veins tr py
439.00	440.00				1.0									RMC37481	A I W	bx'd HFxl - intrusive? 1% po f dissem
132.00	133.00				1.0	1.0								RMC37462	A I	HFBp,1% py fiff+f dissem 1% po fiff + f dissem
109.00	110.00				1.0	2.0								RMC37028	A I	2% f dissem po w/ minor fiff, 1% py as fiff and f dissem
110.00	111.00				3.0	2.0								RMC37029	A I	3% py predom conc b/w 110.5 and 110.7m as bx mx, 1-2% po f dissem and minor fiff
111.00	112.00				2.0	1.0								RMC37030	A I	2% py as fiff and f dissem , 1% po as fiff and f dissem
112.00	113.00				2.0	1.0								RMC37031	A I	2% py as fiff and f dissem , 1% po as fiff and f dissem
113.00	114.00				2.0	1.0								RMC37032	A I	2% py as fiff and f dissem , 1% po as fiff and f dissem
114.00	115.00				3.0	1.0								RMC37033	A I	2-3% py fiff and f dissem, 1% po fiff and f dissem
115.00	116.00				2.0	0.5								RMC37034	A I	2% py fiff and f dissem, tr po fiff and f dissem
116.00	117.00	0.5			2.0	1.0								RMC37035	A I	2% py, 1% po, fiff and f dissem, tr aspy as 0.5cm ff at 30° to CA w/ cc and minor chl or actinolite and blch'd alt'n halo
117.00	118.00				2.0	0.5								RMC37036	A I	2% py, tr po fiff and f dissem
118.00	119.00				2.0	1.0								RMC37037	A I	2% py, 1% po fiff and f dissem po w/ py as ff and w/ cc and cpy. The cc and cpy and po vns (+/- py) seem to x-cut the po vns w/ no cc and x-cut by the py vns. The po and py vns tend to oxidize quickly.
119.00	120.00				2.0	1.0								RMC37038	A I	2% py, 1% po fiff and f dissem po w/ py as ff and w/ cc and cpy. The cc and cpy and po vns (+/- py) seem to x-cut the po vns w/ no cc and x-cut by the py vns. The po and py vns tend to oxidize quickly.
120.00	121.00				2.0	0.5								RMC37039	A I	2% py, tr po fiff and f dissem
121.00	122.00				2.0	2.0								RMC37041	A I	2% py, po fiff and f dissem po conc as bx mx b/n 121.2 and 121.4m, po is oxidizing. 3% yellowish Fe-carb filled fracs (bx mx) w/ minor lim staining and alt'n to fracs
122.00	123.00				2.0	1.0								RMC37042	A I	2% py fiff and f dissem, 1% po as ff w/ cc and chl and py vns
0.00	0.00													RMC37040	A I	Standard #3
123.00	124.00				2.0	0.5								RMC37043	A I	1-2% py, fiff and f dissem, 0.5% po f dissem
124.00	125.00				2.0	0.5								RMC37044	A I	1-2% py, fiff and f dissem, with po in ff w/ cc and py

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MINERALIZATION

SAMPLING

From	To													SampleID	Type(s)*	DESCRIPTION
125.00	126.00					2.0	0.5							RMC37045	A I	1-2% py fiff and f dissem, tr po f dissem (to mafics)
126.00	127.00					2.0	0.5							RMC37046	A I	1-2% py fiff and f dissem, tr po f dissem (to mafics)
127.00	128.00					2.0	1.0							RMC37047	A I	1-2% py fiff and f dissem, 1% po f dissem and blebs and minor ff w/ chl and py and cc
128.00	129.00					2.0	0.5							RMC37048	A I	1-2% py fiff and f dissem, tr po f dissem and wkly conc along occasional fracs as alt'n halos (or part of an alt'n halo)
129.00	130.00					2.0	0.5							RMC37049	A I	1-2% py fiff and f dissem, tr po f dissem and wkly conc along occasional fracs as alt'n halos (or part of an alt'n halo)
130.00	131.00					2.0	1.0							RMC37050	A I	1-2% py fiff and f dissem, 1% po f dissem and wkly conc along fracs as alt'n halos
135.00	136.50					2.0	1.0							RMC39943	A I	HBp 1% po f dissem, 1-2% py fiff + f dissem
136.50	138.00					2.0	1.0							RMC39944	A I	HBp 1% po f dissem, 1-2% py fiff + f dissem w/ tr po assoc w/ qtz +cc+chl ff
138.00	139.50					2.0	1.0							RMC39945	A I	HBp w/ 1% po as f dissem + 2% py as fiff + f dissem
139.50	141.00					3.0	1.0							RMC39946	A I	HBp w/ 1% po as f dissem + 2% py as fiff + f dissem, w/0-3% py conc from 140.40 to 141.00 w/ axinite ff
141.00	142.50					2.0	1.0							RMC39947	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns- sulfides uaually as veins w/ assoc cc
142.50	144.00					2.0	1.0							RMC39948	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns- sulfides uaually as veins w/ assoc cc
144.00	145.50					2.0	1.0							RMC39949	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns- sulfides uaually as veins w/ assoc cc
145.50	147.00					2.0	1.0							RMC39950	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns- sulfides uaually as veins w/ assoc cc
147.00	148.50					2.0	1.0							RMC39951	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns- sulfides uaually as veins w/ assoc cc
148.50	150.00					2.0	1.0							RMC39952	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns- sulfides uaually as veins w/ assoc cc
150.00	151.50					2.0	1.0							RMC39953	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns- sulfides uaually as veins w/ assoc cc w/ stronger grn chl

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MINERALIZATION												SAMPLING		
From	To											SampleID	Type(s)*	DESCRIPTION
														alt'n
151.50	153.00				2.0	0.5						RMC39954	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns- sulfides uaually as veins w/ assoc cc (distinct grn chl color alt'n) 0.5% po as f dissem. (seems that the po disapears with an increase in chl).
153.00	154.00				2.0	0.5						RMC39955	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns- sulfides uaually as veins w/ assoc cc (distinct grn chl color alt'n) 0.5% po as f dissem. (seems that the po disapears with an increase in chl).
156.00	157.50				1.0	0.5						RMC39957	A I	grn fT, 1% py fiff + f dissem tr po f dissem
157.50	159.00				1.0	0.5						RMC39958	A I	contact of fT w/ lithic xtl tuff at 158.5m sheared. 1% py fiff + f dissem, tr po f dissem.
159.00	160.00				2.0	1.0						RMC39959	A I	lithic-xtl tuff, 1-2% py fiff + f dissem. tr to 1% po f dissem
160.00	161.00											RMC39961	A I	lithic-xtl tuff, lithic-xtl tuff, 1-2% py fiff + f dissem, tr to 1% po dissem
0.00	0.00											RMC39960	A I	Standard #3
161.00	162.00				2.0	0.5						RMC39962	A I	2% py, tr po as above
162.00	163.00				2.0	0.5						RMC39963	A I	3% py, tr po, as above
163.00	164.00				2.0	1.0						RMC39964	A I	3% py, tr po, as above
164.00	165.00				2.0	0.5						RMC39965	A I	2% py, tr po as above
165.00	166.00				2.0	1.0						RMC39966	A I	2% py, tr po, w/ 1% po at ctc w/ BdT 165.55m.
166.00	167.00				2.0	1.0						RMC39967	A I	2% py, 1% po as fiff + f dissem
167.00	168.00				1.0	1.0						RMC39968	A I	1% py, 1% po fiff + f dissem
168.00	169.00				1.0	1.0						RMC39969	A I	1% py, 1% po fiff + f dissem
169.00	170.00				1.0	2.0						RMC39970	A I	2% po as ff + wispy blebs tr to 1% py as fiff
170.00	171.00				0.5	2.0						RMC39971	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem
172.00	173.00				1.0	1.0						RMC39972	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem,m w/ 1% po
173.00	174.00				1.0	1.0						RMC39973	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem w/ mod perv DFe-carb alt'n

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MINERALIZATION

SAMPLING

From	To												SampleID	Type(s)*	DESCRIPTION
174.00	175.50				1.0	1.0							RMC39974	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem w/ mod perv Fe-carb alt'n
175.50	177.00	0.5			2.0	1.0							RMC39975	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem, 2% py w/ tr aspy as vns
177.00	178.50				2.0	1.0							RMC39976	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissemw/ no aspy and a FZ from 177.60 to 178.50m.
178.50	180.00				2.0	1.0							RMC39977	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem, no FZ but wk BC w/ lim to frc sfcs
180.00	181.50				2.0	1.0							RMC39978	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem, 3% py mo lim to BC frc sfcs
181.50	183.00				3.0	1.0							RMC39979	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem
0.00	0.00												RMC39980	A I	Standard #2
183.00	184.50				2.0	0.5							RMC39981	A I	2% py fiff + f dissem, tr po f dissem and wk Fe-carb alt'n
184.50	186.00				2.0	0.5							RMC39982	A I	2% py fiff + f dissem, tr po f dissem and wk Fe-carb alt'n
186.00	187.50				2.0	0.5							RMC39983	A I	2% py fiff + f dissem, tr po f dissem and wk Fe-carb alt'n
187.50	189.00				2.0	0.5							RMC39984	A I	2% py fiff + f dissem, tr po f dissem and wk Fe-carb alt'n

Lac Minerals Ltd.

Red Mountain
WOTAN
AV/JW

DRILL HOLE SAMPLE\ASSAY SUMMARY

MC94-202

Length measure: meters

Samples & Assays

From	To	Length	Sample ID	Type(s)*	Sample Description	MC94-202 Au† [gram/tonne]	Ag†	
0.00	0.00	0.00	RMC37440	A I	Standard #3	0.00	0.00	
0.00	0.00	0.00	RMC37460	A I	Standard #1	0.00	0.00	
0.00	0.00	0.00	RMC37480	A I	Standard #3	0.00	0.00	
0.00	0.00	0.00	RMC37500	A I	Standard #3	0.00	0.00	
0.00	0.00	0.00	RMC37040	A I	Standard #3	0.00	0.00	
0.00	0.00	0.00	RMC39960	A I	Standard #3	0.00	0.00	
0.00	0.00	0.00	RMC39980	A I	Standard #2	0.00	0.00	
4.00	5.00	1.00	RMC37437	A I W	BdT-green cherty seds bx'd-tr py fiff with chl halos	0.11	0.00	ETS
19.00	20.00	1.00	RMC37438	A I W	BdT-green cherty seds bx'd-tr py fiff with chl halos	0.09	0.00	ETS
36.00	37.00	1.00	RMC37439	A I W	BdT-grey cherty seds bleached-patchy-Fe-carb ff tr py fiff + f dissem	0.10	0.00	ETS
54.00	55.00	1.00	RMC37441	A I W	BdT-green cherty seds tr py fiff	0.02	0.00	ETS
71.00	72.00	1.00	RMC37442	A I W	BdT-green cherty seds tr py fiff	0.05	0.00	ETS
80.00	81.00	1.00	RMC37443	A I W	BdT-grey cherty seds altered 1% py fiff	0.02	0.00	ETS
93.00	94.00	1.00	RMC37444	A I W	"Garfield's Flow" 1% py fiff +f dissem 1% po fiff + f dissem	0.02	0.00	ETS
94.00	95.00	1.00	RMC37445	A I	"Garfield's Flow" 1% py fiff +f dissem 1% po fiff + f dissem	0.02	0.00	ETS
95.00	96.00	1.00	RMC37446	A I	"Garfield's Flow" 1% py fiff +f dissem 1% po fiff + f dissem	0.02	0.00	ETS
96.00	97.00	1.00	RMC37447	A I	"Garfield's Flow" 1% py fiff +f dissem 1% po fiff + f dissem	0.07	0.00	ETS
97.00	98.00	1.00	RMC37448	A I	"Garfield's Flow" 1% py fiff +f dissem 2% po fiff + f dissem	0.14	0.00	ETS
98.00	99.00	1.00	RMC37449	A I	"Garfield's Flow" 1% py fiff +f dissem 2% po fiff + f dissem	0.08	0.00	ETS
99.00	100.00	1.00	RMC37450	A I	"Garfield's Flow" 1% py fiff +f dissem 2% po fiff + f dissem	0.17	0.00	ETS
100.00	101.00	1.00	RMC37451	A I	"Garfield's Flow" 1% py fiff +f dissem 1% po fiff + f dissem	0.02	0.00	ETS
101.00	102.00	1.00	RMC37452	A I	"Garfield's Flow" 1% py fiff +f dissem 1% po fiff + f dissem	0.07	0.00	ETS
102.00	103.00	1.00	RMC37453	A I	"Garfield's Flow" 1% py fiff +f dissem 2% po fiff + f dissem	0.02	0.00	ETS
103.00	104.00	1.00	RMC37454	A I W	"Garfield's Flow" 1% py fiff +f dissem 2% po fiff + f dissem	0.11	0.00	ETS
104.00	105.00	1.00	RMC37455	A I W	HFBp, bleached whitish sucrosic	4.30	0.00	ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†	
					texture, 1% py fiff + f dissem, 2% po fiff + f dissem			
105.00	106.00	1.00	RMC37456	A I	1% py, 2% po tr cpy with po	0.77	0.00	ETS
106.00	107.00	1.00	RMC37457	A I	1% py, 2% po	0.50	0.00	ETS
107.00	108.00	1.00	RMC37458	A I	1% py, 1% po	3.78	0.00	ETS
108.00	109.00	1.00	RMC37459	A I W	1% py, 1% po in HFBp	2.37	0.00	ETS
109.00	110.00	1.00	RMC37028	A I	2% f dissem po w/ minor fiff, 1% py as fiff and f dissem	1.06	0.00	ETK
110.00	111.00	1.00	RMC37029	A I	3% py predom conc b/w 110.5 and 110.7m as bx mx, 1-2% po f dissem and minor fiff	8.00	0.00	ETK
111.00	112.00	1.00	RMC37030	A I	2% py as fiff and f dissem , 1% po as fiff and f dissem	0.39	0.00	ETK
112.00	113.00	1.00	RMC37031	A I	2% py as fiff and f dissem , 1% po as fiff and f dissem	0.71	0.00	ETK
113.00	114.00	1.00	RMC37032	A I	2% py as fiff and f dissem , 1% po as fiff and f dissem	2.26	0.00	ETK
114.00	115.00	1.00	RMC37033	A I	2-3% py fiff and f dissem, 1% po fiff and f dissem	0.58	0.00	ETK
115.00	116.00	1.00	RMC37034	A I	2% py fiff and f dissem, tr po fiff and f dissem	0.44	0.00	ETK
116.00	117.00	1.00	RMC37035	A I	2% py, 1% po, fiff and f dissem, tr aspy as 0.5cm ff at 30° to CA w/ cc and minor chl or actinolite and blch'd alt'n halo	0.92	0.00	ETK
117.00	118.00	1.00	RMC37036	A I	2% py, tr po fiff and f dissem	0.38	0.00	ETK
118.00	119.00	1.00	RMC37037	A I	2% py, 1% po fiff and f dissem po w/ py as ff and w/ cc and cpy. The cc and cpy and po vns (+/- py) seem to x-cut the po vns w/ no cc and x-cut by the py vns. The po and py vns tend to oxidize quickly.	0.51	0.00	ETK
119.00	120.00	1.00	RMC37038	A I	2% py, 1% po fiff and f dissem po w/ py as ff and w/ cc and cpy. The cc and cpy and po vns (+/- py) seem to x-cut the po vns w/ no cc and x-cut by the py vns. The po and py vns tend to oxidize quickly.	1.32	0.00	ETK
120.00	121.00	1.00	RMC37039	A I	2% py, tr po fiff and f dissem	0.71	0.00	ETK
121.00	122.00	1.00	RMC37041	A I	2% py, po fiff and f dissem po conc as bx mx b/n 121.2 and 121.4m, po is oxidizing. 3% yellowish Fe-carb filled fracs (bx mx) w/ minor lim staining and alt'n to fracs	0.44	0.00	ETK
122.00	123.00	1.00	RMC37042	A I	2% py fiff and f dissem, 1% po as ff w/ cc and chl and py vns	0.60	0.00	ETK
123.00	124.00	1.00	RMC37043	A I	1-2% py, fiff and f dissem, 0.5% po f	0.21	0.00	ETK

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†	
					dissem			
124.00	125.00	1.00	RMC37044	A I	1-2% py, fiff and f dissem, with po in ff w/ cc and py	0.17	0.00	ETK
125.00	126.00	1.00	RMC37045	A I	1-2% py fiff and f dissem, tr po f dissem (to mafics)	0.15	0.00	ETK
126.00	127.00	1.00	RMC37046	A I	1-2% py fiff and f dissem, tr po f dissem (to mafics)	0.16	0.00	ETK
127.00	128.00	1.00	RMC37047	A I	1-2% py fiff and f dissem, 1% po f dissem and blebs and minor ff w/ chl and py and cc	0.32	0.00	ETK
128.00	129.00	1.00	RMC37048	A I	1-2% py fiff and f dissem, tr po f dissem and wkly conc along occasional fracs as alt'n halos (or part of an alt'n halo)	0.14	0.00	ETK
129.00	130.00	1.00	RMC37049	A I	1-2% py fiff and f dissem, tr po f dissem and wkly conc along occasional fracs as alt'n halos (or part of an alt'n halo)	0.22	0.00	ETK
130.00	131.00	1.00	RMC37050	A I	1-2% py fiff and f dissem, 1% po f dissem and wkly conc along fracs as alt'n halos	0.24	0.00	ETK
131.00	132.00	1.00	RMC37461	A I W	HFBp,1% py fiff+f dissem 1% po fiff + f dissem	0.30	0.00	ETS
132.00	133.00	1.00	RMC37462	A I	HFBp,1% py fiff+f dissem 1% po fiff + f dissem	0.10	0.00	ETS
133.00	134.00	1.00	RMC37463	A I	HFBp, 2% py fiff + f dissem 2% po fiff + f dissem	16.26	0.00	ETS
134.00	135.00	1.00	RMC37464	A I	HFBp,1% py fiff+f dissem 1% po fiff + f dissem	0.28	0.00	ETS
135.00	136.50	1.50	RMC39943	A I	HBp 1% po f dissem, 1-2% py fiff + f dissem	0.18	0.00	ETL
136.50	138.00	1.50	RMC39944	A I	HBp 1% po f dissem, 1-2% py fiff + f dissem w/ tr po assoc w/ qtz +cc+chl ff	0.54	0.00	ETL
138.00	139.50	1.50	RMC39945	A I	HBp w/ 1% po as f dissem + 2% py as fiff + f dissem	0.23	0.00	ETL
139.50	141.00	1.50	RMC39946	A I	HBp w/ 1% po as f dissem + 2% py as fiff + f dissem, w/0-3% py conc from 140.40 to 141.00 w/ axinite ff	0.08	0.00	ETL
141.00	142.50	1.50	RMC39947	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns-sulfides uaually as veins w/ assoc cc	0.14	0.00	ETL
142.50	144.00	1.50	RMC39948	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns-sulfides uaually as veins w/ assoc cc	0.22	0.00	ETL
144.00	145.50	1.50	RMC39949	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns-	0.45	0.00	ETL

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†
					sulfides uaually as veins w/ assoc cc		
145.50	147.00	1.50	RMC39950	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns-sulfides uaually as veins w/ assoc cc	0.13	0.00 ETL
147.00	148.50	1.50	RMC39951	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns-sulfides uaually as veins w/ assoc cc	0.17	0.00 ETL
148.50	150.00	1.50	RMC39952	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns-sulfides uaually as veins w/ assoc cc	0.23	0.00 ETL
150.00	151.50	1.50	RMC39953	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns-sulfides uaually as veins w/ assoc cc w/ stronger grn chl alt'n	0.24	0.00 ETL
151.50	153.00	1.50	RMC39954	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns-sulfides uaually as veins w/ assoc cc (distinct grn chl color alt'n) 0.5% po as f dissem. (seems that the po disapears with an increase in chl).	0.12	0.00 ETL
153.00	154.00	1.00	RMC39955	A I	HBp 1% po as f dissem +2% py as fiff + f dissem, minor py+po vns-sulfides uaually as veins w/ assoc cc (distinct grn chl color alt'n) 0.5% po as f dissem. (seems that the po disapears with an increase in chl).	0.14	0.00 ETL
155.00	156.00	1.00	RMC39956	A I W	contact. HFp w/ grn fT (poss seds) intrusive contact. 2% py fiff + f dissem, tr po as wispy blebs. Contact at 155.40	0.07	0.00 ETL
156.00	157.50	1.50	RMC39957	A I	grn fT, 1% py fiff + f dissem tr po f dissem	0.04	0.00 ETL
157.50	159.00	1.50	RMC39958	A I	contact of fT w/ lithic xtl tuff at 158.5m sheared. 1% py fiff + f dissem, tr po f dissem.	0.03	0.00 ETL
159.00	160.00	1.00	RMC39959	A I	lithic-xtl tuff, 1-2% py fiff + f dissem. tr to 1% po f dissem	0.03	0.00 ETL
160.00	161.00	1.00	RMC39961	A I	lithic-xtl tuff, lithic-xtl tuff, 1-2% py fiff + f dissem, tr to 1% po dissem	0.02	0.00 ETL
161.00	162.00	1.00	RMC39962	A I	2% py, tr po as above	0.17	0.00 ETL
162.00	163.00	1.00	RMC39963	A I	3% py, tr po, as above	0.16	0.00 ETL
163.00	164.00	1.00	RMC39964	A I	3% py, tr po, as above	0.14	0.00 ETL
164.00	165.00	1.00	RMC39965	A I	2% py, tr po as above	0.05	0.00 ETL
165.00	166.00	1.00	RMC39966	A I	2% py, tr po, w/ 1% po at ctc w/ BdT 165.55m.	0.07	0.00 ETL
166.00	167.00	1.00	RMC39967	A I	2% py, 1% po as fiff + f dissem	0.24	0.00 ETL
167.00	168.00	1.00	RMC39968	A I	1% py, 1% po fiff + f dissem	0.13	0.00 ETL

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Samples & Assays

MC94-202

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†
168.00	169.00	1.00	RMC39969	A I	1% py, 1% po fiff + f dissem	0.02	0.00 ETL
169.00	170.00	1.00	RMC39970	A I	2% po as ff + wispy blebs tr to 1% py as fiff	0.02	0.00 ETL
170.00	171.00	1.00	RMC39971	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem	0.02	0.00 ETL
171.00	172.00	1.00	RMC37466	A I W	HFBp, 1% py, 2% po fiff + f dissem	0.02	0.00 ETS
172.00	173.00	1.00	RMC39972	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem,m w/ 1% po	0.02	0.00 ETL
173.00	174.00	1.00	RMC39973	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem w/ mod perv DFe-carb alt'n	0.02	0.00 ETL
174.00	175.50	1.50	RMC39974	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem w/ mod perv Fe-carb alt'n	0.02	0.00 ETL
175.50	177.00	1.50	RMC39975	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem, 2% py w/ tr aspy as vns	0.02	0.00 ETL
177.00	178.50	1.50	RMC39976	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissemw/ no aspy and a FZ from 177.60 to 178.50m.	0.03	0.00 ETL
178.50	180.00	1.50	RMC39977	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem, no FZ but wk BC w/ lim to frc sfcs	0.25	0.00 ETL
180.00	181.50	1.50	RMC39978	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem, 3% py mo lim to BC frc sfcs	0.11	0.00 ETL
181.50	183.00	1.50	RMC39979	A I	HBp, 2% po as wispy blebs tr to 1% py as fiff + f dissem	0.14	0.00 ETL
183.00	184.50	1.50	RMC39981	A I	2% py fiff + f dissem, tr po f dissem and wk Fe-carb alt'n	0.23	0.00 ETL
184.50	186.00	1.50	RMC39982	A I	2% py fiff + f dissem, tr po f dissem and wk Fe-carb alt'n	0.02	0.00 ETL
186.00	187.50	1.50	RMC39983	A I	2% py fiff + f dissem, tr po f dissem and wk Fe-carb alt'n	0.02	0.00 ETL
187.50	189.00	1.50	RMC39984	A I	2% py fiff + f dissem, tr po f dissem and wk Fe-carb alt'n	0.02	0.00 ETL
189.00	190.00	1.00	RMC37467	A I W	HFBp 1% py, 2% po fiff + f dissem, Fe-carb alt'd	0.02	0.00 ETS
205.00	206.00	1.00	RMC37468	A I W	HFxl-BdT ALT - ax + chl + cc + blk trm alt'd 1% py fiff + f dissem	0.03	0.00 ETS
227.00	228.00	1.00	RMC37469	A I W	HFxl-BdT ALT - ax + chl + cc + blk trm alt'd tr po, tr py	0.02	0.00 ETS
250.00	251.00	1.00	RMC37470	A I W	HFxl-BdT ALT - ax + chl + cc + blk trm alt'd, tr po, tr py	0.02	0.00 ETS
269.00	270.00	1.00	RMC37471	A I W	HFxl-BdT ALT - ax + chl + cc + blk trm alt'd, tr po, tr py	0.02	0.00 ETS
292.00	293.00	1.00	RMC37472	A I W	BdT - dark grey to light grey-green, tr	0.02	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†
					po with cc veins		
313.00	314.00	1.00	RMC37473	A I W	BdT - dark grey to light grey-green, tr po with cc veins, cherty	0.02	0.00 ETS
331.00	332.00	1.00	RMC37474	A I W	BdT - dark grey to light grey-green, tr po with cc veins, cherty	0.02	0.00 ETS
349.00	350.00	1.00	RMC37475	A I W	BdT - dark grey to light grey-green, tr po with cc veins tr py	0.02	0.00 ETS
369.00	370.00	1.00	RMC37476	A I W	BdT - dark grey to light grey-green, tr po with cc veins tr py	0.02	0.00 ETS
384.00	385.00	1.00	RMC37477	A I W	BdT - dark grey to light grey-green, Fe-carb altered - 2% veining	0.02	0.00 ETS
403.00	404.00	1.00	RMC37478	A I W	BdT - dark grey to green, cherty, 1% po, blebby ff.	0.04	0.00 ETS
424.00	425.00	1.00	RMC37479	A I W	BdT - dark grey argillite, tr po f dissem	0.02	0.00 ETS
439.00	440.00	1.00	RMC37481	A I W	bx'd HFxl - intrusive? 1% po f dissem	0.03	0.00 ETS
462.00	463.00	1.00	RMC37482	A I W	BdT - med grey, cherty, tr py fiff	0.02	0.00 ETS
483.00	484.00	1.00	RMC37483	A I W	BdT - light to med beige-grey 30% ash tuff layers/wackes tr po f dissem	0.03	0.00 ETS
502.00	503.00	1.00	RMC37484	A I W	BdT - chl alt'd & light to med beige-grey 30% ash tuff layers/wackes tr po f dissem	0.02	0.00 ETS
515.00	516.00	1.00	RMC37485	A I W	vfg HFxl?? flow - olive green, 1% po, tr cpy fiff, tr py fiff	0.02	0.00 ETS
516.00	517.00	1.00	RMC37486	A I	vfg HFxl?? flow - olive green, 1% po, tr py fiff	0.02	0.00 ETS
517.00	518.00	1.00	RMC37487	A I	contact zone, 1% py, tr po	0.02	0.00 ETS
518.00	519.00	1.00	RMC37488	A I	black BdT - 1% py tr po fiff	0.16	0.00 ETS
519.00	520.00	1.00	RMC37489	A I	black BdT - 1% py tr po fiff	0.08	0.00 ETS
520.00	521.00	1.00	RMC37490	A I W	black BdT - 1% py tr po fiff	0.10	0.00 ETS
521.00	522.00	1.00	RMC37491	A I	black BdT - 1% py tr po fiff	0.08	0.00 ETS
522.00	523.00	1.00	RMC37492	A I	black BdT - 1% py tr po fiff	0.07	0.00 ETS
523.00	524.00	1.00	RMC37493	A I	black BdT - 1% py tr po fiff	0.03	0.00 ETS
524.00	525.00	1.00	RMC37494	A I	black BdT - 1% py tr po fiff	0.02	0.00 ETS
525.00	526.00	1.00	RMC37495	A I	black BdT - 1% py tr po fiff	0.03	0.00 ETS
537.00	538.00	1.00	RMC37496	A I W	black to grey BdT bx'd 1% py, tr po fiff • f dissem	0.02	0.00 ETS
555.00	556.00	1.00	RMC37497	A I W	fT - beige, bx'd cc annealed 1% fiff	0.02	0.00 ETS
576.00	577.00	1.00	RMC37498	A I W	beige BdT, tr py ff	0.02	0.00 ETS
596.00	597.00	1.00	RMC37499	A I W	light green-yellow fT, epi alt'd, tr py, tr po fiff	0.02	0.00 ETS
604.50	605.50	1.00	RMC30884	A I W	strong chl alt'n, perv tr py f dissem	0.02	0.00 ETS
621.00	622.00	1.00	RMC30885	A I W	beige fT, tr po + ax ff	0.02	0.00 ETS
638.00	639.00	1.00	RMC30886	A I W	AND dyke, tr f dissem po	0.02	0.00 ETS
651.00	652.00	1.00	RMC30887	A I W	beige BdT - tr po fiff	0.02	0.00 ETS
668.00	669.00	1.00	RMC30888	A I W	bleached yellow-beige strong	0.02	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Samples & Assays

MC94-202

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†
					brecciated BdT, tr po fiff		
678.00	679.00	1.00	RMC30889	A I W	bleached yellow-beige, moderately bx'd, tr po, fiff	0.02	0.00 ETS
684.00	685.00	1.00	RMC30890	A I W	BdT - grey, bx'd with alt'n halos to fractures 0.5 cm wide tr po, tr py fiff	0.02	0.00 ETS
702.00	703.00	1.00	RMC30891	A I W	BdT - grey, bx'd with alt'n halos to fractures 0.5 cm wide tr po, tr py fiff	0.02	0.00 ETS
719.00	720.00	1.00	RMC30892	A I W	BdT - grey, bx'd with alt'n halos to fractures 0.5 cm wide tr po, tr py fiff	0.02	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Lac Minerals Ltd.
Red Mountain
LAC

DRILL LOG
DOWN-HOLE SURVEY

MC94-202

Lengths measured in meters

Logged by: Christine Swanson	/ /	Northing	2,284.123
Checked by:	/ /	Easting	4,823.943
		Elevation	1,749.780
		Length	722.38
		Azimuth	090.0
		Dip	-70.0

DOWN-HOLE SURVEYs

MC94-202

Depth	Dip°	Az°	Note
0.00	-68.00	099.00	
15.24	-68.00	099.00	
60.96	-67.00	091.00	
121.92	-64.00	094.50	
185.93	-63.00	101.00	
243.84	-63.00	096.50	
304.80	-62.50	100.50	
365.76	-62.00	093.00	
426.72	-62.50	094.00	
487.68	-62.00	102.00	
548.64	-62.50	113.00	
609.60	-62.50	099.00	
670.56	-62.50	114.50	
722.38	-64.00	099.00	

Lac Minerals Ltd.
Red Mountain

LAC

MC94-203

SUMMARY DRILL REPORT

Location Coordinates	
Northing	1,495.413
Easting	4,598.465
Elevation	1,965.480

Length & Collar Orientation	
Length	545.59
Azimuth	95.0
Dip	-60.0

Field Location	British Columbia	Lengths measured in meters	
Casing	1.52	Started	04/06/94
Core Size		Completed	13/06/94
Logged by	Scott Frostad	Logged	25/10/94
Checked by		Checked	/ /
Mx'n Zone	141		
Claim Group	ORO1		
Map Refer'ce	103P/13W		
Region	Skeena Mining Division		
Driller	JT Thomas		
Assayer	EcoTech Laboratories		

Comments

Condensed Log

MC94-203

Interval		Rock Type	Grain size	Modifier
0.00	1.52	Casing		
1.52	95.30	FHxl		
95.30	98.30	FZ 70% lost core, 20% rbl		
98.30	119.10	BdT blk, bdg 55°, 1% py		
119.10	131.90	BdT mod patchy porc, 1% py		
131.90	152.40	BdT wk patchy C-leach/porc,1% py		
152.40	152.60	FZ 20 cm oxid'd GO, 20°		
152.60	165.20	BdT wk patchy C-leach/porc, 2% po, 1% py		
165.20	166.70	Dyke med gry, fg, 5% 3mm hb, 35°		
166.70	171.10	BdT wk patchy C-leach, bdg 50°		
171.10	171.90	Dyke gry-grn, fg, 60°		
171.90	175.00	Dyke (gwke?)		
175.00	175.60	Dyke gry, fg, 35°		
175.60	186.00	BdT wk patchy C-leach, bdg 45°, 2% py		

Interval		Rock Type	Grain size	Modifier
186.00	187.60	Dyke grn-gry, fg, 70°		
187.60	220.20	BdT mod patchy C-leach, bd 35°, 2% po		
220.20	225.50	Dyke (FHxl?) grn-gry, fg, 60°		
225.50	232.90	BdT mod patchy C-leach, bdg 60°, 1% po		
232.90	235.40	FZ 60% lost core, 40 cm silt		
235.40	246.50	BdT mod patchy C-leach, bdg 65°, 2% py		
246.50	261.50	FHxl dk gry, 1% py		
261.50	262.80	BdT 4 cm carb/qtz/sph, 55°		
262.80	279.60	FHxl 3% py		
279.60	298.50	BdT strg C-leach,bdg 60°, 2% py, 1% po		
298.50	301.40	FHxl mod K-spar		
301.40	307.60	BdT strg C-leach, 1% py/po		
307.60	309.60	FHxl		
309.60	332.80	BdT mod C-leach, bdg 65°		
332.80	343.10	FHxl 1% py/po		
343.10	352.70	BdT mod C-leach, bdg 55°		
352.70	356.80	FHxl 2% patchy po		
356.80	373.60	BdT:fL graded bdg, 5% frags, 5% po		
373.60	386.30	FHxl		
386.30	404.00	BdT		
404.00	410.00	BdT? strg porc		
410.00	422.50	FHxl?		
422.50	450.00	FHxl (+BdT?) strg porc		
450.00	452.50	dyke grn speckled, 30°		
452.50	469.00	FHxl 5% py		
469.00	483.00	FH(Q)p		
483.00	526.60	FHxl 5% py		
526.60	528.00	FZ 40cm lost core, 40cm GO, 60°		

Interval		Rock Type	Grain size	Modifier
540.60	541.40	dyke 80 cm, grn, speckled, 55°		
541.40	545.59	FHxl 5% py		
545.59	545.59	EOH		
528.00	540.60	FHxl 5% py		

Lac Minerals Ltd.
Red Mountain
WOTAN
LAC **141**

DRILL LOG
GEOLOGY DESCRIPTION

MC94-203

Lengths measured in meters

Logged by:	Scott Frostad	25/10/94	Northing	1,495.413	Length 545.59
Checked by:		/ /	Easting	4,598.465	Dip -60.0
			Elevation	1,965.480	Az 95.0

Geology Description

MC94-203

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
0.00	1.52	Casing			A
1.52	95.30	FHxl			A
		LITHOLOGY: Moderate grey to greenish-grey, 50 to 55% white to whitish-green fsp crystals average size approximately 1mm, 7 to 8% black hb crystals, average size approximately 1 mm, rare lithic fragments, usually rounded, average size approximately 2 cm, H=5.1 (can just be barely scratched). ALTERATION: Weak pervasive ser alteration (green colour, slight softness), moderate K-spar? (not stained), axinite veins where noted. MINERALIZATION: Unmineralized to trace py and po. LC: Faulted contact with BdT.			
25.00	27.00				C
		ALTERATION: 5% to 7% axinite veins.			
28.70	29.00				C
		ALTERATION: 30 cm patch of siliceousness (porc?), associated with minor po fracture fill at 50°.			
43.50	76.50				B
		5-7% ax vns			
		ALTERATION: 5 to 7% axinite veins.			
71.60	72.00				C
		ALTERATION: 15 cm axinite vein, 25°.			
76.50	79.20				B
		blk, chl?			
		ALTERATION: Black, chl?; with alteration appears coarse grained, 5mm hb crystals seen, occasional lithic fragments. Is colouration due to C-leaching from nearby BdT?, H= 5.0			
86.00	86.30				C
		ALTERATION: Pale green, weak epidote?			
88.00	95.30				C
		ALTERATION: FHxl has become a dark grey colour.			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
95.30	98.30	FZ		A
		70% lost core, 20% rbl		
98.30	119.10	BdT		A
		blk, bdg 55°, 1% py		
		LITHOLOGY: Black, weakly bedded at 55°, occasional bands which are coarser grained and py rich (Dyke/greywacke, fine grained FHxl which ar black from sediments carbon?), H>5.2 ALTERATION: Unaltered, weak trm? MINERALIZATION: 1% dissem py, rare band of po. LC: Gradational.		
102.00	103.20			B
		two 20 cm dyke (gwke), 45°		
		LITHOLOGY: Two 20 cm Dyke (greywacke), 45°.		
106.00	110.50			B
		2% qtz (porc) ff		
		ALTERATION: 2% quartz (porc) fracture fill.		
118.70	118.80			B
		10 cm GO, 65°		
		STRUCTURE: 10 cm gouge, 65°.		
119.10	131.90	BdT		A
		mod patchy porc, 1% py		
		ALTERATION: Moderate patchy porc, 1% py. DAP: from 98.30to 119.10 m, but with moderate patchy porc alteration. MINERALIZATION: 1% dissem py, locally 1% po dissem and fracture fill. LC: Gradational.		
119.10	120.10			B
		grad'l ctc		
120.30	121.00			C
		STRUCTURE: 70 cm weakly broken core.		
124.00	125.00			B
		bdg, 45°		
		STRUCTURE: Bedding, 45°.		
127.10	127.30			C
		ALTERATION: 20 cm of very white (porc) quartz fracture fill.		
131.90	152.40	BdT		A
		wk patchy C-leach/porc,1% py		
		ALTERATION: Weak patchy C-leach/porc, 1% py. DAP: from 98.30 to 119.10 m but with weak patchy porc/C-leach. MINERALIZATION: 1 to 2% dissem py and fracture fill, rare po fracture fill. LC: Fault contact, 20°.		
131.90	131.90			B
		grad'l ctc		
140.50	141.00			B
		bdg, 45°		
		STRUCTURE: Bedding, 45°.		

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
144.50	146.80				B
		mod patchy porc ALTERATION: Moderate patchy porc.			
152.40	152.60	**FZ**			A
		20 cm oxid'd GO, 20° STRUCTURE: 20 cm oxidized gouge, 20°.			
152.60	165.20	**BdT**			A
		wk patchy C-leach/porc, 2% po, 1% py ALTERATION: Weak patchy C-leach/porc, 2% po, 1% py. DAP: from 131.90 m to 152.40 m. MINERALIZATION: 2% dissem po, 1% dissem py. LC: Sharp at 30°.			
159.00	160.00				B
		bdg , 60° STRUCTURE: Bedding, 60°.			
162.20	162.50				C
		LITHOLOGY: Medium green, irregular alteration? Contacts or a small dyke as described below.			
165.20	166.70	**Dyke**			A
		med gry, fg, 5% 3mm hb, 35° LITHOLOGY: Medium grey to slightly greenish-grey in the centre, very fine grained with 5 to 6% white euhedral hb? crystals with indistinct edges and average size approximately 3mm, H=4.7 ALTERATION: Strong chl alteration in centre, strong pervasive carb alteration towards LC. MINERALIZATION: 1% po fracture fill. LC: Due to carb alteration, difficult to determine, 40°?			
165.80	166.20				C
		ALETRATION: Strong peravsive chl, moderate carb.			
166.20	166.70				C
		ALTERATION: Strong pervasive carb.			
166.70	171.10	**BdT**			A
		wk patchy C-leach, bdg 50° ALTERATION: Weak patchy C-leach, bedding 50°. DAP: from 131.90 to 152.40 m. MINERALIZATION: 1% po blebs. LC: Sharp, very irregular.			
169.20	170.20				C
		LITHOLOGY: Slightly coarser than BdT, typical dyke (greywacke?)			
171.10	171.90	**Dyke**			A
		gry-grn, fg, 60° LITHOLOGY: Medium greenish-grey, very fine grained, H=5.1 MINERALIZATION: Unmineralized. LC: Sharp at 60°.			
171.90	175.00	**Dyke (gwke?)**			A
		LITHOLOGY: Black, coarser grained than typical BdT with 50% to 60% easily observed white fsp crystals approximately 1mm (fine grained FHxl with C?), H=5.1 MINERALIZATION: 3% dissem po and fracture fill, 0.5% dissem py. LC: Sharp at 35°.			
174.00	175.00				C
		LITHOLOGY: BdT (too small for A unit), upper contact at 45°.			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
175.00	175.60	**Dyke** *gry, fg, 35°* DAP: from 171.10 to 171.90 m but grey not green-grey. LC: Sharp but very irregular.		A
175.60	186.00	**BdT** *wk patchy C-leach, bdg 45°, 2% py* ALTERATION: Weak patchy C-leach, bedding 45°, 2% py. DAP: from 131.90 to 152.40 m. MINERALIZATION: 2% dissem py. LC: Sharp at 60°.		A
179.30	179.40	 ALTERATION: 10 cm quartz/carb vein, 40°.		C
181.00	181.10	 ALTERATION: 10cm qtz/carb vein, 40°		C
186.00	187.60	**Dyke** *grn-gry, fg, 70°* DAP: from 171.10 to 171.90 m. MINERALIZATION: Trace finely dissem py. LC: Sharp at 85°.		A
187.60	220.20	**BdT** *mod patchy C-leach, bd 35°, 2% po* ALTERATION: Moderate patchy C-leach, bed 35°, 2% po. DAP: from 131.90 to 152.40m, bedding 30° to 40°. The bleached (C-leached?) patches have a slightly greenish-grey colour distinguishing it from porc; could be FHxl dykletes?; weak to moderate K-spar (stained). MINERALIZATION: 1% dissem py and fracture fill, locally bands of po. LC: Sharp at 55°.		A
195.00	195.40	 *40 cm intense porc* ALTERATION: 40 cm intense porc.		B
195.50	196.00	 LITHOLOGY: 50 cm FHxl dykelet.		C
214.20	217.60	 *80% dyke (gwke?)* LITHOLOGY: 80% dyke (gwke?). DAP: from 171.90 to 175.00m.		B
220.20	225.50	**Dyke (FHxl?)** *grn-gry, fg, 60°* LITHOLOGY: Medium greenish-grey fine grained to medium grained, good chilled margins at contacts and coarser grained in centre evident through mottled texture, 5 to 6% balck mafics (hb) < 2mm H=5.1 ALTERATION: Weak K-spar (stained). MINERALIZATION: Umineralized. LC: Sharp at 60°.		A
221.30	223.00	 LITHOLOGY: BdT. Upper contact at 40°. Lower contact at 50 °.		C
225.50	232.90	**BdT** *mod patchy C-leach, bdg 60°, 1% po* DAP: from 131.90 to 152.40 m. MINERALIZATION: 1% py, 1% po. LC: Faulted contact.		A

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
230.50	232.40				C
		ALTERATION: 30% to 35% carb fracture fill within crackle brecciation zone.			
232.40	232.90				C
		LITHOLOGY: 50 cm dyke (gwke?).			
232.90	235.40	**FZ**			A
		60% lost core, 40 cm silt			
		STRUCTURE: 60% lost core, 40 cm silt; 40 cm silt at upper contact, 1.2m moderately broken core.			
235.40	246.50	**BdT**			A
		mod patchy C-leach, bdg 65°, 2% py			
		ALTERATION: Moderately patchy C-leach, bedding 65°, 2% py. DAP: from 131.90 m to 152.40 m. MINERALIZATION: 1 to 3% dissem py, locally with po fracture fill. LC: Sharp and irregular at approximately 80°.			
235.40	237.40				C
		STRUCTURE: Weak to modeartely broken core. ALTERATION: 5 to 6% yellowish carb fracture fill.			
237.00	239.00				B
		0.5% sph			
243.00	243.50				B
		40 cm modly BC, 10 cm rbl			
		STRUCTURE: 40 cm moderately broken core, 10 cm rubble.			
243.50	244.50				B
		4 cm po/py/carb, 55°			
244.30	245.80				C
		STRUCTURE: Weak to moderately broken core.			
246.50	261.50	**FHxl**			A
		dk gry, 1% py			
		LITHOLOGY: Dark grey to black in colour, very uniform in texture and coloru, easily observed 50 to 60% light grey fsp average size approximately 1 mm, 5 to 7% hb average 2 to3 mm in length, H=5.1 ALTERATION: Weak K-spar (staining), black is probably carbon. MINERALIZATION: <1% py fracture fill and dissem. LC: Faulted contact.			
246.50	246.50				B
		sharp, irreg ctc, 80°			
260.50	261.50				B
		10cm rbl @ ctc			
		STRUCTURE: 10cm rubble			
261.50	262.80	**BdT**			A
		4 cm carb/qtz/sph, 55°			
		DAP: from 131.90 to 152.40 m. LC: Sharp, defined by 1 cm carb vein, 55°.			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
262.80	279.60	**FHxl**			A
		3% py			
		DAP: from 246.50 m to 261.50 m. MINERALIZATION: 2 to 5% dissem py, po locally. LC: Sharp and irregular at 55°.			
267.70	271.70				B
		1% po			
271.70	272.70				B
		BdT, blk, 10% carb, 70°			
		LITHOLOGY: BdT, black, 10% carb. STRUCTURE: Upper contact, sharp at 65°. LC: Sharp at 70°.			
278.60	279.60				B
		sharp, irreg ctc, 70°			
279.60	298.50	**BdT**			A
		strg C-leach,bdg 60°, 2% py, 1% po			
		ALTERATION: strong C-leaching, bedding 60°, 2% py, 1% po LITHOLOGY: medium grey, 10% dark grey to black patches, bedding at 60°			
279.60	280.60				B
		4 cm po/py, 55°			
280.60	281.60				B
		2 cm po/cpy/qtz			
286.40	286.70				B
		20 cm modly BC			
		STRUCTURE: 20 cm moderately broken core.			
289.10	289.30				B
		10 cm GO, 55°			
		STRUCTURE: 10cm gouge, 55°. 10 cm moderately broken core.			
298.50	301.40	**FHxl**			A
		mod K-spar			
		DAP: from 246.50 to 261.50 m. MINERALIZATION: < 1% dissem py and fracture fill. LC: Sharp at 55°.			
301.40	307.60	**BdT**			A
		strg C-leach, 1% py/po			
		ALTERATION: strong C-leaching, 1% py/po LITHOLOGY: Light grey, 5 to 10% medium to dark grey patches, too bleached to determine if originally bedded; may contain some FHxl, but from above unit the FHxl is fairly coarse grained, H=5.1 MINERALIZATION: <1% dissem py and po. LC: Sharp at 75°.			
301.40	301.40				B
		sharp ctc, 55°			
307.60	309.60	**FHxl**			A
		DAP: from 246.5 m to 261.5 m. MINERALIZATION: 2% py fracture fill, 2% po fracture fill. LC: Very irregular with numerous small intrusive fingers.			
307.60	307.60				B
		sharp ctc, 75°			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier
309.60	332.80	**BdT** *mod C-leach, bdg 65°* ALTERATION: Moderate C-leach, bedding 65°. LITHOLOGY: Medium grey, locally dark grey to black, bedded at 60 to 70°, some slightly coarser grained sections than previously seen but not as coarse grained as the dyke (greywacke?) unit and with some obvious bedding. MINERALIZATION: 1% py, 1% po as fracture fill and dissem. LC: Sharp at 40°.		A
309.60	309.60	*irreg ctc*		B
332.80	343.10	**FHxl** *1% py/po* DAP: from 246.50 m to 261.50 but colour is now mainly medium grey with dark grey to black patches locally. ALTERATION: Moderate K-spar? (not stained). MINERALIZATION: <1% po and py as fracture fill and dissem. LC: Sharp at 60°, defined by 1 cm po/py vein.		A
332.80	332.80	*sharp ctc, 40°*		B
343.10	352.70	**BdT** *mod C-leach, bdg 55°* DAP: from 309.60m to 332.80 m. LC: Sharp at 55°.		A
343.10	343.10	*sharp ctc, 60°*		B
345.50	346.60	*20 cm py/po/sph/qtz, 60°*		B
347.30	347.80	LITHOLOGY: 50 cm FHxd, 70°.		C
347.80	349.00	*5% po stwk, tr cpy*		B
349.00	350.20	*70% qtz/carb*		B
350.20	352.70	*5% po stwk, tr cpy*		B
352.70	356.80	**FHxl** *2% patchy po* DAP: from 332.80 m to 343.10 m. MINERALIZATION: 1 to 2% patchy po. LC: Sharp and irregular.		A
352.70	352.70	*sharp ctc, 55°*		B
356.80	373.60	**BdT:fL** *graded bdg, 5% frags, 5% po* LITHOLOGY: Medium to dark grey in colour, fine to medium grained, medium grained sections with salt and pepper texture (30 to 35% fine white fsp crystals, 30 to 35% fine black mafics), way up apparently down hole - fine to medium grained with subangular BdT fragments (5% of unit, fL in size) to medium grained without fragments,		A

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
		bedding at 40° to 50°, H=5.1 ALTERATION: Weak patchy C-leach. MINERALIZATION: 1% dissem py and fracture fill, 5% po as fracture fill and along bedding. LC: Gradational.		
356.80	356.80			B
		sharp irreg ctc		
371.50	373.60			C
		LITHOLOGY: Apparently a mix of FHxl and BdT.		
373.60	386.30	**FHxl**		A
		DAP: from 332.80 m to 343.10 m. LC: Indistinct.		
373.60	379.50			B
		3% po, 1% py ff		
373.60	373.60			B
		grad'l ctc		
379.50	380.50			B
		5 mm qtz/carb/po/cpy		
380.50	381.50			B
		20 cm po/cpy/carb, 75°		
381.50	383.50			B
		2% py, 2% po, tr cpy/sph		
383.50	384.50			B
		9 cm po/py/sph, 70°		
384.50	386.30			B
		3% po stwk, 2% py ff		
386.30	404.00	**BdT**		A
		LITHOLOGY: Medium grey, fine grained, bedding only observed locally at various angles, apparently some fragments locally as well, may be some FHxl but unit appears fine grained throughout, H=5.1 ALTERATION: Weak pervasive C-leach. LC: Gradational.		
386.30	390.20			B
		5% po blebs,1% py, 0.5% cpy		
386.30	386.30			B
		indistinct ctc		
390.20	394.50			B
		3% po blebs, 2% py ff		
394.50	399.00			B
		3% po		

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
399.00	402.60			B
		3% po, tr cpy		
400.00	400.00			C
		STRUCTURE: Bedding, 60°.		
402.60	404.00			B
		25 cm po/cpy, 30°		
404.00	410.00	**BdT?**		A
		strg porc		
		ALTERATION: strong porc LITHOLOGY: Light to medium grey to white, too altered to determine original texture, but apparently fine grained, H>5.2 LC: Gradational.		
404.00	407.60			B
		5% po ff, 2% cpy		
407.60	408.60			B
		two 15, 15cm py/sph/cpy		
408.50	410.00			B
		3% po, tr cpy		
410.00	422.50	**FHxl?**		A
		LITHOLOGY: Medium grey to greenish-grey, glassy, coarse disseminated py and po probably replacing original minerals (therefore FHxl), original texture obliterated, H=5.0 ALTERATION: Weak pervasive porc?, weak pervasive ser, K-spar? LC: sharp, irregular		
410.00	414.60			B
		4% po ff, 2% py ff		
414.60	416.10			B
		two 10, 30 cm po/cpy, 60°		
416.10	422.50			B
		1% po, 0.5% py		
422.50	450.00	**FHxl (+BdT?)**		A
		strg porc		
		LITHOLOGY; Medium grey to greenish grey to white, locally very fine grained but greatest portion has FHxl appearance. Original texture obliterated. ALTERATION: 70% strong pervasive porc alteration, 30% weak ser alteration. LC: Sharp at 30°.		
422.50	423.50			B
		6 cm po, 65°		
422.50	432.50			C
		ALTERATION: Strong porc alteration.		
423.50	427.50			B
		7% vf po, 1% py		

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
427.50	429.50				B
		two 6, 7 cm po/py, 45°			
429.50	430.50				B
		15 cm po/py/cpy, 15°			
430.50	437.00				B
		3% po/cpy ff, 1% py			
432.50	439.80				C
		ALTERATION: Weak to moderate ser alteration.			
437.00	438.00				B
		6 mm po/py/cpy, 15°			
438.00	439.50				B
		5% po			
439.50	440.50				B
		4 cm po/py/qtz/carb/cpy, 15°			
439.80	450.00				C
		ALTERATION: Strong porc alteration.			
440.50	444.00				B
		5% po stwk, 1% py, tr cpy			
444.00	450.00				B
		3% po, 1% py			
450.00	452.50	**dyke**			A
		grn speckled, 30°			
		LITHOLOGY: Medium green, 7 to 8% prominant white fsp crystals average approximately 1 mm, 3 to 5% black mafic crystals approximately 1 mm. MINERALIZATION: Unmineralized. LC: Sharp at 30°.			
452.50	469.00	**FHxl**			A
		5% py			
		DAP: from 410.0 m to 422.50 m. LC: Sharp at 40°.			
453.30	456.00				C
		ALTERATION: Unit is black in colour.			
456.60	457.10				C
		ALTERATION: unit is black in colour			
465.10	465.30				C
		LITHOLOGY: 20cm black fine grained dyke, 75°			
469.00	483.00	**FH(Q)p**			A
		LITHOLOGY: Medium grey, glassy, mottled, 7 to 10% light grey remnants of hornblende crystals, average size approximately 2 mm, 3 to 5% round quartz eyes, average size approximately 4 mm, H> 5.1 ALTERATION: (not stained). MINERALIZATION: 5 to 7% dissem py and fracture fill. LC: Indistinct.			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
469.00	469.00			B
		sharp ctc, 40°		
483.00	526.60	**FHxl**		A
		5% py		
		DAP: from 410.00 m to 422.50m . MINERALIZATION: 5% to 7% dissem py and fracture fill.		
483.00	483.00			B
		indistinct ctc		
507.00	514.00			C
		ALTERATION: Moderate pervasive porcelanous alteration.		
513.90	514.00			B
		1 cm GO, 45°		
		STRUCTURE: 1 cm gouge, 45°.		
514.00	517.00			C
		ALTERATION: Moderate pervasive ser alteration.		
526.60	528.00	**FZ**		A
		40cm lost core, 40cm GO, 60°		
		STRUCTURE: 40 cm lost core, 40cm gouge, 60°		
528.00	540.60	**FHxl**		A
		5% py		
		DAP: from 410 to 422.5m LC: sharp at 50°		
540.60	541.40	**dyke**		A
		80 cm, grn, speckled, 55°		
		DAP: from 450.00m to 452.50 m. LC: Sharp at 60°.		
541.40	545.59	**FHxl**		A
		5% py		
		DAP: from 410.00 m to 422.50 m.		
542.60	542.80			B
		20 cm dyke, speckled, 30°		
		LITHOLOGY: 20cm dyke, speckled STRUCTURE: upper contact at 40°, lower contact at 20°		
545.59	545.59	**EOH**		A

Lac Minerals Ltd.
Red Mountain
LAC

DRILL LOG
MINERALIZATION & SAMPLING

MC94-203

Lengths measured in meters

Logged by: Scott Frostad	25/10/94		
Checked by:	/ /		

Northing	1,495.413	Length	545.59
Easting	4,598.465	Azimuth	095.0
Elevation	1,965.480	Dip	-60.0

MC94-203

MINERALIZATION

SAMPLING

From	To	Aspy	Cpy	Galena	Py	Po	Sph						SampleID	Type(s)*	DESCRIPTION
20.00	21.50												RMC37735	A I W	unmineralized
40.00	41.50												RMC37736	A I W	unmineralized
60.00	61.50				0.2								RMC37737	A I W	tr po ff
80.00	81.50				0.2								RMC37738	A I W	tr dissem py
98.30	99.80				1.0								RMC37739	A I W	1% py bands
0.00	0.00												RMC37740	A I	Standard #1
118.00	119.00				1.0								RMC37741	A I	10 cm GO, 65°, 1% py ff
121.00	122.00				0.5	1.0							RMC37742	A I W	1% dissem po & ff, 0.5% dissem py
139.00	140.50				1.0	1.0							RMC37743	A I W	1% py fiff, 1% po fiff
155.00	156.50					3.0							RMC37744	A I	3% dissem po & blebs
156.50	158.00					2.0							RMC37745	A I	2% dissem po & blebs
158.00	159.50					2.0							RMC37746	A I	2% dissem po & blebs
159.50	161.00				0.5	2.0							RMC37747	A I W	2% dissem po & blebs, 0.5% dissem py
161.00	162.50				0.5	2.0							RMC37748	A I	2% dissem po & blebs, 0.5% dissem py
172.50	173.50				0.5	3.0							RMC37749	A I	3% dissem po & ff, 0.5% dissem py
173.50	175.00				1.0	2.0							RMC37750	A I	2% dissem po & ff, 1% dissem py
185.00	186.00				1.0	2.0							RMC37751	A I W	2% dissem po & ff, 1% dissem py
192.50	193.50				0.5	2.0							RMC37752	A I	2% po bands, 0.5% py ff
193.50	194.50				0.5	2.0							RMC37753	A I	2% po bands, 0.5% py ff
199.50	201.00					3.0							RMC37754	A I	3% po stwk & dissem

rev31Oct92

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

17/04/95

MINERALIZATION

From	To												
203.00	204.50				2.0	2.0							
204.50	205.50					3.0							
205.50	206.50				1.0	2.0							
206.50	208.00				0.2	3.0							
210.50	211.50					3.0							
0.00	0.00												
213.50	214.50				1.0	2.0							
219.30	220.30				1.0	2.0							
224.30	225.50				2.0								
225.50	226.50				1.0	2.0							
226.50	228.00				2.0								
237.00	238.00				1.0		0.2						
238.00	239.00				2.0		0.5						
239.00	240.00				1.0	1.0							
240.00	241.00				0.2	1.0							
241.00	242.00			0.2	1.0		0.2						
242.00	243.30				2.0								
243.30	244.30				1.0	2.0							
244.30	245.50				1.0								
245.50	246.50				3.0								
258.50	260.00				2.0								
260.00	261.50				1.0	1.0							
261.50	262.80				2.0		0.2						
262.80	264.30				5.0								
264.30	265.50				5.0								
0.00	0.00												
265.50	266.50				3.0								
266.50	267.70				2.0								

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC37755	A I	2% py ff, 2% po ff
RMC37756	A I W	3% po along bdg, 45°
RMC37757	A I	2% po ff, 1% py ff
RMC37758	A I	3% dissem po & ff, tr dissem py
RMC37759	A I	3% dissem po along bdg, 45°
RMC37760	A I	Standard #3
RMC37761	A I	2% po stwk, 1% py ff
RMC37762	A I	2% po patches & dissem, 1% py ff
RMC37763	A I W	2% dissem py & ff
RMC37764	A I	2% dissem po & ff, 1% py ff
RMC37765	A I	2% dissem py
RMC37766	A I	1% dissem, tr sph
RMC37767	A I	2% py patch, 0.5% sph
RMC37768	A I	1% py, 1% po patch
RMC37769	A I	1% dissem po, tr dissem py
RMC37770	A I	1 cm sph/gal/carb, 1% dissem py
RMC37771	A I	2% dissem py
RMC37772	A I	4 cm po/py/carb, 55°
RMC37773	A I W	1% very fine dissem py
RMC37774	A I	3% py stwk & dissem
RMC37775	A I	2% py ff & dissem
RMC37776	A I	1% dissem py, 1% dissem po
RMC37777	A I	4 cm carb/qtz/sph, 55°, 2% py ff
RMC37778	A I	5% dissem py
RMC37779	A I	5% dissem py & ff
RMC37780	A I	Standard #1
RMC37781	A I W	3% py ff & dissem
RMC37782	A I	2% py ff & dissem

MINERALIZATION

From	To											
267.70	269.20				2.0	1.0						
269.20	270.70				2.0	1.0						
270.70	271.70				2.0	2.0						
271.70	272.70				2.0	1.0						
272.70	274.20				2.0							
279.60	280.60				3.0	3.0						
278.10	279.60				2.0	1.0						
280.60	281.60		0.2		1.0	3.0						
281.60	283.00				3.0	1.0						
283.00	284.00				1.0	1.0						
295.50	297.00				2.0	1.0						
297.00	298.50				2.0	1.0						
308.00	309.50				2.0	2.0						
326.00	327.50				2.0	5.0						
345.50	346.60				3.0	5.0	0.2					
346.60	347.80				1.0	0.5	0.2					
347.80	349.00		0.2			5.0						
0.00	0.00											
349.00	350.20				1.0							
350.20	351.20				2.0	5.0						
351.20	352.70		0.2			7.0						
355.30	356.80				3.0							
356.80	358.30					5.0						
358.30	359.80					5.0						
370.50	371.50				1.0	5.0						
369.00	370.50					5.0						
371.50	372.50		0.2		1.0	5.0						
372.50	373.50				1.0	5.0						

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC37783	A I	2% py ff & dissem, 1% dissem po
RMC37784	A I	2% py ff & dissem, 1% dissem po
RMC37785	A I	2% py ff & dissem, 2% po patches
RMC37786	A I	2% py blebs, 1% po blebs
RMC37787	A I	2% py blebs
RMC37789	A I	4 cm po/py, 55°, 1% py blebs
RMC37788	A I	2% py ff, 1% dissem po
RMC37790	A I	2cm po/cpy/qtz, irreg
RMC37791	A I W	3% patchy po, 1% py ff
RMC37792	A I	1% py ff,1% dissem po
RMC37793	A I	2% dissem py & ff, 1% dissem po
RMC37794	A I	2% dissem py & ff, 1% dissem po
RMC37795	A I W	2% py ff, 2% po ff
RMC37796	A I W	5% po ff, 2% py ff
RMC37797	A I	20 cm py/po/sph/qtz, 60°
RMC37798	A I W	1% py ff, 0.5% dissem po, tr sph
RMC37799	A I	5% po stwk & dissem, tr cpy
RMC37800	A I	Standard # 2
RMC37801	A I	70% qtz/carb, 1% py
RMC37802	A I	5% dissem po & blebs, 2% py ff
RMC37803	A I	7% po stwk, tr cpy
RMC37804	A I	3% patchy po & ff
RMC37805	A I	5% po bands & ff
RMC37806	A I	3% po ff, 2% py ff
RMC37808	A I	15 cm po band, 1% dissem py
RMC37807	A I W	5% dissem po along bdg, 45°
RMC37809	A I	5% dissem po along bedding, 40°, tr cpy
RMC37810	A I	5% po stwk, 1% py ff

MINERALIZATION

From	To												
373.50	375.00				1.0	3.0							
378.00	379.50				1.0	3.0							
379.50	380.50		0.2		0.5	3.0							
380.50	381.50												
381.50	382.50		0.2		2.0	3.0							
382.50	383.50				2.0	2.0	0.2						
383.50	384.50				2.0	7.0	0.5						
384.50	385.70				1.0	3.0							
385.70	387.20				2.0	2.0							
0.00	0.00												
387.20	388.70		0.2		2.0	5.0							
388.70	390.20		0.5			7.0							
390.20	391.70				2.0	3.0							
391.70	393.00				2.0	3.0							
393.00	394.50				2.0	2.0							
394.50	396.00				5.0								
396.00	397.50				3.0								
397.50	399.00					3.0							
399.00	400.50		0.5			5.0							
400.50	401.60		0.2			3.0							
414.60	416.10		0.5			15.0							
416.10	417.10				1.0	2.0							
417.10	418.50				0.5	1.0							
418.50	420.00				0.5	1.0							
420.00	421.50				0.5	1.0							
421.50	422.50				1.0	2.0							
422.50	423.50				1.0	7.0							
423.50	424.50					10.0							

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC37811	A I	3% dissem po & dissem, 1% py ff
RMC37812	A I	3% po ff & dissem, 1% py ff
RMC37813	A I	5 mm qtz/carb/po/cpy, 3% po ff
RMC37814	A I	20 cm po/cpy/carb, 75°
RMC37815	A I	3% dissem po & ff, 2% dissem cpy, trace cpy
RMC37816	A I	2% po ff, 2% py ff, tr sph
RMC37817	A I	9cm po/py/sph, 70°; 3% dissem po
RMC37818	A I	3% po stwk & dissem, 1% py ff
RMC37819	A I	2% py ff, 2% po ff & dissem
RMC37820	A I	Standard #1
RMC37821	A I	5% po ff, 2% py ff, tr cpy
RMC37822	A I	7% wispy po @ 35°, 0.5% cpy
RMC37823	A I W	3% po blebs & ff, 2% py ff
RMC37824	A I	3% po blebs & ff, 2% py ff
RMC37825	A I	2% py ff, 2% po ff & blebs
RMC37826	A I	5% dissem po & blebs
RMC37827	A I	3% dissem po & ff
RMC37828	A I	3% cg dissem po
RMC37829	A I	5% po stwk & dissem, 0.5% cpy
RMC37830	A I	3% dissem po & blebs, tr cpy
RMC37831	A I	two 10, 30 cm po/py veins, 60°
RMC37832	A I W	2% po ff, 1% py ff
RMC37833	A I	1% dissem po, 0.5% dissem py
RMC37834	A I	1% dissem po, 0.5% dissem py
RMC37835	A I	1% dissem po, 0.5% dissem py
RMC37836	A I	2% dissem po & ff, 1% py ff
RMC37837	A I	6 cm po, 65°; 5% dissem po
RMC37838	A I	10% dissem po & stwk

MINERALIZATION

SAMPLING

From	To						SampleID	Type(s)*	DESCRIPTION
424.50	425.50				1.0	7.0	RMC37839	A I	7% vf dissem po, 1% py ff
0.00	0.00						RMC37840	A I	Standard #3
425.50	426.50				1.0	7.0	RMC37841	A I	7% vf dissem po, 1% py ff
426.50	427.50				2.0	7.0	RMC37842	A I	7% dissem po & stwk, 2% py ff
427.50	428.50				3.0	10.0	RMC37843	A I	6 cm po/py, 45°; 7% po stwk, tr cpy
428.50	429.50		0.2		2.0	10.0	RMC37844	A I	7 cm po/py, 40°; 7& po stwk, tr cpy
429.50	430.50		0.5		2.0	20.0	RMC37845	A I	15 cm po/py/cpy, 15°; 7% po stwk
430.50	431.50		0.2		0.5	3.0	RMC37846	A I	3% dissem po & blebs, tr cpy
431.50	433.00		0.2		1.0	5.0	RMC37847	A I	5% po stwk & dissem, tr cpy
433.00	434.50				2.0	2.0	RMC37848	A I	2% py ff, 2% dissem po & ff
434.50	436.00		0.2		1.0	5.0	RMC37849	A I	5% po/cpy ff, 15°; 1% py ff
436.00	437.00		0.2		1.0	3.0	RMC37850	A I W	Standard #4
437.00	438.00		0.5		2.0	4.0	RMC37851	A I	6 mm, po/py/cpy, 15°
438.00	439.50				1.0	5.0	RMC37852	A I	5% mg dissem, 1% py ff
439.50	440.50		0.2		2.0	7.0	RMC37853	A I	4 cm po/py/qtz/carb/cpy, 15°
440.50	441.50		0.2		0.2	5.0	RMC37854	A I	5% po stwk & dissem, tr cpy
441.50	442.50		0.2		1.0	5.0	RMC37855	A I	5% po stwk & dissem, 1% py ff, tr cpy
442.50	444.00		0.2		1.0	7.0	RMC37856	A I	7% po stwk and dissem, 1% py ff, tr cpy.
444.00	445.50				3.0	2.0	RMC37857	A I	3% dissem & ff, 2% dissem po
445.50	446.50		0.5		1.0	5.0	RMC37858	A I	3% dissem po & ff, 1% py ff
446.50	447.50		0.5		1.0	5.0	RMC37859	A I	5% dissem po & stwk, 1% py ff, 0.5% cpy
0.00	0.00						RMC37860	A I	Standard #2
447.50	448.50				2.0	7.0	RMC37861	A I	7% vf dissem po, 2% py ff
448.50	450.00				2.0	2.0	RMC37862	A I	2% py ff & dissem, 2% dissem po
452.50	454.00				3.0	2.0	RMC37863	A I	3% dissem py & fracture fill, 2 % dissem po
454.00	455.30				3.0	1.0	RMC37864	A I	3% dissem py & ff, 1% dissem po
455.30	456.50				5.0	1.0	RMC37865	A I	5% dissem py & ff, 1% dissem po
456.50	457.50				2.0	5.0	RMC37866	A I W	4 cm po/qtz, 65° dissem po

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MINERALIZATION

From	To											
457.50	459.00				5.0	2.0						
459.00	460.50				3.0							
477.00	478.50				3.0							
497.00	498.50				5.0							
521.00	522.50				5.0							
544.00	545.60				5.0							
401.60	402.60		2.0			20.0						
402.60	403.60											
403.60	404.60		2.5			9.0	1.0					
0.00	0.00											
404.60	405.60		2.5			5.0						
405.60	406.60				1.0	3.0	0.5					
406.60	407.60		2.5		5.0	8.0						
407.60	408.60		0.5		35.0	1.0	2.5					
408.60	409.60		0.5			5.0						
409.60	410.60					3.0						
410.60	411.60					2.0						
411.60	412.60				0.2	3.0						
412.60	413.60				2.0	4.0						
413.60	414.60				2.0	4.0						

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC37867	A I	4 cm po/py, 75°, 5% dissem py & ff
RMC37868	A I	3% dissem py & ff
RMC37869	A I W	3% dissem py & ff
RMC37870	A I W	5% py ff & dissem
RMC37871	A I W	5% py ff & dissem
RMC37872	A I W	5% py ff & dissem
RMC30858	A I W	2% po iff
RMC30859	A I	30° sharp mineralization transition, foliated contact with 15-20% po as one 25 cm semimassive vein and irreg ff
RMC30861	A I	8-10% po, 2-3% cpy 1% sph as wispy iff
RMC30860	A I	Standard #2
RMC30862	A I	5% po, 2-3% cpy as wispy iff
RMC30863	A I	3% po, 1% py, 5% sph as wispy irreg ff
RMC30864	A I	7-8% po, 2-3% cpy as wispy iff + 5% py as irreg massive vein
RMC30865	A I	35% py, 2-3% sph as two 15 cm massive veins & f-cg iff
RMC30866	A I	5% po, < 1% cpy as wispy iff + mottled
RMC30867	A I	3% po as diffuse mottled texture
RMC30868	A I	2% po as diffuse mottled texture
RMC30869	A I	3% po diffuse mottled texture
RMC30870	A I	4% po, 2% py as iff
RMC30871	A I	4% po, 2% py diffuse mottling + irregular ff

Lac Minerals Ltd.

Red Mountain
WOTAN
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DRILL HOLE SAMPLE\ASSAY SUMMARY

MC94-203

Length measure: meters

Samples & Assays

MC94-203

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†	
0.00	0.00	0.00	RMC37740	A I	Standard #1	0.00	0.00	
0.00	0.00	0.00	RMC37760	A I	Standard #3	0.00	0.00	
0.00	0.00	0.00	RMC37780	A I	Standard #1	0.00	0.00	
0.00	0.00	0.00	RMC37800	A I	Standard # 2	0.00	0.00	
0.00	0.00	0.00	RMC37820	A I	Standard #1	0.00	0.00	
0.00	0.00	0.00	RMC37840	A I	Standard #3	0.00	0.00	
0.00	0.00	0.00	RMC37860	A I	Standard #2	0.00	0.00	
0.00	0.00	0.00	RMC30860	A I	Standard #2	0.00	0.00	
20.00	21.50	1.50	RMC37735	A I W	unmineralized	0.02	0.00	ETS
40.00	41.50	1.50	RMC37736	A I W	unmineralized	0.02	0.00	ETS
60.00	61.50	1.50	RMC37737	A I W	tr po ff	0.02	0.00	ETS
80.00	81.50	1.50	RMC37738	A I W	tr dissem py	0.02	0.00	ETS
98.30	99.80	1.50	RMC37739	A I W	1% py bands	0.02	0.00	ETS
118.00	119.00	1.00	RMC37741	A I	10 cm GO, 65°, 1% py ff	0.02	0.00	ETS
121.00	122.00	1.00	RMC37742	A I W	1% dissem po & ff, 0.5% dissem py	0.04	0.00	ETS
139.00	140.50	1.50	RMC37743	A I W	1% py fiff, 1% po fiff	0.02	0.00	ETS
155.00	156.50	1.50	RMC37744	A I	3% dissem po & blebs	0.02	0.00	ETS
156.50	158.00	1.50	RMC37745	A I	2% dissem po & blebs	0.02	0.00	ETS
158.00	159.50	1.50	RMC37746	A I	2% dissem po & blebs	0.02	0.00	ETS
159.50	161.00	1.50	RMC37747	A I W	2% dissem po & blebs, 0.5% dissem py	0.02	0.00	ETS
161.00	162.50	1.50	RMC37748	A I	2% dissem po & blebs, 0.5% dissem py	0.02	0.00	ETS
172.50	173.50	1.00	RMC37749	A I	3% dissem po & ff, 0.5% dissem py	0.02	0.00	ETS
173.50	175.00	1.50	RMC37750	A I	2% dissem po & ff, 1% dissem py	0.02	0.00	ETS
185.00	186.00	1.00	RMC37751	A I W	2% dissem po & ff, 1% dissem py	0.02	0.00	ETS
192.50	193.50	1.00	RMC37752	A I	2% po bands, 0.5% py ff	0.02	0.00	ETS
193.50	194.50	1.00	RMC37753	A I	2% po bands, 0.5% py ff	0.02	0.00	ETS
199.50	201.00	1.50	RMC37754	A I	3% po stwk & dissem	0.02	0.00	ETS
203.00	204.50	1.50	RMC37755	A I	2% py ff, 2% po ff	0.02	0.00	ETS
204.50	205.50	1.00	RMC37756	A I W	3% po along bdg, 45°	0.02	0.00	ETS
205.50	206.50	1.00	RMC37757	A I	2% po ff, 1% py ff	0.02	0.00	ETS
206.50	208.00	1.50	RMC37758	A I	3% dissem po & ff, tr dissem py	0.02	0.00	ETS
210.50	211.50	1.00	RMC37759	A I	3% dissem po along bdg, 45°	0.02	0.00	ETS
213.50	214.50	1.00	RMC37761	A I	2% po stwk, 1% py ff	0.03	0.00	ETS
219.30	220.30	1.00	RMC37762	A I	2% po patches & dissem, 1% py ff	0.02	0.00	ETS
224.30	225.50	1.20	RMC37763	A I W	2% dissem py & ff	0.02	0.00	ETS
225.50	226.50	1.00	RMC37764	A I	2% dissem po & ff, 1% py ff	0.02	0.00	ETS
226.50	228.00	1.50	RMC37765	A I	2% dissem py	0.02	0.00	ETS
237.00	238.00	1.00	RMC37766	A I	1% dissem, tr sph	0.02	0.00	ETS
238.00	239.00	1.00	RMC37767	A I	2% py patch, 0.5% sph	0.02	0.00	ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Samples & Assays

MC94-203

From	To	Length	Sample ID	Type(s)*		Sample Description	Au† [gram/tonne]	Ag†
239.00	240.00	1.00	RMC37768	A I		1% py, 1% po patch	0.02	0.00 ETS
240.00	241.00	1.00	RMC37769	A I		1% dissem po, tr dissem py	0.02	0.00 ETS
241.00	242.00	1.00	RMC37770	A I		1 cm sph/gal/carb, 1% dissem py	0.03	0.00 ETS
242.00	243.30	1.30	RMC37771	A I		2% dissem py	0.02	0.00 ETS
243.30	244.30	1.00	RMC37772	A I		4 cm po/py/carb, 55°	0.23	0.00 ETS
244.30	245.50	1.20	RMC37773	A I	W	1% very fine dissem py	0.03	0.00 ETS
245.50	246.50	1.00	RMC37774	A I		3% py stwk & dissem	0.02	0.00 ETS
258.50	260.00	1.50	RMC37775	A I		2% py ff & dissem	0.03	0.00 ETS
260.00	261.50	1.50	RMC37776	A I		1% dissem py, 1% dissem po	0.02	0.00 ETS
261.50	262.80	1.30	RMC37777	A I		4 cm carb/qtz/sph, 55°, 2% py ff	0.03	0.00 ETS
262.80	264.30	1.50	RMC37778	A I		5% dissem py	0.04	0.00 ETS
264.30	265.50	1.20	RMC37779	A I		5% dissem py & ff	0.03	0.00 ETS
265.50	266.50	1.00	RMC37781	A I	W	3% py ff & dissem	0.02	0.00 ETS
266.50	267.70	1.20	RMC37782	A I		2% py ff & dissem	0.02	0.00 ETS
267.70	269.20	1.50	RMC37783	A I		2% py ff & dissem, 1% dissem po	0.03	0.00 ETS
269.20	270.70	1.50	RMC37784	A I		2% py ff & dissem, 1% dissem po	0.03	0.00 ETS
270.70	271.70	1.00	RMC37785	A I		2% py ff & dissem, 2% po patches	0.06	0.00 ETS
271.70	272.70	1.00	RMC37786	A I		2% py blebs, 1% po blebs	0.04	0.00 ETS
272.70	274.20	1.50	RMC37787	A I		2% py blebs	0.02	0.00 ETS
278.10	279.60	1.50	RMC37788	A I		2% py ff, 1% dissem po	0.03	0.00 ETS
279.60	280.60	1.00	RMC37789	A I		4 cm po/py, 55°, 1% py blebs	0.20	0.00 ETS
280.60	281.60	1.00	RMC37790	A I		2cm po/cpy/qtz, irreg	0.03	0.00 ETS
281.60	283.00	1.40	RMC37791	A I	W	3% patchy po, 1% py ff	0.02	0.00 ETS
283.00	284.00	1.00	RMC37792	A I		1% py ff,1% dissem po	0.02	0.00 ETS
295.50	297.00	1.50	RMC37793	A I		2% dissem py & ff, 1% dissem po	0.03	0.00 ETS
297.00	298.50	1.50	RMC37794	A I		2% dissem py & ff, 1% dissem po	0.02	0.00 ETS
308.00	309.50	1.50	RMC37795	A I	W	2% py ff, 2% po ff	0.02	0.00 ETS
326.00	327.50	1.50	RMC37796	A I	W	5% po ff, 2% py ff	0.02	0.00 ETS
345.50	346.60	1.10	RMC37797	A I		20 cm py/po/sph/qtz, 60°	0.43	0.00 ETS
346.60	347.80	1.20	RMC37798	A I	W	1% py ff, 0.5% dissem po, tr sph	0.02	0.00 ETS
347.80	349.00	1.20	RMC37799	A I		5% po stwk & dissem, tr cpy	0.03	0.00 ETS
349.00	350.20	1.20	RMC37801	A I		70% qtz/carb, 1% py	0.03	0.00 ETS
350.20	351.20	1.00	RMC37802	A I		5% dissem po & blebs, 2% py ff	0.28	0.00 ETS
351.20	352.70	1.50	RMC37803	A I		7% po stwk, tr cpy	0.17	0.00 ETS
355.30	356.80	1.50	RMC37804	A I		3% patchy po & ff	0.02	0.00 ETS
356.80	358.30	1.50	RMC37805	A I		5% po bands & ff	0.26	0.00 ETS
358.30	359.80	1.50	RMC37806	A I		3% po ff, 2% py ff	0.05	0.00 ETS
369.00	370.50	1.50	RMC37807	A I	W	5% dissem po along bdg, 45°	0.03	0.00 ETS
370.50	371.50	1.00	RMC37808	A I		15 cm po band, 1% dissem py	0.33	0.00 ETS
371.50	372.50	1.00	RMC37809	A I		5% dissem po along bedding, 40°, tr cpy	0.64	0.00 ETS
372.50	373.50	1.00	RMC37810	A I		5% po stwk, 1% py ff	1.07	0.00 ETS
373.50	375.00	1.50	RMC37811	A I		3% dissem po & dissem, 1% py ff	0.03	0.00 ETS
378.00	379.50	1.50	RMC37812	A I		3% po ff & dissem, 1% py ff	1.16	0.00 ETS
379.50	380.50	1.00	RMC37813	A I		5 mm qtz/carb/po/cpy, 3% po ff	0.30	0.00 ETS
380.50	381.50	1.00	RMC37814	A I		20 cm po/cpy/carb, 75°	14.01	37.40 ETS
381.50	382.50	1.00	RMC37815	A I		3% dissem po & ff, 2% dissem cpy,	0.21	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

From	To	Length	Sample ID	Type(s)*		Sample Description	Au† [gram/tonne]	Ag†
						trace cpy		
382.50	383.50	1.00	RMC37816	A I		2% po ff, 2% py ff, tr sph	1.29	0.00 ETS
383.50	384.50	1.00	RMC37817	A I		9cm po/py/sph, 70°; 3% dissem po	2.71	0.00 ETS
384.50	385.70	1.20	RMC37818	A I		3% po stwk & dissem, 1% py ff	1.25	0.00 ETS
385.70	387.20	1.50	RMC37819	A I		2% py ff, 2% po ff & dissem	2.02	0.00 ETS
387.20	388.70	1.50	RMC37821	A I		5% po ff, 2% py ff, tr cpy	0.46	0.00 ETS
388.70	390.20	1.50	RMC37822	A I		7% wispy po @ 35°, 0.5% cpy	0.34	0.00 ETS
390.20	391.70	1.50	RMC37823	A I	W	3% po blebs & ff, 2% py ff	1.56	0.00 ETS
391.70	393.00	1.30	RMC37824	A I		3% po blebs & ff, 2% py ff	1.63	0.00 ETS
393.00	394.50	1.50	RMC37825	A I		2% py ff, 2% po ff & blebs	0.14	0.00 ETS
394.50	396.00	1.50	RMC37826	A I		5% dissem po & blebs	0.04	0.00 ETS
396.00	397.50	1.50	RMC37827	A I		3% dissem po & ff	0.57	0.00 ETS
397.50	399.00	1.50	RMC37828	A I		3% cg dissem po	0.25	0.00 ETS
399.00	400.50	1.50	RMC37829	A I		5% po stwk & dissem, 0.5% cpy	0.31	0.00 ETS
400.50	401.60	1.10	RMC37830	A I		3% dissem po & blebs, tr cpy	0.10	0.00 ETS
401.60	402.60	1.00	RMC30858	A I	W	2% po iff	0.11	0.00 ETS
402.60	403.60	1.00	RMC30859	A I		30° sharp mineralization transition, foliated contact with 15-20% po as one 25 cm semimassive vein and irreg ff	9.25	0.00 ETS
403.60	404.60	1.00	RMC30861	A I		8-10% po, 2-3% cpy 1% sph as wispy iff	4.80	41.40 ETS
404.60	405.60	1.00	RMC30862	A I		5% po, 2-3% cpy as wispy iff	9.05	0.00 ETS
405.60	406.60	1.00	RMC30863	A I		3% po, 1% py, 5% sph as wispy irreg ff	13.03	48.90 ETS
406.60	407.60	1.00	RMC30864	A I		7-8% po, 2-3% cpy as wispy iff + 5% py as irreg massive vein	5.60	70.60 ETS
407.60	408.60	1.00	RMC30865	A I		35% py, 2-3% sph as two 15 cm massive veins & f-cg iff	9.00	73.20 ETS
408.60	409.60	1.00	RMC30866	A I		5% po, < 1% cpy as wispy iff + mottled	0.47	0.00 ETS
409.60	410.60	1.00	RMC30867	A I		3% po as diffuse mottled texture	0.24	0.00 ETS
410.60	411.60	1.00	RMC30868	A I		2% po as diffuse mottled texture	0.39	0.00 ETS
411.60	412.60	1.00	RMC30869	A I		3% po diffuse mottled texture	0.28	0.00 ETS
412.60	413.60	1.00	RMC30870	A I		4% po, 2% py as iff	2.62	0.00 ETS
413.60	414.60	1.00	RMC30871	A I		4% po, 2% py diffuse mottling + irregular ff	0.70	0.00 ETS
414.60	416.10	1.50	RMC37831	A I		two 10, 30 cm po/py veins, 60°	1.55	0.00 ETS
416.10	417.10	1.00	RMC37832	A I	W	2% po ff, 1% py ff	10.28	0.00 ETS
417.10	418.50	1.40	RMC37833	A I		1% dissem po, 0.5% dissem py	0.96	0.00 ETS
418.50	420.00	1.50	RMC37834	A I		1% dissem po, 0.5% dissem py	0.12	0.00 ETS
420.00	421.50	1.50	RMC37835	A I		1% dissem po, 0.5% dissem py	0.32	0.00 ETS
421.50	422.50	1.00	RMC37836	A I		2% dissem po & ff, 1% py ff	2.46	0.00 ETS
422.50	423.50	1.00	RMC37837	A I		6 cm po, 65°; 5% dissem po	2.88	0.00 ETS
423.50	424.50	1.00	RMC37838	A I		10% dissem po & stwk	0.78	0.00 ETS
424.50	425.50	1.00	RMC37839	A I		7% vf dissem po, 1% py ff	0.65	0.00 ETS
425.50	426.50	1.00	RMC37841	A I		7% vf dissem po, 1% py ff	0.46	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Samples & Assays

MC94-203

From	To	Length	Sample ID	Type(s)*		Sample Description	Au† [gram/tonne]	Ag†
426.50	427.50	1.00	RMC37842	A	I	7% dissem po & stwk, 2% py ff	1.32	0.00 ETS
427.50	428.50	1.00	RMC37843	A	I	6 cm po/py, 45°; 7% po stwk, tr cpy	1.03	0.00 ETS
428.50	429.50	1.00	RMC37844	A	I	7 cm po/py, 40°; 7& po stwk, tr cpy	0.40	0.00 ETS
429.50	430.50	1.00	RMC37845	A	I	15 cm po/py/cpy, 15°; 7% po stwk	5.31	0.00 ETS
430.50	431.50	1.00	RMC37846	A	I	3% dissem po & blebs, tr cpy	1.89	0.00 ETS
431.50	433.00	1.50	RMC37847	A	I	5% po stwk & dissem, tr cpy	3.73	0.00 ETS
433.00	434.50	1.50	RMC37848	A	I	2% py ff, 2% dissem po & ff	0.18	0.00 ETS
434.50	436.00	1.50	RMC37849	A	I	5% po/cpy ff, 15°; 1% py ff	1.60	0.00 ETS
436.00	437.00	1.00	RMC37850	A	I W	Standard #4	0.10	0.00 ETS
437.00	438.00	1.00	RMC37851	A	I	6 mm, po/py/cpy, 15°	0.11	0.00 ETS
438.00	439.50	1.50	RMC37852	A	I	5% mg dissem, 1% py ff	0.28	0.00 ETS
439.50	440.50	1.00	RMC37853	A	I	4 cm po/py/qtz/carb/cpy, 15°	0.40	0.00 ETS
440.50	441.50	1.00	RMC37854	A	I	5% po stwk & dissem, tr cpy	0.22	0.00 ETS
441.50	442.50	1.00	RMC37855	A	I	5% po stwk & dissem, 1% py ff, tr cpy	0.72	0.00 ETS
442.50	444.00	1.50	RMC37856	A	I	7% po stwk and dissem, 1% py ff, tr cpy.	0.65	0.00 ETS
444.00	445.50	1.50	RMC37857	A	I	3% dissem & ff, 2% dissem po	0.24	0.00 ETS
445.50	446.50	1.00	RMC37858	A	I	3% dissem po & ff, 1% py ff	0.82	0.00 ETS
446.50	447.50	1.00	RMC37859	A	I	5% dissem po & stwk, 1% py ff, 0.5% cpy	2.27	0.00 ETS
447.50	448.50	1.00	RMC37861	A	I	7% vf dissem po, 2% py ff	0.48	0.00 ETS
448.50	450.00	1.50	RMC37862	A	I	2% py ff & dissem, 2% dissem po	0.46	0.00 ETS
452.50	454.00	1.50	RMC37863	A	I	3% dissem py & fracture fill, 2 % dissem po	0.62	0.00 ETS
454.00	455.30	1.30	RMC37864	A	I	3% dissem py & ff, 1% dissem po	0.70	0.00 ETS
455.30	456.50	1.20	RMC37865	A	I	5% dissem py & ff, 1% dissem po	0.75	0.00 ETS
456.50	457.50	1.00	RMC37866	A	I W	4 cm po/qtz, 65° dissem po	0.81	0.00 ETS
457.50	459.00	1.50	RMC37867	A	I	4 cm po/py, 75°, 5% dissem py & ff	3.23	0.00 ETS
459.00	460.50	1.50	RMC37868	A	I	3% dissem py & ff	0.62	0.00 ETS
477.00	478.50	1.50	RMC37869	A	I W	3% dissem py & ff	0.27	0.00 ETS
497.00	498.50	1.50	RMC37870	A	I W	5% py ff & dissem	0.42	0.00 ETS
521.00	522.50	1.50	RMC37871	A	I W	5% py ff & dissem	0.16	0.00 ETS
544.00	545.60	1.60	RMC37872	A	I W	5% py ff & dissem	0.21	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Lac Minerals Ltd.
Red Mountain
LAC

DRILL LOG
DOWN-HOLE SURVEY

MC94-203

Lengths measured in meters

Logged by: Scott Frostad	25/10/94		
Checked by:	/ /		

Northing	1,495.413	Length	545.59
Easting	4,598.465	Azimuth	095.0
Elevation	1,965.480	Dip	-60.0

DOWN-HOLE SURVEYs

MC94-203

Depth	Dip°	Az°	Note
0.00	-60.00	095.00	
61.00	-60.00	097.00	
121.92	-59.50	098.00	
182.90	-58.00	102.50	
143.80	-57.00	103.00	
304.80	-56.00	103.50	
365.80	-55.50	107.50	
426.72	-54.00	113.50	
487.70	-53.00	116.50	
545.60	-52.50	119.50	

Lac Minerals Ltd.
Red Mountain

LAC

MC94-204

SUMMARY DRILL REPORT

Location Coordinates

Northing	1,495.380
Easting	4,598.697
Elevation	1,965.519

Length & Collar Orientation

Length	551.69
Azimuth	90.0
Dip	-50.0

Field Location	British Columbia	Lengths measured in meters	
Casing	1.60	Started	/ /
Core Size		Completed	/ /
Logged by	Scott Frostad	Logged	22/10/94
Checked by		Checked	/ /
Mx'n Zone	141		
Claim Group	ORO1		
Map Refer'ce	103P/13W		
Region	Skeena Mining Division		
Driller	JT Thomas		
Assayer	EcoTech Laboratories		

Comments

Pervasive pyrrotite mineralization for 250 metres from 255.00m to 507.00m.

Condensed Log

MC94-204

Interval		Rock Type	Grain size	Modifier
0.00	1.60	Casing		
1.60	96.20	FHxl strg K-spar		
96.20	97.20	BdT bdg, 60°		
97.20	97.70	FZ 3 cm GO, 80°?; 30 cm BC		
97.70	106.00	BdT blk, bd 60°		
106.00	107.40	FHxl 60°		
107.40	111.80	BdT blk, bd 75°		
111.80	112.50	FZ 10 cm GO, 60° ;70 cm BC		
112.50	142.70	BdT blk, bd 65°		
142.70	144.30	FHxl? strg ser, 2% py		
144.30	157.70	BdT blk, 1% py		
157.70	160.00	FZ 50% lost core, 20% rbl		
160.00	173.30	BdT blk, 1% py		

Interval		Rock Type	Grain size	Modifier
173.30	173.70	FZ 40 cm rbl		
173.70	176.70	BdT		
176.70	178.00	FZ 80 cm lost core, 50 cm rbl		
178.00	198.10	BdT blk		
198.10	198.50	FZ 40 cm rbl, water loss		
198.50	216.00	BdT blk, bd 40°, 1% py		
216.00	219.00	Dyke(gwke?)		
219.00	229.00	BdT		
229.00	230.80	FZ 35% core loss, 40% rbl, 50°		
230.80	234.80	BdT + Dyke (gwke?)		
234.80	235.30	FZ 50 cm oxid'd rbl, 65°		
235.30	253.20	Dyke (gwke?) + BdT 1% py		
253.20	256.60	FHxl med gry, 7-8% wht fsp xtls		
256.60	261.50	Fol'd BdT/FHxl 60°		
261.50	281.50	FHxl mod ser, 2% py, 1% po		
281.50	288.70	FHxl wk ser, 1% py, 1% po		
288.70	302.00	FHxl mod patchy trm, 3% po		
302.00	357.60	FHxl 2% py, 2% po		
357.60	359.20	Dyke grn, speckled, 70°		
359.20	362.40	FHxl 3% po		
362.40	363.90	Dyke grn, speckled, 70°		
363.90	431.00	FHxl		
431.00	439.00	FHxl	cT	
439.70	453.40	FHxl		
453.40	457.30	FHxl:ALT 30% lt gry mtx		
457.30	494.50	FHxl	cT	
494.50	510.10	BdT? strg ser		
510.10	520.80	FHxl	cT	

Interval		Rock Type	Grain size	Modifier
520.80	548.50	BdT limy grn, strg ser, 5% py ff		
548.50	551.69	FHxl	cT	
551.69	551.69	EOH		
439.00	439.70	dyke grn, speckled, 20°		

Lac Minerals Ltd.
Red Mountain
WOTAN
LAC **141**

DRILL LOG
GEOLOGY DESCRIPTION

MC94-204

Lengths measured in meters

Logged by: Scott Frostad	22/10/94		
Checked by:	/ /		

Northing	1,495.380	Length	551.69
Easting	4,598.697	Dip	-50.0
Elevation	1,965.519	Az	90.0

Geology Description

MC94-204

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
0.00	1.60	Casing			A
1.60	96.20	FHxl			A
		strg K-spar LITHOLOGY: Medium grey to greenish-grey; 45% to 50% observable white fsp crystals <1 mm; 6 to 7% black or green (chloritic) hornblende crystals, average size approximately 1 mm(<3mm); rare (1% to 2%) lithic fragments usually white, subround, 5 to 10 mm in size; H= 5.0 to 5.2 ALTERATION: Moderate to strong pervasive K-spar alteration (from staining), weak pervasive ser alteration (from hardness), locally weak to moderate chl alteration (from colour and hardness), axinite where noted. MINERALIZATION: Generally unmineralized, but occasional py and/or po fracture fill <1%. LC: 10 cm of strongly broken core.			
9.00	10.50				C
		ALTERATION: Axinite veins, 15°.			
14.50	14.70				C
		STRUCTURE: 20 cm moderately broken core.			
18.00	19.00				B
		ax vns, 15° ALTERATION: Axinite veins, 15°			
18.50	18.60				C
		STRUCTURE: 10 cm moderately broken core.			
25.50	26.60				B
		40 cm modly BC, ax vns STRUCTURE: 40 cm moderately broken core, axinite veins.			
42.50	43.00				B
		50 cm ax vns, 15° ALTERATION: 50 cm axinite veins, 15°.			
57.00	58.00				B
		two 1 cm oxid'd GO, 30° STRUCTURE: Two 1 cm oxidized gouge, 30°. Interval also with 10 cm of brecciation, 50% angular fragments average size appproximately 2 cm within highly oxidized matrix.			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
90.50	93.90				C
		ALTERATION: Intrusive is black in colour, chl?, trm with ser?, H=5.0, gradational contacts.			
93.90	96.10				C
		ALTERATION: Texture obliterated, pale green colour, chl.			
96.20	96.20				C
		ctc is 10cm BC			
		STRUCTURE: 10 cm of strongly broken core at contact.			
96.20	97.20	**BdT**			A
		bdg, 60°			
		LITHOLOGY: Black, weakly bedded at 60°, H>5.2 ALTERATION: Unaltered? MINERALIZATION: 1% dissem py & fracture fill. LC: Irregular, 80°?			
97.20	97.70	**FZ**			A
		3 cm GO, 80°?; 30 cm BC			
		LITHOLOGY: 2 cm Fe-carb vein, 30°.			
97.70	106.00	**BdT**			A
		blk, bd 60°			
		DAP: From 96.20 to 97.2m with bedding still at 60°. LC: Sharp at 55°.			
97.70	100.50				C
		STRUCTURE: Weak to moderately broken core.			
106.00	107.40	**FHxl**			A
		60°			
		LITHOLOGY: Light to medium grey very bleached but in one spot crystals (hb?) <3 mm, H=5.1 ALTERATION: Weak pervasive ser alteration (colour and softness).			
		MINERALIZATION: Unmineralized but lower contact associated with disseminated po. LC: Sharp at 65°.			
107.40	111.80	**BdT**			A
		blk, bd 75°			
		DAP: From 96.20 m to 97.20 m with bedding at 75°. MINERALIZATION: 2% py fracture fill and dissem, trace po. LC: Gouge.			
111.80	112.50	**FZ**			A
		10 cm GO, 60°;70 cm BC			
		STRUCTURE: 5% rubble, 60 cm weak to moderately broken core.			
112.50	142.70	**BdT**			A
		blk, bd 65°			
		DAP: From 96.20 m to 97.20 m with bedding at 65°. MINERALIZATION: 1% dissem py. LC: Sharp at 60°.			
114.70	115.20				C
		LITHOLOGY: Black, sandy texture, typical DYKE (greywacke?) unit, irregular contacts.			
127.30	127.40				B
		1 cm GO, 15°			
		STRUCTURE: 1 cm gouge , 15 °			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
137.20	138.00				B
		10% qtz (porc) fiff ALTERATION: 10% quartz (porc) fine irregular fracture fill.			
142.30	142.70				B
		40 cm of 20% py, ctc 60°			
142.70	144.30	**FHxl?**			A
		strg ser, 2% py LITHOLOGY: Beige, very bleached - could be BdT, FHxl or an AND dyke, H=4.8 ALTERATION: moderate to strong ser alteration MINERALIZATION: 2 to 3% dissem py and fracture fill. LC: Sharp at 35°.			
144.30	157.70	**BdT**			A
		blk, 1% py DAP: from 96.20 to 97.20m. ALTERATION: 5% to 6% carb fracture fill, locally with quartz (porcelanous) fine irregular fracture fill. MINERALIZATION: 1 to 2% py fracture fill and dissem. LC: Faulted contact.			
144.30	145.30				B
		sharp ctc, 35°			
147.00	149.50				B
		5% qtz (porc) fiff, tr sph			
155.50	157.70				B
		5% qtz fiff ALTERATION: 5% quartz fine irregular fracture fill.			
157.70	160.00	**FZ**			A
		50% lost core, 20% rbl			
160.00	173.30	**BdT**			A
		blk, 1% py DAP: from 96.20 m to 97.20 m. MINERALIZATION: 0.5% dissem py with rare po and py fracture fill. LC: Rubble.			
164.00	164.50				B
		1 cm GO, 15° STRUCTURE: 1 cm gouge, 15°.			
165.00	166.00				B
		2 cm po/py, 35°			
167.00	168.00				B
		8 cm po/py, 60°			
173.30	173.70	**FZ**			A
		40 cm rbl			
173.70	176.70	**BdT**			A
		DAP: from 96.20 to 97.20 m.			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
175.00	176.70				C
		STRUCTURE: Weak to moderately broken core.			
176.70	178.00	**FZ**			A
		80 cm lost core, 50 cm rbl			
		STRUCTURE: Drillers losing water here.			
178.00	198.10	**BdT**			A
		blk			
		DAP: 96.20 to 97.20 m.			
178.70	178.80				C
		STRUCTURE: 10 cm rubble.			
178.80	183.70				C
		STRUCTURE: Weak to moderately broken core.			
194.50	195.50				B
		40 cm qtz/carb/po vn, 65°			
198.10	198.50	**FZ**			A
		40 cm rbl, water loss			
198.50	216.00	**BdT**			A
		blk, bd 40°, 1% py			
		DAP: from 96.20 to 97.20m with bedding at 40°. MINERALIZATION: 1% dissem py + fracture fill. LC: Sharp, 55°.			
208.50	208.60				B
		10 cm fol'n, 40°, water loss			
		STRUCTURE: 10cm foliation, 40°, water loss			
212.50	213.50				B
		15 cm py/po/carb, 70°			
216.00	219.00	**Dyke (gwke?)**			A
		LITHOLOGY: Dark grey, slightly lighter and coarse grained than fT unit, 7 to 8% fsp average approximately 1 mm with remainder of unit fine grained, H=5.0			
		ALTERATION: Unaltered? MINERALIZATION: 1% py fracture fill. LC: Very irregular, but sharp.			
216.00	216.00				B
		sharp ctc, 55°			
217.40	217.70				C
		LITHOLOGY: 30 cm BdT, UC: irregular, LC: Sharp at 55°.			
219.00	229.00	**BdT**			A
		DAP: from 96.20m to 97.20 m with sharp lower contact at 50°.			
219.00	219.00				B
		sharp, v irreg ctc			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier
229.00	230.80	**FZ** *35% core loss, 40% rbl, 50°* STRUCTURE: 5 cm of highly oxidized GO, CA angle indeterminable. LC: Sharp at 50°.		A
230.80	234.80	**BdT + Dyke (gwke?)** LITHOLOGY: These two units are as previously described with 50% of each. The dykes (gwke) occur as bands between 50 cm and 10 cm with sharp, straight to very irregular contacts and may or may not host angular (usually elongate) fragments of BdT. ALTERATION: Unaltered? LC: Sharp at 65°.		A
234.80	235.30	**FZ** *50 cm oxid'd rbl, 65°*		A
235.30	253.20	**Dyke (gwke?) + BdT** *1% py* DAP: from 230.80 m to 234.80m , but with 75% to 85% DYKE (gwke?) and 15% to 25% BdT. STRUCTURE: Three gouge zones where indicated below. MINERALIZATION: 1% py fracture fill. LC: Gradational.		A
238.10	238.20	*10 cm GO, 40°* STRUCTURE: 10 cm gouge, 40°.		B
239.50	239.60	*10 cm GO, 60°* STRUCTURE: 10 cm gouge, 60°.		B
246.10	246.20	*5 cm GO, 40°* STRUCTURE: 5 cm gouge, 40°.		B
249.30	249.50	*20 cm strgly BC* STRUCTURE: 20 cm strongly broken core.		B
253.20	256.60	**FHxl** *med gry, 7-8% wht fsp xtls* Medium grey, 7 to 8% white fsp crystals average size approximately 1mm, 7 to 8% fine black mafics within fine grained matrix. Apparently identical to dyke (gwke?) except for colour. Is the dyke (gwke?) actually a fine grained FHxl altered to black colour because they've always been found as small units within thick sequences of fT/BdT? MINERALIZATION: 1% py fracture fill. LC: Indistinct.		A
253.20	253.20	*grad'l ctc*		B
256.60	261.50	**Fol'd BdT/FHxl** *60°* LITHOLOGY: No distinction between two units; medium grey to black bands average 5 to 10 mm in width with strong fabric at primarily 60°, H=5.0 ALTERATION: Weak to moderate pervasive ser? STRUCTURE: Strong foliation at 60°. LC: Sharp and irregular at approximately 70°.		A

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
256.60	256.60				B
		indistinct ctc			
261.50	281.50	**FHxl**			A
		mod ser, 2% py, 1% po			
		LITHOLOGY: Medium to dark green to greenish grey, original texture obscured but locally with black mafics (7-8%) <1 mm in size, H=5.0 LC: Gradational.			
261.50	261.50				B
		sharp, irreg ctc, 70°			
263.00	264.50				B
		two 4, 18 cm py/po/qtz, 35°			
267.00	268.00				B
		7% msv po vn			
274.00	275.00				B
		25 cm po/py/sph/chl, fol'n 40°			
279.50	280.50				B
		25 cm msv po/py/carb, irreg			
281.50	288.70	**FHxl**			A
		wk ser, 1% py, 1% po			
		ALTERATION: weak pervasive ser, 1% py, 1% po LITHOLOGY: Medium grey to light greenish-grey, original texture obscured, but locally, with 7% to 8% black mafics average approximately 1 mm, H=5.1 LC: Alteration contact, sharp, 15°.			
281.50	281.50				B
		grad'l ctc			
285.00	286.00				B
		2 cm po/py, 45°			
288.70	302.00	**FHxl**			A
		mod patchy trm, 3% po			
		ALTERATION: moderate patchy trm. LITHOLOGY: Medium grey with 25 to 30% black specks (trm), 45 to 50% fine white fsp crystals (average ~ 1mm), 7 to 8% light green to whitish hb crystals (average ~ 1mm). MINERALIZATION: 2 to 3% dissem po. LC: Very gradational, minor patches of trm are found after 302.00 m.			
288.70	288.70				B
		alt'n ctc, 15°			
302.00	357.60	**FHxl**			A
		2% py, 2% po			
		DAP: From 288.70 m to 302.00 m, but without the black trm specks (medium grey in colour). MINERALIZATION: 2% py, 2% po LC: Sharp but very irregular.			
302.00	302.00				B
		v grad'l ctc			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier
308.00	315.00			C
		ALTERATION: 4 to 5% "cauliflour" shaped patches of bleaching, white in colour, average size approximately 1 cm.		
318.00	322.00			C
		ALTERATION: Light grey to light greenish-grey in colour, moderate bleaching.		
318.80	319.20			B
		25 cm carb/qtz/sph, 35°		
322.00	324.00			C
		ALTERATION: Dark green, chl alteration, H=5.1		
324.00	325.00			B
		3% py, 2% po, 2% sph		
331.80	334.00			B
		10% ax vns, 40°		
		ALTERATION: 10% axinite veins, 40°.		
334.00	357.60			C
		LITHOLOGY: Very homogenous, monotonous FHxl.		
343.50	345.50			B
		2 mm po/py/carb, 0°		
349.50	350.50			B
		6 cm po/py, 50°		
354.00	355.50			B
		3 cm po/py/carb, 55°		
357.60	359.20	**Dyke**		A
		grn, speckled, 70°		
		LITHOLOGY: Medium greyish-green, 5 to 7% prominant white to yellowish fsp crystals, average size approximately 1 mm within a very fine matrix. MINERALIZATION: Unmineralized. LC: Sharp, irregular at approximately 70°.		
359.20	362.40	**FHxl**		A
		3% po		
		DAP: From 302.00 m to 357.60 m. LC: Sharp at 75°.		
362.40	363.90	**Dyke**		A
		grn, speckled, 70°		
		DAP: From 357.60 m to 359.20 m. LC: Sharp at 60°.		
363.90	431.00	**FHxl**		A
		DAP: From 302.00 m to 357.60 m. LC: Very gradational.		
375.00	387.00			C
		STRUCTURE: Minor fracturing of FHxl, probably by breccia dyke within this interval, now filled with chlorite.		

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
384.70	384.90				B
		bx dyke, 20 cm, 70°			
		LITHOLOGY: 50% to 55% subangular to subround FHxl fragments, average size approximately 1 cm, within a dark greyish-brown, fine grained matrix.			
		MINERALIZATION: 2% po, 1% py occuring as disseminations within both fragments and matrix			
390.00	391.00				B
		two 2, 10 cm po/py/carb, 40°			
399.50	399.90				C
		LITHOLOGY: 15 cm dark brownish-grey dyke, very fine grained matrix, rare fragments of host rock, 5 to 7% very fine grained py. UC: At 25°. LC: At 25°.			
400.60	400.70				C
		LITHOLOGY: 10 cm dyke as previously described from 399.50 m to 399.50 m, but with UC and LC at 50°			
411.00	419.50				B
		1% py vns w/ brn trm (siderite)			
421.60	422.10				B
		50 cm mod porc			
		ALTERATION: 50 cm moderate porcelanous.			
431.00	439.00	**FHxl**	cT		A
		DAP: From 363.90 m to 431.00m but coarser grained. Very gradational change to where fsp size averages approximately 2 mm and may occur up to 3 mm.			
		ALTERATION: Weak ser, K-spar? MINERALIZATION: < 1% py fracture fill. LC: Sharp at 20°.			
431.00	431.00				B
		v grad'l ctc			
439.00	439.70	**dyke**			A
		grn, speckled, 20°			
		DAP: from 357.6 to 359.2m LC: sharp at 20°			
439.70	453.40	**FHxl**			A
		DAP: From 431.00 m to 439.00 m. LC: Very indistinct.			
453.40	457.30	**FHxl:ALT**			A
		30% lt gry mtx			
		LITHOLOGY: Zone of brecciation with 50% coarse grained FHxl fragments 5 to 6 cm (A) in size, 10% L size, and 10% light grey, subrounded, aphanitic fragments average 5 to 7 cm in size (fT fragments?). MINERALIZATION:2 to 3% dissem py within matrix and fragments. LC: Indistinct.			
453.40	453.40				B
		v indistinct ctc			
457.30	494.50	**FHxl**	cT		A
		DAP: From 431.00 m to 439.00m, but with occasional white bleached patches (3 to 4%) that may be altered fragments (1 to 2 cm in size). LC: Sharp at 25°.			
457.30	467.00				C
		LITHOLOGY: 3% to 4% white fragments?			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
457.30	457.30				B
		indistinct ctc			
471.10	471.30				B
		20 cm modly BC, 80°			
		STRUCTURE: 20 cm moderately broken core, 80°.			
473.50	480.00				C
		ALTERATION: Moderate patchy chl alteration associated with po/py fracture fill.			
480.00	482.50				C
		STRUCTURE: Appears to be a zone of brecciation similar to 453.40 m to 457.30 m.			
492.50	492.50				C
		STRUCTURE: Bedding, 45°.			
493.50	493.50				C
		STRUCTURE: Bedding, 20°.			
494.50	510.10	**BdT?**			A
		strg ser			
		ALTERATION: strong ser LITHOLOGY: Light grey, very fine grained and homogenous, occasional limy green band (chrome mica), locally fabric to mineralization parallel to banding of unit, alteration has obliterated original texture. There are places that look like FHxl but banding could reflect original bedding locally. LC: 1.5 cm foliation, 30°.			
494.50	494.50				B
		sharp ctc, 25°			
499.50	499.50				C
		STRUCTURE: Foliation?, 55°.			
501.00	501.00				C
		STRUCTURE: Bedding, 45°.			
508.00	508.00				C
		STRUCTURE: Foliation, 55°.			
510.10	510.10				B
		2cm py.carb ctc, 30°			
		STRUCTURE: 1.5 cm py/carb, foliated, 30°.			
510.10	520.80	**FHxl**	**cT**		A
		DAP: From 431.00 m to 439.00 m. LITHOLOGY: Colour changes from pinkish-grey to greyish-green then back to pinkish-grey. ALTERATION: Moderate K-spar? (not stained). MINERALIZATION: 5% dissem py. LC: 1 cm chl foliation at 35°.			
520.80	548.50	**BdT**			A
		limy grn, strg ser, 5% py ff			
		LITHOLOGY: Medium limy green to greyish-green, bedding very evident, but highly disrupted, locally brecciated, H=4.6 to 4.8 ALTERATION: Strong pervasive ser alteration (mariposite?). MINERALIZATION: 5% py fracture fill. LC: 2 cm fine grained py band, 65°.			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
520.80	520.80				B
		1cm chl fol'n ctc, 35°			
523.50	526.00				B
		bdg, 0°			
		STRUCTURE: Bedding, 0°.			
533.00	534.00				B
		bdg, 35°			
		STRUCTURE: Bedding, 35°.			
539.00	539.00				B
		bdg, 15°			
		STRUCTURE: Bedding, 15°.			
548.50	551.69	FHxl	cT		A
		DAP: From 513.10 m to 523.80 m.			
548.50	548.50				B
		2cm py ctc, 65°			
551.69	551.69	EOH			A

Lac Minerals Ltd.
Red Mountain
LAC

DRILL LOG
MINERALIZATION & SAMPLING

MC94-204

Lengths measured in meters

Logged by: Scott Frostad	22/10/94		
Checked by:	/ /		

Northing	1,495.380	Length	551.69
Easting	4,598.697	Azimuth	090.0
Elevation	1,965.519	Dip	-50.0

MC94-204

MINERALIZATION													SAMPLING		
From	To	Aspy	Cpy	Galena	Py	Po	Sph				□	□	SampleID	Type(s)*	DESCRIPTION
8.00	9.00				1.0								RMC37549	A I	1% py ff
26.50	27.50				1.0								RMC37550	A I W	1% py ff
27.50	28.50				2.0								RMC37551	A I	2% py ff
43.00	44.50				1.0								RMC37552	A I	1% py ff
44.50	46.00				1.0								RMC37553	A I W	1% py ff
57.00	58.00				0.5								RMC37554	A I	0.5% dissem py
66.00	67.50				0.5								RMC37555	A I W	0.5% dissem py
84.70	85.70				0.5	0.5							RMC37556	A I	0.5% dissem py, 0.5% po blebs
85.70	86.70				1.0								RMC37557	A I W	1% py ff & dissem
96.20	97.20				2.0								RMC37558	A I	2% py fiff & dissem
97.20	98.50				0.5								RMC37559	A I	0.5% dissem py
0.00	0.00												RMC37560	A I	Standard #4
98.50	99.50				0.5								RMC37561	A I	0.5% dissem py
99.50	100.50				0.5	0.5							RMC37562	A I	0.5% dissem py, 0.5% po
107.50	109.00				1.0								RMC37563	A I W	1% dissem py
111.50	112.50				0.5								RMC37564	A I	4cm GO, 65°, 0.5% py ff
117.00	118.00				2.0	0.5							RMC37565	A I	2% py ff, 0.5% po
118.00	119.50				3.0								RMC37566	A I	3% py ff & dissem
127.00	127.60				0.5		0.2						RMC37567	A I	1cm GO, 15°, 0.5% dissem py
127.60	129.00				1.0								RMC37568	A I W	1% dissem py

MINERALIZATION

SAMPLING

From	To													SampleID	Type(s)*	DESCRIPTION
142.00	143.00				7.0									RMC37569	A I	7% py ff & dissem
147.00	148.50				2.0		0.2							RMC37570	A I W	2% dissem py & ff, tr sph
148.50	150.00				2.0		0.2							RMC37571	A I	2% dissem py & ff, tr sph
150.00	151.50				1.0	1.0								RMC37572	A I	1% py ff, 1% po ff
151.50	153.00				1.0	1.0	0.2							RMC37573	A I	1% ff, 1% po ff, tr sph
153.00	154.50				3.0		0.2							RMC37574	A I	3% dissem py & ff, tr sph
154.50	156.00				3.0									RMC37575	A I	3% py ff & dissem
156.00	157.50				2.0									RMC37576	A I	2% py ff & dissem
163.50	165.00				0.5									RMC37577	A I	1 cm GO, 15°; 0.5% dissem py
165.00	166.00				2.0	0.5								RMC37578	A I	2 cm po/py, 35°; 0.5% py ff
166.00	167.00				2.0	1.0								RMC37579	A I	2% py ff, 1% po ff
0.00	0.00													RMC37580	A I	Standard #1
167.00	168.00				3.0	2.0								RMC37581	A I W	8 cm po/py, 60°; 2% py ff
168.00	169.50				1.0	1.0								RMC37582	A I	1% py ff, 1% po ff
185.50	186.50				0.5	2.0								RMC37583	A I	2% po ff + dissem, 0.5% dissem py
186.50	188.00				1.0									RMC37584	A I W	1% py ff
194.50	195.50				1.0									RMC37585	A I	1% py ff
212.50	213.50				2.0	1.0								RMC37586	A I W	15 cm py/po/carb, 70°
223.00	224.50				1.0									RMC37587	A I	1% py ff
229.00	230.00				0.2									RMC37588	A I	FZ, 5% GO, 10% rubble, tr py
230.00	231.00				0.2									RMC37589	A I	FZ, 50% rubble, tr py
231.00	232.00				1.0									RMC37590	A I	1% dissem py
232.00	233.00				1.0									RMC37591	A I W	1% py ff & dissem
238.00	239.00				1.0									RMC37592	A I	two 2 cm GO, 35°, 50°, 1% dissem py
239.00	240.00				1.0									RMC37593	A I	10 cm GO, 50°, 1% dissem py & ff
257.00	258.00				2.0	5.0								RMC37594	A I W	5% dissem po & ff, 2% py, 45°
258.00	259.00				2.0	5.0								RMC37595	A I	5% dissem po, 2% dissem py, fabric 50°
259.00	260.00				3.0	1.0								RMC37596	A I	3% py ff & dissem, 1% dissem po, 70°

rev310c93 values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MINERALIZATION

SAMPLING

From	To												SampleID	Type(s)*	DESCRIPTION
260.00	261.50			3.0	2.0								RMC37597	A I	3% dissem py & blebs, 2% dissem po, 60°
261.50	263.00			1.0	0.5								RMC37598	A I	1% fine py ff, 0.5% po blebs
263.00	264.50			7.0	3.0								RMC37599	A I	two 4, 18 cm py/po/qtz, 35°
0.00	0.00												RMC37600	A I	Standard #2
264.50	265.50			1.0									RMC37601	A I	1% py ff
265.50	267.00			1.0									RMC37602	A I	1% py ff
267.00	268.00			3.0	7.0								RMC37603	A I	7% msv po vein, erratic; 3% py
268.00	269.00			2.0									RMC37604	A I	2% py ff
269.00	270.00			3.0	1.0								RMC37605	A I	3% py ff & dissem, 1% po ff
270.00	271.50			3.0									RMC37606	A I	3% py ff & dissem
271.50	273.00			2.0									RMC37607	A I	2% py ff & dissem
273.00	274.00			1.0	0.5								RMC37608	A I	1% py ff, 0.5% po ff
274.00	275.00			5.0	10.0	0.2							RMC37609	A I	25 cm po/py/sph/chl, foliation 40°
275.00	276.50			3.0	0.2								RMC37610	A I	3% py ff, tr po
276.50	277.50			0.5									RMC37611	A I	0.5% py ff
277.50	278.50			3.0	1.0								RMC37612	A I W	3% dissem py & ff, 1% po ff
278.50	279.50			2.0	2.0								RMC37613	A I	2% py ff, 2% po ff
279.50	280.50			5.0	15.0								RMC37614	A I	25 cm msv po/py/carb, irreg contacts
280.50	281.50			3.0	1.0								RMC37615	A I	3% dissem py & ff, 1% po ff
281.50	283.00			1.0	0.5	0.2							RMC37616	A I	1% py ff, 0.5% po ff, tr sph
283.00	284.00			1.0									RMC37617	A I	1% po ff & blebs
284.00	285.00			2.0	1.0								RMC37618	A I	2% py ff, 1% dissem po
285.00	286.00			2.0	5.0								RMC37619	A I	2 cm po/py, 45°; 3% dissem po
0.00	0.00												RMC37620	A I	Standard #2
286.00	287.50			0.2									RMC37621	A I	tr dissem po
288.50	289.50			5.0									RMC37623	A I	5% dissem po & ff
289.50	290.50			5.0									RMC37624	A I	5% dissem po & ff
290.50	292.00			3.0									RMC37625	A I	3% dissem po

MINERALIZATION

From	To												
292.00	293.50				3.0								
293.50	295.00				2.0								
295.00	296.50			0.5	3.0								
296.50	298.00			0.5	3.0								
298.00	299.50				3.0								
320.50	322.00				2.0								
322.00	323.00				3.0								
323.00	324.00				3.0	1.0							
324.00	325.00				3.0	2.0	2.0						
326.00	326.00				3.0		0.2						
326.00	327.00				3.0								
327.00	328.00				2.0	0.5							
328.00	329.00				1.0	2.0							
329.00	330.00				1.0	2.0							
0.00	0.00												
330.00	331.00				1.0	3.0							
331.00	332.00				1.0	2.0							
332.00	333.50				1.0								
341.50	343.00				1.0	2.0							
343.00	344.50				2.0	2.0							
344.50	345.50				2.0	1.0							
345.50	347.00				1.0	0.5							
347.00	348.50				2.0	0.5							
348.50	349.50				1.0	1.0							
349.50	350.50				2.0	3.0							
350.50	351.50				1.0	2.0							
351.50	353.00				1.0	2.0							
353.00	354.00				0.5	2.0							

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC37626	A I	3% dissem po
RMC37627	A I	2% dissem po
RMC37628	A I	3% dissem po & ff, 0.5% py ff
RMC37629	A I W	3% dissem po & ff, 0.5% py ff
RMC37630	A I	3% dissem po
RMC37631	A I W	2% dissem py & ff
RMC37632	A I	3% dissem py & ff
RMC37633	A I	3% dissem py & ff, 1% dissem po
RMC37634	A I	3% dissem py, 2% dissem po, 2% sph
RMC37635	A I	3% dissem py, tr sph
RMC37636	A I	3% dissem py & ff
RMC37637	A I	2% dissem py, 0.5% dissem po
RMC37638	A I	2% po blebs & ff, 1% py ff
RMC37639	A I	2% po blebs & ff, 1% py ff
RMC37640	A I	Standard #3
RMC37641	A I	3% dissem po & stockwork,1% dissem py
RMC37642	A I	2% dissem po & wisps, 1% py ff
RMC37643	A I	1% dissem py
RMC37644	A I W	2% po ff, 1% py ff
RMC37645	A I	2mm po/py/carb, 0°
RMC37646	A I	2mm po/py/carb, 0°
RMC37647	A I	1% py blebs, 0.5% po blebs
RMC37648	A I	2% py blebs & ff, 0.5% po
RMC37649	A I	1% py blebs, 1% po blebs
RMC37650	A I	6 cm po/py, 50°
RMC37651	A I	2% po blebs, 1% py blebs
RMC37652	A I	2% po blebs, 1% py blebs
RMC37653	A I	2% po ff & dissem, 0.5% py ff

MINERALIZATION

From	To																				
354.00	355.50				1.0	2.0															
355.50	356.50				1.0	2.0															
356.50	357.60				1.0	2.0															
357.60	360.40				0.2	3.0															
360.40	361.40				1.0	5.0															
361.40	362.40					3.0															
0.00	0.00																				
371.00	372.00				3.0																
374.50	376.00				3.0																
378.00	379.00				1.0	3.0															
384.50	385.50				1.0	3.0															
389.00	390.00				0.5	3.0															
390.00	391.00				3.0	8.0															
391.00	392.00				0.5	3.0															
392.00	393.50					5.0															
393.50	394.80				3.0	10.0															
394.80	396.00				3.0	10.0															
396.00	397.00				2.0	3.0															
397.00	398.50				1.0	2.0															
398.50	400.00				2.0	1.0															
400.00	401.50				1.0	2.0															
401.50	403.00				1.0	2.0															
411.00	412.00				0.5	5.0															
412.00	413.00				1.0	3.0															
413.00	414.00				1.0	5.0															
414.00	415.00				1.0	3.0															
0.00	0.00																				
421.00	422.00				1.0	3.0															

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC37654	A I	3 cm po/py/carb, 55°
RMC37655	A I	2% dissem po, 1% dissem py & ff
RMC37656	A I	2% dissem po, 1% dissem py & ff
RMC37657	A I	3% po ff & dissem, tr py
RMC37658	A I	5% po ff & dissem, 1% py ff
RMC37659	A I W	3% dissem po
RMC37660	A I	Standard # 1
RMC37661	A I	3% po ff & dissem
RMC37662	A I	3% po ff & dissem
RMC37663	A I W	3% po ff & dissem, 1% py ff
RMC37664	A I	3% dissem po & ff, 1% py ff
RMC37665	A I	3% dissem po & ff, 0.5% py ff
RMC37666	A I	two 2, 10 cm po/py/carb, 40°
RMC37667	A I	3% dissem po & ff, 0.5% py
RMC37668	A I	5% dissem po
RMC37669	A I	1cm po/py/carb, 0°
RMC37670	A I	1cm po/py/carb, 0°
RMC37671	A I	3% dissem po, 2% py ff
RMC37672	A I	2% po ff & dissem, 1% py ff
RMC37673	A I W	2% dissem & ff, 1% po ff
RMC37674	A I	2% po ff & dissem, 1% py ff
RMC37675	A I	2% po ff & dissem, 1% py ff
RMC37676	A I	5% dissem po & blebs, 0.5% py ff
RMC37677	A I	3% dissem & ff, 1% py ff
RMC37678	A I	5% dissem po & ff, 1% py ff
RMC37679	A I	3% dissem po & fiff, 1% py ff
RMC37680	A I	Standard #2
RMC37681	A I W	3% dissem po & ff, 1% py ff

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MINERALIZATION

SAMPLING

From	To												SampleID	Type(s)*	DESCRIPTION
437.00	438.50				0.2	3.0							RMC37682	A I	3% dissem po & blebs, tr py
440.00	441.50					3.0							RMC37683	A I W	3% dissem po
447.50	449.00				1.0	3.0							RMC37684	A I	3% dissem po & ff, 1% py ff & dissem
449.00	450.00				1.0	3.0							RMC37685	A I	3% dissem po & ff, 1% py ff & dissem
450.00	451.00				1.0	5.0							RMC37686	A I	5% ff & dissem, 1% py ff & dissem
451.00	452.00				20.0	15.0	5.0						RMC37687	A I	50 cm py/po/sph, 65°
452.00	453.00				2.0	5.0							RMC37688	A I	5% po ff & dissem, 2% py ff
453.00	454.00												RMC37689	A I	5% dissem po, 1% py ff
454.00	455.50				1.0	5.0							RMC37690	A I	5% dissem po, 1% py ff
455.50	457.00				2.0	3.0							RMC37691	A I	3% dissem po, 2% dissem py
466.00	467.00				2.0	5.0							RMC37692	A I W	5% dissem po, 2% dissem py
467.00	468.00				2.0	7.0							RMC37693	A I	7% po ff & dissem, 2% py ff
468.00	469.00				1.0	5.0							RMC37694	A I	5% dissem po & ff, 1% py ff
469.00	470.50				1.0	5.0							RMC37695	A I	5% dissem po & ff, 1% py ff
470.50	472.00				1.0	5.0							RMC37696	A I	5% po fiff & dissem, 1% py ff
472.00	473.50				1.0	5.0							RMC37697	A I	5% dissem po, 1% py ff
473.50	475.00				1.0	5.0							RMC37698	A I	5% dissem po & ff, 1% py ff
475.00	476.50				1.0	10.0							RMC37699	A I	10% po ff & dissem, 2% py ff
0.00	0.00												RMC37700	A I	Standard #1
476.50	478.00				1.0	7.0							RMC37701	A I	7% po fiff & dissem, 1% py ff
478.00	479.50				1.0	10.0							RMC37702	A I	10% po ff & dissem, 1% py ff
479.50	481.00				1.0	10.0							RMC37703	A I	10% po ff & dissem, 1% py ff
481.00	482.50				1.0	5.0							RMC37704	A I	5% dissem po & wisps, 1% py ff
482.50	484.00				3.0	3.0							RMC37705	A I	3% dissem py & ff, 3% po ff & dissem
484.00	485.50				2.0	5.0							RMC37706	A I	5% dissem po, 2% py ff
485.50	487.00				2.0	5.0							RMC37707	A I W	5% dissem po & ff, 2% py ff
487.00	488.50				1.0	10.0							RMC37708	A I	10% dissem po & fiff, 1% py ff
488.50	489.50				1.0	7.0							RMC37709	A I	7% dissem po & fiff, 1% py ff

MINERALIZATION **SAMPLING**

From	To													SampleID	Type(s)*	DESCRIPTION
489.50	490.50				1.0	5.0								RMC37710	A I	5% mg dissem po, 1% py ff
490.50	491.50													RMC37711	A I	5% dissem po, 3% dissem py, fabric 45°
491.50	492.50													RMC37712	A I	3% dissem py & ff, 2% dissem po
492.50	493.50				1.0	3.0								RMC37713	A I	3% dissem po, 1% dissem py & ff
493.50	494.50				3.0	2.0								RMC37714	A I	3% dissem py, 2% dissem po
494.50	495.50				2.0	3.0								RMC37715	A I	3% ff & dissem , 2% py ff
495.50	496.50				2.0	3.0								RMC37716	A I	3% ff & dissem , 2% py ff
496.50	497.50				3.0	7.0								RMC37717	A I	7% po stockwork, 3% dissem py & ff
497.50	498.50				2.0	5.0								RMC37718	A I	5% po stockwork, 2% dissem py & ff
498.50	499.50				2.0	3.0								RMC37719	A I	5% dissem po and wisps, 2% dissem py
0.00	0.00													RMC37720	A I	Standard #2
499.50	500.50				2.0	7.0								RMC37721	A I	7% dissem po & wisps, 2% dissem py
500.50	501.50				2.0	3.0								RMC37722	A I	3% wispy po, 2% dissem py & ff
501.50	502.50				3.0	2.0								RMC37723	A I	3% dissem py, 2% wispy po
502.50	503.50				2.0	5.0								RMC37724	A I	5% wispy po & dissem, 2% py ff
503.50	504.50				5.0	3.0								RMC37725	A I	5% mg py ff, 3% wispy po
504.50	505.50				7.0	1.0	0.2							RMC37726	A I W	7% py ff & dissem, 1% wispy po, tr sph
505.50	507.00				7.0	1.0								RMC37727	A I	7% mg py ff
507.00	508.50				3.0	5.0								RMC37728	A I	5% po ff & dissem, 3% py ff
508.50	510.00				7.0	1.0								RMC37729	A I	7% dissem py & ff, 1% po
510.00	511.50				5.0									RMC37730	A I	5% dissem py
511.50	524.00				7.0									RMC37731	A I W	7% dissem py & ff
524.00	543.50				5.0									RMC37732	A I W	5% py ff & dissem
543.50	548.00				20.0									RMC37733	A I	20 cm cg py vein, 50°
550.00	551.70				7.0									RMC37734	A I W	7% dissem py
287.50	288.50					2.0								RMC37622	A I	2% dissem po
372.00	373.00					3.0								RMC39236	A I	3% po
373.00	374.00					3.0								RMC39245	A I	3% po

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MINERALIZATION

From	To												
376.00	377.00				2.0	3.0							
377.00	378.00				3.0	3.0							
543.50	545.00				7.0								
0.00	0.00												
545.00	546.00				5.0								
546.00	547.00				5.0								
548.00	549.00				5.0								
549.00	550.00				5.0								

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC39237	A I	2% dissem/fiff py, 3% po
RMC39238	A I	3% dissem/fiff py, 3% po
RMC39239	A I	7% dissem/fiff py
RMC39240	A I	Standard #2
RMC39241	A I	5% dissem/fiff py
RMC39242	A I	5% dissem/fiff py
RMC39243	A I	5% dissem/fiff py
RMC39244	A I	5% dissem/fiff py

Samples & Assays

MC94-204

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†
494.50	495.50	1.00	RMC37715	A I	3% ff & dissem , 2% py ff	0.41	0.00 ETS
495.50	496.50	1.00	RMC37716	A I	3% ff & dissem , 2% py ff	0.49	0.00 ETS
496.50	497.50	1.00	RMC37717	A I	7% po stockwork, 3% dissem py & ff	3.58	0.00 ETS
497.50	498.50	1.00	RMC37718	A I	5% po stockwork, 2% dissem py & ff	0.66	0.00 ETS
498.50	499.50	1.00	RMC37719	A I	5% dissem po and wisps, 2% dissem py	0.89	0.00 ETS
499.50	500.50	1.00	RMC37721	A I	7% dissem po & wisps, 2% dissem py	0.47	0.00 ETS
500.50	501.50	1.00	RMC37722	A I	3% wispy po, 2% dissem py & ff	0.10	0.00 ETS
501.50	502.50	1.00	RMC37723	A I	3% dissem py, 2% wispy po	0.04	0.00 ETS
502.50	503.50	1.00	RMC37724	A I	5% wispy po & dissem, 2% py ff	0.09	0.00 ETS
503.50	504.50	1.00	RMC37725	A I	5% mg py ff, 3% wispy po	1.51	0.00 ETS
504.50	505.50	1.00	RMC37726	A I W	7% py ff & dissem, 1% wispy po, tr sph	2.68	0.00 ETS
505.50	507.00	1.50	RMC37727	A I	7% mg py ff	3.95	0.00 ETS
507.00	508.50	1.50	RMC37728	A I	5% po ff & dissem, 3% py ff	1.82	0.00 ETS
508.50	510.00	1.50	RMC37729	A I	7% dissem py & ff, 1% po	0.13	0.00 ETS
510.00	511.50	1.50	RMC37730	A I	5% dissem py	0.25	0.00 ETS
511.50	524.00	12.50	RMC37731	A I W	7% dissem py & ff	0.11	0.00 ETS
524.00	543.50	19.50	RMC37732	A I W	5% py ff & dissem	0.19	0.00 ETS
543.50	548.00	4.50	RMC37733	A I	20 cm cg py vein, 50°	1.25	0.00 ETS
543.50	545.00	1.50	RMC39239	A I	7% dissem/fiff py	0.19	0.00 ETK
545.00	546.00	1.00	RMC39241	A I	5% dissem/fiff py	0.28	0.00 ETK
546.00	547.00	1.00	RMC39242	A I	5% dissem/fiff py	0.78	0.00 ETK
548.00	549.00	1.00	RMC39243	A I	5% dissem/fiff py	0.71	0.00 ETK
549.00	550.00	1.00	RMC39244	A I	5% dissem/fiff py	0.28	0.00 ETK
550.00	551.70	1.70	RMC37734	A I W	7% dissem py	0.19	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Lac Minerals Ltd.

Red Mountain
WOTAN
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DRILL HOLE SAMPLE\ASSAY SUMMARY

MC94-204

Length measure: meters

Samples & Assays

From	To	Length	Sample ID	Type(s)*	Sample Description	MC94-204 Au† [gram/tonne]	MC94-204 Ag†
0.00	0.00	0.00	RMC37560	A I	Standard #4	0.00	0.00
0.00	0.00	0.00	RMC37580	A I	Standard #1	0.00	0.00
0.00	0.00	0.00	RMC37600	A I	Standard #2	0.00	0.00
0.00	0.00	0.00	RMC37620	A I	Standard #2	0.00	0.00
0.00	0.00	0.00	RMC37640	A I	Standard #3	0.00	0.00
0.00	0.00	0.00	RMC37660	A I	Standard # 1	0.00	0.00
0.00	0.00	0.00	RMC37680	A I	Standard #2	0.00	0.00
0.00	0.00	0.00	RMC37700	A I	Standard #1	0.00	0.00
0.00	0.00	0.00	RMC37720	A I	Standard #2	0.00	0.00
0.00	0.00	0.00	RMC39240	A I	Standard #2	0.00	0.00
8.00	9.00	1.00	RMC37549	A I	1% py ff	0.03	0.00 ETS
26.50	27.50	1.00	RMC37550	A I W	1% py ff	0.05	0.00 ETS
27.50	28.50	1.00	RMC37551	A I	2% py ff	0.14	0.00 ETS
43.00	44.50	1.50	RMC37552	A I	1% py ff	0.02	0.00 ETS
44.50	46.00	1.50	RMC37553	A I W	1% py ff	0.02	0.00 ETS
57.00	58.00	1.00	RMC37554	A I	0.5% dissem py	0.04	0.00 ETS
66.00	67.50	1.50	RMC37555	A I W	0.5% dissem py	0.03	0.00 ETS
84.70	85.70	1.00	RMC37556	A I	0.5% dissem py, 0.5% po blebs	0.03	0.00 ETS
85.70	86.70	1.00	RMC37557	A I W	1% py ff & dissem	0.07	0.00 ETS
96.20	97.20	1.00	RMC37558	A I	2% py fiff & dissem	0.02	0.00 ETS
97.20	98.50	1.30	RMC37559	A I	0.5% dissem py	0.02	0.00 ETS
98.50	99.50	1.00	RMC37561	A I	0.5% dissem py	0.02	0.00 ETS
99.50	100.50	1.00	RMC37562	A I	0.5% dissem py, 0.5% po	0.02	0.00 ETS
107.50	109.00	1.50	RMC37563	A I W	1% dissem py	0.02	0.00 ETS
111.50	112.50	1.00	RMC37564	A I	4cm GO, 65°, 0.5% py ff	0.02	0.00 ETS
117.00	118.00	1.00	RMC37565	A I	2% py ff, 0.5% po	0.05	0.00 ETS
118.00	119.50	1.50	RMC37566	A I	3% py ff & dissem	0.10	0.00 ETS
127.00	127.60	0.60	RMC37567	A I	1cm GO, 15°, 0.5% dissem py	0.06	0.00 ETS
127.60	129.00	1.40	RMC37568	A I W	1% dissem py	0.05	0.00 ETS
142.00	143.00	1.00	RMC37569	A I	7% py ff & dissem	0.08	0.00 ETS
147.00	148.50	1.50	RMC37570	A I W	2% dissem py & ff, tr sph	0.02	0.00 ETS
148.50	150.00	1.50	RMC37571	A I	2% dissem py & ff, tr sph	0.02	0.00 ETS
150.00	151.50	1.50	RMC37572	A I	1% py ff, 1% po ff	0.02	0.00 ETS
151.50	153.00	1.50	RMC37573	A I	1% ff, 1% po ff, tr sph	0.02	0.00 ETS
153.00	154.50	1.50	RMC37574	A I	3% dissem py & ff, tr sph	0.03	0.00 ETS
154.50	156.00	1.50	RMC37575	A I	3% py ff & dissem	0.08	0.00 ETS
156.00	157.50	1.50	RMC37576	A I	2% py ff & dissem	0.03	0.00 ETS
163.50	165.00	1.50	RMC37577	A I	1 cm GO, 15°; 0.5% dissem py	0.04	0.00 ETS
165.00	166.00	1.00	RMC37578	A I	2 cm po/py, 35°; 0.5% py ff	0.02	0.00 ETS
166.00	167.00	1.00	RMC37579	A I	2% py ff, 1% po ff	0.08	0.00 ETS
167.00	168.00	1.00	RMC37581	A I W	8 cm po/py, 60°; 2% py ff	0.15	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Samples & Assays

MC94-204

From	To	Length	Sample ID	Type(s)*		Sample Description	Au† [gram/tonne]	Ag†
168.00	169.50	1.50	RMC37582	A I		1% py ff, 1% po ff	0.03	0.00 ETS
185.50	186.50	1.00	RMC37583	A I		2% po ff + dissem, 0.5% dissem py	0.05	0.00 ETS
186.50	188.00	1.50	RMC37584	A I	W	1% py ff	0.03	0.00 ETS
194.50	195.50	1.00	RMC37585	A I		1% py ff	0.02	0.00 ETS
212.50	213.50	1.00	RMC37586	A I	W	15 cm py/po/carb, 70°	0.79	0.00 ETS
223.00	224.50	1.50	RMC37587	A I		1% py ff	0.03	0.00 ETS
229.00	230.00	1.00	RMC37588	A I		FZ, 5% GO, 10% rubble, tr py	0.02	0.00 ETS
230.00	231.00	1.00	RMC37589	A I		FZ, 50% rubble, tr py	0.02	0.00 ETS
231.00	232.00	1.00	RMC37590	A I		1% dissem py	0.02	0.00 ETS
232.00	233.00	1.00	RMC37591	A I	W	1% py ff & dissem	0.14	0.00 ETS
238.00	239.00	1.00	RMC37592	A I		two 2 cm GO, 35°, 50°, 1% dissem py	0.03	0.00 ETS
239.00	240.00	1.00	RMC37593	A I		10 cm GO, 50°, 1% dissem py & ff	0.02	0.00 ETS
257.00	258.00	1.00	RMC37594	A I	W	5% dissem po & ff, 2% py, 45°	0.07	0.00 ETS
258.00	259.00	1.00	RMC37595	A I		5% dissem po, 2% dissem py, fabric 50°	0.06	0.00 ETS
259.00	260.00	1.00	RMC37596	A I		3% py ff & dissem, 1% dissem po, 70°	0.09	0.00 ETS
260.00	261.50	1.50	RMC37597	A I		3% dissem py & blebs, 2% dissem po, 60°	0.03	0.00 ETS
261.50	263.00	1.50	RMC37598	A I		1% fine py ff, 0.5% po blebs	0.02	0.00 ETS
263.00	264.50	1.50	RMC37599	A I		two 4, 18 cm py/po/qtz, 35°	1.12	0.00 ETS
264.50	265.50	1.00	RMC37601	A I		1% py ff	0.09	0.00 ETS
265.50	267.00	1.50	RMC37602	A I		1% py ff	0.06	0.00 ETS
267.00	268.00	1.00	RMC37603	A I		7% msv po vein, erratic; 3% py	0.18	0.00 ETS
268.00	269.00	1.00	RMC37604	A I		2% py ff	0.03	0.00 ETS
269.00	270.00	1.00	RMC37605	A I		3% py ff & dissem, 1% po ff	0.16	0.00 ETS
270.00	271.50	1.50	RMC37606	A I		3% py ff & dissem	0.22	0.00 ETS
271.50	273.00	1.50	RMC37607	A I		2% py ff & dissem	0.17	0.00 ETS
273.00	274.00	1.00	RMC37608	A I		1% py ff, 0.5% po ff	0.03	0.00 ETS
274.00	275.00	1.00	RMC37609	A I		25 cm po/py/sph/chl, foliation 40°	1.50	0.00 ETS
275.00	276.50	1.50	RMC37610	A I		3% py ff, tr po	0.04	0.00 ETS
276.50	277.50	1.00	RMC37611	A I		0.5% py ff	0.03	0.00 ETS
277.50	278.50	1.00	RMC37612	A I	W	3% dissem py & ff, 1% po ff	0.66	0.00 ETS
278.50	279.50	1.00	RMC37613	A I		2% py ff, 2% po ff	0.41	0.00 ETS
279.50	280.50	1.00	RMC37614	A I		25 cm msv po/py/carb, irreg contacts	1.47	0.00 ETS
280.50	281.50	1.00	RMC37615	A I		3% dissem py & ff, 1% po ff	0.73	0.00 ETS
281.50	283.00	1.50	RMC37616	A I		1% py ff, 0.5% po ff, tr sph	0.04	0.00 ETS
283.00	284.00	1.00	RMC37617	A I		1% po ff & blebs	0.35	0.00 ETS
284.00	285.00	1.00	RMC37618	A I		2% py ff, 1% dissem po	0.18	0.00 ETS
285.00	286.00	1.00	RMC37619	A I		2 cm po/py, 45°; 3% dissem po	0.25	0.00 ETS
286.00	287.50	1.50	RMC37621	A I		tr dissem po	0.12	0.00 ETS
287.50	288.50	1.00	RMC37622	A I		2% dissem po	0.03	0.00 ETS
288.50	289.50	1.00	RMC37623	A I		5% dissem po & ff	0.04	0.00 ETS
289.50	290.50	1.00	RMC37624	A I		5% dissem po & ff	0.04	0.00 ETS
290.50	292.00	1.50	RMC37625	A I		3% dissem po	0.05	0.00 ETS
292.00	293.50	1.50	RMC37626	A I		3% dissem po	0.07	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Samples & Assays

MC94-204

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†
293.50	295.00	1.50	RMC37627	A I	2% dissem po	0.02	0.00 ETS
295.00	296.50	1.50	RMC37628	A I	3% dissem po & ff, 0.5% py ff	0.03	0.00 ETS
296.50	298.00	1.50	RMC37629	A I W	3% dissem po & ff, 0.5% py ff	0.04	0.00 ETS
298.00	299.50	1.50	RMC37630	A I	3% dissem po	0.05	0.00 ETS
320.50	322.00	1.50	RMC37631	A I W	2% dissem py & ff	0.14	0.00 ETS
322.00	323.00	1.00	RMC37632	A I	3% dissem py & ff	0.89	0.00 ETS
323.00	324.00	1.00	RMC37633	A I	3% dissem py & ff, 1% dissem po	0.36	0.00 ETS
324.00	325.00	1.00	RMC37634	A I	3% dissem py, 2% dissem po, 2% sph	1.31	0.00 ETS
326.00	326.00	0.00	RMC37635	A I	3% dissem py, tr sph	0.08	0.00 ETS
326.00	327.00	1.00	RMC37636	A I	3% dissem py & ff	0.06	0.00 ETS
327.00	328.00	1.00	RMC37637	A I	2% dissem py, 0.5% dissem po	0.16	0.00 ETS
328.00	329.00	1.00	RMC37638	A I	2% po blebs & ff, 1% py ff	0.34	0.00 ETS
329.00	330.00	1.00	RMC37639	A I	2% po blebs & ff, 1% py ff	0.33	0.00 ETS
330.00	331.00	1.00	RMC37641	A I	3% dissem po & stockwork,1% dissem py	0.42	0.00 ETS
331.00	332.00	1.00	RMC37642	A I	2% dissem po & wisps, 1% py ff	0.46	0.00 ETS
332.00	333.50	1.50	RMC37643	A I	1% dissem py	0.08	0.00 ETS
341.50	343.00	1.50	RMC37644	A I W	2% po ff, 1% py ff	0.61	0.00 ETS
343.00	344.50	1.50	RMC37645	A I	2mm po/py/carb, 0°	0.10	0.00 ETS
344.50	345.50	1.00	RMC37646	A I	2mm po/py/carb, 0°	0.14	0.00 ETS
345.50	347.00	1.50	RMC37647	A I	1% py blebs, 0.5% po blebs	0.03	0.00 ETS
347.00	348.50	1.50	RMC37648	A I	2% py blebs & ff, 0.5% po	0.15	0.00 ETS
348.50	349.50	1.00	RMC37649	A I	1% py blebs, 1% po blebs	0.47	0.00 ETS
349.50	350.50	1.00	RMC37650	A I	6 cm po/py, 50°	0.57	0.00 ETS
350.50	351.50	1.00	RMC37651	A I	2% po blebs, 1% py blebs	0.70	0.00 ETS
351.50	353.00	1.50	RMC37652	A I	2% po blebs, 1% py blebs	2.39	0.00 ETS
353.00	354.00	1.00	RMC37653	A I	2% po ff & dissem, 0.5% py ff	0.25	0.00 ETS
354.00	355.50	1.50	RMC37654	A I	3 cm po/py/carb, 55°	0.21	0.00 ETS
355.50	356.50	1.00	RMC37655	A I	2% dissem po, 1% dissem py & ff	0.03	0.00 ETS
356.50	357.60	1.10	RMC37656	A I	2% dissem po, 1% dissem py & ff	0.02	0.00 ETS
357.60	360.40	2.80	RMC37657	A I	3% po ff & dissem, tr py	0.08	0.00 ETS
360.40	361.40	1.00	RMC37658	A I	5% po ff & dissem, 1% py ff	0.24	0.00 ETS
361.40	362.40	1.00	RMC37659	A I W	3% dissem po	0.02	0.00 ETS
371.00	372.00	1.00	RMC37661	A I	3% po ff & dissem	0.22	0.00 ETS
372.00	373.00	1.00	RMC39236	A I	3% po	0.13	0.00 ETK
373.00	374.00	1.00	RMC39245	A I	3% po	0.02	0.00 ETK
374.50	376.00	1.50	RMC37662	A I	3% po ff & dissem	1.65	0.00 ETS
376.00	377.00	1.00	RMC39237	A I	2% dissem/fiff py, 3% po	0.08	0.00 ETK
377.00	378.00	1.00	RMC39238	A I	3% dissem/fiff py, 3% po	0.14	0.00 ETK
378.00	379.00	1.00	RMC37663	A I W	3% po ff & dissem, 1% py ff	0.27	0.00 ETS
384.50	385.50	1.00	RMC37664	A I	3% dissem po & ff, 1% py ff	0.43	0.00 ETS
389.00	390.00	1.00	RMC37665	A I	3% dissem po & ff, 0.5% py ff	0.03	0.00 ETS
390.00	391.00	1.00	RMC37666	A I	two 2, 10 cm po/py/carb, 40°	0.13	0.00 ETS
391.00	392.00	1.00	RMC37667	A I	3% dissem po & ff, 0.5% py	0.11	0.00 ETS
392.00	393.50	1.50	RMC37668	A I	5% dissem po	0.02	0.00 ETS
393.50	394.80	1.30	RMC37669	A I	1cm po/py/carb, 0°	2.44	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Samples & Assays

MC94-204

From	To	Length	Sample ID	Type(s)*		Sample Description	Au† [gram/tonne]	Ag†
394.80	396.00	1.20	RMC37670	A I		1cm po/py/carb, 0°	2.08	0.00 ETS
396.00	397.00	1.00	RMC37671	A I		3% dissem po, 2% py ff	0.07	0.00 ETS
397.00	398.50	1.50	RMC37672	A I		2% po ff & dissem, 1% py ff	0.09	0.00 ETS
398.50	400.00	1.50	RMC37673	A I	W	2% dissem & ff, 1% po ff	0.02	0.00 ETS
400.00	401.50	1.50	RMC37674	A I		2% po ff & dissem, 1% py ff	0.05	0.00 ETS
401.50	403.00	1.50	RMC37675	A I		2% po ff & dissem, 1% py ff	0.03	0.00 ETS
411.00	412.00	1.00	RMC37676	A I		5% dissem po & blebs, 0.5% py ff	0.02	0.00 ETS
412.00	413.00	1.00	RMC37677	A I		3% dissem & ff, 1% py ff	0.02	0.00 ETS
413.00	414.00	1.00	RMC37678	A I		5% dissem po & ff, 1% py ff	0.02	0.00 ETS
414.00	415.00	1.00	RMC37679	A I		3% dissem po & fiff, 1% py ff	0.02	0.00 ETS
421.00	422.00	1.00	RMC37681	A I	W	3% dissem po & ff, 1% py ff	0.02	0.00 ETS
437.00	438.50	1.50	RMC37682	A I		3% dissem po & blebs, tr py	0.02	0.00 ETS
440.00	441.50	1.50	RMC37683	A I	W	3% dissem po	0.02	0.00 ETS
447.50	449.00	1.50	RMC37684	A I		3% dissem po & ff, 1% py ff & dissem	0.02	0.00 ETS
449.00	450.00	1.00	RMC37685	A I		3% dissem po & ff, 1% py ff & dissem	0.02	0.00 ETS
450.00	451.00	1.00	RMC37686	A I		5% ff & dissem, 1% py ff & dissem	0.11	0.00 ETS
451.00	452.00	1.00	RMC37687	A I		50 cm py/po/sph, 65°	0.81	0.00 ETS
452.00	453.00	1.00	RMC37688	A I		5% po ff & dissem, 2% py ff	0.03	0.00 ETS
453.00	454.00	1.00	RMC37689	A I		5% dissem po, 1% py ff	0.02	0.00 ETS
454.00	455.50	1.50	RMC37690	A I		5% dissem po, 1% py ff	0.02	0.00 ETS
455.50	457.00	1.50	RMC37691	A I		3% dissem po, 2% dissem py	0.02	0.00 ETS
466.00	467.00	1.00	RMC37692	A I	W	5% dissem po, 2% dissem py	0.58	0.00 ETS
467.00	468.00	1.00	RMC37693	A I		7% po ff & dissem, 2% py ff	0.02	0.00 ETS
468.00	469.00	1.00	RMC37694	A I		5% dissem po & ff, 1% py ff	0.02	0.00 ETS
469.00	470.50	1.50	RMC37695	A I		5% dissem po & ff, 1% py ff	0.02	0.00 ETS
470.50	472.00	1.50	RMC37696	A I		5% po fiff & dissem, 1% py ff	0.06	0.00 ETS
472.00	473.50	1.50	RMC37697	A I		5% dissem po, 1% py ff	0.02	0.00 ETS
473.50	475.00	1.50	RMC37698	A I		5% dissem po & ff, 1% py ff	0.02	0.00 ETS
475.00	476.50	1.50	RMC37699	A I		10% po ff & dissem, 2% py ff	0.19	0.00 ETS
476.50	478.00	1.50	RMC37701	A I		7% po fiff & dissem, 1% py ff	0.02	0.00 ETS
478.00	479.50	1.50	RMC37702	A I		10% po ff & dissem, 1% py ff	0.02	0.00 ETS
479.50	481.00	1.50	RMC37703	A I		10% po ff & dissem, 1% py ff	0.02	0.00 ETS
481.00	482.50	1.50	RMC37704	A I		5% dissem po & wisps, 1% py ff	0.02	0.00 ETS
482.50	484.00	1.50	RMC37705	A I		3% dissem py & ff, 3% po ff & dissem	0.02	0.00 ETS
484.00	485.50	1.50	RMC37706	A I		5% dissem po, 2% py ff	0.02	0.00 ETS
485.50	487.00	1.50	RMC37707	A I	W	5% dissem po & ff, 2% py ff	0.02	0.00 ETS
487.00	488.50	1.50	RMC37708	A I		10% dissem po & fiff, 1% py ff	0.41	0.00 ETS
488.50	489.50	1.00	RMC37709	A I		7% dissem po & fiff, 1% py ff	0.02	0.00 ETS
489.50	490.50	1.00	RMC37710	A I		5% mg dissem po, 1% py ff	0.19	0.00 ETS
490.50	491.50	1.00	RMC37711	A I		5% dissem po, 3% dissem py, fabric 45°	1.01	0.00 ETS
491.50	492.50	1.00	RMC37712	A I		3% dissem py & ff, 2% dissem po	0.02	0.00 ETS
492.50	493.50	1.00	RMC37713	A I		3% dissem po, 1% dissem py & ff	0.02	0.00 ETS
493.50	494.50	1.00	RMC37714	A I		3% dissem py, 2% dissem po	0.15	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Lac Minerals Ltd.
Red Mountain
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DRILL LOG
DOWN-HOLE SURVEY

MC94-204

Lengths measured in meters

Logged by: Scott Frostad	22/10/94
Checked by:	/ /

Northing	1,495.380	Length	551.69
Easting	4,598.697	Azimuth	090.0
Elevation	1,965.519	Dip	-50.0

DOWN-HOLE SURVEYs

MC94-204

Depth	Dip°	Az°	Note
0.00	-48.50	089.00	
15.24	-48.50	089.00	
60.96	-48.00	097.00	
121.92	-45.50	098.00	
182.88	-44.00	102.50	
243.84	-41.00	103.00	
304.80	-39.00	103.50	
365.76	-36.00	107.50	
426.72	-32.50	113.50	
487.68	-29.50	116.50	
548.64	-26.50	119.50	

Lac Minerals Ltd.
Red Mountain

LAC

MC94-223

SUMMARY DRILL REPORT

Location Coordinates

Northing	1,492.171
Easting	4,169.735
Elevation	1,828.880

Length & Collar Orientation

Length	524.34
Azimuth	90.0
Dip	-60.0

Field Location	British Columbia	Lengths measured in meters	
Casing	3.66	Started	/ /
Core Size	BQTK	Completed	/ /
Logged by	Rob McLeod	Logged	19/10/94
Checked by		Checked	/ /
Mx'n Zone			
Claim Group	ORO1		
Map Refer'ce	103P/13W		
Region	Skeena Mining Division		
Driller	JT Thomas		
Assayer	EcoTech Laboratories		

Comments

Drilled to step out 141 zone across GY and Zig faults. Appeared to hit the gold horizon. • No sperry suns taken.

Condensed Log

MC94-223

Interval		Rock Type	Grain size	Modifier
0.00	3.66	Casing		
3.70	20.10	BdT blk graph	fT	graph
20.10	49.90	BdT interbed chty & blk, strong porc	fT	chert
49.90	89.80	BdT	fT	blk
89.80	96.40	BdT BdT strong porc, strong ser	fT	porc
96.40	119.50	BdT blk BdT, wk-abs porc, wk graph	fT	blk
119.50	123.70	HFBp grn-gry	cmfT	
123.70	124.20	AND dyke	fT	grn
124.20	124.40	HFBp	cmfT	
124.40	124.60	FZ sandy GO & rbl over 20cm; irreg frac		
124.60	128.30	HFBp	cmfT	
128.30	132.90	BC:HFp mod to bly BC w/ lim ff		
132.90	137.20	HFBp	cmfT	

Interval		Rock Type	Grain size	Modifier
137.20	137.60	FZ sandy go & rib over 40cm; irreg frac		
137.60	140.30	HFBp	cmfT	
140.30	154.20	BdT blk graph argillite	fT	graph
154.20	180.50	HFBp chloritic	cmfT	chl
180.50	182.00	FZ:HFBp 10cm fg GO		
182.00	220.60	HFBp chloritic	cmfT	chl
220.60	245.40	BdT blk graph argillite	fT	graph
245.40	247.00	FZ:fT gougy FZ &strong BC	fT	graph
247.00	256.30	BdT blk graph argillite	fT	graph
256.30	262.20	HFBp HFBp dyke	cmfT	
262.20	273.50	BdT blk graph argillite	fT	graph
273.50	274.40	FZ 3cm of GO @ 60°		
274.40	341.40	BdT blk graph argillite	fT	graph
341.40	348.90	HF(B)xl	mfT	
348.90	352.50	BdT dk gry BdT, wk porc	fT	
352.50	368.20	HF(B)xl	cmfT	
368.20	378.20	BdT dk gry-blk BdT	fT	
378.20	391.70	BdT BdT w/ mod-str porc; 3% py 2% po 0.5% sph	cherty	porc
391.70	394.40	FHxl sulfide rich FHxl	mfT	
394.40	414.50	BdT BdT, strong porc; 2-10% po, tr-1% sph, 1-4% py	cherty	porc
414.50	418.00	QHBFp grn-gry QHBFp	cmfT	
418.00	421.40	Brn AND? dyke early AND? dyke	fT	
421.40	425.10	QHBFp grn-gry QHFBp	cmfT	
425.10	431.10	BdT BdT, strong porc	cherty	porc
431.10	434.70	Strong BC: BdT FZ:tr f-cg GO	cherty	porc
434.70	448.50	BdT BdT strong porc	cherty	porc
448.50	463.40	FHxl grn-gry FHxl	mfT	
463.40	471.10	BdT BdT, strong porc, 4-7% py	cherty	porc

Interval		Rock Type	Grain size	Modifier
471.10	489.10	HFBp grn, chl HFBp	cmfT	chl
489.10	489.50	FZ FZ <25°		
489.50	496.30	FHxl med gry FHxl, 3-5% py	mfT	
496.30	497.60	FZ: chl alt'n gougy FZ w/ chl fT frag?		
497.60	524.34	FHxl med gry FHxl, 3-5% py	mfT	
524.34	524.34	EOH		

Lac Minerals Ltd.
Red Mountain
WOTAN

LAC

DRILL LOG
GEOLOGY DESCRIPTION

MC94-223

Lengths measured in meters

Logged by: Rob McLeod	19/10/94		
Checked by:	/ /		

Northing	1,492.171	Length	524.34
Easting	4,169.735	Dip	-60.0
Elevation	1,828.880	Az	90.0

Geology Description

MC94-223

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
0.00	3.66	Casing			A
3.70	20.10	BdT	fT	graph	A
		blk graph			
		LITHOLOGY: Black to dark grey fine grained BdT. STRUCTURE: Well bedded; regularly distorted or disrupted, bedding commonly 40° to 50°, weak lim fracture fill, weak broken core. ALTERATION: Weak pervasive and fracture fill graphite, hard H> 5.0 over most of the unit, trm? Sil? Weak sil in stockwork to 5 mm, weak carb cc and Fe-carb fracture fill. MINERALIZATION: Trace py, trace po. LC: Sharp at 55°.			
3.70	8.10				B
		STRUCTURE: Weak broken core, lim fracture fill; surface weathering.			
4.00	6.00				C
		STRUCTURE: Bedding = 50°.			
8.10	9.30				B
		STRUCTURE: Strong rubbly broken core, lim fracture fill; surface weathering?			
9.30	22.70				B
		STRUCTURE: Weak broken core, lim fracture fill, surface weathering.			
11.00	15.00				C
		STRUCTURE: Bedding = 50°.			
15.00	20.00				C
		STRUCTURE: Bedding = 40°.			
20.10	49.90	BdT	fT	chert	A
		interbed chty & blk, strong porc			
		LITHOLOGY: Interbed black and cherty light grey very fine grained BdT, with regularly shattered, disrupted or distorted bedding. Crosscutting or bed parallel, ser veins. ALTERATION: Moderate ser alteration as veinlets to 1 cm, strong porc/sil alteration, absent to strong tourmaline alteration. MINERALIZATION: trace to 1% po, 1% py LC: gradational			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
22.00	29.00				C
		STRUCTURE: Bedding at 80°; locally disrupted.			
22.70	109.90				B
		wk BC, wk lim ff, sfc weather			
29.00	33.50				C
		STRUCTURE: Disrupted bedding.			
33.50	37.00				C
		STRUCTURE: bedding at 60°			
37.00	39.00				C
		STRUCTURE: bedding at 55°			
39.00	40.20				B
		mod BC, lim ff			
		STRUCTURE: moderate angular broken core with strong lim ff. Dominant fracture angle 0-20°			
45.80	47.50				C
		STRUCTURE: bedding at 75°			
47.00	48.50				C
		ALTERATION: intense tourmaline alteration			
49.90	89.80	BdT	fT	blk	A
		LITHOLOGY: dark grey-black well bedded fine grained BdT STRUCTURE: well bedded, commonly irregularly folded and disrupted. ALTERATION: absent - locally moderate pervasive tourmaline, weak carb ff/veinlets to 1cm; weak pervasive porc/sil, weak local graphite ff. MINERALIZATION: trace to 1% dissem and ff py, trace po. LC: sharp, irregular			
55.90	60.30				B
		mod BC, lim ff			
		STRUCTURE: moderate angular BC with strong lim ff COMMENTS: likely due to surface weathering			
62.00	66.50				C
		STRUCTURE: bedding at 65°			
64.60	64.70				C
		STRUCTURE: vuggy cc veins with angular BdT fragments to 3cm, with 2cm fragments at 30°			
66.50	72.90				C
		STRUCTURE: distorted bedding			
75.00	77.20				C
		STRUCTURE: bedding at 55°			
76.90	77.00				C
		STRUCTURE: 3cm vuggy cc vein with 60% black angular BdT fragments to 1cm at 55°			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
82.70	89.70				C
		STRUCTURE: weak to moderate BC with carb and lim ff; likely due to surface weathering			
89.80	96.40	BdT	fT	porc	A
		BdT strong porc, strong ser			
		LITHOLOGY: white to medium grey well bedded very fine grained BdT. STRUCTURE: well bedded, commonly shattered or distorted. ALTERATION: stong ser as irregular veins to 2cm, strong sil/porc pervasive, weak carb alteration as fracture fill. MINERALIZATION: 2% wispy po, 1% py LC: sharp, irregular			
91.50	93.50				C
		STRUCTURE/ALTERATION: laminated very fine grained ser veinlets at 35° to 2cm; 10 per metre			
95.00	96.40				C
		ALTERATION: 15% ser as irregular veinlets			
96.40	119.50	BdT	fT	blk	A
		blk BdT, wk-abs porc, wk graph			
		LITHOLOGY: black to dark grey well bedded fine grained BdT, commonly distorted bedding, locally shattered in porc areas. ALTERATION: locally moderate to absent pervasive tourmaline, weak ff graph, weak carb as ff or local vuggy veins to 30cm. MINERALIZATION: 2% po wispy with less dissem, trace to 1% dissem fine grained py LC: sharp, irregular			
96.40	116.00				C
		STRUCTURE: weak angular BC with weak lim/carb ff			
96.40	119.00				C
		COMMENTS: common concoidal fractures, possibly indicating presence of tourmaline or silicification			
98.90	99.00				C
		STRUCTURE: 1cm carb/po/sph vein at 15°			
101.00	103.00				C
		STRUCTURE: bedding at 50°			
110.90	111.30				B
		vuggy cc vn/FZ			
		STRUCTURE: 30cm vuggy cc vein with angular BdT fragments and Fe-carb laminations at 75°			
115.00	119.00				C
		STRUCTURE: bedding at 55°			
117.90	118.20				C
		ALTERATION: bleaching of 30cm bed at 55°; soft-"soapy" feel			
119.50	123.70	HFBp	cmfT		A
		grn-gry			
		LITHOLOGY: medium grey to green grey massive BHFxl with 25-30% cream to light grey subhedral hornblende needles <3mm, 10-20% anhedral Fxl ghosts <4mm, 10-15% euhedral biotite psuedos <5mm, very fine grained-aphanitic matrix. ALTERATION: moderate pervasive ser alteration, moderate pervasive K-spar alteration, moderate carb alteration as veins to 3cm, irregular veins and ff, and tension fractures; both cc and Fe-carb; weak pervasive and ff chl. MINERALIZATION: 1% dissem and ff po, 2% fine to coarse grained py LC: 90° sharp			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
120.00	123.70				C
		STRUCTURE: cc, chl, Fe-carb veins/tension fractures at 35° to 2cm, average 6 per metre, weak lim ff			
123.70	124.20	**AND dyke**	fT	grn	A
		LITHOLOGY: dark grey to green massive fine grained andesite dyke; 3% fine grained lcx? anhedral white crystals <1mm. STRUCTURE: massive; very weak flow banding at 75°			
124.20	124.40	**HFBp**	cmfT		A
		DAP: 119.5-123.7m			
124.40	124.60	**FZ**			A
		sandy GO & rbl over 20cm; irreg frac			
124.60	128.30	**HFBp**	cmfT		A
		DAP: 119.5-123.7m			
128.30	132.90	**BC:HFp**			A
		mod to bly BC w/ lim ff			
		STRUCTURE: moderate to rubbly BC with strong lim ff; fracture angles generally 5-15°			
132.90	137.20	**HFBp**	cmfT		A
		DAP: 119.5-123.7m			
137.20	137.60	**FZ**			A
		sandy go & rlb over 40cm; irreg frac			
137.60	140.30	**HFBp**	cmfT		A
		DAP: 119.5-123.7m except LC: sharp at 45°			
140.30	154.20	**BdT**	fT	graph	A
		blk graph argillite			
		LITHOLOGY: black fine grained BdT with irregular distorted bedding STRUCTURE: fine grained irregular bedding, extensive cc, and Fe-carb stockwork and veining moderate angular BC throughout with weak-absent lim ff. ALTERATION: weak-absent pervasive sil and tourmaline alteration, moderate to strong carb alteration as stockwork and ff; weak to absent graph as ff. MINERALIZATION: 2-3% fine to medium grained dissem py LC: sharp, irregular			
140.30	150.00				C
		ALTERATION: strong cc and Fe-carb stockwork, 30-3mm veinlets per metre to 3cm, commonly 40-50°			
154.20	180.50	**HFBp**	cmfT	chl	A
		chloritic			
		LITHOLOGY: light to dark green to grey green massive HFp with 25-30% light grey green alteration subhedral hornblende needles <3mm; 15-25% to cryptic anhedral Fxl ghosts <2mm, 2-15% subhedral-euhedral biotite crystals <5mm; absent to 5% rounded to irregular shaped xenos, highly altered; very fine grained-aphanitic matrix. ALTERATION: moderate to strong pervasive and ff chl, weak axinite as irregular tension fractures, weak to moderate cc and Fe-carb as stockwork, weak graph pervasive and ff near UC and LC; moderate pervasive ser alteration moderate-strong pervasive K-spar alteration MINERALIZATION: trace to 1% dissem py and po LC: sharp, irregular COMMENTS: chl content is commonly quite strong, decreasing locally; rounded, altered, usually pale xenos tend to cluster			
154.20	156.00				C
		ALTERATION: weak pervasive and ff graph near UC			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
164.00	166.00				C
		ALTERATION: cc/axinite irregular veins and tension fractures to 1cm, 5° to 15°			
166.10	167.60				C
		STRUCTURE: weak BC with weak carb and lim ff			
177.00	180.50				C
		ALTERATION: Fe-carb stockwork at 45°-55°; 3-4mm veinlets			
180.50	182.00	FZ:HFBp			A
		10cm fg GO			
		STRUCTURE: 10cm fine to medium grained gouge with 3% py at 55°; 1.4m of moderate BC and moderate lim ff. ALTERATION: some bleaching and strong Fe-carb +/- cc stockwork as a selvage to FZ			
182.00	220.60	HFBp	cmfT	chl	A
		chloritic			
		DAP: 154.2-180.5m except weak local epi in tension fractures with axinite and carb; maybe pervasive epidote			
187.00	219.00				B
		3% alt xenos			
		LITHOLOGY: 3% alteration rounded xenos to 13cm, most less than 1cm COLOUR: dark grey to white			
190.50	193.50				C
		STRUCTURE: weak BC, irregular qtz/carb veins to 18cm, weak lim ff; likely water conduit, not FZ			
197.60	198.70				C
		ALTERATION: strong Fe-carb stockwork at 25-35° with bleached selvages			
200.70	205.50				C
		ALTERATION: irregular carb/qtz +/- py veins to 2cm; weak pervasive chl alteration, strong pervasive ser			
208.70	212.00				C
		ALTERATION: carb/axinite/epi tension fractures at 5-10°, to 1.5m thick			
218.80	220.60				C
		ALTERATION: weak to moderate pervasive and ff graph closer to cc			
220.60	245.40	BdT	fT	graph	A
		blk graph argillite			
		LITHOLOGY: fine grained black to dark grey BdT; tops appear to be towards EOH. STRUCTURE: well bedded, commonly distorted, common interfingering between grey and black beds; moderate to strong BC throughout ALTERATION: moderate to strong pervasive and ff graph, weak to moderate carb alteration as ff and stockwork, weak sil alteration as stockwork with carb, maybe some pervasive, weak pervasive tourmaline? maybe hornfels MINERALIZATION: 2% fine grained dissem py LC: FZ			
221.80	222.40				C
		STRUCTURE: strong BC; likely not FZ			
223.00	233.00				C
		ALTERATION: qtz/carb stockwork at 45°, commonly irregular			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
226.00	226.60				C
		STRUCTURE: bedding at 30°; tops towards EOH?			
230.00	232.70				C
		STRUCTURE: bedding at 60°; tops likely towards EOH			
234.00	237.00				C
		ALTERATION: moderate to strong pervasive trm; hornfelsing? H>5.0			
237.00	237.70				C
		STRUCTURE: bedding at 60°			
237.70	239.90				C
		STRUCTURE: strong BC, rubbly; likely not FZ			
239.30	239.40				C
		COMMENTS: Cave marker block			
245.40	247.00	**FZ:fT**	**fT**	**graph**	A
		gougy FZ &strong BC			
		STRUCTURE: strong BC with 4cm fine to medium grained graph gouge			
247.00	256.30	**BdT**	**fT**	**graph**	A
		blk graph argillite			
		DAP: 220.6 to 245.4m LC: steep, sharp, irregular			
249.00	252.30				C
		STRUCTURE: bedding at 60°			
250.00	253.10				C
		STRUCTURE: strong BC; likely not FZ			
256.30	262.20	**HFBp**	**cmfT**		A
		HFBp dyke			
		LITHOLOGY: medium green to grey HFBp with 25% subhedral hornblende needles <3mm, 20% subhedral-anhedral white to cloudy Fxls <2mm, 5-10% euhedral bio phenos <4mm; fine grained to aphanitic matrix. ALTERATION: strong pervasive K-spar, moderate pervasive ser, weak ff and stockwork carb, weak pervasive and ff chl. MINERALIZATION: trace to 2% dissem py. LC: sharp 90°			
262.20	273.50	**BdT**	**fT**	**graph**	A
		blk graph argillite			
		LITHOLOGY: fine grained black BdT with fair bedding. STRUCTURE: locally disrupted bedding, otherwise massive or fair bedding; weak to moderate BC. ALTERATION: moderate to absent localized pervasive tourmaline? or hornfelsing? moderate ff and stockwork carb, weak to strong pervasive and ff graph. MINERALIZATION: 1% dissem fine grained py LC: FZ at 60°			
262.20	266.00				C
		STRUCTURE: bedding from 70-90°			
266.00	266.50				B
		wk FZ: 6mm of GO @ 80°			
		STRUCTURE: 6mm of black fine to medium grained gouge at 80°; weak BC ALTERATION: strong carb irregular stockwork			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
268.70	273.50				C
		ALTERATION: strong Fe-carb and cc stockwork, strong graph ff; irregular fractures & stockwork. STRUCTURE: moderate angular BC MINERALIZATION: 4-6% fine grained py dissem and py			
273.50	274.40	**FZ**			A
		3cm of GO @ 60°			
		STRUCTURE: 3cm of fine to medium grained gouge, 60cm of strong BC			
274.40	341.40	**BdT**	**fT**	**graph**	A
		blk graph argillite			
		LITHOLOGY: fine grained black to dark grey BdT with good to disrupted bedding STRUCTURE: well-bedded, commonly disrupted, locally massive weak to moderate BC throughout ALTERATION: weak to moderate pervasive and ff graph, weak to moderate pervasive tourmaline? or hornfelsing? localized sil or porc; weak to moderate carb stockwork. MINERALIZATION: 2 to 6% fine grained py; replacement of grains towards top of unit, otherwise dissem, or ff; 1% to absent po LC: BC			
274.40	284.30				C
		MINERALIZATION: 5-6% py as bed parallel replacement of grains with py; lesser dissem and ff			
279.00	281.00				C
		STRUCTURE: bedding at 40-50°			
283.00	285.00				C
		STRUCTURE: bedding at 60°			
288.00	289.50				C
		STRUCTURE: bedding at 50°			
290.00	318.00				C
		ALTERATION: weak to moderate irregular sil (qtz) and carb stockwork			
293.50	295.50				C
		STRUCTURE: bedding at 45°			
295.70	299.40				C
		STRUCTURE: bedding at 55°			
301.00	302.00				C
		STRUCTURE: bedding at 50°			
302.00	304.60				C
		STRUCTURE: strong BC; likely not FZ			
306.00	313.00				C
		STRUCTURE: moderate to strong BC; not FZ			
313.00	319.00				C
		STRUCTURE: disrupted bedding			
322.30	328.10				B
		wk porc alt'n			
		ALTERATION: weak pervasive porcelain/sil; could also be tourmaline or hornfelsing			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
323.10	330.10				C
		STRUCTURE: moderate to strong BC; likely not FZ			
331.90	332.30				C
		STRUCTURE: strong rubbly BC; likely not FZ			
340.20	340.40				C
		ALTERATION: 17cm carb vein at 75° (fine grained cc)			
340.40	340.50				C
		MINERALIZATION: 3cm py/po carb vein at 80°			
341.40	348.90	**HF(B)xl**	**mfT**		A
		LITHOLOGY: dark grey to medium green grey HF(B)xl with 30% subhedral light green grey hornblende needles <3mm, 10-25% anhedral Fxl ghosts <3mm; trace subhedral bio? phenos <5mm, 60cm dark grey to black fT fragment LC: sharp at 60° ALTERATION: weak to moderate pervasive and ff chl, moderate pervasive ser, weak pervasive K-spar, weak carb alteration as ff; dark grey pervasive magnetism (po?) MINERALIZATION: 2% fine grained dissem po, 3% stringer, dissem and ff py			
345.50	346.10				B
		fT frag			
		LITHOLOGY: dark grey to black fT fragment no discernable bedding; MINERALIZATION: 1.5cm py/po/sph vein, 1cm py vein UC: 70° LC: 35°			
345.70	345.80				C
		MINERALIZATION: 1.5cm py/po/sph vein at 90°			
348.90	352.50	**BdT**	**fT**		A
		dk gry BdT, wk porc			
		LITHOLOGY: dark grey to black fine grained BdT STRUCTURE: poor disrupted bedding, likely folded due to intrusion. ALTERATION: weak pervasive porc/sil, weak chl ff, weak carb (cc) ff MINERALIZATION: 2% dissem and wispy dissem po, 1-2% dissem and ff py LC: sharp at 70°			
352.50	368.20	**HF(B)xl**	**cmfT**		A
		LITHOLOGY: dark grey to medium green grey massive HF(B)xl with 25-35% subhedral pink grey to cream hornblende needles <3mm, 10-20% anhedral Fxl ghosts <3mm, trace to 2% subhedral-euhedral pink to grey bio books <5mm, very fine grained-aphanitic matrix. ALTERATION: strong pervasive K-spar alteration, moderate pervasive ser alteration, weak-moderate pervasive and ff chl, weak carb as ff and tension fractures to 1cm, about 0.5 per metre MINERALIZATION: 2-4% fine to coarse grained py as granular patches with lesser stringers to 3mm and dissem, 1-2% po as dissem, ff and tension fractures with carb. LC: irregular, sharp COMMENTS: may be transition stage from HFBp to HFxl			
359.00	364.00				C
		ALTERATION: qtz/carb/po tension fractures at 20-30°; about 1, 1cm vein per metre			
365.00	368.70				C
		MINERALIZATION: 4-5% fine to coarse grained py patches and irregular veins to 1cm			
368.20	378.20	**BdT**	**fT**		A
		dk gry-blk BdT			
		LITHOLOGY: dark grey-black BdT. STRUCTURE: good-fair bedding, locally disrupted; weak to strong angular BC throughout. ALTERATION: weak pervasive and ff ser, weak ff carb, weak to absent sil near contacts. MINERALIZATION: 3-4% dissem po, trace to 1% dissem and ff py LC: gradational			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
371.80	374.30				C
		STRUCTURE: strong angular BC; not FZ			
374.30	376.00				C
		STRUCTURE: bedding at 75°			
376.50	378.00				C
		STRUCTURE: bedding at 55°			
378.20	391.70	BdT	cherty	porc	A
		BdT w/ mod-str porc; 3% py 2% po 0.5% sph			
		LITHOLOGY: light-medium grey massive to well bedded porcelain BdT ALTERATION: moderate-strong porcelain alteration, moderate ser as pervasive and veinlets to 1cm, weak pervasive K-spar, weak carb ff, weak ff chl MINERALIZATION: 3% dissem and granular patches of py, 2% granular patches and dissem po, trace-0.5% dissem sph. LC: sharp, pyritic at 60°			
386.10	387.00				C
		STRUCTURE: bedding at 80°			
389.50	390.40				C
		STRUCTURE: bedding at 70°			
391.70	394.40	FHxl	mfT		A
		sulfide rich FHxl			
		LITHOLOGY: dark grey to medium green-grey massive FHxl with 20-25% subhedral to cryptic hornblende needles <2mm, 10-25% subhedral-anhedral Fxls <2mm; very fine grained-aphanitic matrix ALTERATION: strong perv K-spar, moderate pervasive ser, weak to moderate carb as tension fractures and ff to 1.5cm with po, weak pervasive sil alteration, weak pervasive and ff chl MINERALIZATION: 2-10% po as very fine grained pervasive with lesser fine grained patches and dissem, 3% py as fine grained granular patches with lesser dissem, trace to 0.5% dissem sph, trace dissem cpy LC: sharp at 80°			
391.70	392.20				B
		semi-msv perv po			
		MINERALIZATION: 12% po, 3% py, trace cpy			
394.40	414.50	BdT	cherty	porc	A
		BdT, strong porc; 2-10% po, tr-1% sph, 1-4% py			
		LITHOLOGY: light-medium grey massive, locally fractured porc BdT. STRUCTURE: fair bedding, semi-massive pervasive po ALTERATION: strong pervasive porc/sil, weak-moderate ser as pervasive of veinlets to 2cm, weak carb as irregular stockwork, moderate-absent chl as pervasive and ff, weak-moderate pervasive K-spar MINERALIZATION: 2-10% dissem to semi-massive pervasive po, trace cpy, trace-1% sph dissem, 1-4% fine to medium grained py			
395.00	396.30				C
		STRUCTURE: bedding @ 60°			
397.00	398.00				C
		STRUCTURE: bedding at 65°			
399.80	402.70				B
		semi-msv perv po			
		MINERALIZATION: 10-15% pervasive po, with granular and stringer patches, trace cpy, 2-3% dissem py ALTERATION: moderate pervasive and ff chl, moderate pervasive ser			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
404.00	407.30				C
		STRUCTURE: strong angular BC; not likely FZ			
408.40	410.50				C
		STRUCTURE: strong angular BC; not likely FZ			
412.40	412.50				C
		MINERALIZATION: 1.5cm semimassive-massive po/py vein at 65°			
412.90	413.00				C
		MINERALIZATION: 10cm semimassive-massive po/py patch			
414.50	418.00	**QHBFp**	**cmfT**		A
		grn-gry QHBFp			
		LITHOLOGY: medium grey-green grey massive QHBFp with 25-30% pink-cream subhedral hornblende needles <3mm, 5-10% to cryptic anhedral Fxl ghosts <3mm, 5-10% euhedral pink-cream bio phenos <6mm ALTERATION: moderate-strong pervasive K-spar, weak-moderate pervasive and ff chl, moderate pervasive ser, weak carb ff. MINERALIZATION: 3-4% dissem and wispy dissem py, trace dissem po, trace dissem sph. LC: chloritic, pyritic, sharp			
418.00	421.40	**Brn AND? dyke**	**fT**		A
		early AND? dyke			
		LITHOLOGY: medium-dark brown early AND? Dyke; massive, fine grained with 10% lcx cystals? <1mm ALTERATION: weak pervasive K-spar, weak-moderate pervasive ser, weak ff chl, weak carb ff. MINERALIZATION: 4% dissem and pervasive po, 3% stringer and dissem py. LC: flow banding? at 20° COMMENTS: may be sedimentary unit?			
421.40	425.10	**QHBFp**	**cmfT**		A
		grn-gry QHFBp			
		DAP: 414.5-418m except: LC: sharp, BC			
425.00	428.30				B
		str ang BC			
		STRUCTURE: strong angular BC; some mineral gouge-likely not FZ			
425.10	431.10	**BdT**	**cherty**	**porc**	A
		BdT, strong porc			
		LITHOLOGY: Medium to light grey white cherty strong porc BdT. STRUCTURE: Massive to shattered, with fair to absent remnant bedding, weak to commonly strong broken core. ALTERATION: Strong porc/sil alteration, weak to moderate ser as pervasive and veins to 1 cm, weak to absent pervasive and fracture fill chl. MINERALIZATION: Trace-1% dissem py, trace to 1% dissem po. LC: Sharp, 80°.			
431.10	434.70	**Strong BC: BdT**	**cherty**	**porc**	A
		FZ:tr f-cg GO			
434.70	448.50	**BdT**	**cherty**	**porc**	A
		BdT strong porc			
		DAP: 425.10 to 431.10m			
437.00	440.00				C
		STRUCTURE: Bedding at 55°.			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
448.50	463.40	**FHxl**	**mfT**		A
		grn-gry FHxl			
		LITHOLOGY: medium grey-green grey FHxl with 30-35% light grey-pink subhedral hb needles <3mm; 20-25% to cryptic anhedral Fxl ghosts <3mm; very fine grained to aphanitic matrix ALTERATION: strong perv K-spar, moderate perv ff, weak carb ff, weak-mod perv and ff chl MINERALIZATION: 1% dissem and fiff py, trace po LC: sharp, pyritic, BC			
463.40	471.10	**BdT**	**cherty**	**porc**	A
		BdT, strong porc, 4-7% py			
		LITHOLOGY: Light, medium to dark grey well bedded BdT with strong porcelanous alteration. STRUCTURE: Well bedded, weak to moderate broken core throughout. ALTERATION: Strong pervasive sil/porc, weak to moderate fracture fill chl, weak fracture fill carb. MINERALIZATION: 4-7% fine to coarse grained py as granular patches with less dissem. LC: Sharp, irregular.			
465.00	466.00				C
		STRUCTURE: Bedding at 75°.			
466.70	467.30				C
		MINERALIZATION: 7-10% coarse grained py; bed parallel veins at 65°			
467.30	469.70				C
		STRUCTURE: Moderate to strong broken core.			
471.10	489.10	**HFBp**	**cmfT**	**chl**	A
		grn, chl HFBp			
		LITHOLOGY: Medium dark green to fresh looking HFBp with 35% pink to light grey to dark green subhedral hb needles, 25% anhedral to subhedral white to cloudy Fxls <2 mm, 5-15% euhedral bio phenos < 5mm; very fine grained to aphanitic matrix. ALTERATION: Moderate to strong pervasive chl, especially near lower contact, weak to moderate pervasive ser, strong pervasive K-spar, weak carb as tension fractures to 1 cm and fracture fill. MINERALIZATION: 2-3% dissem and fracture fill py. LC: FZ.			
473.40	479.40				B
		fT frags			
		LITHOLOGY: two 30cm porc fT fragments.			
479.50	485.00				B
		fresh looking HFBp			
		ALTERATION: Weak to moderate perv chl, weak to moderate perv ser, moderate to strong perv K-spar.			
485.40	485.50				B
		FZ splay			
		STRUCTURE: Coarse grained gouge and minor gouge at 50°.			
489.10	489.50	**FZ**			A
		FZ <25°			
		STRUCTURE: 2, 3 mm medium grained gougy slips, one at 25°, one at 5° bleached halo surrounding FZ.			
489.50	496.30	**FHxl**	**mfT**		A
		med gry FHxl, 3-5% py			
		LITHOLOGY: Medium grey to green grey HFxl with 30%-35% subhedral pink to cream hb needles <3 mm; 15-25% anhedral Fxl ghosts <3 mm; very fine grained to aphanitic matrix. ALTERATION: Strong pervasive K-spar, moderate pervasive ser, weak to moderate carb as fracture fill and irregular stockwork; weak to moderate			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
		pervasive and fracture fill chl. MINERALIZATION: 3-5% py as fine grained granular patches, stringers and dissem. LC: FZ.			
489.50	494.00				C
		STRUCTURE: Weak to moderate angular broken core.			
496.30	497.60	**FZ: chl alt'n**			A
		gougy FZ w/ chl fT frag?			
		LITHOLOGY: Gougy FZ with intensly chloritized fT or FHxl such that all porphyrytic textures are destroyed. STRUCTURE: Weak broken core to gougy, rubbly, sharp contact with chl alteration at LC at 65°.			
497.60	524.34	**FHxl**	**mfT**		A
		med gry FHxl, 3-5% py			
		DAP: 489.50 - 496.30m.			
498.50	499.30				B
		strong rbly BC			
507.70	524.00				C
		ALTERATION: Quartz/carb/py tension fractures at 0°-5° to CA, 1 cm wide, one per metre.			
520.00	522.50				C
		STRUCTURE: Moderate angular broken core.			
524.34	524.34	**EOH**			A

Lac Minerals Ltd.
Red Mountain
LAC

DRILL LOG
MINERALIZATION & SAMPLING

MC94-223

Lengths measured in meters

Logged by: Rob McLeod	19/10/94	Northing	1,492.171
Checked by:	/ /	Easting	4,169.735
		Elevation	1,828.880

Length	524.34
Azimuth	090.0
Dip	-60.0

MC94-223

MINERALIZATION

From	To	Aspy	Cpy	Galena	Py	Po	Sph						
13.00	14.00				1.0	1.0	0.2						
19.00	20.20				1.0								
20.20	21.00				1.0								
21.00	22.00				1.0	0.2							
22.00	23.00				1.0	1.5							
25.00	26.00				0.2	3.0							
29.00	30.00				1.0	3.0							
37.00	38.00				1.0	2.0							
44.00	45.00				1.0	2.0							
0.00	0.00												
49.00	50.00				0.2	2.0							
50.00	51.00				1.0	1.0							
63.00	64.00				1.0	1.0							
69.00	70.00				1.0	1.0							
89.00	90.00				1.0	1.0							
93.00	94.00					2.0							
95.00	96.00					4.0							
96.00	97.00				1.0	3.0							
97.00	98.00				2.0	2.0							
98.00	99.00				2.0	2.0	0.2						

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC26771	A I W	fine grained dissem and fiff; BdT
RMC26772	A I	fine grained dissem and fiff; BdT
RMC26773	A I	fine grained dissem and fiff; BdT
RMC26774	A I	fine grained dissem and fiff; porc BdT
RMC26775	A I	fine grained dissem and fiff; porc BdT
RMC26776	A I	fine grained dissem and fiff; porc BdT
RMC26777	A I	fine grained dissem and fiff; porc BdT
RMC26778	A I	fine grained dissem and fiff; porc BdT
RMC26779	A I W	fine grained dissem and fiff; porc BdT
RMC26780	A I	Standard #2
RMC26781	A I	fine grained dissem; porc BdT
RMC26782	A I	fine grained dissem; porc BdT
RMC26783	A I	fine grained stringers <2mm with less dissem; BdT
RMC26784	A I W	fine grained dissem; BdT
RMC26785	A I	fine grained dissem; BdT
RMC26786	A I W	fine grained dissem and wispy dissem; porc BdT
RMC26787	A I	fine grained dissem and wispy dissem; porc BdT
RMC26788	A I	fine grained dissem and wispy dissem; porc BdT/BdT
RMC26789	A I	fine grained dissem and wispy dissem; BdT
RMC26790	A I	fine grained veinlets to 1cm with less dissem; BdT

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MC94-223

MINERALIZATION — **SAMPLING**

From	To													SampleID	Type(s)*	DESCRIPTION
118.00	119.00				2.0	0.2								RMC26791	A I W	fine grained dissem and wispy dissem; BdT
122.00	123.00				3.0									RMC26792	A I W	fine to coarse grained dissem; HFBp
140.00	141.00				1.0									RMC26793	A I	fine grained dissem; HFBp-BdT contact
150.00	151.00				2.0									RMC26794	A I	fine to medium grained dissem; HFBp
154.20	155.00				3.0									RMC26795	A I	fine grained dissem and ff; BdT
157.00	158.00				0.2									RMC26796	A I W	fine grained dissem; HFBp
175.00	176.00				0.2	0.2								RMC26797	A I W	fine grained dissem; HFBp
180.00	181.00				2.0									RMC26798	A I	py fault GO; FZ: HFBp
194.00	195.00					0.2								RMC26799	A I W	fine grained dissem; HFBp
0.00	0.00													RMC26800	A I	Standard #1
215.00	216.00				0.2									RMC26801	A I W	fine grained dissem and fiff; HFBp
220.00	221.00				1.5									RMC26802	A I	fine grained dissem and fiff; contact HFBp-BdT
231.00	232.00				3.0									RMC26803	A I W	fine grained dissem; BdT
232.00	233.00				2.0									RMC26804	A I	fine grained dissem; BdT
233.00	234.00				3.0									RMC26805	A I	fine grained dissem; BdT
234.00	235.00				3.0									RMC26806	A I	stringers to 3mm; fine grained dissem; BdT
235.00	236.00				2.0									RMC26807	A I	fine grained dissem; BdT
236.00	237.00				2.0									RMC26808	A I	fine grained dissem; BdT
256.00	257.00				2.0									RMC26809	A I	fine grained dissem; contact BdT-HFBp
259.00	260.00				3.0									RMC26810	A I W	fine grained dissem; HFBp
262.00	263.00				2.0									RMC26811	A I	fine grained dissem and fiff; contact HFBp-BdT
268.00	269.00				5.0									RMC26812	A I	fine to medium grained dissem with less granular patches; BdT
272.00	273.00				5.0									RMC26813	A I	fine to medium grained dissem with less granular patches and fiff; BdT
274.70	276.00				3.0									RMC26814	A I	fine grained granular patches with less dissem and fiff; BdT
276.00	277.00				5.0									RMC26815	A I	fine grained bed parallel with less dissem and fiff; BdT
277.00	278.00				7.0									RMC26816	A I	fine grained bed parallel with less dissem and fiff; BdT
278.00	279.00				5.0									RMC26817	A I	fine grained bed parallel with less dissem and fiff; BdT

values measured in percent

* Sample Types. Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MINERALIZATION

SAMPLING

From	To													SampleID	Type(s)*	DESCRIPTION
279.00	280.00				7.0									RMC26818	A I	fine grained bed parallel with less dissem and fiff; BdT
280.00	281.00				8.0									RMC26819	A I	fine grained bed parallel with less dissem and fiff; BdT
0.00	0.00													RMC26820	A I	Standard #1
281.00	282.00				4.0									RMC26821	A I W	fine grained bed parallel with less dissem and fiff; BdT
287.00	288.00				3.0									RMC26822	A I	fine grained dissem and fiff; BdT
294.00	295.00				2.0	1.0	0.2							RMC26823	A I	fine grained dissem and fiff; BdT
300.00	301.00				1.0	1.0								RMC26824	A I W	fine grained dissem and fiff; BdT
305.00	306.00				1.0	1.5								RMC26825	A I	fine grained dissem and fiff; BdT
320.00	321.00				0.5	2.0								RMC26826	A I W	fine grained dissem and fiff; BdT
340.00	341.00				3.0	2.0								RMC26827	A I	3cm massive vein with less dissem; BdT
343.00	344.00				1.0	2.0								RMC26828	A I W	fine grained dissem; (B)HFxl
345.40	346.10				4.0	1.0	0.3							RMC26829	A I	1.5cm massive vein with less granular patches; BdT
348.80	350.00				1.0	2.0								RMC26830	A I	fine grained dissem; BdT
350.00	351.00				1.0	2.0								RMC26831	A I	fine grained dissem; BdT
351.00	352.00				1.0	1.0								RMC26832	A I	fine grained dissem; BdT
354.00	355.00				2.0	0.2								RMC26833	A I	stringers to 6mm with less dissem; (B)HFxl
355.00	356.00				2.0	1.0								RMC26834	A I	stringers to 6mm with less dissem; (B)HFxl
361.00	362.00				1.0	2.0								RMC26835	A I W	fine grained dissem; (B)HFxl
363.00	364.00				1.0	3.0								RMC26836	A I	fine grained dissem; (B)HFxl
364.00	365.00				1.0	2.0								RMC26837	A I	fine grained dissem; (B)HFxl
365.00	366.00				2.0	2.0								RMC26838	A I	fine grained granular patches with less dissem; (B)HFxl
366.00	367.00				4.0	0.5	0.2							RMC26839	A I	coarse grained granular patches with less fine grained dissem; (B)HFxl
0.00	0.00													RMC26840	A I	Standard #3
367.00	368.00				4.0	0.2	0.2							RMC26841	A I	coarse grained granular patches with less fine grained dissem; (B)HFxl
368.00	369.00				4.0	2.0								RMC26842	A I	coarse grained granular patches with less fine grained dissem; BdT
369.00	370.00				0.5	3.0								RMC26843	A I	fine grained granular patches; BdT

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MINERALIZATION

From	To												
379.00	380.00				2.0	2.0							
380.00	381.00				2.0	2.0	0.2						
381.00	382.00				2.0	2.0							
382.00	383.00				1.0	1.0							
383.00	384.00				1.0	0.3							
384.00	385.00				0.7	2.0							
385.00	386.00				1.0	0.4							
386.00	387.00				0.5	1.0							
387.00	388.00				1.5	1.5							
388.00	389.00				2.0		0.2						
389.00	390.00				3.0	1.5	0.3						
390.00	391.00				1.5	0.5	0.4						
391.00	391.70				1.0	0.3	0.2						
391.70	392.70		0.2		3.0	15.0							
392.70	393.70				2.0	2.0							
393.70	394.40				0.2	3.0							
0.00	0.00												
394.40	395.00				0.2	1.0	0.3						
395.00	396.00				1.0	0.8	1.0						
396.00	397.00				1.0	2.0	0.6						
397.00	398.00				1.0	1.0	0.3						
398.00	399.00				0.4	0.4	0.2						
399.00	399.80				0.5	0.5	0.1						
399.80	401.00		0.2		4.0	15.0							
401.00	402.00		0.2		3.0	8.0							
402.00	403.00				2.0	6.0							

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC26844	A I	fine grained granular patches with less dissem; BdT
RMC26845	A I	fine grained granular patches with less dissem; BdT
RMC26846	A I	fine grained dissem; BdT
RMC26847	A I W	fine grained dissem; BdT
RMC26848	A I	fine grained dissem; BdT
RMC26849	A I	fine grained granular patches with less dissem; BdT
RMC26850	A I	fine grained granular patches with less dissem; BdT
RMC26851	A I	fine grained dissem; BdT
RMC26852	A I	fine grained dissem; BdT
RMC26853	A I	fine grained dissem; BdT
RMC26854	A I	fine grained dissem and fiff; BdT
RMC26855	A I	fine grained dissem and fiff; BdT
RMC26856	A I	fine grained dissem and fiff; BdT
RMC26857	A I	semimassive-massive pervasive with less granular patches and dissem; FHxl
RMC26858	A I W	fine grained dissem; FHxl
RMC26859	A I	fine grained dissem; FHxl
RMC26860	A I	Standard #2
RMC26861	A I	fine grained dissem; BdT
RMC26862	A I	fine grained dissem and fiff; BdT
RMC26863	A I	fine grained dissem and fiff; BdT
RMC26864	A I	fine grained dissem and fiff; BdT
RMC26865	A I	fine grained dissem and fiff; BdT
RMC26866	A I	fine grained dissem and fiff; BdT
RMC26867	A I	semimassive-massive pervasive with less granular patches and dissem; FHxl
RMC26868	A I	semimassive-massive pervasive with less granular patches and dissem; BdT
RMC26869	A I	pervasive with lesser fine grained patches and dissem; BdT

rev310c93

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MINERALIZATION

From	To												
403.00	404.00				1.5	3.0							
412.00	413.00				2.0	7.0							
413.00	414.00				1.0	2.0							
416.00	417.00				2.0	2.0	0.2						
417.00	418.00				2.0	4.0							
418.00	419.00				2.0	2.0							
419.00	420.00				2.0	2.0							
420.00	421.30				3.0	2.0							
424.00	425.00				5.0	2.0							
430.00	431.00				3.0								
0.00	0.00												
441.00	442.00				1.5	2.5							
443.00	444.00				1.0	3.0							
446.00	447.00				1.0	2.0							
448.00	448.60				2.0								
450.00	451.00				3.0								
454.00	455.00				3.0								
463.70	465.00				4.0								
465.00	466.00				4.0								
466.00	467.00				7.0								
467.00	468.00				5.0								
468.00	469.00				3.0								
471.00	472.00				4.0								
477.00	478.00				2.0								
493.00	494.00				2.0								
492.00	493.00				4.0								

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC26870	A I	fine grained dissem: BdT
RMC26871	A I	semimassive-massive patches to 10cm with less dissem; BdT
RMC26872	A I W	fine grained dissem; BdT
RMC26873	A I	fine grained granular patches with less dissem; QHFBp
RMC26874	A I	fine grained granular patches with less dissem; QHFBp
RMC26875	A I	fine grained dissem and wispy dissem; fT fragments?
RMC26876	A I	fine grained dissem and wispy dissem; fT fragments?
RMC26877	A I	fine grained dissem and wispy dissem; fT fragments?
RMC26878	A I	fine grained dissem wispy dissem and fiff; QHFBp
RMC26879	A I W	fine grained dissem wispy dissem and fiff; BdT
RMC26880	A I	Standard #3
RMC26881	A I	fine grained dissem; BdT
RMC26882	A I W	fine grained dissem; BdT
RMC26883	A I	fine grained dissem; BdT
RMC26884	A I	fine grained dissem and fiff; BdT
RMC26885	A I	fine grained granular patches with less dissem; FHxl
RMC26886	A I W	fine grained granular patches with less dissem; FHxl
RMC26887	A I	fg granular patches with less dissem; BdT
RMC26888	A I	fg granular patches with less dissem; BdT
RMC26889	A I	f-c grained granular patches with less dissem and bed parallel; BdT
RMC26890	A I	f-c grained granular patches with less dissem and bed parallel; BdT
RMC26891	A I	fg dissem and fiff; BdT
RMC26892	A I	fg granular patches with less dissem; HFxl
RMC26893	A I W	fg dissem and fiff; HFBp
RMC26895	A I	fg dissem and fiff; FHxl
RMC26894	A I	fg dissem and fiff; FHxl

MINERALIZATION

From	To																		
494.00	495.00				3.0														
508.00	509.00				5.0														
509.00	510.00				5.0														
523.00	524.00				5.0														
0.00	0.00																		

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC26896	A I W	fg dissem and fiff; FHxl
RMC26897	A I	c-fg granular patches with less dissem; FHxl
RMC26898	A I	c-fg granular patches with less dissem; FHxl
RMC26899	A I W	c-fg granular patches with less dissem; FHxl
RMC26900	A I	Standard #4

Lac Minerals Ltd.

Red Mountain
WOTAN

DRILL HOLE SAMPLE\ASSAY SUMMARY

MC94-223

Length measure: meters

Samples & Assays

From	To	Length	Sample ID	Type(s)*	Sample Description	MC94-223 Au† [gram/tonne]	MC94-223 Ag† [gram/tonne]
0.00	0.00	0.00	RMC26780	A I	Standard #2	0.00	0.00
0.00	0.00	0.00	RMC26800	A I	Standard #1	0.00	0.00
0.00	0.00	0.00	RMC26820	A I	Standard #1	0.00	0.00
0.00	0.00	0.00	RMC26840	A I	Standard #3	0.00	0.00
0.00	0.00	0.00	RMC26860	A I	Standard #2	0.00	0.00
0.00	0.00	0.00	RMC26880	A I	Standard #3	0.00	0.00
0.00	0.00	0.00	RMC26900	A I	Standard #4	0.00	0.00
13.00	14.00	1.00	RMC26771	A I W	fine grained dissem and fiff; BdT	0.02	0.00 ETS
19.00	20.20	1.20	RMC26772	A I	fine grained dissem and fiff; BdT	0.02	0.00 ETS
20.20	21.00	0.80	RMC26773	A I	fine grained dissem and fiff; BdT	0.02	0.00 ETS
21.00	22.00	1.00	RMC26774	A I	fine grained dissem and fiff; porc BdT	0.02	0.00 ETS
22.00	23.00	1.00	RMC26775	A I	fine grained dissem and fiff; porc BdT	0.05	0.00 ETS
25.00	26.00	1.00	RMC26776	A I	fine grained dissem and fiff; porc BdT	0.03	0.00 ETS
29.00	30.00	1.00	RMC26777	A I	fine grained dissem and fiff; porc BdT	0.03	0.00 ETS
37.00	38.00	1.00	RMC26778	A I	fine grained dissem and fiff; porc BdT	0.03	0.00 ETS
44.00	45.00	1.00	RMC26779	A I W	fine grained dissem and fiff; porc BdT	0.03	0.00 ETS
49.00	50.00	1.00	RMC26781	A I	fine grained dissem; porc BdT	0.02	0.00 ETS
50.00	51.00	1.00	RMC26782	A I	fine grained dissem; porc BdT	0.02	0.00 ETS
63.00	64.00	1.00	RMC26783	A I	fine grained stringers <2mm with less dissem; BdT	0.02	0.00 ETS
69.00	70.00	1.00	RMC26784	A I W	fine grained dissem; BdT	0.02	0.00 ETS
89.00	90.00	1.00	RMC26785	A I	fine grained dissem; BdT	0.02	0.00 ETS
93.00	94.00	1.00	RMC26786	A I W	fine grained dissem and wispy dissem; porc BdT	0.03	0.00 ETS
95.00	96.00	1.00	RMC26787	A I	fine grained dissem and wispy dissem; porc BdT	0.02	0.00 ETS
96.00	97.00	1.00	RMC26788	A I	fine grained dissem and wispy dissem; porc BdT/BdT	0.02	0.00 ETS
97.00	98.00	1.00	RMC26789	A I	fine grained dissem and wispy dissem; BdT	0.02	0.00 ETS
98.00	99.00	1.00	RMC26790	A I	fine grained veinlets to 1cm with less dissem; BdT	0.02	0.00 ETS
118.00	119.00	1.00	RMC26791	A I W	fine grained dissem and wispy dissem; BdT	0.02	0.00 ETS
122.00	123.00	1.00	RMC26792	A I W	fine to coarse grained dissem; HFBp	0.02	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

From	To	Length	Sample ID	Type(s)*		Sample Description	Au† [gram/tonne]	Ag†
140.00	141.00	1.00	RMC26793	A	I	fine grained dissem; HFBp-BdT contact	0.02	0.00 ETS
150.00	151.00	1.00	RMC26794	A	I	fine to medium grained dissem; HFBp	0.02	0.00 ETS
154.20	155.00	0.80	RMC26795	A	I	fine grained dissem and ff; BdT	0.02	0.00 ETS
157.00	158.00	1.00	RMC26796	A	I W	fine grained dissem; HFBp	0.02	0.00 ETS
175.00	176.00	1.00	RMC26797	A	I W	fine grained dissem; HFBp	0.02	0.00 ETS
180.00	181.00	1.00	RMC26798	A	I	py fault GO; FZ: HFBp	0.02	0.00 ETS
194.00	195.00	1.00	RMC26799	A	I W	fine grained dissem; HFBp	0.02	0.00 ETS
215.00	216.00	1.00	RMC26801	A	I W	fine grained dissem and fiff; HFBp	0.02	0.00 ETS
220.00	221.00	1.00	RMC26802	A	I	fine grained dissem and fiff; contact HFBp-BdT	0.02	0.00 ETS
231.00	232.00	1.00	RMC26803	A	I W	fine grained dissem; BdT	0.02	0.00 ETS
232.00	233.00	1.00	RMC26804	A	I	fine grained dissem; BdT	0.02	0.00 ETS
233.00	234.00	1.00	RMC26805	A	I	fine grained dissem; BdT	0.02	0.00 ETS
234.00	235.00	1.00	RMC26806	A	I	stringers to 3mm; fine grained dissem; BdT	0.02	0.00 ETS
235.00	236.00	1.00	RMC26807	A	I	fine grained dissem; BdT	0.02	0.00 ETS
236.00	237.00	1.00	RMC26808	A	I	fine grained dissem; BdT	0.21	0.00 ETS
256.00	257.00	1.00	RMC26809	A	I	fine grained dissem; contact BdT-HFBp	0.02	0.00 ETS
259.00	260.00	1.00	RMC26810	A	I W	fine grained dissem; HFBp	0.02	0.00 ETS
262.00	263.00	1.00	RMC26811	A	I	fine grained dissem and fiff; contact HFBp-BdT	0.04	0.00 ETS
268.00	269.00	1.00	RMC26812	A	I	fine to medium grained dissem with less granular patches; BdT	0.02	0.00 ETS
272.00	273.00	1.00	RMC26813	A	I	fine to medium grained dissem with less granular patches and fiff; BdT	0.13	0.00 ETS
274.70	276.00	1.30	RMC26814	A	I	fine grained granular patches with less dissem and fiff; BdT	0.23	0.00 ETS
276.00	277.00	1.00	RMC26815	A	I	fine grained bed parallel with less dissem and fiff; BdT	0.16	0.00 ETS
277.00	278.00	1.00	RMC26816	A	I	fine grained bed parallel with less dissem and fiff; BdT	0.12	0.00 ETS
278.00	279.00	1.00	RMC26817	A	I	fine grained bed parallel with less dissem and fiff; BdT	0.19	0.00 ETS
279.00	280.00	1.00	RMC26818	A	I	fine grained bed parallel with less dissem and fiff; BdT	0.17	0.00 ETS
280.00	281.00	1.00	RMC26819	A	I	fine grained bed parallel with less dissem and fiff; BdT	0.22	0.00 ETS
281.00	282.00	1.00	RMC26821	A	I W	fine grained bed parallel with less dissem and fiff; BdT	0.05	0.00 ETS
287.00	288.00	1.00	RMC26822	A	I	fine grained dissem and fiff; BdT	0.02	0.00 ETS
294.00	295.00	1.00	RMC26823	A	I	fine grained dissem and fiff; BdT	0.02	0.00 ETS
300.00	301.00	1.00	RMC26824	A	I W	fine grained dissem and fiff; BdT	0.02	0.00 ETS
305.00	306.00	1.00	RMC26825	A	I	fine grained dissem and fiff; BdT	0.04	0.00 ETS
320.00	321.00	1.00	RMC26826	A	I W	fine grained dissem and fiff; BdT	0.05	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Samples & Assays

MC94-223

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†
340.00	341.00	1.00	RMC26827	A I	3cm massive vein with less dissem; BdT	0.46	0.00 ETS
343.00	344.00	1.00	RMC26828	A I W	fine grained dissem; (B)HFxl	0.29	0.00 ETS
345.40	346.10	0.70	RMC26829	A I	1.5cm massive vein with less granular patches; BdT	0.02	0.00 ETS
348.80	350.00	1.20	RMC26830	A I	fine grained dissem; BdT	0.02	0.00 ETS
350.00	351.00	1.00	RMC26831	A I	fine grained dissem; BdT	0.02	0.00 ETS
351.00	352.00	1.00	RMC26832	A I	fine grained dissem; BdT	1.19	0.00 ETS
354.00	355.00	1.00	RMC26833	A I	stringers to 6mm with less dissem; (B)HFxl	0.02	0.00 ETS
355.00	356.00	1.00	RMC26834	A I	stringers to 6mm with less dissem; (B)HFxl	0.02	0.00 ETS
361.00	362.00	1.00	RMC26835	A I W	fine grained dissem; (B)HFxl	0.02	0.00 ETS
363.00	364.00	1.00	RMC26836	A I	fine grained dissem; (B)HFxl	0.02	0.00 ETS
364.00	365.00	1.00	RMC26837	A I	fine grained dissem; (B)HFxl	0.02	0.00 ETS
365.00	366.00	1.00	RMC26838	A I	fine grained granular patches with less dissem; (B)HFxl	0.13	0.00 ETS
366.00	367.00	1.00	RMC26839	A I	coarse grained granular patches with less fine grained dissem; (B)HFxl	0.23	0.00 ETS
367.00	368.00	1.00	RMC26841	A I	coarse grained granular patches with less fine grained dissem: (B)HFxl	0.13	0.00 ETS
368.00	369.00	1.00	RMC26842	A I	coarse grained granular patches with less fine grained dissem; BdT	0.68	0.00 ETS
369.00	370.00	1.00	RMC26843	A I	fine grained granular patches; BdT	0.21	0.00 ETS
379.00	380.00	1.00	RMC26844	A I	fine grained granular patches with less dissem; BdT	0.04	0.00 ETS
380.00	381.00	1.00	RMC26845	A I	fine grained granular patches with less dissem; BdT	0.02	0.00 ETS
381.00	382.00	1.00	RMC26846	A I	fine grained dissem; BdT	0.02	0.00 ETS
382.00	383.00	1.00	RMC26847	A I W	fine grained dissem; BdT	0.02	0.00 ETS
383.00	384.00	1.00	RMC26848	A I	fine grained dissem; BdT	0.02	0.00 ETS
384.00	385.00	1.00	RMC26849	A I	fine grained granular patches with less dissem; BdT	0.26	0.00 ETS
385.00	386.00	1.00	RMC26850	A I	fine grained granular patches with less dissem; BdT	0.02	0.00 ETS
386.00	387.00	1.00	RMC26851	A I	fine grained dissem; BdT	0.02	0.00 ETS
387.00	388.00	1.00	RMC26852	A I	fine grained dissem; BdT	0.02	0.00 ETS
388.00	389.00	1.00	RMC26853	A I	fine grained dissem; BdT	0.02	0.00 ETS
389.00	390.00	1.00	RMC26854	A I	fine grained dissem and fiff; BdT	0.02	0.00 ETS
390.00	391.00	1.00	RMC26855	A I	fine grained dissem and fiff; BdT	0.20	0.00 ETS
391.00	391.70	0.70	RMC26856	A I	fine grained dissem and fiff; BdT	0.83	0.00 ETS
391.70	392.70	1.00	RMC26857	A I	semimassive-massive pervasive with less granular patches and dissem; FHxl	0.22	0.00 ETS
392.70	393.70	1.00	RMC26858	A I W	fine grained dissem; FHxl	0.03	0.00 ETS
393.70	394.40	0.70	RMC26859	A I	fine grained dissem; FHxl	0.28	0.00 ETS
394.40	395.00	0.60	RMC26861	A I	fine grained dissem; BdT	0.11	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†
395.00	396.00	1.00	RMC26862	A I	fine grained dissem and fiff; BdT	0.04	0.00 ETS
396.00	397.00	1.00	RMC26863	A I	fine grained dissem and fiff; BdT	0.02	0.00 ETS
397.00	398.00	1.00	RMC26864	A I	fine grained dissem and fiff; BdT	0.05	0.00 ETS
398.00	399.00	1.00	RMC26865	A I	fine grained dissem and fiff; BdT	0.06	0.00 ETS
399.00	399.80	0.80	RMC26866	A I	fine grained dissem and fiff; BdT	0.03	0.00 ETS
399.80	401.00	1.20	RMC26867	A I	semimassive-massive pervasive with less granular patches and dissem; FHxl	0.09	0.00 ETS
401.00	402.00	1.00	RMC26868	A I	semimassive-massive pervasive with less granular patches and dissem; BdT	0.54	0.00 ETS
402.00	403.00	1.00	RMC26869	A I	pervasive with lesser fine grained patches and dissem; BdT	0.06	0.00 ETS
403.00	404.00	1.00	RMC26870	A I	fine grained dissem: BdT	0.10	0.00 ETS
412.00	413.00	1.00	RMC26871	A I	semimassive-massive patches to 10cm with less dissem; BdT	0.03	0.00 ETS
413.00	414.00	1.00	RMC26872	A I W	fine grained dissem; BdT	0.02	0.00 ETS
416.00	417.00	1.00	RMC26873	A I	fine grained granular patches with less dissem; QHFBp	0.02	0.00 ETS
417.00	418.00	1.00	RMC26874	A I	fine grained granular patches with less dissem; QHFBp	0.30	0.00 ETS
418.00	419.00	1.00	RMC26875	A I	fine grained dissem and wispy dissem; fT fragments?	0.07	0.00 ETS
419.00	420.00	1.00	RMC26876	A I	fine grained dissem and wispy dissem; fT fragments?	0.03	0.00 ETS
420.00	421.30	1.30	RMC26877	A I	fine grained dissem and wispy dissem; fT fragments?	0.02	0.00 ETS
424.00	425.00	1.00	RMC26878	A I	fine grained dissem wispy dissem and fiff; QHFBp	0.02	0.00 ETS
430.00	431.00	1.00	RMC26879	A I W	fine grained dissem wispy dissem and fiff; BdT	0.06	0.00 ETS
441.00	442.00	1.00	RMC26881	A I	fine grained dissem; BdT	0.03	0.00 ETS
443.00	444.00	1.00	RMC26882	A I W	fine grained dissem; BdT	0.02	0.00 ETS
446.00	447.00	1.00	RMC26883	A I	fine grained dissem; BdT	0.16	0.00 ETS
448.00	448.60	0.60	RMC26884	A I	fine grained dissem and fiff; BdT	0.14	0.00 ETS
450.00	451.00	1.00	RMC26885	A I	fine grained granular patches with less dissem; FHxl	0.02	0.00 ETS
454.00	455.00	1.00	RMC26886	A I W	fine grained granular patches with less dissem; FHxl	0.16	0.00 ETS
463.70	465.00	1.30	RMC26887	A I	fg granular patches with less dissem; BdT	0.12	0.00 ETS
465.00	466.00	1.00	RMC26888	A I	fg granular patches with less dissem; BdT	0.05	0.00 ETS
466.00	467.00	1.00	RMC26889	A I	f-c grained granular patches with less dissem and bed parallel; BdT	0.16	0.00 ETS
467.00	468.00	1.00	RMC26890	A I	f-c grained granular patches with less dissem and bed parallel; BdT	0.09	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Samples & Assays

MC94-223

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†
468.00	469.00	1.00	RMC26891	A I	fg dissem and fiff; BdT	0.02	0.00 ETS
471.00	472.00	1.00	RMC26892	A I	fg granular patches with less dissem; HFxl	0.21	0.00 ETS
477.00	478.00	1.00	RMC26893	A I W	fg dissem and fiff; HFBp	0.03	0.00 ETS
492.00	493.00	1.00	RMC26894	A I	fg dissem and fiff; FHxl	0.07	0.00 ETS
493.00	494.00	1.00	RMC26895	A I	fg dissem and fiff; FHxl	0.06	0.00 ETS
494.00	495.00	1.00	RMC26896	A I W	fg dissem and fiff; FHxl	0.08	0.00 ETS
508.00	509.00	1.00	RMC26897	A I	c-fg granular patches with less dissem; FHxl	0.07	0.00 ETS
509.00	510.00	1.00	RMC26898	A I	c-fg granular patches with less dissem; FHxl	0.08	0.00 ETS
523.00	524.00	1.00	RMC26899	A I W	c-fg granular patches with less dissem; FHxl	0.06	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Lac Minerals Ltd.
Red Mountain
LAC

DRILL LOG
DOWN-HOLE SURVEY

MC94-223

Lengths measured in meters

Logged by: Rob McLeod	19/10/94		
Checked by:	/ /		
Northing	1,492.171	Length	524.34
Easting	4,169.735	Azimuth	090.0
Elevation	1,828.880	Dip	-60.0

DOWN-HOLE SURVEYs

MC94-223

Depth	Dip°	Az°	Note
0.00	-60.00	090.00	

Lac Minerals Ltd.
Red Mountain

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MC94-224

SUMMARY DRILL REPORT

Location Coordinates

Northing	1,510.025
Easting	4,027.486
Elevation	1,769.110

Length & Collar Orientation

Length	507.49
Azimuth	90.0
Dip	-60.0

Field Location	British Columbia	Lengths measured in meters	
Casing	1.52	Started	03/10/94
Core Size	BQTK	Completed	07/10/94
Logged by	Rob McLeod	Logged	30/10/94
Checked by		Checked	/ /
Mx'n Zone	141		
Claim Group	ORO1		
Map Refer'ce	103P/13W		
Region	Skeena Mining Division		
Driller	JT Thomas		
Assayer	EcoTech Laboratories		

Comments

Fencing off towards mine grid west along section 1500N. No major intersection; dominantly cherty sediments and argillic sediments intruded by HFBp and HFxl.

Condensed Log

MC94-224

Interval		Rock Type	Grain size	Modifier
0.00	1.52	Casing		
1.52	15.50	BdT blk H>5.0	fT	blk
15.50	25.70	FZ:BdT strong rbl BC w/ strong ferro		ferro
25.70	42.80	BdT blk H>5.0	fT	blk
42.80	62.10	BdT wk porc	fT	
62.10	69.10	HFBp gry-grn HFBp	cmfT	
69.10	71.80	FZ rusty, gougy, rbl; core loss		
71.80	96.70	HFBp gry-grn HFBp	cmfT	
96.70	100.60	BdT mod porc	fT	porc
100.60	101.50	FZ 20 cm sandy GO		
101.50	134.60	BdT strong porc 1-4% po	cherty	porc
134.60	142.30	HFBp dk grn gry	cmfT	chl
142.30	148.50	BdT wk porc	fT	

Interval		Rock Type	Grain size	Modifier
148.50	153.90	strg BC:porc BdT wk-mod porc	fT	
153.90	164.60	BdT strong porc 1-2% po	cherty	porc
164.60	175.60	HFBp gry-grn	cmfT	chl
175.60	180.00	BdT blk-dk gry; wk porc alt'n	fT	blk
180.00	182.30	HFBp gry-grn	cmfT	chl
182.30	192.30	BdT blk-dk gry	fT	blk
192.30	199.00	HFBp fresh	cmfT	chl
199.00	225.00	BdT blk	fT	blk
225.00	248.00	HFBp "fresh"	cmfT	chl
248.00	248.50	FZ strong lim coating on BC,1% GO		
248.50	269.60	HFBp fresh	cmfT	chl
269.60	278.80	BdT blk-dk gry	fT	blk
278.80	279.40	FZ 30 cm GO rbl, 5° GO		
279.40	291.30	HFBp grn-gry	cmfT	chl
291.30	294.70	AND Dyke dk grn AND dyke		
326.30	333.30	BdT blk graph	fT	graph
333.30	335.30	FZ rbly BC		
335.30	339.50	BdT blk, graph	fT	graph
339.50	340.90	HFxl blk graph	cmfT	graph
351.00	376.80	BdT mod-strong porc	fT	porc
376.80	378.80	HFBp dk gry	cmfT	
378.80	385.30	BdT strong porc alt'n	cherty	porc
385.30	386.80	HFBp dk gry	cmfT	
386.80	407.80	BdT BdT w/ mod-strong porc alt'n	cherty	porc
407.80	426.60	BdT dk gry, wk porc alt'n	fT	
426.60	429.30	FZ ang rbly BC,1% GO		
429.30	436.20	BdT dk gry, wk porc alt'n	fT	
436.20	439.60	strg BC:BdT strong ang BC	fT	

Interval		Rock Type	Grain size	Modifier
446.90	453.10	FHxl med gry	mfT	
453.10	462.60	BdT mod-strong porc	cherty	porc
462.60	468.30	FHxl med gry	mfT	
468.30	488.70	BdT mod porc	cherty	porc
488.70	491.30	FHxl med gry	mfT	
491.30	494.70	BdT med-dk gry	fT	
494.70	503.50	HFBp grn gry	cmfT	chl
503.50	507.49	BdT med to dk gry; wk-mod porc		
507.49	507.49	EOH		
294.70	326.30	HFBp HFBp	cmfT	chl
340.90	351.00	BdT blk-dk gry; wk porc	fT	
439.60	446.90	BdT strong porc alt'n	cherty	porc

Lac Minerals Ltd.
Red Mountain
WOTAN
LAC **141**

DRILL LOG
GEOLOGY DESCRIPTION

MC94-224

Lengths measured in meters

Logged by: Rob McLeod	30/10/94		
Checked by:	/ /		

Northing	1,510.025	Length	507.49
Easting	4,027.486	Dip	-60.0
Elevation	1,769.110	Az	90.0

Geology Description

MC94-224

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
0.00	1.52	**Casing**			A
1.50	3.30				C
		STRUCTURE: Strong rubbled broken core lim fracture fill, overload weathering.			
1.52	15.50	**BdT**	**fT**	**blk**	A
		blk H>5.0			
		LITHOLOGY: Black to dark grey well bedded BdT. Bedding locally to commonly disrupted. STRUCTURE: Weak to moderate broken core throughout; weak lim fracture fill likely due to surface weathering. ALTERATION: Weak pervasive and fracture fill graphite, weak to moderate fracture fill and irregular carb stockwork, moderate pervasive trm? hornfelsing? MINERALIZATION: Trace to 3% po, 1-2% py.			
4.00	6.50				C
		STRUCTURE: Bedding at 35°.			
7.90	11.30				C
		STRUCTURE: Bedding at 55°.			
12.00	15.50				C
		STRUCTURE: Bedding at 60°.			
15.50	25.70	**FZ:BdT**		**ferro**	A
		strong rbl BC w/ strong ferro			
		STRUCTURE: Angular broken core to rubble, ferrocrete to 30 cm.			
25.70	42.80	**BdT**	**fT**	**blk**	A
		blk H>5.0			
		DAP: 1.52 to 15.50m except LC: Sharp @ 40°.			
25.70	31.40				C
		STRUCTURE: Weak to moderate angular broken core, local carb plus weak lim fracture fill.			
32.00	42.40				B
		2-4% po, 1-2% py			
		MINERALIZATION: 2-4% po as fine grained dissem, fracture fill and replacement of medium grained beds, 1-2% py dissem and fine irregular fracture fill.			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
35.20	37.20				C
		STRUCTURE: Bedding at 45°.			
39.00	41.00				C
		STRUCTURE: Bedding at 55°.			
42.80	62.10	**BdT**	**fT**		A
		wk porc			
		LITHOLOGY: Black, dark to light grey, to white fine grained BdT with local breccia dykes. STRUCTURE: Good to poor bedding, commonly distorted, disrupted, fractured, and massive. ALTERATION: Weak, locally moderate pervasive sil/porc, weak chl fracture fill, weak carb fracture fill. MINERALIZATION: 1% fine grained dissem po, trace to1% fine grained dissem py. LC: Rubbled rusty broken core, sharp at 60° with HFxl.			
45.00	46.70				C
		STRUCTURE: Weak to moderate angular broken core with lim fracture fill.			
45.40	46.00				C
		STRUCTURE: Bedding at 65°.			
53.40	53.60	**Bx dyke:fT**	**LT**	**homolith**	B
		homolith mx sup			
		LITHOLOGY: Homolithic breccia dyke with 80% subangular to subrounded fT fragments to 1cm; fine grained matrix, likely lithic. UC=LC @ 70°			
57.00	57.10	**Bx dyke:fT**	**LT**	**homolith**	B
		homolith clast sup			
		LITHOLOGY: Homolithic breccia dyke with 95% subangular to subround fT fragments to 3cm; fine grained matrix, likely lithic. UC: 75° LC: 30°.			
60.00	61.60				B
		mod-strong ang rusty BC			
		STRUCTURE: Moderate to strong angular to rubbly rusty broken core; possibly FZ; no observed gouge.			
62.10	69.10	**HFBp**	**cmfT**		A
		gry-grn HFBp			
		LITHOLOGY: Grey to green massive HFBp with 25% pink to light grey to cryptic subhedral hornblende phenos <3mm; 20% anhedral Fxl ghosts <3mm; 15% euhedral pink to light grey biotite phenos <5mm. STRUCTURE: Massive, pockmarked core, likely due to weathering. ALTERATION: Moderate to strong pervasive K-spar, moderate pervasive ser, weak pervasive and fracture fill chl. Weak carb fracture fill. MINERALIZATION: 3% stringer and fracture fill py. LC: FZ.			
69.10	71.80	**FZ**			A
		rusty, gougy, rbl; core loss			
		STRUCTURE: Moderate to strong broken core to rubble, strong lim coating.			
71.80	96.70	**HFBp**	**cmfT**		A
		gry-grn HFBp			
		DAP: 62.10 to 69.10m except LITHOLOGY: fT fragments to 2 m LC: Sharp, BC			
78.50	79.00				C
		STRUCTURE: Weak broken core, weak lim fracture fill.			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
79.10	80.30				C
		STRUCTURE: Moderate angular broken core, rusty fracture fill; likely not FZ.			
82.30	84.30	fT	cherty		B
		dk gry			
		LITHOLOGY: Medium to dark grey cherty fT, no discernable bedding. ALTERATION: Moderate to strong porcelanous/sil alteration. LC=UC: Strong broken core.			
82.30	86.00				B
		mod-str ang BC, mod lim ff			
		STRUCTURE: Moderate to angular broken core with fragments of fT and HFBp; weak to moderate lim fracture fill, trace gouge. COMMENTS: Maybe FZ.			
87.30	94.10				C
		ALTERATION: Moderate to strong chl, pervasive and fracture fill.			
96.70	100.60	BdT	fT	porc	A
		mod porc			
		LITHOLOGY: Light to medium grey to black fine grained BdT. ALTERATION: Weak to moderate pervasive sil/porc alteration, weak pervasive and fracture fill chl. Weak ser as bedded parallel veinlets and dissem STRUCTURE: Well bedded, locally disrupted, weak lim fracture fill towards lower contact. MINERALIZATION: 2-3% dissem po, 1% dissem py LC: FZ.			
97.00	99.00				C
		STRUCTURE: Bedding at 60°.			
99.80	100.10				C
		ALTERATION: 30 cm carb (cc) vein at 40°.			
100.00	100.10				C
		COMMENT: Lost drill water.			
100.60	101.50	FZ			A
		20 cm sandy GO			
		STRUCTURE: 20 cm of sandy fine to medium grained gouge, plus rubbly rusty broken core.			
101.50	134.60	BdT	cherty	porc	A
		strong porc 1-4% po			
		LITHOLOGY: Light grey to white to black BdT with strong porc/sil alteration +/- trm? hornfelsing? STRUCTURE: Fair bedding commonly shattered, disrupted, or distorted. ALTERATION: Strong pervasive porc/sil, moderate pervasive trm?, weak moderate ser as bed parallel veinlets. Weak carb fracture fill & stockwork. MINERALIZATION: 1-2% po, 1-2% py. LC: Sharp, irregular.			
102.80	104.20				C
		STRUCTURE: Moderate angular broken core with lim fracture fill.			
104.20	104.20				C
		COMMENT: Hole caved.			
107.50	108.40				C
		STRUCTURE: Bedding at 60°.			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
112.00	114.00				C
		STRUCTURE: Bedding at 50°.			
113.70	130.20				C
		MINERALIZATION: 3-4% po dissem and fracture fill, 1% py dissem.			
115.00	122.00				C
		STRUCTURE: Bedding at 50° to 60°, bed parallel? ser veins to 1 cm.			
123.00	124.00				C
		STRUCTURE: Bedding at 55°.			
130.20	134.00				B
		4-6% fg po in patches w/ carb			
		MINERALIZATION: 4-6% fine grained dissem po and fracture fill, in patches with carb, 1% dissem py. ALTERATION: Moderate to strong carb.			
132.00	133.50				C
		STRUCTURE: Bedding at 45°.			
134.60	142.30	HFBp	cmfT	chl	A
		dk grn gry			
		LITHOLOGY: Dark green grey HFBp with 30% subhedral light grey to pink hb needles <3mm; 15% -20% anhedral Fxl ghosts usually cryptic <3mm; 10-15% euhedral light grey pink biotite phenos <5 mm; very fine grained to aphanitic matrix. ALTERATION: Moderate to strong pervasive and ff chl, moderate to strong pervasive K-spar, moderate pervasive ser, weak carb alteration as fracture fill and tension fractures to 1cm thick. MINERALIZATION: 2% py as dissem and fine irregular fracture fill, trace to 1% dissem po. LC: Sharp, broken core.			
135.00	140.00				C
		ALTERATION: Irregular cc/py/po tension fractures <1 cm, generally at low angle to core axis.			
142.30	148.50	BdT	fT		A
		wk porc			
		LITHOLOGY: Medium to dark grey to black BdT with weak pervasive porc alteration. STRUCTURE: Well bedded, locally disrupted strong angular broken core near upper contact. ALTERATION: Weak pervasive sil alteration, weak ser as veinlets to 0.8cm, weak carb fracture fill. MINERALIZATION: 2-4% po as bed parallel, veinlets and dissem, trace to 1% py dissem. LC: Strong broken core.			
142.30	143.40				C
		STRUCTURE: Moderate to strong broken core; likely not FZ.			
144.00	147.00				C
		STRUCTURE: Bedding at 70°.			
148.50	153.90	strg BC:porc BdT	fT		A
		wk-mod porc			
		LITHOLOGY: Light to black weak to moderate porc alteration with good locally disrupted as fractured bedding; strong broken core with lim fracture fill. ALTERATION: Weak to moderate porc/sil; weak ser as veinlets <1 cm?; weak carb fracture fill.			
153.90	164.60	BdT	cherty	porc	A
		strong porc 1-2% po			
		LITHOLOGY: Light to medium grey cherty BdT. STRUCTURE: Well bedded, locally distorted, disrupted and fractured ALTERATION: strong pervasive porc alteration,			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
		weak-moderate ser as bed parallel veinlets to 1cm MINERALIZATION: 1-2% dissem po, trace dissem py. LC: Sharp at 40°.			
154.70	158.60				C
		STRUCTURE: Bedding at 65°.			
160.60	161.50				C
		STRUCTURE: Bedding at 50°.			
161.80	163.50				C
		STRUCTURE: Bedding at 80°.			
164.60	175.60	**HFBp**	cmfT	chl	A
		gry-grn			
		LITHOLOGY: Medium to dark grey to green HFBp with 30% light grey to pink to cream to green hb phenos <3 mm; 10-15% Fxl ghosts <2 mm or cryptic; 10% euhedral light grey to pink biotite phenos <5 mm; matrix very fine grained to aphanitic. ALTERATION: Moderate to strong pervasive K-spar, moderate to strong pervasive and fracture fill chl, moderate pervasive ser, weak carb as fracture fill and tension fractures to 1 cm. MINERALIZATION: 1% po, 1% py. LC: 4 cm carb vein at 75°.			
167.00	168.00				C
		STRUCTURE: Carb/po tension fractures at 5°.			
175.60	180.00	**BdT**	fT	blk	A
		blk-dk gry; wk porc alt'n			
		LITHOLOGY: Dark grey to black fine grained BdT. STRUCTURE: Fair to poor bedding, commonly disrupted. ALTERATION: Weak pervasive/porc sil; weak to moderate carb fracture fill (hornfelsing?). MINERALIZATION: Trace to 1% po, trace to 1% py. LC: Sharp at 75°.			
178.50	179.00				C
		STRUCTURE: Bedding at 50°.			
180.00	182.30	**HFBp**	cmfT	chl	A
		gry-grn			
		DAP: 164.60 to 175.60m except LC: Sharp, irregular.			
182.30	192.30	**BdT**	fT	blk	A
		blk-dk gry			
		LITHOLOGY: Black to dark grey fine grained BdT with poor, commonly distorted or disrupted bedding. ALTERATION: Weak to absent sil/porc alteration, weak to absent graph fracture fill, weak to moderate carb fracture fill. Patchy pervasive and fracture fill chl/ser. MNIERALIZATION: 2-3% dissem and fracture fill po, with pervasive patches with carb to 3 cm, trace fine to medium grained dissem py. LC: Sharp, irregular.			
183.90	184.00				C
		ALTERATION: 1 cm cc vein at 70°.			
185.90	186.00				C
		ALTERATION: 3cm cc brecciated vein at 70°.			
188.50	189.00				B
		10 cm perv po/carb			
		MINERALIZATION: 10 cm of 50% fine grained po, 5% fine to medium grained py. ALTERATION: Strong pervasive chl, moderate pervasive ser.			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
192.30	199.00	**HFBp**	cmfT	chl	A
		fresh			
		LITHOLOGY: Dark mottled grey near UC and LC, medium to light green to grey green near middle HFBp with 35% light grey to pink to dark green subhedral hb needles <3 mm, 20%-40% white to cloudy subhedral-anhedral Fxls <2mm; 10-12% euhedral pink to cream biotite phenos <5 mm; very fine grained to aphanitic matrix. ALTERATION: Weak to moderate pervasive and fracture fill chl, moderate pervasive ser, moderate to strong K-spar, moderate cc/carb fracture fill and stockwork to 5 mm, 6-8 per metre. MINERALIZATION: 2-4% dissem po. LC: Sharp at 50°. COMMENTS: Certain patches look quite unaltered.			
197.00	199.00				C
		ALTERATION: cc +/- chl, +/- po stockwork/tension fractures at 35°.			
199.00	225.00	**BdT**	fT	blk	A
		blk			
		LITHOLOGY: Black, locally dark grey to green grey fine grained BdT. STRUCTURE: Fair to poor bedding to massive; weak to moderate broken core throughout. ALTERATION: Weak pervasive and fracture fill graphite, local strong chl, moderate ser with po/py; weak fracture fill carb, weak to moderate pervasive trm (hornfelsing?) MINERALIZATION: 1-2% po, locally to 8%; 1% to 9% py. LC: Sharp at 80°.			
200.40	202.20				B
		10% cg py/chl patch			
		MINERALIZATION: 6% coarse grained py, 2% po. ALTERATION: Strong pervasive chl, moderate pervasive ser.			
205.20	205.60				B
		limestone bd			
		LITHOLOGY: limestone beds, or limy beds, strong pervasive carb alteration. STRUCTURE: Bedding at 75°.			
207.20	209.50				C
		STRUCTURE: Moderate to angular broken core; likely not FZ.			
212.30	213.00				B
		10% po patches w/ perv chl			
		MINERALIZATION: 10% fine grained irregular po patches with lesser pervasive and dissem; 1% medium grained dissem py. ALTERATION: Strong pervasive chl, weak pervasive ser.			
215.50	217.20				C
		STRUCTURE: Bedding at 60°.			
221.30	224.00				C
		STRUCTURE: Bedding at 80°.			
224.30	224.40				B
		v wk FZ			
		STRUCTURE: Weak graphitic GO, carb and py lineation at 80°.			
225.00	248.00	**HFBp**	cmfT	chl	A
		"fresh"			
		LITHOLOGY: Mottled dark green to medium green-grey to medium grey "fresh" HFBp with 30%-35% dark green to light grey to pink subhedral hb phenos <3 mm; 20%-30% white to cloudy subhedral-euhedral Fxls <2 mm, 10%-15% cream-light grey euhedral biotite phenos <5 mm; very fine grained to aphanitic matrix. ALTERATION: Weak to moderate pervasive chl alteration, moderate to strong K-spar alteration, weak carb fracture fill, moderate pervasive ser. Weak axinite as tension fractures. MINERALIZATION: Trace to 1% po, trace to 1% py. LC: FZ			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
244.00	255.00				C
		ALTERATION: 1 cm axinite at 5 to 20° to 1 cm; about 2 per metre.			
248.00	248.50	**FZ**			A
		strong lim coating on BC,1% GO			
		STRUCTURE: Strong lim coating on strong angular broken core, 1% fine grained gouge. COMMENT: Lost drill water.			
248.50	269.60	**HFBp**	**cmfT**	**chl**	A
		fresh			
		DAP: 225.00 - 248.00m except LC: Sharp, irregular.			
265.00	268.00				C
		LITHOLOGY: Rare fT fragments to 1 cm.			
269.60	278.80	**BdT**	**fT**	**blk**	A
		blk-dk gry			
		LITHOLOGY: Black to dark grey BdT. STRUCTURE: Poorly bedded, commonly distorted or disrupted; moderately broken core throughout. ALTERATION: Weak to moderate pervasive and fracture fill graph, moderate carb as fracture fill and breccias, weak to absent pervasive trm? H> 5.0 - hornfelsing? MINERALIZATION: Trace to 1% py. LC: FZ, cc vein.			
276.40	277.80				C
		STRUCTURE: Bedding at 65°.			
278.80	279.40	**FZ**			A
		30 cm GO rbl, 5° GO			
		STRUCTURE: Strong gougy FZ: 5% gouge in rubble, 15-20 cm cc veins at UC & LC at 80°, small chl ser/veining past lower contact.			
279.40	291.30	**HFBp**	**cmfT**	**chl**	A
		grn-gry			
		LITHOLOGY: Medium green to grey mottled to medium green. HFBp with 35% light grey to pink to dark green subhedral hb laths and needles <3 mm, 15%-25% subhedral-anhedral white to cloudy Fxls <3 mm; 10-15% light grey to pink to dark green biotite; very fine grained to aphanitic matrix. ALTERATION: Weak to moderate pervasive and fracture fill chl, moderate to strong to pervasive K-spar, moderate pervasive ser weak carb as fracture fill and irregular veinlets, weak axinite tension fractures to 1.5 cm. MINERALIZATION: 2-4% dissem and fracture fill py. LC: Sharp, irregular.			
283.90	286.00				B
		mod BC w/ lim ff			
		STRUCTURE: Moderate broken core and irregular fractures with lim fracture fill. ALTERATION: Strong pervasive chl. COMMENTS: Weak fault zone.			
291.30	294.70	**AND Dyke**			A
		dk grn AND dyke			
		LITHOLOGY: Dark green fine grained AND dyke with 1% black py/axinite? phenos <0.5 mm, 1% white Fxls? <0.5mm; black to dark grey with flow banding at margins ALTERATION: weak carb ff MINERALIZATION: trace py, trace po LC: 50° sharp			
294.70	326.30	**HFBp**	**cmfT**	**chl**	A
		HFBp			
		LITHOLOGY: medium green to gry-green HFBp with 30-35% pink to light grey to green-grey subhedral hornblende needles and laths <3mm; white to cloudy subhedral to anhedral Fxls <3mm; 5-10% light grey to pink euhedral biotite phenos very fine grained to aphanitic matrix ALTERATION: strong-moderate pervasive and ff chl, strong pervasive K-spar, weak carb as ff and veins, moderate pervasive ser MINERALIZATION: 1-2% dissem and ff py, 1-2% dissem and ff po, trace patchy sph, trace			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
		ff moly LC: sharp, BC			
298.40	299.70				C
		ALTERATION: Strong pervasive and fracture fill chl alteration.			
308.50	308.60				C
		MINERALIZATION: Fracture fill moly patches.			
321.00	326.00				C
		ALTERATION: Quartz/chl/carb/po tension fractures at 5 to 10° to core axis to 1.5 cm thick, around 1 per metre; some massive chl in tension fractures.			
326.30	333.30	**BdT**	**fT**	**graph**	A
		blk graph			
		LITHOLOGY: Black, locally dark grey poorly bedded to massive, commonly disrupted BdT. STRUCTURE: Moderate to strong broken core throughout. ALTERATION: Moderate pervasive and fracture fill graph. Weak to moderate carb stockwork and fracture fill. MINERALIZATION: 2-3% fine to medium grained py, 1% po, trace sph, trace arsenopy. LC: FZ.			
326.70	328.30				C
		MINERALIZATION: 1% sph as veinlets and dissem, 1% arsenopy as veinlets to 7mm.			
330.20	330.60				C
		LITHOLOGY: Limy (limestone?) bed, 30 cm wide at 30° with chl. COMMENT: limestone bed? vein?			
332.00	332.80				C
		STRUCTURE: Bedding at 75°.			
333.30	335.30	**FZ**			A
		rbly BC			
		STRUCTURE: Rubbly broken core, trace gouge. COMMENT: Driller marker block proclaims "fault".			
335.30	339.50	**BdT**	**fT**	**graph**	A
		blk, graph			
		DAP: 326.30 to 335.30m except LC: Broken core.			
335.30	338.70				B
		intense carb stwk			
		ALTERATION: Intense carb veining and stockwork, dominant angles at 60° to 80°.			
339.50	340.90	**HFxl**	**cmfT**	**graph**	A
		blk graph			
		LITHOLOGY: Mottled greenish black HFxl with 35% with light grey-tan subhedral hornblende laths and needles </=3mm; fine grained black matrix ALTERATION: moderate pervasive and ff graphite, moderate pervasive and ff chl, weak carb ff MINERALIZATION: 3-4% py replaced hb phenos, dissem and ff LC: sharp, BC STRUCTURE: strong BC throughout			
340.90	351.00	**BdT**	**fT**		A
		blk-dk gry; wk porc			
		LITHOLOGY: black to dark-medium grey BdT with poor bedding to massive, commonly disrupted ALTERATION: weak to absent pervasive porc/sil, moderate to absent patchy ser as irregular veinlets, weak carb ff, weak chl ff STRUCTURE: moderate BC throughout MINERALIZATION: 2-3% py, trace sph, 1% po LC:			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
		gradational			
343.00	343.20				C
		ALTERATION: cc, Fe-carb, ser lineation/vein at 70°.			
343.30	346.00				C
		STRUCTURE: Strong angular broken core, likely not FZ.			
346.00	346.20				C
		MINERALIZATION: 4-5% coarse grained py, 1-2% sph all as coarse grained granular patches with lesser fine grained dissem.			
351.00	376.80	**BdT**	**fT**	**porc**	A
		mod-strong porc			
		LITHOLOGY: Light to medium grey, locally dark grey to black BdT. STRUCTURE: Poor to good bedding, commonly disrupted, distorted or fractured. ALTERATION: Moderate to strong pervasive porc/sil, moderate to strong patchy ser as irregular veins. Weak to absent pervasive and fracture fill chl. Weak pervasive K-spar, weak carb as veins to 6cm. LC: Sharp, irregular. MINERALIZATION: 2-3% py, 1-2% po, trace sph.			
351.00	351.80				C
		STRUCTURE: Bedding at 50°.			
358.30	358.40				C
		MINERALIZATION: 15% sph as semimassive to massive patch with 6% py over 10 cm.			
358.50	358.90				C
		STRUCTURE: Bedding at 60°.			
360.30	361.00				C
		ALTERATION: Open cc filled vugs.			
361.00	361.10				C
		COMMENT: Drill hole starting to make water at collar.			
361.00	364.20	**BdT**	**fT**	**blk**	B
		blk-dk gry			
		LITHOLOGY: Black to dark grey fine grained BdT with moderate to distorted bedding.			
362.00	362.20				C
		STRUCTURE: Bedding at 55°.			
372.00	373.20				C
		STRUCTURE: Bedding at 70°.			
373.20	373.20				C
		ALTERATION: Brecciated carb (cc) vein with py, 2 cm thick at 30°.			
374.60	375.00				C
		STRUCTURE: Bedding at 50°.			
376.80	378.80	**HFBp**	**cmfT**		A
		dk gry			
		LITHOLOGY: Mottled dark grey with patchy pink HFBp with 35% pink subhedral hb needles <3 mm, 20% to cryptic anhedral Fxl ghosts <3 mm, 8-10% pink euhedral			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
		biotite phenos <5 mm. Very fine grained to aphanitic matrix. ALTERATION: Strong pervasive K-spar, weak pervasive and fracture fill chl, moderate pervasive ser, weak carb fracture fill. MINERALIZATION: 1% dissem sph, 2% py as dissem, stringers to 5 mm and fracture fill; 3% fine grained dissem po. LC: Sharp, irregular with fT fragments to 3 cm.			
378.80	385.30	**BdT** *strong porc alt'n* LITHOLOGY: Light to medium grey BdT with strong porc, fair bedding, commonly distorted, fractured or disrupted. ALTERATION: Strong sil/porc, strong ser as patchy bed parallel veins. MINERALIZATION: 2% py dissem, 2% po dissem. LC: Weak FZ at 55°.	cherty	porc	A
383.80	384.80	STRUCTURE: Bedding at 50°.			C
385.30	386.80	**HFBp** *dk gry* DAP: 376.80 to 378.80m except 2% dissem sph LC: Sharp at 50°.	cmfT		A
386.80	407.80	**BdT** *BdT w/ mod-strong porc alt'n* LITHOLOGY: Light to medium to dark grey BdT with fair to poor bedding, commonly distorted, disrupted and fractured. ALTERATION: Moderate to strong pervasive porc/sil, moderately patchy and bed parallel ser, weak fracture fill carb, weak to absent pervasive and fracture fill chl, MINERALIZATION: Trace to 1% dissem po, 2-3% py as fine grained granular patches with less dissem. LC: Gradational.	cherty	porc	A
389.90	390.70	STRUCTURE: Bedding at 55°.			C
390.70	390.80	COMMENT: Drill hole cave material, around 10 cm.			C
391.40	391.50	MINERALIZATION: 10 cm of 15% py.			C
392.00	393.00	STRUCTURE: Bedding at 85°.			C
393.50	394.30	STRUCTURE: Bedding at 60°.			C
398.00	398.30	STRUCTURE: Beddiing at 65°.			C
401.70	402.70	STRUCTURE: Bedding at 65°.			C
403.40	404.10	STRUCTURE: Bedding at 75°.			C
406.50	406.60	STRUCTURE: Bedding at 60°.			C

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
407.80	426.60	**BdT**	**fT**		A
		dk gry, wk porc alt'n			
		LITHOLOGY: Dark grey BdT to medium grey to black fine grained; bedding good to poor, commonly disrupted, fractured or distorted. ALTERATION: Weak porc/sil, weak patchy chl and ser, weak fracture fill carb. MINERALIZATION: 2-4% fine to medium grained dissem py, fracture fill and bedding parallel, 2-3% fine grained po as bedding parallel with less dissem. LC: FZ			
408.00	425.60				C
		STRUCTURE: Moderate angular broken core, pieces 1 to 20 cm, most 4-6 cm.			
414.00	416.00				C
		STRUCTURE: Bedding at 75°.			
418.30	418.40				C
		COMMENT: 4 cm drill hole cave material.			
419.10	419.90				C
		STRUCTURE: Bedding at 45°.			
419.60	423.10				C
		MINERALIZATION: 5-6% py bedding parallel and dissem, 1-3% po bedding parallel and dissem.			
420.30	423.10				C
		STRUCTURE: Bedding at 80°.			
426.10	426.60				C
		STRUCTURE: Bedding at 50°.			
426.60	429.30	**FZ**			A
		ang rbly BC,1% GO			
		STRUCTURE: Rubbly angular broken core with 1% gouge throughout.			
429.30	436.20	**BdT**	**fT**		A
		dk gry, wk porc alt'n			
		DAP: 407.80 to 426.60m except LC: Strong broken core.			
430.00	431.00				C
		STRUCTURE: Bedding at 45°.			
436.20	439.60	**strg BC:BdT**	**fT**		A
		strong ang BC			
		STRUCTURE: strong angular BC, Fe-carb lineation near LC at 60° ALTERATION: moderate chl ff			
439.60	446.90	**BdT**	**cherty**	**porc**	A
		strong porc alt'n			
		LITHOLOGY: light-medium grey cherty BdT with strong porc alteration, good to fair bedding, locally distorted or fractured ALTERATION: strong porc/sil alteration, moderate patchy ser as bedding parallel veins, weak pervasive and ff chl MINERALIZATION: 2.5% py, 1% po LC: sharp, sericitic at 75° STRUCTURE: pockmarked with fractures			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
441.00	447.10				C
		STRUCTURE: Bedding at 70°.			
443.70	445.70				C
		STRUCTURE: Bedding at 65°.			
446.90	453.10	FHxl	mfT		A
		med gry			
		LITHOLOGY: Medium grey to pink grey massive HFxl with 35% pink subhedral hb laths and needles <3 mm, 25%-30% white to cloudy subhedral-anhedral Fxls <3 mm, very fine grained to aphanitic matrix. Rare porc fT fragments to 7 cm. ALTERATION: Strong to moderate pervasive K-spar, moderate pervasive ser, weak pervasive and fracture fill chl, weak carb (cc) fracture fill. LC: Sharp irregular with cc.			
453.10	462.60	BdT	cherty	porc	A
		mod-strong porc			
		LITHOLOGY: Light to medium locally dark grey cherty to fine grained BdT; poor disrupted, fractured and distorted bedding. ALTERATION: Moderate to strong pervasive porc/sil, moderate patchy ser as bedding parallel veins, weak reddish to greenish pervasive and fracture fill chl, weak carb as fracture fill MINERALIZATION: 3% dissem and ff py as fine grained granular patches with less dissem and fiff, 1% dissem and ff po. LC: Sharp at 65°.			
460.20	460.30				C
		STRUCTURE: Bedding at 50°.			
460.60	461.20				C
		ALTERATION: Dark grey BdT with moderate pervasive and fracture fill reddish chl.			
462.60	468.30	FHxl	mfT		A
		med gry			
		DAP: 446.90 to 453.10m except weak to moderate pervasive and fracture fill chl. LC: Sharp and irregular.			
468.30	488.70	BdT	cherty	porc	A
		mod porc			
		LITHOLOGY: Light to medium to dark grey BdT with moderate porc alteration; fair, generally poor bedding commonly disrupted, fractured, insitu breccia and disrupted. ALTERATION: Moderate, locally strong porc/sil alteration, weak to moderate pervasive and fracture fill chl, moderate ser as pervasive and bed parallel veins, weak carb fracture fill. Trace mariposite. MINERALIZATION: 2-3% py as fine grained granular patches with less fracture fill and dissem, 1-2% po as dissem and fracture fill. Trace sph. LC: Sharp at 45°.			
473.00	478.00				C
		STRUCTURE: Weak angular broken core.			
475.10	475.70				C
		STRUCTURE: Bedding at 55°.			
480.10	481.00				C
		STRUCTURE: Bedding at 75°.			
483.50	484.10				C
		STRCUTURE: Bedding at 70°.			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier	
485.20	486.20				C
		STRUCTURE: Strong angular broken core, likely not FZ.			
488.40	488.70				C
		LITHOLOGY: Silicified, highly fractured/brecciated BdT.			
488.70	491.30	**FHxl**	**mfT**		A
		med gry			
		DAP: 446.90-453.10m. ALTERATION: Moderate pervasive and fracture fill chl, moderate carb stockwork and fracture fill. MINERALIZATION: 3% dissem po, 2-3% dissem and fracture fill py. LC: Sharp, 70°.			
491.30	494.70	**BdT**	**fT**		A
		med-dk gry			
		LITHOLOGY: Light grey cherty porc BdT interbeded with dark grey fine grained BdT, relatively well bedded. ALTERATION: Weak to moderate pervasive porc/sil, weak to moderate pervasive and fracture fill reddish and green chl, weak carb fracture fill. MINERALIZATION: 2-5% py, 1-2% po, trace cpy, trace sph. LC: Sharp at 60°.			
491.60	493.30				C
		STRUCTURE: Bedding at 55°.			
493.80	494.70				C
		MINERALIZATION: 4-5% py as fine grained dissem, granular patches and ff, 1-2% po dissem and ff			
494.70	503.50	**HFBp**	**cmfT**	**chl**	A
		grn gry			
		LITHOLOGY: Medium green grey to medium green to medium grey HFBp with 35% pink subhedral-euhedral hb laths and needles <6 mm, 20% white to cloudy anhedral <4 mm; 15%-20% pink to light grey euhedral biotite phenos <6 mm. Unknown pseudomorph, anhedral replacement by black chl, 2-4mm. Very fine grained to aphanitic matrix. ALTERATION: Moderate to strong pervasive K-spar, moderate pervasive and fracture fill chl, moderate pervasive ser, weak fracture fill carb. MINERALIZATION: 0.5% po, 2-3% py, trace sph. LC: Sharp at 70°.			
503.50	507.49	**BdT**			A
		med to dk gry; wk-mod porc			
		DAP: 491.30 to 494.70m except moderate to strong pervasive fracture fill chl. LC: EOH.			
505.50	505.70				C
		STRUCTURE: Bedding at 75°.			
505.70	505.80				C
		STRUCTURE: 10 cm cc vein and matrix breccia			
507.49	507.49	**EOH**			A

Lac Minerals Ltd.
Red Mountain
LAC

DRILL LOG
MINERALIZATION & SAMPLING

MC94-224

Lengths measured in meters

Logged by: Rob McLeod	30/10/94	Northing	1,510.025
Checked by:	/ /	Easting	4,027.486
		Elevation	1,769.110

Length	507.49
Azimuth	090.0
Dip	-60.0

MC94-224

MINERALIZATION

From	To	As Py	C Py	Galena	Py	Po	Sph						
4.00	5.00				3.0								
8.00	9.00				3.0								
9.00	10.00				2.0								
10.00	11.00				3.0	0.2							
11.00	12.00				2.0	1.0							
12.00	13.00				1.5	1.5							
13.00	14.00				1.5	3.0							
31.00	32.00				0.5	5.0							
32.00	33.00				2.0	4.0							
33.00	34.00				2.0	4.0							
34.00	35.00				2.0	3.0							
35.00	36.00				2.0	2.0							
39.00	40.00				2.0	4.0							
40.00	41.00				1.5	1.5							
41.00	42.00				1.0	2.0							
44.00	45.00				3.0	1.0							
48.00	49.00				1.0	2.0							
53.00	54.00				1.5	2.5							
54.00	55.00				0.5	3.0							
0.00	0.00												

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC26901	A I	fg dissem, bed parallel & ff, BdT
RMC26902	A I	fg dissem, bed parallel & ff, BdT
RMC26903	A I	fg dissem, bed parallel & ff, BdT
RMC26904	A I	fg dissem, bed parallel & ff, BdT
RMC26905	A I	fg dissem, bed parallel & ff, BdT
RMC26906	A I W	fg dissem, bed parallel & ff, BdT
RMC26907	A I	fg dissem, bed parallel & ff, BdT
RMC26908	A I	fg dissem, bed parallel & ff, BdT
RMC26909	A I	fg dissem, bed parallel & ff, BdT
RMC26910	A I	fg dissem, bed parallel & ff, BdT
RMC26911	A I	fg dissem, bed parallel & ff, BdT
RMC26912	A I W	fg-mg dissem, bed parallel and ff, BdT
RMC26913	A I	fg-mg dissem, bed parallel and ff, BdT
RMC26914	A I	fg dissem, bed parallel, & ff, BdT
RMC26915	A I	fg dissem, bed parallel, & ff, BdT
RMC26916	A I	fg-mg granular patches with less dissem; BdT
RMC26917	A I W	fg dissem & ff; BdT
RMC26918	A I	fg dissem, ff & bed parallel; BdT
RMC26919	A I	fg dissem, ff & bed parallel; BdT
RMC26920	A I	Standard #2

rev310c93

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

17/04/95

MC94-224

MINERALIZATION   SAMPLING

From	To						SampleID	Type(s)*	DESCRIPTION
55.00	56.00				1.0	2.0	RMC26921	A I	fg dissem, ff & bed parallel; BdT
58.00	59.00				1.0	1.0	RMC26922	A I	fg dissem; BdT
65.00	66.00				3.0		RMC26923	A I	fg granular patches with less dissem; HFBp
89.00	90.00				1.0	0.5	RMC26924	A I W	fg dissem, HFBp
98.00	99.00				1.0	1.0	RMC26925	A I	fg dissem & ff; BdT
110.00	111.00				1.0	1.0	RMC26926	A I	fg dissem & ff; BdT
111.00	112.00				1.0	1.0	RMC26927	A I	fg dissem & ff; BdT
112.00	113.00				1.0	1.0	RMC26928	A I W	fg dissem & ff; BdT
113.00	114.00				0.5	1.0	RMC26929	A I	fg dissem & ff; BdT
114.00	115.00				0.5	1.0	RMC26930	A I	fg dissem & ff; BdT
115.00	116.00				0.5	1.5	RMC26931	A I	fg dissem & ff; BdT
116.00	117.00				0.3	3.0	RMC26932	A I	fg granular patches with less dissem & ff; BdT
117.00	118.00				0.2	3.0	RMC26933	A I	fg granular patches with less dissem & ff; BdT
118.00	119.00					1.0	RMC26934	A I	fg dissem & ff; BdT
119.00	120.00				0.5	1.0	RMC26935	A I	fg dissem & ff; BdT
120.00	121.00				0.5	1.5	RMC26936	A I	fg dissem & ff; BdT
121.00	122.00				1.0	1.0	RMC26937	A I	fg dissem & ff; BdT
122.00	123.00				0.5	3.0	RMC26938	A I	fg granular patches with less dissem & ff; BdT
123.00	124.00				1.0	3.0	RMC26939	A I	fg granular patches with less dissem & ff; BdT
0.00	0.00						RMC26940	A I	Standard #1
124.00	125.00				1.0	2.0	RMC26941	A I	fg granular patches with less dissem & ff; BdT
125.00	126.00				1.0	2.0	RMC26942	A I	fg granular patches with less dissem & ff; BdT
126.00	127.00				2.0	1.0	RMC26943	A I	fg granular patches with less dissem & ff; BdT
127.00	128.00				0.5	3.0	RMC26944	A I	fg granular patches with less dissem & ff; BdT
128.00	129.00				0.5	3.0	RMC26945	A I W	fg granular patches with less dissem & ff; BdT
129.00	130.00				1.0	3.0	RMC26946	A I	fg granular patches with less dissem & ff; BdT
130.00	131.00				0.2	6.0	RMC26947	A I	fg granular patches with carb with less dissem; BdT
131.00	132.00				0.2	6.0	RMC26948	A I	fg granular patches with carb with less dissem; BdT

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MINERALIZATION

SAMPLING

From	To													SampleID	Type(s)*	DESCRIPTION
132.00	133.00				0.2	5.0								RMC26949	A I	fg granular patches with carb with less dissem; BdT
133.00	134.00				0.4	5.0								RMC26950	A I	fg granular patches with carb with less dissem; BdT
134.00	134.40				0.2	2.0								RMC26951	A I	fg granular patches with carb with less dissem; BdT
138.00	139.00				1.0	1.0								RMC26952	A I W	fg dissem & fiff; HBFp
145.00	146.00				1.0	1.0								RMC26953	A I	fg dissem & fiff; BdT
155.00	156.00				1.0	1.5								RMC26954	A I	fg dissem & fiff; BdT
158.00	159.00				1.0	1.0								RMC26955	A I	fg dissem & fiff; BdT
163.00	164.50				1.0	1.0								RMC26956	A I	fg dissem & fiff; BdT
166.00	167.00				1.0	1.0								RMC26957	A I W	fg dissem & fiff; HFBp
177.00	178.00				0.5	0.5								RMC26958	A I	fg dissem & fiff; BdT
183.00	184.00				1.0	2.0								RMC26959	A I W	po replaced py cubes- dissem & fiff, BdT
0.00	0.00													RMC26960	A I	Standard #2
187.00	188.00				2.5	1.5								RMC26961	A I	fg-cg granular patches with less dissem; BdT
188.00	189.00				2.0	3.0								RMC26962	A I	fg-cg granular patches with less dissem; BdT
189.00	190.00				0.5	2.0								RMC26963	A I	fg dissem & fiff, BdT
194.00	195.00				0.2	0.3								RMC26964	A I W	fg dissem & fiff, BdT; HFBp
200.00	201.00				6.0	1.0								RMC26965	A I	cg irregular patches approx 2cm thick with less dissem, BdT
201.00	202.00				4.0	0.5								RMC26966	A I	cg granular patches with less dissem; BdT
202.00	203.00				2.0	2.0								RMC26967	A I	cg granular patches with less dissem; BdT
212.00	213.00				1.0	5.0								RMC26968	A I	cg granular patches with less dissem; BdT
213.00	214.00				1.0	1.0								RMC26969	A I	fg dissem & fiff; BdT
217.00	218.00				2.0	0.5								RMC26970	A I W	fg stringers to 3 mm with less dissem & fiff; BdT
218.00	219.00				4.0	0.3								RMC26971	A I	fg-mg dissem, bed parallel and ff; BdT
221.00	222.00				1.5	1.5								RMC26972	A I	fg-mg dissem, bed parallel and ff; BdT
222.00	223.00				1.0	1.0								RMC26973	A I	fg-mg dissem, bed parallel and ff; BdT
223.00	224.00				1.0	1.0								RMC26974	A I	fg-mg dissem, bed parallel and ff; BdT
224.00	225.50				2.0	1.0								RMC26975	A I	fg-mg dissem, bed parallel and ff; BdT
227.00	228.00					1.0								RMC26976	A I W	fg dissem; HBFp

rev310ct93

values measured in percent

* Sample Types Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MINERALIZATION

SAMPLING

From	To													SampleID	Type(s)*	DESCRIPTION
238.00	239.00					1.0								RMC26977	A I	fg dissem; HBFp
239.00	240.00					1.0								RMC26978	A I	fg dissem; HBFp
242.00	243.00				0.2	0.5								RMC26979	A I W	fg dissem & fiff
0.00	0.00													RMC26980	A I	Standard #3
262.00	263.00				0.2	0.2								RMC26981	A I W	fg dissem & fiff; HBFp
268.00	269.60				0.5	1.0								RMC26982	A I	fg dissem & fiff; HBFp
393.00	394.00		0.2		1.0	1.0								RMC38524	A I	fg dissem; BdT
402.00	403.00				2.0	1.0	0.2							RMC38525	A I W	fg-mg granular patches with less dissem; BdT
403.00	404.00				1.0	1.5								RMC38526	A I	fg dissem & fiff; BdT
406.00	407.00				1.0	1.0								RMC38527	A I	fg dissem & fiff; BdT
415.00	416.00				1.0	0.3								RMC38528	A I	fg dissem & fiff; BdT
419.00	420.00				1.0	3.0								RMC38529	A I	fg dissem, bed parallel, fiff, BdT
420.00	421.00				4.0	2.0								RMC38530	A I	fg dissem, bed parallel, fiff, BdT
421.00	422.00				7.0	2.0								RMC38531	A I	fg dissem, bed parallel, fiff, BdT
422.00	423.00				3.0	3.0								RMC38556	A I	fg dissem, bed parallel, fiff, BdT
423.00	424.00				1.0	1.0								RMC38532	A I	fg dissem, bed parallel, fiff, BdT
424.00	425.00				1.0	1.0								RMC38533	A I W	fg dissem with fg granular patches; BdT
425.00	426.50				2.0	1.0								RMC38534	A I	fg dissem with fg granular patches; BdT
435.00	436.00				1.5	0.5								RMC38535	A I	fg dissem with fg granular patches; BdT
440.00	441.00				1.0	1.0								RMC38536	A I	fg dissem & fiff; BdT
441.00	442.00				2.0	1.0								RMC38537	A I	fg dissem & fiff; BdT
442.00	443.00				1.0	2.0								RMC38538	A I	fg dissem & fiff; BdT
447.00	448.00				2.0									RMC38539	A I W	fg dissem & fiff; FHxl
0.00	0.00													RMC38540	A I	Standard #3
455.00	456.00				1.0	1.0								RMC38541	A I	fg dissem, bed parallel & fiff; BdT
456.00	457.00				1.0	1.0								RMC38542	A I	fg dissem & fiff; BdT
460.00	461.00				3.0	1.0								RMC38543	A I	fg dissem & ff; BdT
461.00	462.00				2.5	2.0								RMC38544	A I	fg granular patches with less dissem & ff; BdT

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MINERALIZATION

SAMPLING

From	To												SampleID	Type(s)*	DESCRIPTION
466.00	467.00				2.0								RMC38545	A I W	fg dissem & fiff; FHxl
471.00	472.00				1.0	1.5							RMC38546	A I	fg dissem, bed parallel & fiff; BdT
475.00	476.00				2.0	2.0							RMC38547	A I	fg dissem, bed parallel & fiff; BdT
479.00	480.00				3.0								RMC38548	A I	fg dissem & ff; BdT
482.00	483.00				1.0	1.0							RMC38549	A I W	fg dissem & ff; BdT
484.00	485.00				0.5	1.0							RMC38550	A I	fg dissem & fiff; BdT
488.00	488.70				3.0		0.2						RMC38551	A I	fg dissem granular patches & ff; BdT
491.30	492.50				3.0	2.0							RMC38552	A I	fg granular patches with less dissem; BdT
492.50	493.50				2.0	0.5	0.2						RMC38553	A I	fg granular patches with less dissem; BdT
493.50	494.60				5.0	2.0							RMC38554	A I	fg granular patches with less dissem; BdT
498.00	499.00				2.0	0.3	0.3						RMC38555	A I W	fg dissem & ff; HFBp
503.30	504.50				2.0	0.3	0.2						RMC38557	A I	fg dissem & ff ; BdT
504.50	506.00				3.0	0.5							RMC38558	A I	fg granular patches with less dissem & ff; BdT
476.00	477.00				3.0	0.5							RMC38559	A I	veins to 1 cm with less dissem & fiff; BdT
0.00	0.00												RMC38560	A I	Standard #1
270.00	271.00				1.0	1.0							RMC26983	A I	fg dissem, bed parallel & fiff; BdT
276.50	278.00				3.0								RMC26984	A I	fg dissem, bed parallel & fiff; BdT
281.00	282.00				2.0								RMC26985	A I W	fg dissem; HFBp
290.00	291.30				1.0	0.3							RMC26986	A I	fg dissem; HFBp
301.00	302.00				0.2	1.0							RMC26987	A I W	fg dissem; HFBp
308.00	309.00				1.0	0.5						0.3moly	RMC26988	A I	fg dissem & fiff; HFBp
318.00	319.00				1.0		0.7						RMC26989	A I	fg dissem & fiff; HFBp
320.00	321.00				1.0	1.0							RMC26990	A I W	fg dissem, HFBp
321.00	322.00				0.2	2.0							RMC26991	A I	fg dissem, HFBp
326.30	327.00				3.0		0.2						RMC26992	A I	fg stringers to 5 mm with less dissem & fiff; BdT
327.00	328.00				2.0	2.0	0.2						RMC26993	A I	fg granular patches with less dissem & fiff; BdT
328.00	329.00	1.0			1.5	1.5	0.3						RMC26994	A I	fg stringers to 7mm with less dissem & fiff; BdT
329.00	330.00				0.5	0.5							RMC26995	A I	fg dissem & fiff; BdT

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

MINERALIZATION

From	To											
332.00	333.00				1.0	1.0						
336.00	337.70				4.0							
340.00	341.00				2.0							
345.00	346.00				1.0	1.0						
0.00	0.00											
346.00	347.00				2.0	1.0						
347.00	348.00				1.0	1.0						
352.00	353.00				2.0	3.0						
356.00	357.00				1.0	3.0						
357.00	358.00				1.0	3.0						
358.00	359.00				2.0	1.0	1.0					
359.00	360.00				2.0	2.0						
360.00	361.00				3.0							
363.00	364.00				1.0	2.0	0.2					
364.00	365.00				1.0	2.0						
365.00	366.00				1.0	2.0						
366.00	367.00				3.0	2.0						
367.00	368.00				4.0	2.0						
368.00	369.00				2.0	2.0						
369.00	370.00				2.0	1.0						
373.00	374.00				3.0	0.3						
374.00	375.00				2.0	0.5						
377.00	378.00				1.0	0.5	0.2					
383.00	384.00				1.0	3.0						
0.00	0.00											
384.00	385.40				2.0	2.0						
385.40	386.80				2.0	0.4	0.3					
391.00	392.00				3.0	1.0						

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC26996	A I	fg dissem & fiff; BdT
RMC26997	A I	fg-mg granular patches with less dissem; BdT
RMC26998	A I W	fg dissem; FHxl
RMC26999	A I	fg granular patches with less dissem; BdT
RMC27000	A I	Standard #2
RMC38501	A I	fg granular patches with less dissem; BdT
RMC38502	A I	fg dissem & fiff; BdT
RMC38503	A I	fg perv, dissem & fiff; BdT
RMC38504	A I W	fg dissem & fiff; BdT
RMC38505	A I	fg dissem & fiff; BdT
RMC38506	A I	fg granular patches with less dissem & fiff; BdT
RMC38507	A I	fg dissem & fiff; BdT
RMC38508	A I	fg granular patches with less dissem; BdT
RMC38509	A I	fg granular patches with less dissem; BdT
RMC38510	A I	fg dissem & fiff; BdT
RMC38511	A I	fg granular patches with less dissem & fiff; BdT
RMC38512	A I	fg dissem & ff; BdT
RMC38513	A I	fg dissem & ff; BdT
RMC38514	A I	fg dissem & ff; BdT
RMC38515	A I	fg dissem & ff; BdT
RMC38516	A I	fg granular patches with less dissem & fiff; BdT
RMC38517	A I	fg dissem & fiff; BdT
RMC38518	A I W	fg dissem; HFBp
RMC38519	A I W	fg dissem & ff; BdT
RMC38520	A I	Standard #2
RMC38521	A I	fg dissem & ff; BdT
RMC38522	A I	fg granular patches with less dissem; HFBp
RMC38523	A I	

values measured in percent

* Sample Types: Assay,Geochem,ICP,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)

Lac Minerals Ltd.

Red Mountain
WOTAN
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DRILL HOLE SAMPLE\ASSAY SUMMARY

MC94-224

Length measure: meters

Samples & Assays

From	To	Length	Sample ID	Type(s)*	Sample Description	MC94-224 Au† [gram/tonne]	Ag†
0.00	0.00	0.00	RMC26920	A I	Standard #2	0.00	0.00
0.00	0.00	0.00	RMC26940	A I	Standard #1	0.00	0.00
0.00	0.00	0.00	RMC26960	A I	Standard #2	0.00	0.00
0.00	0.00	0.00	RMC26980	A I	Standard #3	0.00	0.00
0.00	0.00	0.00	RMC38540	A I	Standard #3	0.00	0.00
0.00	0.00	0.00	RMC38560	A I	Standard #1	0.00	0.00
0.00	0.00	0.00	RMC27000	A I	Standard #2	0.00	0.00
0.00	0.00	0.00	RMC38520	A I	Standard #2	0.00	0.00
4.00	5.00	1.00	RMC26901	A I	fg dissem, bed parallel & ff, BdT	0.04	0.00 ETS
8.00	9.00	1.00	RMC26902	A I	fg dissem, bed parallel & ff, BdT	0.02	0.00 ETS
9.00	10.00	1.00	RMC26903	A I	fg dissem, bed parallel & ff, BdT	0.02	0.00 ETS
10.00	11.00	1.00	RMC26904	A I	fg dissem, bed parallel & ff, BdT	0.02	0.00 ETS
11.00	12.00	1.00	RMC26905	A I	fg dissem, bed parallel & ff, BdT	0.02	0.00 ETS
12.00	13.00	1.00	RMC26906	A I W	fg dissem, bed parallel & ff, BdT	0.02	0.00 ETS
13.00	14.00	1.00	RMC26907	A I	fg dissem, bed parallel & ff, BdT	0.02	0.00 ETS
31.00	32.00	1.00	RMC26908	A I	fg dissem, bed parallel & ff, BdT	0.02	0.00 ETS
32.00	33.00	1.00	RMC26909	A I	fg dissem, bed parallel & ff, BdT	0.02	0.00 ETS
33.00	34.00	1.00	RMC26910	A I	fg dissem, bed parallel & ff, BdT	0.05	0.00 ETS
34.00	35.00	1.00	RMC26911	A I	fg dissem, bed parallel & ff, BdT	0.05	0.00 ETS
35.00	36.00	1.00	RMC26912	A I W	fg-mg dissem, bed parallel and ff, BdT	0.06	0.00 ETS
39.00	40.00	1.00	RMC26913	A I	fg-mg dissem, bed parallel and ff, BdT	0.02	0.00 ETS
40.00	41.00	1.00	RMC26914	A I	fg dissem, bed parallel, & ff, BdT	0.05	0.00 ETS
41.00	42.00	1.00	RMC26915	A I	fg dissem, bed parallel, & ff, BdT	0.02	0.00 ETS
44.00	45.00	1.00	RMC26916	A I	fg-mg granular patches with less dissem; BdT	0.02	0.00 ETS
48.00	49.00	1.00	RMC26917	A I W	fg dissem & ff; BdT	0.02	0.00 ETS
53.00	54.00	1.00	RMC26918	A I	fg dissem, ff & bed parallel; BdT	0.02	0.00 ETS
54.00	55.00	1.00	RMC26919	A I	fg dissem, ff & bed parallel; BdT	0.02	0.00 ETS
55.00	56.00	1.00	RMC26921	A I	fg dissem, ff & bed parallel; BdT	0.02	0.00 ETS
58.00	59.00	1.00	RMC26922	A I	fg dissem; BdT	0.02	0.00 ETS
65.00	66.00	1.00	RMC26923	A I	fg granular patches with less dissem; HFBp	0.02	0.00 ETS
89.00	90.00	1.00	RMC26924	A I W	fg dissem, HFBp	0.02	0.00 ETS
98.00	99.00	1.00	RMC26925	A I	fg dissem & ff; BdT	0.02	0.00 ETS
110.00	111.00	1.00	RMC26926	A I	fg dissem & ff; BdT	0.02	0.00 ETS
111.00	112.00	1.00	RMC26927	A I	fg dissem & ff; BdT	0.02	0.00 ETS
112.00	113.00	1.00	RMC26928	A I W	fg dissem & ff; BdT	0.02	0.00 ETS
113.00	114.00	1.00	RMC26929	A I	fg dissem & ff; BdT	0.02	0.00 ETS
114.00	115.00	1.00	RMC26930	A I	fg dissem & ff; BdT	0.02	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Samples & Assays

MC94-224

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†
115.00	116.00	1.00	RMC26931	A I	fg dissem & ff; BdT	0.02	0.00 ETS
116.00	117.00	1.00	RMC26932	A I	fg granular patches with less dissem & ff; BdT	0.02	0.00 ETS
117.00	118.00	1.00	RMC26933	A I	fg granular patches with less dissem & ff; BdT	0.02	0.00 ETS
118.00	119.00	1.00	RMC26934	A I	fg dissem & ff; BdT	0.02	0.00 ETS
119.00	120.00	1.00	RMC26935	A I	fg dissem & ff; BdT	0.02	0.00 ETS
120.00	121.00	1.00	RMC26936	A I	fg dissem & ff; BdT	0.02	0.00 ETS
121.00	122.00	1.00	RMC26937	A I	fg dissem & ff; BdT	0.02	0.00 ETS
122.00	123.00	1.00	RMC26938	A I	fg granular patches with less dissem & ff; BdT	0.02	0.00 ETS
123.00	124.00	1.00	RMC26939	A I	fg granular patches with less dissem & ff; BdT	0.02	0.00 ETS
124.00	125.00	1.00	RMC26941	A I	fg granular patches with less dissem & ff; BdT	0.02	0.00 ETS
125.00	126.00	1.00	RMC26942	A I	fg granular patches with less dissem & ff; BdT	0.02	0.00 ETS
126.00	127.00	1.00	RMC26943	A I	fg granular patches with less dissem & ff; BdT	0.02	0.00 ETS
127.00	128.00	1.00	RMC26944	A I	fg granular patches with less dissem & ff; BdT	0.02	0.00 ETS
128.00	129.00	1.00	RMC26945	A I W	fg granular patches with less dissem & ff; BdT	0.02	0.00 ETS
129.00	130.00	1.00	RMC26946	A I	fg granular patches with less dissem & ff; BdT	0.02	0.00 ETS
130.00	131.00	1.00	RMC26947	A I	fg granular patches with carb with less dissem; BdT	0.02	0.00 ETS
131.00	132.00	1.00	RMC26948	A I	fg granular patches with carb with less dissem; BdT	0.02	0.00 ETS
132.00	133.00	1.00	RMC26949	A I	fg granular patches with carb with less dissem; BdT	0.02	0.00 ETS
133.00	134.00	1.00	RMC26950	A I	fg granular patches with carb with less dissem; BdT	0.02	0.00 ETS
134.00	134.40	0.40	RMC26951	A I	fg granular patches with carb with less dissem; BdT	0.02	0.00 ETS
138.00	139.00	1.00	RMC26952	A I W	fg dissem & fiff; HBFp	0.02	0.00 ETS
145.00	146.00	1.00	RMC26953	A I	fg dissem & fiff; BdT	0.02	0.00 ETS
155.00	156.00	1.00	RMC26954	A I	fg dissem & fiff; BdT	0.02	0.00 ETS
158.00	159.00	1.00	RMC26955	A I	fg dissem & fiff; BdT	0.02	0.00 ETS
163.00	164.50	1.50	RMC26956	A I	fg dissem & fiff; BdT	0.02	0.00 ETS
166.00	167.00	1.00	RMC26957	A I W	fg dissem & fiff; HFBp	0.02	0.00 ETS
177.00	178.00	1.00	RMC26958	A I	fg dissem & fiff; BdT	0.02	0.00 ETS
183.00	184.00	1.00	RMC26959	A I W	po replaced py cubes- dissem & fiff, BdT	0.02	0.00 ETS
187.00	188.00	1.00	RMC26961	A I	fg-cg granular patches with less dissem; BdT	0.02	0.00 ETS
188.00	189.00	1.00	RMC26962	A I	fg-cg granular patches with less	0.02	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

From	To	Length	Sample ID	Type(s)*		Sample Description	Au† [gram/tonne]	Ag†
						dissem; BdT		
189.00	190.00	1.00	RMC26963	A	I	fg dissem & fiff, BdT	0.02	0.00 ETS
194.00	195.00	1.00	RMC26964	A	I W	fg dissem & fiff, BdT; HFBp	0.02	0.00 ETS
200.00	201.00	1.00	RMC26965	A	I	cg irregular patches approx 2cm thick with less dissem, BdT	0.02	0.00 ETS
201.00	202.00	1.00	RMC26966	A	I	cg granular patches with less dissem; BdT	0.02	0.00 ETS
202.00	203.00	1.00	RMC26967	A	I	cg granular patches with less dissem; BdT	0.02	0.00 ETS
212.00	213.00	1.00	RMC26968	A	I	cg granular patches with less dissem; BdT	0.02	0.00 ETS
213.00	214.00	1.00	RMC26969	A	I	fg dissem & fiff; BdT	0.02	0.00 ETS
217.00	218.00	1.00	RMC26970	A	I W	fg stringers to 3 mm with less dissem & fiff; BdT	0.02	0.00 ETS
218.00	219.00	1.00	RMC26971	A	I	fg-mg dissem, bed parallel and ff; BdT	0.02	0.00 ETS
221.00	222.00	1.00	RMC26972	A	I	fg-mg dissem, bed parallel and ff; BdT	0.02	0.00 ETS
222.00	223.00	1.00	RMC26973	A	I	fg-mg dissem, bed parallel and ff; BdT	0.02	0.00 ETS
223.00	224.00	1.00	RMC26974	A	I	fg-mg dissem, bed parallel and ff; BdT	0.02	0.00 ETS
224.00	225.50	1.50	RMC26975	A	I	fg-mg dissem, bed parallel and ff; BdT	0.02	0.00 ETS
227.00	228.00	1.00	RMC26976	A	I W	fg dissem; HBFp	0.02	0.00 ETS
238.00	239.00	1.00	RMC26977	A	I	fg dissem; HBFp	0.02	0.00 ETS
239.00	240.00	1.00	RMC26978	A	I	fg dissem; HBFp	0.02	0.00 ETS
242.00	243.00	1.00	RMC26979	A	I W	fg dissem & fiff	0.25	0.00 ETS
262.00	263.00	1.00	RMC26981	A	I W	fg dissem & fiff; HBFp	0.02	0.00 ETS
268.00	269.60	1.60	RMC26982	A	I	fg dissem & fiff; HBFp	0.02	0.00 ETS
270.00	271.00	1.00	RMC26983	A	I	fg dissem, bed parallel & fiff; BdT	0.02	0.00 ETS
276.50	278.00	1.50	RMC26984	A	I	fg dissem, bed parallel & fiff; BdT	0.02	0.00 ETS
281.00	282.00	1.00	RMC26985	A	I W	fg dissem; HFBp	0.02	0.00 ETS
290.00	291.30	1.30	RMC26986	A	I	fg dissem; HFBp	0.02	0.00 ETS
301.00	302.00	1.00	RMC26987	A	I W	fg dissem; HFBp	0.02	0.00 ETS
308.00	309.00	1.00	RMC26988	A	I	fg dissem & fiff; HFBp	0.02	0.00 ETS
318.00	319.00	1.00	RMC26989	A	I	fg dissem & fiff; HFBp	0.02	0.00 ETS
320.00	321.00	1.00	RMC26990	A	I W	fg dissem, HFBp	0.02	0.00 ETS
321.00	322.00	1.00	RMC26991	A	I	fg dissem, HFBp	0.02	0.00 ETS
326.30	327.00	0.70	RMC26992	A	I	fg stringers to 5 mm with less dissem & fiff; BdT	0.02	0.00 ETS
327.00	328.00	1.00	RMC26993	A	I	fg granular patches with less dissem & fiff; BdT	0.02	0.00 ETS
328.00	329.00	1.00	RMC26994	A	I	fg stringers to 7mm with less dissem & fiff; BdT	0.05	0.00 ETS
329.00	330.00	1.00	RMC26995	A	I	fg dissem & fiff; BdT	0.02	0.00 ETS
332.00	333.00	1.00	RMC26996	A	I	fg dissem & fiff; BdT	0.02	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

From	To	Length	Sample ID	Type(s)*		Sample Description	Au† [gram/tonne]	Ag†
336.00	337.70	1.70	RMC26997	A I		fg-mg granular patches with less dissem; BdT	0.02	0.00 ETS
340.00	341.00	1.00	RMC26998	A I	W	fg dissem; FHxl	0.02	0.00 ETS
345.00	346.00	1.00	RMC26999	A I		fg granular patches with less dissem; BdT	0.02	0.00 ETS
346.00	347.00	1.00	RMC38501	A I		fg granular patches with less dissem; BdT	0.04	0.00 ETS
347.00	348.00	1.00	RMC38502	A I		fg dissem & fiff; BdT	0.05	0.00 ETS
352.00	353.00	1.00	RMC38503	A I		fg perv, dissem & fiff; BdT	0.04	0.00 ETS
356.00	357.00	1.00	RMC38504	A I	W	fg dissem & fiff; BdT	0.07	0.00 ETS
357.00	358.00	1.00	RMC38505	A I		fg dissem & fiff; BdT	0.02	0.00 ETS
358.00	359.00	1.00	RMC38506	A I		fg granular patches with less dissem & fiff; BdT	0.18	0.00 ETS
359.00	360.00	1.00	RMC38507	A I		fg dissem & fiff; BdT	0.02	0.00 ETS
360.00	361.00	1.00	RMC38508	A I		fg granular patches with less dissem; BdT	0.13	0.00 ETS
363.00	364.00	1.00	RMC38509	A I		fg granular patches with less dissem; BdT	0.05	0.00 ETS
364.00	365.00	1.00	RMC38510	A I		fg dissem & fiff; BdT	0.02	0.00 ETS
365.00	366.00	1.00	RMC38511	A I		fg granular patches with less dissem & fiff; BdT	0.02	0.00 ETS
366.00	367.00	1.00	RMC38512	A I		fg dissem & ff; BdT	0.02	0.00 ETS
367.00	368.00	1.00	RMC38513	A I		fg dissem & ff; BdT	0.02	0.00 ETS
368.00	369.00	1.00	RMC38514	A I		fg dissem & ff; BdT	0.02	0.00 ETS
369.00	370.00	1.00	RMC38515	A I		fg dissem & ff; BdT	0.10	0.00 ETS
373.00	374.00	1.00	RMC38516	A I		fg granular patches with less dissem & fiff; BdT	0.02	0.00 ETS
374.00	375.00	1.00	RMC38517	A I		fg dissem & fiff; BdT	0.02	0.00 ETS
377.00	378.00	1.00	RMC38518	A I	W	fg dissem; HFBp	0.02	0.00 ETS
383.00	384.00	1.00	RMC38519	A I	W	fg dissem & ff; BdT	0.02	0.00 ETS
384.00	385.40	1.40	RMC38521	A I		fg dissem & ff; BdT	0.02	0.00 ETS
385.40	386.80	1.40	RMC38522	A I		fg granular patches with less dissem; HFBp	0.02	0.00 ETS
391.00	392.00	1.00	RMC38523	A I			0.02	0.00 ETS
393.00	394.00	1.00	RMC38524	A I		fg dissem; BdT	0.11	0.00 ETS
402.00	403.00	1.00	RMC38525	A I	W	fg-mg granular patches with less dissem; BdT	0.02	0.00 ETS
403.00	404.00	1.00	RMC38526	A I		fg dissem & fiff; BdT	0.02	0.00 ETS
406.00	407.00	1.00	RMC38527	A I		fg dissem & fiff; BdT	0.02	0.00 ETS
415.00	416.00	1.00	RMC38528	A I		fg dissem & fiff; BdT	0.02	0.00 ETS
419.00	420.00	1.00	RMC38529	A I		fg dissem, bed parallel, fiff, BdT	0.02	0.00 ETS
420.00	421.00	1.00	RMC38530	A I		fg dissem, bed parallel, fiff, BdT	0.23	0.00 ETS
421.00	422.00	1.00	RMC38531	A I		fg dissem, bed parallel, fiff, BdT	0.16	0.00 ETS
422.00	423.00	1.00	RMC38556	A I		fg dissem, bed parallel, fiff, BdT	0.02	0.00 ETS
423.00	424.00	1.00	RMC38532	A I		fg dissem, bed parallel, fiff, BdT	0.02	0.00 ETS
424.00	425.00	1.00	RMC38533	A I	W	fg dissem with fg granular patches; BdT	0.02	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†
425.00	426.50	1.50	RMC38534	A I	fg dissem with fg granular patches; BdT	0.02	0.00 ETS
435.00	436.00	1.00	RMC38535	A I	fg dissem with fg granular patches; BdT	0.02	0.00 ETS
440.00	441.00	1.00	RMC38536	A I	fg dissem & fiff; BdT	0.02	0.00 ETS
441.00	442.00	1.00	RMC38537	A I	fg dissem & fiff; BdT	0.02	0.00 ETS
442.00	443.00	1.00	RMC38538	A I	fg dissem & fiff; BdT	0.02	0.00 ETS
447.00	448.00	1.00	RMC38539	A I W	fg dissem & fiff; FHxl	0.02	0.00 ETS
455.00	456.00	1.00	RMC38541	A I	fg dissem, bed parallel & fiff; BdT	0.09	0.00 ETS
456.00	457.00	1.00	RMC38542	A I	fg dissem & fiff; BdT	0.02	0.00 ETS
460.00	461.00	1.00	RMC38543	A I	fg dissem & ff; BdT	0.02	0.00 ETS
461.00	462.00	1.00	RMC38544	A I	fg granular patches with less dissem & ff; BdT	0.02	0.00 ETS
466.00	467.00	1.00	RMC38545	A I W	fg dissem & fiff; FHxl	0.05	0.00 ETS
471.00	472.00	1.00	RMC38546	A I	fg dissem, bed parallel & fiff; BdT	0.02	0.00 ETS
475.00	476.00	1.00	RMC38547	A I	fg dissem, bed parallel & fiff; BdT	0.02	0.00 ETS
476.00	477.00	1.00	RMC38559	A I	veins to 1 cm with less dissem & fiff; BdT	0.02	0.00 ETS
479.00	480.00	1.00	RMC38548	A I	fg dissem & ff; BdT	0.02	0.00 ETS
482.00	483.00	1.00	RMC38549	A I W	fg dissem & ff; BdT	0.02	0.00 ETS
484.00	485.00	1.00	RMC38550	A I	fg dissem & fiff; BdT	0.02	0.00 ETS
488.00	488.70	0.70	RMC38551	A I	fg dissem granular patches & ff; BdT	0.02	0.00 ETS
491.30	492.50	1.20	RMC38552	A I	fg granular patches with less dissem; BdT	0.02	0.00 ETS
492.50	493.50	1.00	RMC38553	A I	fg granular patches with less dissem; BdT	0.02	0.00 ETS
493.50	494.60	1.10	RMC38554	A I	fg granular patches with less dissem; BdT	0.02	0.00 ETS
498.00	499.00	1.00	RMC38555	A I W	fg dissem & ff; HFBp	0.02	0.00 ETS
503.30	504.50	1.20	RMC38557	A I	fg dissem & ff ; BdT	0.02	0.00 ETS
504.50	506.00	1.50	RMC38558	A I	fg granular patches with less dissem & ff; BdT	0.02	0.00 ETS

*Assay,Geochem,Icp,Microprobe,Sg,Thin-section,Whole rock,Y(metallic),Z(other)
†Metallic assay takes precedence over gravimetric which is reported in favor of Fire/AA.
Resplits averaged with original value.

Lac Minerals Ltd.
Red Mountain
LAC

DRILL LOG
DOWN-HOLE SURVEY

MC94-224

Lengths measured in meters

Logged by: Rob McLeod	30/10/94		
Checked by:	/ /		

Northing	1,510.025	Length	507.49
Easting	4,027.486	Azimuth	090.0
Elevation	1,769.110	Dip	-60.0

DOWN-HOLE SURVEYs

MC94-224

Depth	Dip°	Az°	Note
0.00	-60.00	090.00	
15.24	-59.00	096.00	
60.96	-56.50	095.00	
121.92	-56.00	097.50	
182.88	-54.00	091.00	
243.84	-53.00	089.50	
365.76	-54.00	091.00	
426.72	-50.50	091.00	
507.49	-50.50	101.50	

456000 E

457000 E

D.L. 7161
487 ha
ORO IV

D.L. 7160
444 ha
ORO I

6203000 N

6203000 N

UNDERGROUND DEVELOPMENT

Red Mountain Summit

TP-CAM

Marc Zone Portal

MC94-201

MC94-202

MC94-204

MC94-203

MC94-223

MC94-224

6202000 N

6202000 N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,996

SCALE
0 50 100 200m.

D.L. 7162
465 ha
HROTHGAR

ORO IV
DIAMOND DRILL HOLES
ASSIGNED FOR CLAIM ASSESSMENT

RED MOUNTAIN PROJECT
1994 SURFACE DRILL HOLES
Fig. 21