ASSESSMENT REPORT

1995

Diamond Drilling

on the

Lisa Claim Groups

(Lisa Nunatak)

Lisa 5-8, Lisa 13, Irene 1, Janine1-2&4

SKEENA MINING DIVISION

LOCATED

17 KM ESE OF THE TOWN OF STEWART
5 KM SOUTH OF RED MOUNTAIN
BRITISH COLUMBIA

CENTRED ON

LATITUDE: 55° 54' 48" NORTH
LONGITUDE: 129° 42' 30" WEST

NTS 103P/13W-13E

OWNER

1091064 ONTARIO LTD./
BARRICK GOLD CORP.

OPERATOR

LAC MINERALS LTD.

REPORT BY

MIKE SIEB

DATE: 04/25/95

SUMMARY

An exploration program was conducted by Lac Minerals Ltd., at the end of the 1994 field season, on the Lisa Nunatak, which is wholly contained and centred within the Lisa Claim Group. The program consisted of mapping, sampling, trenching, and diamond drilling (600.2m.). This exploration program was part of the regional assessment survey performed around Lac Mineral's Ltd. Red Mountain Project.

The Lisa Claim Groups (NTS 103P/13W-13E) are located within 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 17 km east-southeast of Stewart and 5 km south of Red Mountain. The Lisa group area consists of 9 claims (Lisa 5-8, Lisa 13, Janine 1-2&4, and Irene 1) totaling 158 units. The group area covers approximately 3750 hectares.

The Lisa 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 Lisa Nunatak is comprised of thinly to moderately bedded Grey, white, green and maroon cherts, with cherty siltstones and mudstones, which are structurally overlain by black to grey siltstones and mudstones. These are in turn overlain by a polylithic conglomerate unit, which outcrops on the east side of the nunatak. The sediments on the nunatak have been intruded by at least three porphyritic intrusive phases: 1) hornblende feldspar biotite quartz porphyry, 2) fine-medium grained hornblende feldspar porphyry, and 3) medium-coarse grained hornblende feldspar porphyry.

Every rock type on the Lisa Nunatak contains a penetrative, slaty cleavage (S1). The degree of intensity of the foliation varies depending on rock type. The strongest fabric is developed in the thinly bedded cherts and mudstones, where foliation is concordant with the compositional layering. The foliation dips from 50° to 90° towards the southwest (200-240° Az).

Intrusive rocks on the Lisa Nunatak have been pervasively altered by sericite-pyrite or chlorite alteration. The sediments may also have been affected by the same alteration assemblage or event as the intrusives, but recognition of these assemblages in hand specimen is difficult.

The best metal values in surface sampling on the Lisa Nunatak are from samples of sulfide veins at or near the contact of the HFBQ porphyry and the sediments. The highest concentration of sulfides were observed at the Pirquinero and the North Slope showings.

The Pirquinero showing is comprised of veins of quartz+carbonate and medium-coarse grained pyrite+sphalerite+chalcopyrite+arsenopyrite+free gold. The visible gold is in sphalerite bands

within massive sulfide, towards the northwestern end of the alteration zone. Grab samples from that area contain up to 75.50 g/T Au (sample RR0344). Chip samples across the zone assayed up to 6.5 g/T Au over one metre (sample RR0373) and 3.3 g/T Au over 3 metres.

Two small trenches were blasted and sampled. Five 1 metre-wide chip samples were collected across the north trench (RMS16389-93), which averaged 13.88 g/T Au over the 5 metres. Three 1 metre-wide chip samples, averaging 23.54 g/T Au, were collected across the southern trench (RMS16395-97).

Two diamond drill holes, LN94-221 and 222, were drilled in an attempt to intersect the Pirquinero mineralized zone and test the continuity of the zone at depth between the north and south trenches. The main mineralized zone was intersected from 41.3-42.66 metres and consisted of 4-7% fine-coarse grained, 1-2 cm. pyrite veins, and finely disseminated bedding-parallel pyrite. The resulting weighted average assayed 2.25 g/T Au over 2.15 metres, 3.12 g/T Au over 1.35 metres, or 5.38 g/T over 0.47 metres.

The mineralization of the North Slope Showing is along an HFBQ porphyry/sediment contact and the mineralization and alteration are up to 2 metres wide. The mineralized zone is comprised of veins of quartz+carbonate±pyrite and pyrite+chalcopyrite±arsenopyrite±sphalerite. The highest grab assay was sampled from a 1-5 m. rusty band of sediments, parallel to the contact between the sediments and the HFBQ porphyry, at the south end of the mineralized contact zone (sample RR0336) and ran 15.85 g/T Au and 20.4 g/T Ag.

Diamond drill hole LN94-220 was drilled in an attempt to cross the mineralized zone, at the contact between the sediments and the HFBQ porphyry, at the south end of the North Slope Showing. Mineralization was intersected in the sediments, parallel to bedding, before and at the HFB porphyry contact (125.15 metres downhole) as predicted. However, the mineralization was weaker than expected with the best intersection grading 0.86 g/T Au over 0.5 metres in 17% fine grained bedding parallel Py and 0.5% disseminated Sph (sample RMC35184).

Although the width of mineralization in the surface showings was not intersected in drill core, sulfide veins pinch and swell on surface, allowing for larger concentrations of sulfides at depth or along strike. In addition, pervasive alteration of the HFBQ porphyry continues under the ice to the north. It does appear, that the alteration system covers a large area and is open-ended (Bull, 1994).

The most significant observation is that the geology of the Lisa Nunatak possesses startling similarities to the geology of Red Mountain. The three intrusive types mapped on the Lisa Nunatak are virtually identical in mineralogy and texture. Future exploration work should be targeted to clarify: whether the mineralizing system is similar to the one at Red Mountain, where the Lisa Nunatak rocks lie within the alteration zonation, and the scope for economic potential.

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1.0 INTRODUCTION

The Lisa Claim Groups (NTS 103P/13E) 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 17 km east-southeast of Stewart and 5 km south of Red Mountain (Fig.1).

The claim groups are centred around the Lisa Nunatak, on latitude 55° 54' 48" North and longitude 129° 42' 30" West. Current access to the property is possible by a 15 minute helicopter flight from Stewart. Elevations range from 1,200 to 2,200 metres above sea level. Icefields and snow cover approximately 70% of the claim group with the remainder consisting of barren rock. The slopes are gentle on the Cambria Icefield but slope down steeply, towards the Bromley Glacier, to the west.

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).

Lisa Nunatak

All the exploration work was entirely confined to the Lisa Nunatak. The Lisa Nunatak is a 3.5 km² island of rock, at an elevation of 1,500-1,630m., within a highly crevassed area of the Cambria Icefield. Recent glacial retreat has left the north side of the nunatak steep and cliffy, but the top of the island and all other perimeters are easy to walk on.

A 20 x 40 meter lake is present year round on the nunatak, and is usable for drilling purposes. The area can be subject to high winds, and snow accumulates early in the fall season and can last well into summer. Permanent snow patches and small glaciers still cling to the north slope of the nunatak. Crampons are useful when mapping around the perimeter of the island.

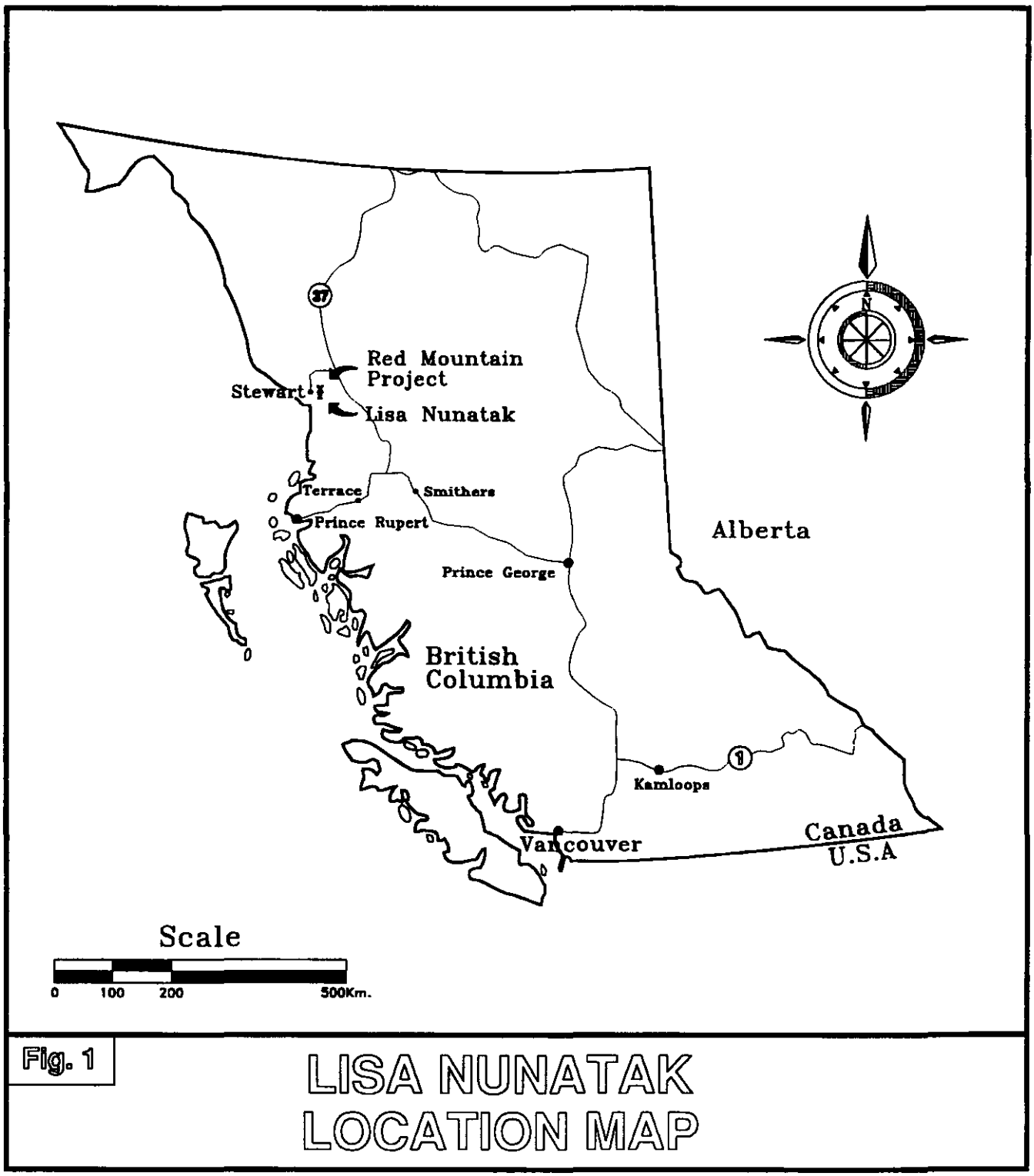


Fig. 1

LISA NUNATAK LOCATION MAP

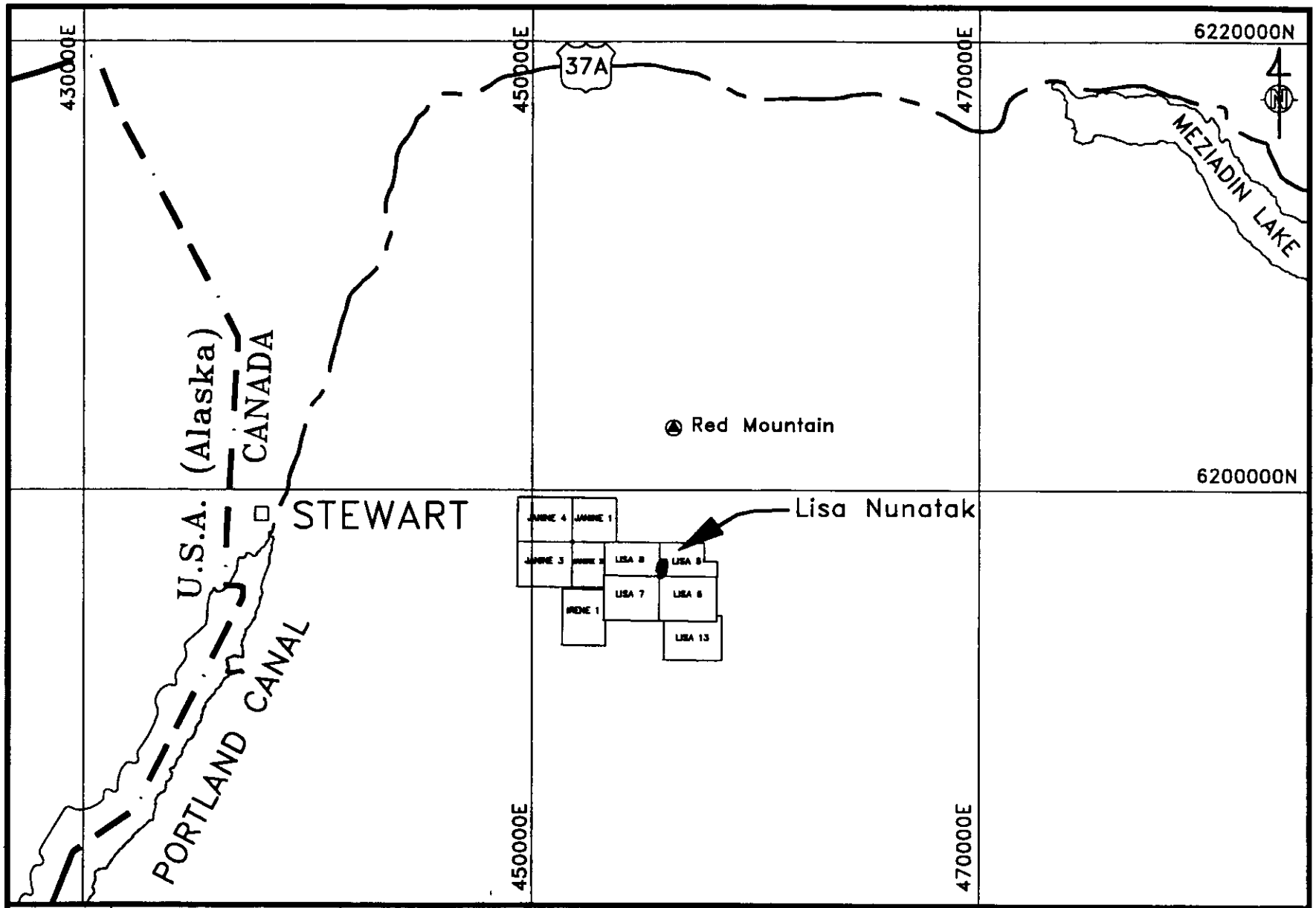


Fig. 2

LISA NUNATAK
CLAIM GROUP AREA
LOCATION MAP

LAC MINERALS LTD.
RED MOUNTAIN PROJECT

1.1 PROPERTY STATUS

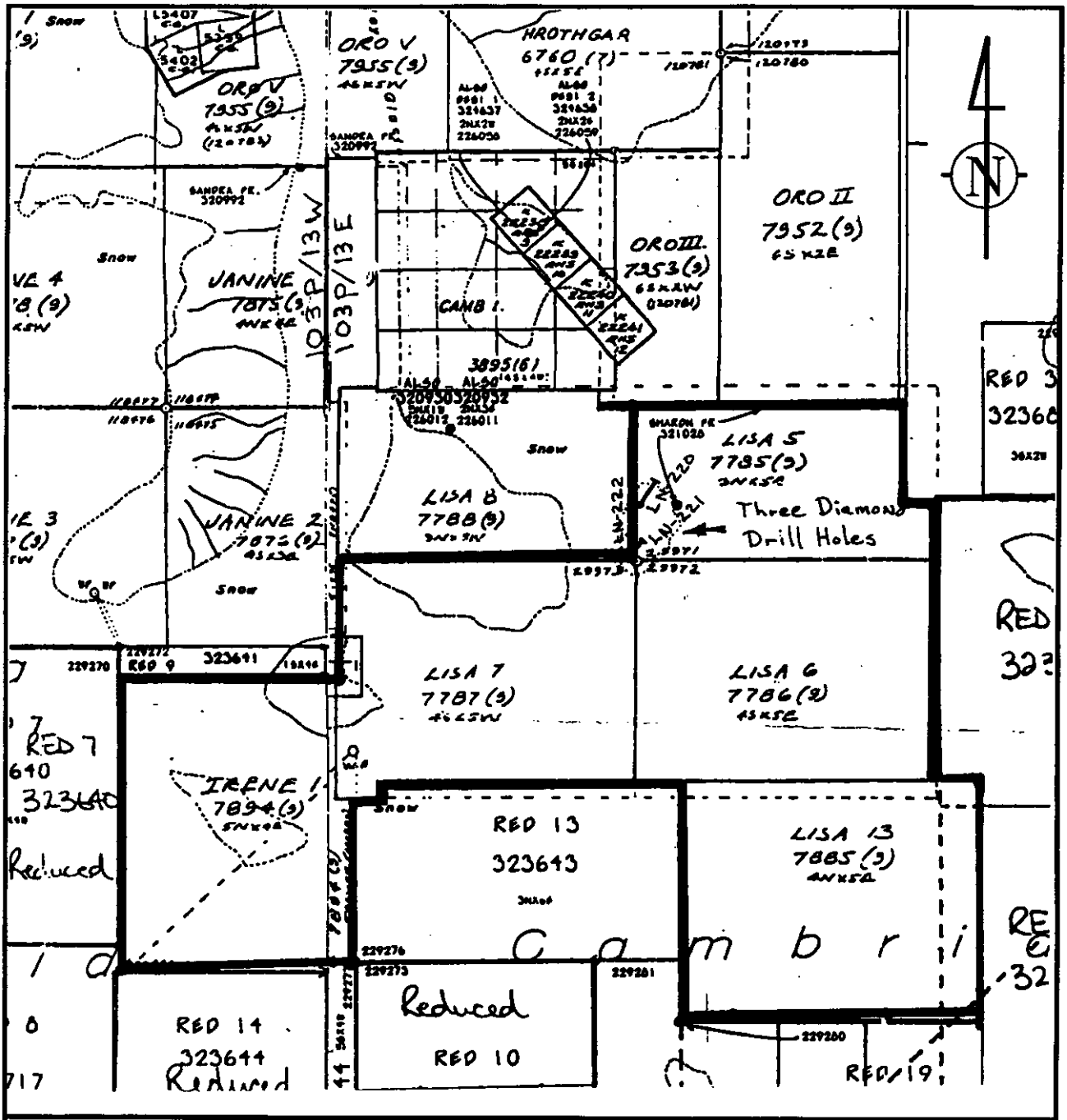
The Lisa Claim Groups are now 100%-owned by 1091064 Ontario Ltd. a wholly owned subsidiary of Barrick Gold Corporation, who acquired LAC Minerals Ltd. in 1994. The Lisa Groups are comprised of two claim groups: Lisa95A and Lisa95B (See Tables 1 and 2 for claim details). The Lisa group area consists of 9 claims (Lisa 5-8, Lisa 13, Janine 1-2&4, and Irene 1) totaling 158 units. The group area covers approximately 3750 hectares. Figures 2-4 reveal the location and disposition of the claims, respectively.

TABLE 1: LISA95A CLAIM STATUS SUMMARY

Claim Name	Tenure No.	Units	Current Expiry Date	New Expiry Date
Lisa 5	252994	15	Aug. 12, 96	Aug. 12, 00
Lisa 6	252995	20	Aug. 12, 96	Aug. 12, 00
Lisa 7	252996	20	Aug. 12, 96	Aug. 12 00
Lisa 13	253092	20	Sept. 9, 96	Sept. 9, 97
Irene 1	253101	20	Sept. 15, 96	Sept. 15, 97
	TOTAL:	95		

TABLE 2: LISA95B CLAIM STATUS SUMMARY

Claim Name	Tenure No.	Units	Current Expiry Date	New Expiry Date
Lisa 5	252994	15	Aug. 12, 96	Aug. 12, 00
Lisa 8	252997	15	Aug. 12, 96	Aug. 12, 00
Janine 1	253082	16	Sept. 8, 96	Sept. 8, 97
Janine 2	253083	12	Sept. 8, 96	Sept. 8, 97
Janine 4	253085	20	Sept. 8, 96	Sept. 8, 97
	TOTAL:	78		



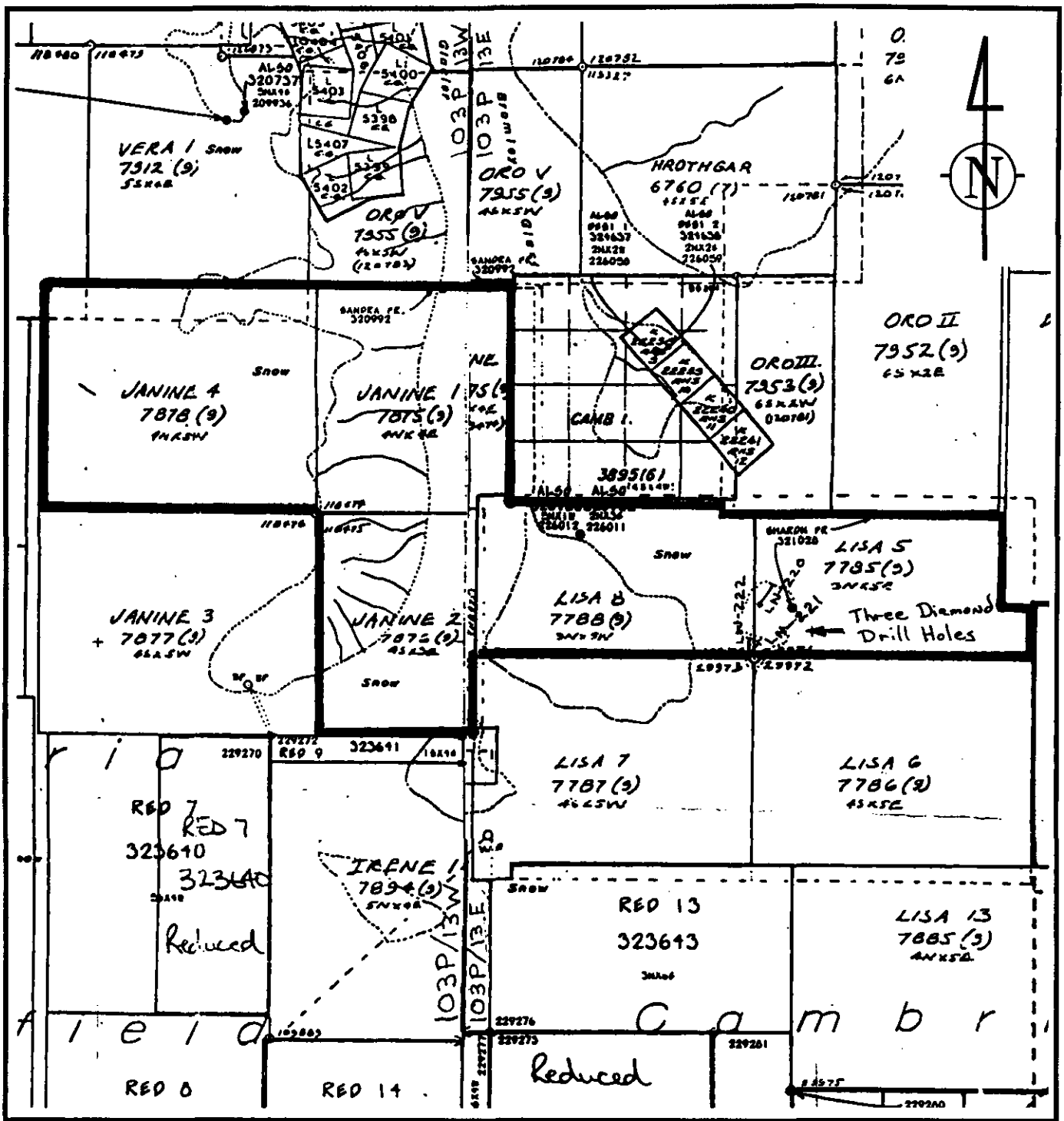
Lisa95A Claim Group

Ministry Claim Map

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

Fig. 3

Scale 1:50,000



Lisa95B Claim Group

Ministry Claim Map

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

Fig. 4 Scale 1:50,000

1.2 EXPLORATION HISTORY

There is no record of previous work on this claim group area, but significant exploration has been performed to the north around Red Mountain.

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

1.3 LISA NUNATAK: 1994 WORK COMPLETED

A reconnaissance prospecting traverse was completed in August, 1994. Grab sample assay results indicated anomalous Au in altered sedimentary and intrusive rocks. Two small trenches were dug and three diamond drill holes were drilled at the end of the field season. The drill holes totalled 600.2 meters and the last hole was finished on October 5th.

2.0 GEOLOGY

2.1 REGIONAL GEOLOGY

The Lisa 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).

Preservation of primary volcanic textures and sedimentary structures, together with metamorphic mineral assemblages consisting of common chlorite, CaCo3, epidote and rare fine-grained actinolitic hornblende suggest that regional

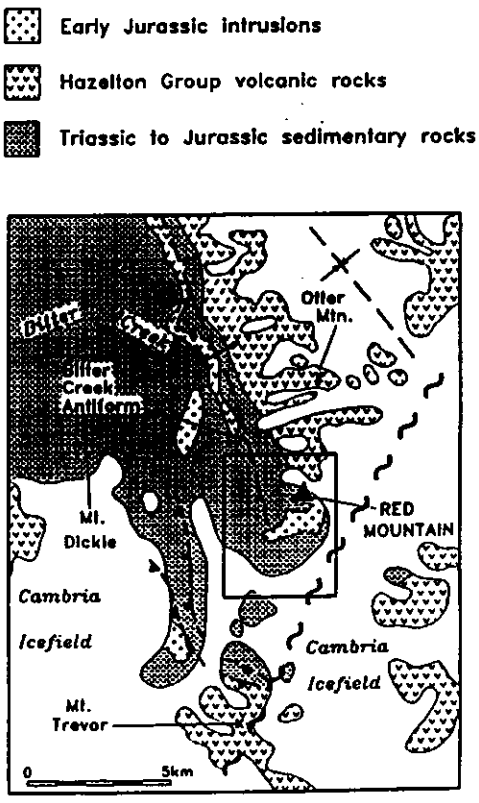


Fig. 5: Regional Geology at 1:250,000

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

The Lisa Claim Group occurs at the southern end 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. The Lisa Nunatak is situated at the margin between these two packages (Fig. 5).

2.2 PROPERTY GEOLOGY

The Lisa Nunatak is comprised of thinly to moderately bedded grey, white, green and maroon cherts, with cherty siltstones and mudstones, which are structurally overlain by black to grey siltstones and mudstones. These are in turn overlain by a polylithic conglomerate unit, which outcrops on the east side of the nunatak (see Geology Map of the Lisa Nunatak in the map pocket, Bull and Daubeny, 1994). The cherts and fine grained sediments often contain radiolarians. Five samples were productive giving Late Permian and Mid to Late Triassic ages (Cordey, 1994).

The sediments on the nunatak have been intruded by at least three porphyritic intrusive phases: 1) hornblende feldspar biotite quartz porphyry, 2) fine-medium grained hornblende feldspar porphyry, and 3) medium-coarse grained hornblende feldspar porphyry.

The hornblende feldspar biotite quartz porphyry (HFBQ porphyry) is the most abundant intrusive rock type on the nunatak. Hornblende phenocrysts are 1-5 mm. long, thin and acicular, and comprise approximately 5-15% of the rock. Feldspar phenocrysts are 0.5-1 mm. long and comprise approximately 10-15%, although alteration of the feldspars makes the abundance difficult to estimate. Biotite phenocrysts vary from 1-5 mm. in diameter, are usually quite altered and comprise 1-7% of the rock. Quartz is present as 1-5 mm., rounded, glassy phenocrysts, and varies from 0-5% of the porphyry. The HFBQ porphyry unit is similar to the 'biotite porphyry' unit on Red Mountain.

The second most abundant intrusive rock type on the Lisa Nunatak is a fine-medium grained hornblende feldspar porphyry (fHF porphyry). The hornblende phenocrysts are 1-5 mm. long, thin and acicular, and comprise approximately 5-15% of the rock. The feldspar phenocrysts are 0.5-2 mm. long and comprise approximately 10-15% of the rock. The fHF porphyry unit on the nunatak is similar to the 'Hillside Porphyry' unit on Red Mountain.

The third intrusive rock type on the Lisa Nunatak crops out in two places, and is only exposed as approximately 5 x 10 metre dikes or sills. The unit is a medium-coarse grained hornblende feldspar porphyry (cHF porphyry), with hornblende phenocrysts from 2-7 mm. long, and up to 2 mm. wide. The hornblende phenocrysts comprise 7-20% of the rock. Feldspar phenocrysts are rounded and 0.2-1 mm. long, and comprise approximately 7-10% of the rock. The cHF porphyry rock unit on the nunatak is similar to the 'Goldslide Porphyry' unit on Red Mountain.

Pebble (to breccia) dikes are present at the margin of the HFBQ porphyry 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 HFBQ 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).

Every rock type on the Lisa Nunatak contains a penetrative, slaty cleavage (S1). The degree of intensity of the foliation varies depending on rock type. The strongest fabric is developed in the thinly bedded cherts and mudstones, where foliation is concordant with the compositional layering. The foliation dips from 50° to 90° towards the southwest (200-240° Az).

Minor quartz veining is observed on the Lisa Nunatak. Veining appears to be associated with late brittle faults that cut both sediments and intrusives, which dip 60° to 90° toward the southwest (200-250° Az.).

2.3 ALTERATION

Alteration descriptions are mostly based on mapping and not on detailed petrography or geochemistry. However, petrographic analysis of two rock samples (RR0121 and RMS16374) was completed y Anne Thompson (1994), and the results will be discussed where applicable.

Intrusive rocks on the Lisa Nunatak have been pervasively altered by sericite-pyrite alteration or by pervasive chlorite alteration. Some of the sediments may have been affected by the same alteration assemblage or event as the intrusives, but recognition of these assemblages in hand specimens of the sedimentary rocks is difficult (Bull, 1994).

Sericite-pyrite alteration is most intense in the northern HFBQ porphyry bodies and in the small exposure of HFBQ porphyry at the southwestern end of the nunatak. In hand specimen the biotite phenocrysts are usually tan to pink in colour and the hornblende phenocrysts are often tan to white. Feldspar phenocrysts may be completely obscured. Sample RR0121 contains an alteration assemblage of sericite, blue-birefringent chlorite, minor and disseminated carbonate, albite (replacing the mafic minerals), pyrite, rutile and apatite (Thompson, 1994). A similar alteration assemblage may be affecting the fHF porphyry, although no petrography has been done on the alteration of that unit (Bull, 1994). This alteration assemblage is comparable with the alteration observed at Red Mountain associated with its auriferous horizon.

Pervasive chlorite alteration is most prevalent in the HFBQ porphyry exposed along the western margin of the nunatak. Mafic phenocrysts and the matrix of the porphyry are green and probably chlorite rich (Bull, 1994).

2.4 MINERALIZATION

The best metal values in surface sampling on the Lisa Nunatak are from samples of sulfide veins at or near the contact of the HFBQ porphyry and the sediments. The highest concentration of sulfides were observed at the Pirquinero and the North Slope showings. During the following

discussion refer to the maps in the pocket of this report for showing and sample locations, and surface assay results (Bull and Daubeny, 1994). See also Appendix I for sample descriptions and locations.

The Pirquinero Showing

On the southwest end of the nunatak, north and west of a relatively small outcrop of HFBQ porphyry, is the Pirquinero Showing. The showing is an alteration zone exposed for approximately 100 metres at a 250° Az trend, which varies from between 2-7 metres in width. The northwestern extent of the alteration zone disappears under the glacier along the north end of the nunatak.

The Pirquinero showing is comprised of veins of quartz+carbonate and medium-coarse grained pyrite+sphalerite+chalcopyrite+arsenopyrite+free gold. The quartz-carbonate veins cross-cut the sulfide veins in places, but a definite age relationship between the veins has not been confirmed (Bull, 1994). The visible gold is in sphalerite bands within massive sulfide, towards the northwestern end of the alteration zone. Grab samples from that area contain up to 75.50 g/T Au (sample RR0344). Chip samples across the zone assayed up to 6.5 g/T Au over one metre (sample RR0373) and 3.3 g/T Au over 3 metres.

Two small trenches were blasted and sampled, one at the southeastern end of the Pirquinero mineralized zone, the other under the free gold-bearing massive sulfide mineralization at the northwestern end. The trenches were only blasted to a length of 3-5 metres and 1 metre deep.

Five 1 metre-wide chip samples were collected across the north trench (RMS16389-93), which averaged 13.88 g/T Au over the 5 metres. Three 1 metre-wide chip samples, averaging 23.54 g/T Au, were collected across the southern trench (RMS16395-97).

North Slope Showing

The North Slope showing is located towards the north end of the Lisa Nunatak, approximately 75-100 metres above the ice. The mineralization is along an HFBQ porphyry/sediment contact and is exposed for approximately 50 metres along that contact. The mineralization and alteration are up to 2 metres wide. The mineralized zone is comprised of veins of quartz+carbonate±pyrite and pyrite+chalcopyrite±arsenopyrite±sphalerite.

A grab sample, from a quartz-sulfide vein in the contact zone, was collected at the north end of the showing and assayed 9.25 g/T Au and 3.78% Zn (sample RR0310). A 1m x 1m panel sample (RMS16375) collected at the south end of the mineralized contact zone assayed 8.25 g/T Au, 36.3 g/T Ag, and 1.61% As. The sample included a pyrite-chlorite vein within siltstones at the contact with the HFBQ porphyry. The highest grab assay was also from this area. Sample RR0336 ran 15.85 g/T Au and 20.4 g/T Ag and was sampled from a 1-5 m. rusty band of sediments parallel to the contact between the sediments and the HFBQ porphyry.

At the very north end of the Lisa Nunatak the HFBQ porphyry is intensely altered to the sericite-pyrite assemblage described above. The western contact of the intrusive, at and above the glacier for approximately 50 metres, contains up to 5% disseminated pyrite. Pyrite is also within the black siltstones along the contact. A grab sample (RR0123) returned an assay of 3.32 g/T Au from this area.

3.0 1994 DRILLING PROGRAM AND RESULTS

Three diamond drill holes were drilled, at the end of the 1994 field season, on the Lisa Nunatak to test the known mineralized showings at depth. Drilling totalled 600.2 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 3: Diamond Drill Hole Summary

Hole No.	UTM Northing	UTM Easting	Elevation (m.)	UTM AZ°	Dip°	Length (m.)	Target
LN94-220	6196584	455812	1580	35	-50	327.66	North Slope
LN94-221	6196174	455727	1631	30	-50	159.72	Pirquinero
LN94-222	6196179	455725	1631	350	-45	112.78	Pirquinero

3.1 PIRQUINERO SHOWING

Two diamond drill holes, LN94-221 and 222, were drilled in an attempt to intersect the Pirquinero mineralized zone (Geology Map in pocket, Bull and Daubeny, 1994) and test the continuity of the zone at depth between the north and south trenches. LN94-221 was set up to intersect the small HFB porphyry stock and the mineralization zone in the proximity of the south trench. LN94-222 was collared to remain in sediments throughout and intersect the mineralized zone in the proximity of the north trench.

Hole LN94-221

Hole LN94-221 intersected a strong sericite altered Hornblende Feldspar Biotite (HFB) porphyry unit from 4.7-40.6 metres downhole. The lower contact exhibited a strong brecciated texture, 3 cm gouge, and multiple quartz+calcite+Fe-carbonate veining. The remainder of the hole consisted of well bedded fine grained sediments gradationally progressing from light-medium grey to green downhole.

The main mineralized zone was intersected from 41.3-42.66 metres and consisted of 4-7% fine-coarse grained, 1-2 cm. pyrite veins, and finely disseminated bedding-parallel pyrite.

Table 4: Hole LN94-221 Mineralization Intersection Summary

Sample ID	From	To	Length	Au g/T	Ag g/T
RMC35242	40.50	41.30	0.80	0.79	3.6
RMC35243	41.30	42.18	0.88	1.91	3.4
RMC35244	42.18	42.65	0.47	5.38	4.8

The resulting weighted average is 3.12 g/T Au over 1.35 metres or 2.25 g/T Au over 2.15 metres.

Hole LN94-222

LN94-222 remained in well bedded fine grained sediments throughout except for a narrow FHB porphyry dike from 2.79-5.85 metres downhole. The hole progresses from light-medium grey to green downhole, as in the above hole, except a more siliceous/cherty package was intersected from 11.25-46.50 metres and a unit containing black graphitic bands was intersected from 102.5 metres to the end of the hole.

The mineralization zone was not visibly intersected and the highest assay returned was 0.22 g/T Au (sample RMC35315). This assay occurs in a well banded, sericitic, light green zone enriched with 1% fine-irregular-fracture-filled and disseminated chalcopyrite with 1-2% disseminated pyrite.

3.2 NORTH SLOPE SHOWING

Diamond drill hole LN94-220 was drilled in an attempt to cross the mineralized zone, at the contact between the sediments and the HFBQ porphyry, at the south end of the North Slope Showing. In addition, the hole was to test the contacts of a second HFBQ porphyry unit farther downhole.

Four HFB porphyry dikes were intersected instead of two, totalling approximately twice as much intrusive, by intersection length, than predicted. This may indicate a shallow sedimentary covering of the basement HFB porphyry at this locale. The sedimentary units are predominately light-dark grey, well bedded, fine-grained, with a strong pervasive fabric defined by compositional layering.

Mineralization was intersected in the sediments, parallel to bedding, before and at the HFB porphyry contact (125.15 metres downhole) as predicted. However, the mineralization was weaker than expected, as shown in Table 5.

Table 5: Hole LN94-220 Mineralization Intersection Summary

Sample ID	From	To	Length	Description	Au g/T
RMC35184	90.30	90.80	0.50	17% fine grained bedding parallel Py, 0.5% disseminated Sph.	0.86
RMC35187	99.15	99.45	0.30	Three 1-3 cm. bands of massive 70% coarse grained Py and 30% sphalerite	0.87
RMC35191	123.65	125.15	1.50	3% disseminated + irregular 1-4 cm. semi-massive bedding controlled Py bands.	0.23

4.0 CONCLUSIONS AND RECOMMENDATIONS

Exploration on the Lisa Nunatak was limited to three weeks at the end of the 1994 field season. In the short time the area was mapped, sampled, trenched, drilled, and a good start was made at understanding the future economic potential. The most significant observation is that the geology of the Lisa Nunatak possesses startling similarities to the geology of Red Mountain.

The three intrusive types mapped on the Lisa Nunatak are virtually identical in mineralogy and texture.

- Preliminary dates of host sediments indicate Late Triassic ages in both areas.
- Foliation of the intrusives in both areas, indicates intrusion prior to the Cretaceous Skeena Fold Belt deformational event (Evenchick, 1991). The Red Mountain intrusives have been dated as Early Jurassic (Greig, et al. in press)
- Alteration of the intrusives are similar in mineral assemblage and style.
- Mineralization with high metal values is associated with the contact zones of the sediments and the porphyry at the extremities of the Red Mountain ore bodies.

Although the width of mineralization in the surface showings was not intersected in drill core, sulfide veins pinch and swell on surface, allowing for larger concentrations of sulfides at depth or along strike. In addition, pervasive alteration of the HFBQ porphyry continues under the ice to the north. It does appear, that the alteration system covers a large area and is open-ended (Bull, 1994).

It is highly recommended that:

- The inter-relationships between the intrusive bodies and the sediments
- The alteration of the rocks on the Lisa Nunatak and in drill core

need to be looked at systematically, especially with respect to geochemistry and petrography. This would involve a more detailed and comprehensive mapping and sampling program. The result of such an evaluation should clarify: whether the mineralizing system is similar to the one at Red Mountain, where the Lisa Nunatak rocks lie within the alteration zonation, and the scope for economic potential.

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 Lisa Nunatak. I have personally conducted, supervised, or reviewed the work described in this report.

Dated at Stewart this 25th day of April, 1995.

Mike Sieb, BSc. MBA

6.0 ACKNOWLEDGEMENTS

I would like to acknowledge the hard and excellent quality of work performed by Kate Bull of Dihedral Exploration and Peter Daubeny, who's field work the majority of this report is based upon.

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APPENDIX I

LISA NUNATAK

SURFACE SAMPLE
LOCATION, DESCRIPTION, AND RESULTS

LISA NUNATAK SAMPLES AND STATIONS

NUMBER	UTM E	UTM N	LITHOLOGY	DATE	PROPERT	SAMPLER	LOCATION DESCRIPTION
94FC001	455889	6196590	rad smpl	9/8/94	LISA		(Location approximate)
94FC002	455914	6196595	rad smpl	9/8/94	LISA		(Location approximate)
94FC003	455916	6196588	rad smpl	9/8/94	LISA		(Location approximate)
94FC004	455875	6196548	rad smpl	9/8/94	LISA		(Location approximate)
94FC005	455845	6196565	rad smpl	9/8/94	LISA		(Location approximate)
94FC006	455855	6196510	rad smpl	9/8/94	LISA		(Location approximate)
94FC007	455790	6196437	rad smpl	9/8/94	LISA		(Location approximate)
94FC008	455810	6196358	rad smpl	9/8/94	LISA		(Location approximate)
94FC009	455772	6196224	rad smpl	9/8/94	LISA		(Location approximate)
94FC010	455813	6196143	rad smpl	9/8/94	LISA		(Location approximate)
94FC011	455799	6196172	rad smpl	9/8/94	LISA		(Location approximate)
94KB122	455745	6196700	thinly bedded lack-gry str py	8/2/94	LISA		Just S of Lost Mountain
94KB122.1	455750	6196690		8/2/94	LISA		50' to S of KB122
94KB234	455687	6196571	tr-1% po (py?) bio 1-3mm	9/25/94	LISA		4880' W of RR0247-50m
94KB234.1	455687	6196571	Flt?fx'd BHQp,cc vn	9/25/94	LISA		4960' several 100m W flt?
94KB239	455769	6196223		9/28/94	LISA		Next to RMS16387
94KB239.1	455843	6196347	bedding par fol'n trm-wht sts	9/28/94	LISA		At 2+25N, 1+00W
94KB240	455920	6196504	fol'n w/in porph	9/28/94	LISA		E side of Nunatak
94KB240.1	456049	6196547	blk sts	9/29/94	LISA		5100' E end on ice
94KB241.1	456129	6196501	qtz vns w/ tr gal, spl in smpl	9/28/94	LISA		RR0375
94KB242	455810	6196577		9/29/94	LISA		DDH LN-94-01, El-5250'
94KB242.1	455825	6196578		9/29/94	LISA		
94KB242.2	455816	6196577		9/29/94	LISA		Just S of collar So 65-265, S 75-235
94KB243	455802	6196585	exten q vns,1vn/25cm	9/29/94	LISA		5m 045 from drill collar is ctc, 10-12m, 240 degrees from 450N, 100W
94KB243.1	455878	6196466	sts/chrt,B+W,thin bedded	9/29/94	LISA		Approx at 350N+00E
94KB243.2	455860	6196386	grn-gry sts in HFxl	9/29/94	LISA		2m SW of 275N+00E
94KB244	455769	6196222	gry-wh chrts;tight fold	9/29/94	LISA		10m, 015 deg from smpl RMS16384, drill at 225, -50 deg
94KB244.1	455805	6196253	blk sts+gry-wh chrts	9/29/94	LISA		Beds immed S of station
94KB244.2	456007	6196351	congl,polylith,blk mtrx	9/29/94	LISA		SE side of Nunatak
94KB245	456002	6196303	cgl,polylith	9/29/94	LISA		50m S of 244.2
94KB246	455960	6196420	wh-gry cherts	9/29/94	LISA		S of lake-50m, W side
94KB254	455778	6196163	blk sts, pencil clevg, rbbl	10/1/94	LISA		At 025N, 0+00E
94KB254	455860	6196387		9/23/94	LISA		At 25N, 00E
94KB255	455768	6196165	thinly bdd sts and chert	10/1/94	LISA		10m due W of 0+25N, 0+00E
RMS16369	455940	6196759		9/29/94	LISA	JC	In Ice cave, NE side Nunatak
RMS16370	455938	6196759		9/29/94	LISA	JC	Ice cave, NE side Nunatak.
RMS16371	455938	6196759		9/29/94	LISA	JC	Ice cave, NE side Nunatak.
RMS16372	455938	6196759		9/29/94	LISA	JC	Ice cave, NE side Nunatak.
RMS16373	455938	6196759		9/29/94	LISA	JC	Ice cave, NE side Nunatak.
RMS16374	455938	6196759		9/29/94	LISA	JC	Ice cave, NE side Nunatak.
RMS16375	455846	6196653		9/29/94	LISA	JC	Approx 20m E of 500N 100W.
RMS16376	455843	6196660		9/29/94	LISA	JC	Approx 20m N of 16375, along same struc.
RMS16377	455840	6196668		9/29/94	LISA	JC	Approx 10-20m N of 16376. Along same struc.
RMS16378	455763	6196699		9/29/94	LISA	JC	Approx 5m N of 16377, along same struc.
RMS16384	455769	6196213		9/29/94	LISA	JC	SW end of Nunatak. 280AZ, 24.5m from 075N, 00E.
RMS16385	455764	6196207		9/29/94	LISA	JC	Approx 5m W of 16384.
RMS16386	455764	6196204		9/29/94	LISA	JC	2-3m from 16385.

LISA NUNATAK SAMPLES AND STATIONS

NUMBER	SAMPLE/ROCK DESCRIPTION
94FC001	F Cordey radiolarian sample Productive: Triassic
94FC002	F Cordey radiolarian sample Productive: M-L Triassic (Ladinian or Carnian)
94FC003	F Cordey radiolarian sample (nonproductive)
94FC004	F Cordey radiolarian sample Productive: L Permian (Sarcomarian)
94FC005	F Cordey radiolarian sample Productive: Triassic
94FC006	F Cordey radiolarian sample (nonproductive)
94FC007	F Cordey radiolarian sample (nonproductive)
94FC008	F Cordey radiolarian sample (nonproductive)
94FC009	F Cordey radiolarian sample (nonproductive)
94FC010	F Cordey radiolarian sample (nonproductive)
94FC011	F Cordey radiolarian sample (nonproductive)
94KB122	thinly bedded lack-gry str, py tr-1%, dissem and blebs
94KB122.1	So:87 to 142; S1:85 to 220
94KB234	unalt'd BH(Q)p; bio 1-3mm; Hbld grn 3-5%,.5-3mm long, thin;qtz v rare1-2mm;tr-1% po(py?) monzodior? qtz dior?
94KB234.1	fract BHQp w/ Lg cc vn par and sm vns Lg vn=60-010 degrees
94KB239	lineation on S, surface
94KB239.1	bedding par fol'n 85-200 trm-wht sts/chert beds
94KB240	qtz vn N of lake gps'd both ends BHp dike next to qtz vn E side it puts out fol'n w/in porph 70-210 fol'n-10m
94KB240.1	blk sts; So: 80 to 170
94KB241.1	more qtz porph, w/ chert pebble conglomerate, qtz vns w/ tr gal, spl in smpl qtz phenos 1-2%
94KB242	v well fol'd lt gry-pale gry sts(clay stone?T?) w/local gry silt/clay bands;fol'n 65-245; 1-2% dissem m-cg py bands
94KB242.1	small scale isoclinal field FA 70-320 w/ cleavage axial planar AP 75-220
94KB242.2	So:65 to 265; S1:75 to 235
94KB243	lt grn-gry silts and thinly bedded blk and gry and wht sts/chert, bedding variable
94KB243.1	thinly bedded blk and wht sts and chert,+/-feox. So 55-240;refracting thin silt beds
94KB243.2	contact HFxl and lt grn-gry sts fol'n in sts at ctc 55-195 ctc trend par to 55-195
94KB244	tight fol'd in gry-wht chert w/ gry-blk thin silt interbeds
94KB244.1	blk silts (v thin) and drk gry-wht cherts, thinly bedded 65-220
94KB244.2	bx dike? diorite? blk mtrx, w/ .5-1mm wht frags?; sts clasts and porph clasts may be pepp. near BQp ctc
94KB245	Cgl;Clasts: blk sts, fspr+/-hblnd-phyric vx, chert;Mod fol;S0 sub-par?poss grading;clasts stretched along fol'n
94KB246	wht-gry cherts, thinly bedded So 70-280
94KB254	blk sts, pencil cleavage; rubble crop mostly; fold
94KB254	limb1:70 to 240; limb2:80 to 290
94KB255	thinly bedded sts and chert 70-330 degrees bedding, mineralized zone, 5m S of 75N, alt'n is 5m wide
RMS16369	1x1m panel Qtz-fe carb-sulfide vein. Total 3% py.
RMS16370	1x1m panel BH(Q?)p. 7-10% py; sericite alt'n."
RMS16371	1x1m panel B(HQ)p. Sericite, blk chl(?)/carbon; 3% py.
RMS16372	1x1m panel B(HQ)p. Green ser, blk chl?; well-foliated. No vis sulfides.
RMS16373	1x1m panel B(H?)p. Ser-blk chl?. 1-2% py.
RMS16374	1x1m panel Fine-med gr tuff with wispy frags; 3-5% py, dissem'd.
RMS16375	1x1m panel Contact of BHQp and sltstones+-cherts. Py-grn chl vein in sts(?).
RMS16376	1x1m panel Qtz-ser-py vein-? Along contact of BHQp and seds.
RMS16377	1x1m panel Massive py with more coarse grained py+cal veins and pods x-cutting. Along sed/BHQp contact.
RMS16378	1x1m panel B(H)p breccia, w/ grn-blk fg intrusive matrix. 2% py.
RMS16384	.5x.5m composite smpl Qtz vein in qtz vn-rich gray silty cherts. Py +?
RMS16385	.5x.5m compos smpl Py veinlets and semi-msv fg silver-gray sulfide in gray silty cherts.
RMS16386	.5x.5m compos smpl Py, gry-silver sulfide (aspy?) in silty cherts. Sulfides to 10-15%.

LISA NUNATAK SAMPLES AND STATIONS

NUMBER	UTM E	UTM N	LITHOLOGY	DATE	PROPERT	SAMPLER	LOCATION DESCRIPTION
RMS16387	455762	6196215		9/29/94	LISA	JC	1-2m from RMS16386.
RMS16388	455749	6196225		9/29/94	LISA	JC	Approx 10m N of 16387. Same fe-ox trend.
RMS16389	455721	6196243		9/13/94	LISA	JC	N Trench, Piquinero Showing
RMS16390	455720	6196242		9/13/94	LISA	JC	N Trench, Piquinero Showing
RMS16391	455719	6196241		9/13/94	LISA	JC	N Trench, Piquinero Showing
RMS16392	455718	6196240		9/13/94	LISA	JC	N Trench, Piquinero Showing
RMS16393	455717	6196239		9/13/94	LISA	JC	N Trench, Piquinero Showing
RMS16395	455762	6196215		9/13/94	LISA	JC	S Trench, Piquinero Showing
RMS16396	455763	6196215		9/13/94	LISA	JC	S Trench, Piquinero Showing
RMS16397	455764	6196215		9/13/94	LISA	JC	S Trench, Piquinero Showing
RR0119	455847	6196786	10% py in clay alt'n	9/9/94	LISA	RDC	N side Nunatak, along northern BHp rib.
RR0120	455845	6196786	10% py w/ bio x'tals on ctc	9/9/94	LISA	RDC	N side Nunatak, on northern BHp rib.
RR0121	455842	6196784	ser alt intrusive, lg zone	9/9/94	LISA	RDC	N side Nunatak; on northern BHp rib.
RR0122	455837	6196779	intrusive, 5% py/bio, ser alt	9/9/94	LISA	RDC	N side Nunatak; on northern BHp rib.
RR0123	455835	6196777	intrusive, 10% py on ctc w/ py	9/9/94	LISA	RDC	N side Nunatak; on northern BHp rib.1m from RR122
RR0124	455938	6196689	intrusive, py 75% on ctc w/shr	9/24/94	LISA	RDC	219AZ from Sharon Fr claim post (6+00N, 0+00E), approx 30m.
RR0125	455927	6196692	sed/int ctc, strgly alt int	9/24/94	LISA	RDC	8-10m from RR0124. W of ShFr Post.
RR0126	455927	6196692	py blebs >5% in alt intrusive	9/24/94	LISA	RDC	1m from RR0125.
RR0127	455848	6196676	chert, >2% py in chert on ctc	9/24/94	LISA	RDC	4m from RR0126.
RR0128	455842	6196654	sed alt, lim/qtz shear	9/24/94	LISA	RDC	Approx 5m E of 500N 100W.
RR0129	455833	6196651	sed, >5% py in blch'd sed	9/24/94	LISA	RDC	Approx 3m NW of 500N 100W.
RR0142	455837	6196770	arg w/in 1m of ctc w/ ser altn	9/23/94	LISA	RBA	N end Nunatak, on northern BHQp rib; approx 20m above ice.
RR0143	455837	6196773	ctc b/twn arg & int 15% py	9/29/94	LISA	RBA	Nunatak, same loc as RR0142, as shown in sketch
RR0144	455839	6196774	3-4% py dissem	9/29/94	LISA	RBA	Nunatak, same loc as RR0142, RR0143, as shown in sketch
RR0145	455839	6196775	5% py dissem	9/29/94	LISA	RBA	Nunatak same loc as in RR0142, RR0143, RR0144, as shown in sketch
RR0146	455840	6196777	qtz vn, ser alt'd int 3-4% py	9/29/94	LISA	RBA	Nunatak, same loc as RR0142-0145, as shown in sketch
RR0147	455842	6196780	1-2% py	9/29/94	LISA	RBA	Nunatak, loc same as RR0142-0146, as shown in sketch
RR0148	455844	6196782	1% py, some qtz in vugs	9/29/94	LISA	RBA	Nunatak, same loc as RR0142-0147, as shown in sketch
RR0149	455847	6196783	1% py, dissem'd, grn clr	9/29/94	LISA	RBA	Nunatak, same loc as RR0142-0148 as shown on sketch
RR0172	455738	6196672	Biot-Hbld-Qtz porph	8/2/94	LISA	KFB	S of Lost Mountain
RR0173	455872	6196755	Py pod in BHQp(loc approx)	8/2/94	LISA	KFB	S of Lost Mountain
RR0174	455926	6196732	Siliceous black siltstones	8/2/94	LISA	KFB	~50m, 320 deg from legal claimpost
RR0227	455802	6196314	gry chrt,qtz-py vns/blk sts	9/8/94	LISA	KFB	Nunatak, twds W end. 5350'.
RR0228	455798	6196311	py in same cntct as 227	9/8/94	LISA	KFB	4m W of 227
RR0229	455782	6196290	chrt,feox;py+spl?vns	9/8/94	LISA	KFB	10m, 235AZ from RR0228
RR0230	455777	6196287	chert,py+spl? vns	9/8/94	LISA	KFB	4m, 235AZ from RR0229
RR0231	455717	6196248	chert/gry sts;py3% strgrs	9/8/94	LISA	KFB	~75m frm RR0230, @235AZ?
RR0232	455720	6196242	chert/gry sts; py5%	9/8/94	LISA	KFB	~5m S of RR0231
RR0233	455696	6196118	chrty blk sts;py5%	9/8/94	LISA	KFB	40-50m SW of RR0232
RR0241	455805	6196763	BHp;ser,py 1-3%	9/24/94	LISA	KFB	4920'. W of RR0143-149 series, across seds into 2nd BHp sill.
RR0242	455803	6196762	BHFp;ser,py tr-2%	9/24/94	LISA	KFB	3M, 240AZ frm RR0241, N side.4920'(94KB229)
RR0243	455796	6196753	BHp;qtz stckwk	9/24/94	LISA	KFB	4940'. 30-40m 240AZ from RR0242.(94KB230)
RR0244	455774	6196710	cg(B)(Q)HFp	9/24/94	LISA	KFB	(94KB231)
RR0245	455741	6196728	blk sts,py to 10%	9/24/94	LISA	KFB	At rock/ice cntct (94KB232)
RR0246	455741	6196684	Bx-/pebble-dike	9/25/94	LISA	KFB	4850', ~50' above ice, N face Nunatak.
RR0247	455734	6196680	BHQp;chl	9/25/94	LISA	KFB	4840', ~20m W of 246.
RR0248	455735	6196665	BHQp;chl,tr py	9/25/94	LISA	KFB	4880'. ~50m W of 247.

NUMBER	SAMPLE/ROCK DESCRIPTION
RMS16387	.5x.5m compos smpl 10-20% py+gry-silver sulf in silty-chert beds. Qtz and carb vns assoc w/sulfs/feox.
RMS16388	.5x.5m compos smpl Py-qtz+/-carb veins in silty cherts. Along same feox trend (approx 280AZ) as 16384-7.
RMS16389	1m chip smple
RMS16390	1m chip smple
RMS16391	1m chip smple
RMS16392	1m chip smple
RMS16393	1m chip smple
RMS16395	1m chip smple
RMS16396	1m chip smple
RMS16397	1m chip smple
RR0119	4m chip. Ser-py alt'd B(H)p; sub-equigran, bio (ser) visible.
RR0120	2m chip. B(H)p w/ blk mtrx, and .5mm wht fldsprs, 3-5% py.
RR0121	Grab. BHFp (no Qtz vis); ser (alb?) alt'n; sub-equigran. Took no K-spr stain.
RR0122	Grab. BHFp; sub-equigran; grn ser alt'n.
RR0123	Grab. BH(F)p; blk mtrx, py 3-5%.
RR0124	Grab. BH(Q)p; at fx'd/vn'd ctc w/ seds. >5% py.
RR0125	Grab. Strgly alt'd intrusive (BHp).
RR0126	Grab. Ctc of BHp/sed ctc; >/=5% py.
RR0127	Grab. >2% py in chert, at ctc w/ BHp.
RR0128	0.5m chip. S side of struct along ctc of BHp/chert to cherty silts. Fe-ox and qtz (+carb?).
RR0129	Grab. >2% py in blch'd seds (cherty silts).
RR0142	40cm chip. Arg w/in 1m of ctc w/ intrusive ser alt'n, arg is fol'd, grph rich, w/ sm py strs following fol'n.
RR0143	50cm chip;Arg-ser alt'd intr;smpl crosses ctc b/twn sts and intr;up to 15% py in intr w/in10cm of ctc.Sts grph rich.
RR0144	20cm chip. Ser alt'd intrusive, 2m from ctc smpl'd in RR0143 3-4% py dissem.
RR0145	30cm chip. Ser alt'd intrusive, 5% py dissem, same mat as RR0144, 4m from ctc w/arg.
RR0146	30cm chip;5-10cm wide qtz vn,in ser-alt'd intr,3-4% dissem py in host; qtz appears to be dead.
RR0147	30cm chip. Ser alt'd intrusive, 1-2% py.
RR0148	40cm chip. Ser alt'd intrusive, 1% py, smpl'd over 5cm wide vugs in rock face, some qtz in vugs
RR0149	20cm chip. Ser alt'd intrusive, 1% py, dissem, clr here is more grn then prev smpls, which were gry-grn.*
RR0172	Grab smpl.Sill in bdd blk-gry sts;bio-H-Q porph-wkly fol'd;py up to 0.5%;bio ~3mm diam 2-3%; hrnblnd: v alt'd
RR0173	Grab smpl.Py pod/lens w/in ser-alt'd grnsh-brn phyllitic BHQp;py pod10 cm wide,0.5m long,cg py~10-15%
RR0174	Grab smpl.10-15% vfg py in v sil gry-blk sts; S1 70to250
RR0227	Grab. Qtz vns + strs w/ py in gry chert; in bndd chert next to blk sts.
RR0228	Grab. Py strs in gry chert @ ctc w/ blk sts.
RR0229	Grab. Chert; hi Fe-ox, mod bdd. Py + vnlts of spl?
RR0230	Grab. Mod bdd chert, hi Fe-ox; py + spl?
RR0231	Grab. Lt gry sts/chert, well-fol'd, carb + ser?. Py 1-3% in strs.
RR0232	Grab. Cherty sts, py 1-3% in strs.
RR0233	Grab. Py to 5%, dissem & strs in lens/bed of cherty blk sts; fairly msv, mod fol'd.
RR0241	1m chip. BHp. Pale grn clr; py 1-3%, qtz vns common, straight and irreg.
RR0242	Grab. BHFp. V Hard; biot pnksh-ser; hrnblnds fuzzy; fsprs wht, alt'd .5-1mm;Py tr-2%,diss,f-cg.
RR0243	1m chip;B(H)p w/ qtz stkwk;V fol'd, chl-Fe-carb alt'd;Qtz vns 3mm-3cm wide q-chl+/-cal. ~1 vn/3cm
RR0244	Grab. Cg hrnblnd (bio?) porph, rare qtz eyes, hblds fat, 2-5mm long;fsprs<.5mm,wht; Rk is v grn-chl alt'n?
RR0245	1m chip. Blk sts w/ up to 10% py as fg vns 1-4mm wide, irreg margs. Well-fol'd, v oxidized.
RR0246	Grab. Bx/pebble dike, 10-20cm wide (narrows to 0);ctc of BHp & blk sts;Py 1-3%,m-cg cubes in mtrx;Clasts .5-10cm
RR0247	Grab. BHQp, 1-2%py, hblds alt'd. Q v rare, 1-3mm. Rock is grn, hard. Bio are fairly grn--chl alt'n only?
RR0248	Grab. Relict unalt'd BH(Q)p, bio 1-3mm, grn, 3-5%; hrnblnds .5-3mm, long, thin, accicular 15-20%

NUMBER	UTM E	UTM N	LITHOLOGY	DATE	PROPERT	SAMPLER	LOCATION DESCRIPTION
RR0249	455676	6196568	B(HQ)p;chl,cc-chl-q vns	9/25/94	LISA	KFB	~100m W of RR0248
RR0250	455753	6196533	Shear(leftlat)in BHQp	9/25/94	LISA	KFB	5110'. Straight uphill (140AZ) from RR0249.
RR0297	455763	6196528	BHQp;chl,ser,fol'td	9/25/94	LISA	KFB	5140'. ~10m vert above RR0250, @140AZ.(94KB236)
RR0298	456125	6196541	QBHp;ser,fg po	9/28/94	LISA	KFB	5100'. On ice, E side Nunatak.(94KB241
RR0299	456045	6196262	Congl,polylith;3-5%py	9/29/94	LISA	KFB	2m above ice, E side Nunatak(94KB299)
RR0300	455722	6196239	semi-msv py vn	10/1/94	LISA	KFB	3m So. of RR0232
RR0301	455845	6196658	ferricrete at ct	9/29/94	LISA	PD	
RR0302	455892	6196723	Ct between BHp and seds	9/29/94	LISA	PD	
RR0303	455815	6196513	FHxl dike	9/29/94	LISA	PD	
RR0304	455807	6196512	seds, qtz vn	9/29/94	LISA	PD	
RR0305	455807	6196515	qtz vn, no visible sulphides	9/29/94	LISA	PD	
RR0306	455844	6196654	ct between BHp and sediments	9/2394	LISA	PD	3m south of RMS16376, RMS16377 is 3m north.
RR0307	455842	6196666	msv sulphide 100% Aspy	9/29/94	LISA	PD	0.5 meters west of RMS16577.
RR0308			BHp	9/23/94	LISA	PD	
RR0309	455835	6196674	seds/qtz vn, 1-2% py	9/29/94	LISA	PD	
RR0310	455837	6196672	qtz vn @ ct b/w seds and BHp	9/29/94	LISA	PD	
RR0311	455829	6196672	BHp	9/29/94	LISA	PD	6m west of RR0309 and RR0310
RR0312	455801	6196765	BHp	9/29/94	LISA	PD	
RR0313	455797	6196739	BHp	9/29/94	LISA	PD	1 meter east of ct b/w BHp and seds
RR0314	455791	6196740	seds	9/29/94	LISA	PD	
RR0315	455733	6196681	BHp	9/29/94	LISA	PD	
RR0316	455837	6196791	FHxl	9/29/94	LISA	PD	
RR0317	455838	6196789	BHp	9/29/94	LISA	PD	
RR0318	455843	6196786	BHp	9/24/94	LISA	KFB	
RR0319	455859	6196789	BHp	9/29/94	LISA	PD	
RR0320	455872	6196782	BHp	9/29/94	LISA	PD	
RR0321	455885	6196780	BHp	9/29/94	LISA	PD	
RR0322	455894	6196783	bio FHxl, chl alt'd	9/29/94	LISA	PD	
RR0323	455898	6196786	Ct b/w BHp and seds	9/29/94	LISA	PD	
RR0324	455899	6196788	Qtz vns+GO@ct b/w seds+BHp	9/29/94	LISA	PD	
RR0325	455854	6196765	BHp	9/29/94	LISA	PD	
RR0326	455816	6196694	seds	9/29/94	LISA	PD	
RR0327	455810	6196694	seds	9/29/94	LISA	PD	
RR0328	455764	6196607	Seds w/ qtz vng and sil alteration	9/29/94	LISA	PD	
RR0329	455767	6196616	Seds w/ qtz vng and sil alteration	9/29/94	LISA	PD	
RR0330	455762	6196602	seds w/ minzd shr w/.1-1m qtz vn.	9/29/94	LISA	PD	
RR0331	455834	6196752	seds	9/29/94	LISA	PD	
RR0332	455843	6196754	seds	9/29/94	LISA	PD	
RR0333	455859	6196723	BHp	9/29/94	LISA	PD	
RR0334	455875	6196404	FHxl	9/29/94	LISA	PD	25m E of 225N
RR0335	455852	6196645	ct b/w seds and BHp	9/29/94	LISA	PD	15m southalong strike from RR0306, 3m S along strike from RMS16375
RR0336	455847	6196645	Fe-crete on seds.	9/29/94	LISA	PD	2m west of RR0335
RR0337	455768	6196631	seds	9/29/94	LISA	PD	NE end
RR0338	455714	6196474	BHp	9/29/94	LISA	PD	
RR0339	455751	6196202	BHp	9/29/94	LISA	PD	
RR0340	455742	6196183	Bx or pebble-dike	9/29/94	LISA	PD	
RR0341	455883	6196287	FHxl	9/29/94	LISA	PD	

NUMBER	SAMPLE/ROCK DESCRIPTION
RR0249	Grab. B(HQ)p, v grn. cal vnlts common =chl-cal alt'n. Q-chl-cal vns
RR0250	Grab. Shr in BHQp; qtz 3%, 2-5mm eyes; Fe-carb, Fe-ox; Shear bnd 35to170;oblique fol'n 45to200; left lat mvmnt.
RR0297	Grab. BHQp; dk grn, mod fol'd 80to170; silv-white mica on fx's
RR0298	Grab. QBHp, qtz 3%, 2-4mm; Bio 1-2%, 2mm; hbld acic,.5-1mm,15-20%;ser alt'n w/fg dissem po.1-2%;v wkly fol'd).
RR0299	Grab. Silty cgl,polylith;clsts 5%;3-5%py;fecarb; foliated
RR0300	Grab 70-330 degrees bedding 3m above (S) smpl RR0232"
RR0301	Grab. At ct between BHQp and seds; lim stain/ferrecrete. K-spar=0
RR0302	Grab. Ct of BHQp and seds, lim stained, K-spar=0.
RR0303	Grab. FHxl dike. K-spar=0.
RR0304	Grab. Seds, v rusty seds in HW of 10cm to 1m wide qtz vn, qtz vn is in HW of FHxl dike at 175/85 deg. K-spar=0
RR0305	Grab. Qtz vn, pod like swelling of qtz vn in HW of FHxl dike, v rusty no visible sulphs.
RR0306	Grab. 5-10cm minzd structure that forms the ct b/w BHp and seds. 5% malachite stain, occ blebs fg. pyrite.
RR0307	Grab. Msv sulph pod 1/2m W of RMS16577, pod in seds, sulphides-100% py.
RR0308	Grab. BHp. Weakly altered looking BHp for whole rock. Biotites rusting, minor limenite stain. K-spar=0
RR0309	Grab. qtz vein is at ct b/w seds and BHp, qtz stringers and seds w/ lim stain, 1-2% py. K-spar=0
RR0310	Grab. Qtz vn in ct b/w seds and BHp. py in FW of qtz vn
RR0311	Grab. BHp, Weakly altered looking BHp. Cleavage in BHp at 015/15. K-spar=0.
RR0312	2m chip. BHp, K-spar=0
RR0313	1.5m panel. BHp, K-spar=0.
RR0314	1m chip. Seds, Chip of stained seds over 1m up to ctc w/BHp. K-spar=0.
RR0315	1.5m chip. BHp, chip over 1.5m up to ct w/ seds. K-spar =0.
RR0316	Grab. FHxl, weakly altered FHYxl w/ tr 1-3mm bio for WR and icp.
RR0317	Grab. BHp with 5% ser? after biotite, 25% blocky to acicular 1-4mm tan to cream hbl. K-spar =0.
RR0318	Grab. BHp, Hbl altered whitr to tan with albite? Biotite altered pinkish to tan sericite? K-spar =0.
RR0319	Grab. BHp, hrnblnd alt'd to chl, moderately blch'd, 1-2mm 3% bio, 30% acicular to blocky hrnblnd to 2.5mm. K-spar=2.
RR0320	Grab. BHp, same as RR0319. K-spar=1
RR0321	Grab BHp, as RR0319, RR0320 but w/ qtz vnlts and 1cm chl vns and an increase in chl alt'n. K-spar=1
RR0322	Grab. BHp, 1/2 meter wide strong chl alt'd shear zone @ 110/90. K-spar =1.
RR0323	Grab. Ct b/w BHp and seds, mod lim stain, ct structurally modified and rock bleached white. K-spar =0.
RR0324	Grab. Qtz vng and GO in ct b/w seds and BHp. ct @ 002/~70. K-spar=0
RR0325	Grab. BHp, 1/2m SZ in BHp-structure ~180/90t. lim stain, strong blch w/ chl alt'n. K-spar=0
RR0326	Grab. Seds, rusty SZ in BdT. Structure ~parallel to ct with nearby BHp. locally to 5% fg diss py. K-spar =0
RR0327	Grab. Seds, rusty band in SZ 1m W and in same structure as RR0326. K-spar =0.
RR0328	Grab. Seds, py in sil altn and qtz vng in seds 10m E of intrusive ctc. K-spar =0
RR0329	Grab. Seds, 3m east and similar to RR0328, py sil alt'd. seds mod to strongly sheared @ 135/90. K-spar =0.
RR0330	Grab. Seds, 5cm minzd SZ w/ semi msv py and 1-1m qtz vn in HW. BHp to west. SZ and ct @180/50.
RR0331	Grab. Seds, Semi massive pyritic laminae parallel to bedding.
RR0332	Grab. Seds, 1-10cm py vnlt, one of several in this outcrop.
RR0333	Grab. BHp, yellow lim? stain. Thought to be orpiment but low arsenic in icp. In strongly alt'd BHp near sed ct.
RR0334	Grab. FHxl, Partial ser after hbl in FHxl for WR.
RR0335	Grab. 5cm massive cpy, py vn w/ malachite and minor azurite. Ct b/w seds and BHp. K-spar=1.
RR0336	Grab. Fe-crete on 1-5m band of rusty seds parallel to ct b/w seds and BHp. K-spar =0
RR0337	Grab. Seds, Semi massive pyritic laminae parallel to bedding. K-spar=0.
RR0338	Grab. BHp, strong pervasive chl alt'n. Chlorite after hbl. K-spar=0
RR0339	Grab. BHp w/ 1-3% bio, 35% mod ser alt'd 1-3mm, acicular hrnblnd , 1% py.K-spar=0
RR0340	Grab. Bx dike, 15cm fT clasts in hemitite stained matrix. K-spar =0.
RR0341	Grab. FHxl, wk ser alt'd tan to white hrnblnd. Matrix pale green, no visible sulphides. Kspar=0.

LISA NUNATAK SAMPLES AND STATIONS

NUMBER	UTM E	UTM N	LITHOLOGY	DATE	PROPERT	SAMPLER	LOCATION DESCRIPTION
RR0342	455764	6196127	dike of uncertain affinity.	9/29/94	LISA	PD	at 60m S
RR0343	455742	6196230	seds	9/29/94	LISA	PD	On trend w/ RR0231,232
RR0344	455751	6196207	brecciated seds	9/29/94	LISA	PD	By big msv sulphide boulder 6 m east of RR0231
RR0345	455811	6196454	breccia dike w/ cherty frags	9/29/94	LISA	PD	
RR0346	455844	6196183	v rsty Fe-crete @ FHxl sed ct	9/29/94	LISA	PD	
RR0351	455851	6196787	ser alt'd int, >1% py, gry-grn	9/29/94	LISA	RBA	Nunatak, same loc as RR0142-RR0149, as shown on sketch
RR0352	455854	6196789	ser alt'd, 0% py, no bio	9/29/94	LISA	RBA	Nunatak, same loc as RR0142-RR0149, RR0351
RR0353	455854	6196786	ser alt'd, <1% mineral'n	9/29/94	LISA	RBA	Nunatak, same loc as RR0142-RR0149, RR0351-RR0352 as shown in sketch
RR0354	455858	6196778	ser alt, 15-20% py, qtz graph	9/29/94	LISA	RBA	Nunatak, same loc as RR0142-RR0149, as shown on sketch
RR0355	455847	6196766	>1% py, ser alt'd int, non-bio	9/29/94	LISA	RBA	Nunatak, same loc as last smpl
RR0356	456084	6196516	arg, 5% moly, qtz strs in arg	9/29/94	LISA	RBA	SE nunatak El 1620m
RR0357	455830	6196801	ser alt'd int, 3-4% py	9/29/94	LISA	RBA	nunatak, as shown in sketch
RR0358	455829	6196796	2-4% py, ser alt'd int	9/29/94	LISA	RBA	Nunatak, same as last smpl
RR0359	455831	6196797	2-3% py, ser alt'd int	9/29/94	LISA	RBA	Nunatak
RR0360	455833	6196799	2-3% py, ser alt'd int	9/29/94	LISA	RBA	Nunatak
RR0361	455829	6196793	2-3% py, ser alt'd int	9/29/94	LISA	RBA	Nunatak
RR0362	455831	6196794	2-3% py, ser alt'd int	9/29/94	LISA	RBA	Nunatak
RR0363	455834	6196796	2-3% py, ser alt'd int	9/29/94	LISA	RBA	Nunatak
RR0364	455836	6196797	2-3% py, ser alt'd int	9/29/94	LISA	RBA	Nunatak
RR0369	455721	6196239	semi-msv py vn,gry chert & sts	10/1/94	LISA	KFB	3m S of RR0232
RR0370	455721	6196238	gry sts/chert	10/1/94	LISA	KFB	next to (E side) RR0369
RR0371	455716	6196240	msv sulphide, py, asp?1-5% spl	10/1/94	LISA	KFB	3m 300 degrees from RR0232
RR0372	455714	6196242	blk sts, cherty, tr-1% vfg py	10/1/94	LISA	KFB	5m, 270 degrees from RR0371
RR0373	455714	6196241	vfg sulph 5-25%, py+gry sulph	10/1/94	LISA	KFB	S side of RR0372
RR0374	455713	6196240	py,cc-qtz-asp? strs 2-5% sulph	10/1/94	LISA	KFB	S side RR0373
RR0375	456138	6196503	1% py, 1-3% qtz, 5mm hbld	9/28/94	LISA	KFB	(94KB241.1)

NUMBER	SAMPLE/ROCK DESCRIPTION
RR0342	Grab. Dike of uncertain affinity. Bleached ser? sil?, 1-3% py, occasionally 15% py. Dike @70/200. K-spar=0.
RR0343	Grab cherty seds. Msv sulphide pod in rusty thin-bdd seds in ct w/ BHp to S. Sample on trend with RR0231 and RR0232.
RR0344	Grab Massive sulphides in brecciated seds.
RR0345	Grab Bx dike w/ cherty frags at ct w/ BHp and seds, dike tracable for ~5m. K-spar=0.
RR0346	Grab V rusty Fe-crete at FHxl sed ctc.
RR0351	20cm chip Ser alt'd intrusive, >1% py, gry-grn!
RR0352	20cm chip Ser alt'n, 0% py, ser alt'd but not intrusive, no bio .
RR0353	20cm chip Ser alt'd intrusive, w/in 2m of RR0352, less than 1% mineral'n.
RR0354	15cm chip Ser alt'd intrusive, 15-20% py, one m from qtz graph str.
RR0355	25cm chip Ser alt'd intrusive, >1% py, w/in 1m of non-bio alt'n.
RR0356	20cm chip Arg, 5% moly, qtz strs in arg.
RR0357	20cm chip Ser alt'd intrusive, 3-4% py.
RR0358	25cm chip 2-4% py.
RR0359	20cm chip Ser alt'd intrusive, 2-3% py.
RR0360	20cm chip Ser alt'd intrusive, 2-3% py.
RR0361	20cm chip Ser alt'd intrusive, 2-3% py.
RR0362	20cm chip Ser alt'd intrusive, 2-3% py.
RR0363	20cm chip Ser alt'd intrusive, 2-3% py.
RR0364	20cm chip Ser alt'd intrusive, 2-3% py.
RR0369	1m chip Min'd/alt'd zone 5m wide; gry chert and sts, includes 5cm semi-msv py vn of smpl RR0300.
RR0370	1m chip Gry sts/chert.
RR0371	Grab Msv sulph py, asp? fg stb or sulph alt'n? spl (1-5%).
RR0372	1m chip Rusty blk sts, cherty tr-1% vfg py.
RR0373	1m chip Blch'd and v alt'd sts lt gry, w/ yellow and brn oxs vfg sulph 5-25%, one vn-5cm wide; py and gry sulph.
RR0374	0.5m chip Gry chert and blk-gry cherty sts, py and cc-qtz-asp? strs 2-5% sulphs.
RR0375	Grab Hbld qtz porph;py-1%;qtz vns in smpl;hblds to 5mm;qtz 1-3mm,1-3%;drk grn-blk chl.

1994 LISA NUNATAK ASSAY RESULTS

SURFACE SAMPLES							
NUMBER	AU g/t	AU GRAV	AU METL	AG g/t	ZN %	CU %	AS %
RMS16369	0.99			225.8	2.9		
RMS16370	0.09						
RMS16371	0.03						
RMS16372	0.03						
RMS16373	0.10				3.33		
RMS16374	0.05						
RMS16375	8.25			36.3		1.61	
RMS16376	0.29						
RMS16377	0.04						
RMS16378	0.09						
RMS16384	5.45						1.24
RMS16385	0.82						
RMS16386	39.00	44.91		53.1			11.5
RMS16387	29.37	38.74					7.08
RMS16388	11.75	10.28					8.09
RMS16389	11.68	12.23					3.44
RMS16390	7.00						
RMS16391	37.30		36.29				2.77
RMS16392	10.90	10.68					1.71
RMS16393	2.51						
RMS16395	9.70						3.89
RMS16396	8.06						3.86
RMS16397	52.87		54.11	23.7			4.19
RR0119	0.04						
RR0120	0.03						
RR0121	0.03						
RR0122	0.04						
RR0123	3.32						
RR0124	0.06						
RR0125	0.06						
RR0126	0.04						
RR0127	0.03						
RR0128	0.13						
RR0129	0.03						
RR0142	0.02						
RR0143	0.02						
RR0144	0.02						
RR0145	0.06						
RR0146	0.04						
RR0147	0.23						
RR0148	0.02						
RR0149	0.02						
RR0172	0.02						
RR0173	0.82						
RR0174	0.11						
RR0227	0.23						
RR0228	0.06						
RR0229	0.05						
RR0230	0.08						
RR0231	8.80						2.86
RR0232	5.00						2.81
RR0233	0.18						
RR0241	0.16						
RR0242	0.06						
RR0243	0.11						
RR0244	0.03						
RR0245	0.06						
RR0246	0.05						
RR0247	0.04						
RR0248	0.09						
RR0249	0.11						
RR0250	0.10						
RR0297	0.08						
RR0298	1.12						
RR0299	0.25						
RR0300	14.10	14.06					1.06
RR0301	0.03						

1994 LISA NUNATAK ASSAY RESULTS

NUMBER	AU g/t	AU GRAV	AU METL	AG g/t	ZN %	CU %	AS %
RR0302	0.02						
RR0303	0.02						
RR0304	0.08						
RR0305	0.03						
RR0306	0.02						
RR0307	0.13						
RR0308	1.33						
RR0309	4.10						
RR0310	9.25				3.78		
RR0311	0.20						
RR0312	0.19						
RR0313	0.63						
RR0314	0.03						
RR0315	0.05						
RR0316	0.08						
RR0317	0.04						
RR0318	0.04						
RR0319	0.03						
RR0320	0.03						
RR0321	0.04						
RR0322	0.03						
RR0323	0.15						
RR0324	0.05						
RR0325	0.02						
RR0326	0.14						
RR0327	0.29						
RR0328	0.84						
RR0329	0.08						
RR0330	0.07						
RR0331	0.35			39.4			
RR0332	0.34						
RR0333	0.13				2.2		
RR0334	0.03						
RR0335	12.35	11.82		50.3		2.18	
RR0336	15.85	15.39					
RR0337	0.27						
RR0338	0.13						
RR0339	0.10						
RR0340	0.08						
RR0341	0.26						
RR0342	0.17						
RR0343	18.57	19.71					13.6
RR0344	75.50	73.89	83.47	33.4			5.95
RR0345	1.38						
RR0346	0.56						
RR0351	0.04						
RR0352	0.09						
RR0353	0.04						
RR0354	0.06						
RR0355	0.02						
RR0356	0.23						
RR0357	0.05						
RR0358	0.06						
RR0359	0.07						
RR0360	0.03						
RR0361	0.07						
RR0362	0.04						
RR0363	0.11						
RR0364	0.20						
RR0369	4.55						
RR0370	0.42						
RR0371	62.25	68.06			1.33		8.33
RR0372	1.19						
RR0373	6.50						1.09
RR0374	2.23						

1994 LISA NUNATAK ICP RESULTS

SURFACE SAMPLES			(< min. det. lmts listed as 1/2 det. lmt; > max det lmt listed as 1 + det lmt)																												
NUMBER	LAC SHIP#	AG ppm	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	Y	W	ZN
RMS16369	R94-08	31	1	59	1	55	2.5	5.57	315.0	16	68	644	6.99	0.11	5	1.61	4963	0.5	0.005	13.0	720	1934	230	10	257	25	0.005	30	22	5	3.0	10001
RMS16370	R94-08	3.6	0.94	45	6	30	5.0	0.83	8.0	15	21	48	5.3	0.11	5	0.68	589	2.0	0.005	11.0	1140	62	5	10	19	25	0.005	10	16	5	0.5	573
RMS16371	R94-08	1.6	1.83	10	6	60	2.5	4.78	2.0	12	22	38	4.66	0.11	5	1.35	1663	0.5	0.005	0.5	1220	26	15	10	109	25	0.005	30	26	5	0.5	264
RMS16372	R94-08	0.8	1.23	20	6	35	10.0	2.42	3.0	14	17	40	4.72	0.11	5	0.98	1042	0.5	0.005	0.5	1320	20	5	10	51	25	0.005	20	20	5	0.5	292
RMS16373	R94-08	2.2	0.95	215	1	55	2.5	13	290.0	8	20	165	2.84	0.09	5	0.73	5980	0.5	0.005	0.5	870	934	10	10	227	25	0.010	30	15	5	3.0	10001
RMS16374	R94-08	1.6	1.02	60	6	30	5.0	1.42	6.0	15	24	44	6.11	0.12	5	0.69	693	0.5	0.005	5.0	1320	44	2.5	10	35	25	0.005	20	17	5	0.5	549
RMS16375	R94-08	31	0.81	260	8	60	2.5	1.14	5.0	30	41	10001	16	0.07	5	0.39	709	0.5	0.005	27.0	1350	54	2.5	10	16	25	0.005	40	11	5	0.5	336
RMS16376	R94-08	1	0.51	145	6	50	2.5	5.77	3.0	17	42	491	3.74	0.07	5	0.67	1517	0.5	0.005	8.0	450	14	10	10	91	25	0.005	10	5	5	2.0	139
RMS16377	R94-08	0.8	1.36	60	4	50	2.5	0.41	2.0	12	23	169	4.58	0.11	5	0.76	774	2.0	0.005	7.0	1130	30	2.5	10	9	25	0.005	20	28	5	0.5	155
RMS16378	R94-08	0.8	0.28	1025	8	50	2.5	4.81	4.0	13	17	85	4.62	0.17	5	1.09	3172	0.5	0.005	4.0	1440	16	5	10	143	25	0.005	30	6	5	0.5	69
RMS16384	R94-12	2.8	0.06	10001	8	30	2.5	0.01	67.0	6	111	160	4.08	0.01	5	0.01	45	0.5	0.005	4.0	5	54	25	40	2	25	0.005	5	2	5	0.5	207
RMS16385	R94-12	1.4	0.04	5795	10	40	2.5	0.01	15.0	5	62	79	2.05	0.02	5	0.01	13	0.5	0.005	3.0	5	28	20	10	1	25	0.005	10	1	5	0.5	23
RMS16386	R94-12	31	0.08	10001	8	60	2.5	0.01	730.0	27	38	1041	16	0.01	5	0.01	6	0.5	0.005	6.0	5	158	675	10	2	25	0.005	60	5	5	0.5	201
RMS16387	R94-12	24.6	0.1	10001	8	40	2.5	0.01	426.0	37	46	999	13.3	0.03	5	0.01	61	0.5	0.005	18.0	50	142	230	10	3	25	0.005	40	4	5	0.5	82
RMS16388	R94-12	3	0.31	10001	6	40	15.0	0.65	445.0	19	83	30	8.76	0.02	5	0.24	378	0.5	0.005	8.0	90	26	235	10	33	25	0.005	30	4	5	0.5	276
RMS16389	R94-14	11.4	0.21	10001	10	35	2.5	0.07	377.0	28	58	772	9.91	0.04	5	0.05	163	2.0	0.005	25.0	50	46	80	10	4	25	0.005	5	4	5	0.5	366
RMS16390	R94-14	7.8	0.13	9240	8	25	2.5	0.26	80.0	12	96	438	3.65	0.03	5	0.10	224	0.5	0.005	16.0	20	24	20	10	6	25	0.005	5	3	5	0.5	81
RMS16391	R94-14	29.8	0.19	10001	10	45	2.5	0.11	290.0	23	78	494	11.40	0.03	5	0.05	341	0.5	0.005	18.0	5	42	60	10	6	25	0.005	5	4	5	0.5	195
RMS16392	R94-14	14.2	0.21	10001	8	35	2.5	0.40	164.0	25	73	692	7.58	0.04	5	0.17	379	0.5	0.005	21.0	20	24	45	10	12	25	0.005	5	4	5	0.5	269
RMS16393	R94-14	5.4	0.20	7065	8	25	2.5	0.29	59.0	17	102	365	4.08	0.05	5	0.13	362	0.5	0.005	19.0	100	20	20	10	6	25	0.005	5	3	5	0.5	108
RMS16395	R94-14	4.8	0.18	10001	8	30	2.5	0.03	386.0	23	49	328	7.89	0.07	5	0.01	35	0.5	0.005	19.0	410	50	105	10	2	25	0.005	5	3	5	0.5	43
RMS16396	R94-14	5.2	0.20	10001	8	35	2.5	0.10	376.0	31	43	486	8.08	0.08	5	0.01	14	0.5	0.005	27.0	400	50	105	10	4	25	0.005	5	4	5	0.5	37
RMS16397	R94-14	31.0	0.31	10001	8	60	2.5	0.37	400.0	51	54	2440	16.00	0.05	5	0.11	219	0.5	0.005	54.0	100	136	140	10	9	25	0.005	5	4	5	0.5	1218
RR0119	R94-08	0.4	1.93	55	6	70	2.5	3.9	4.0	13	20	119	4.75	0.14	5	1.45	1671	0.5	0.005	4.0	1270	16	10	10	74	25	0.005	10	55	5	0.5	512
RR0120	R94-08	0.1	2.14	2.5	6	155	2.5	3.06	0.5	14	21	87	5.02	0.1	5	1.47	1337	0.5	0.02	0.5	1270	22	10	10	117	25	0.010	20	76	5	0.5	120
RR0121	R94-08	0.6	2.23	15	6	75	5.0	2.13	0.5	15	15	59	5.67	0.12	5	1.73	1819	0.5	0.005	0.5	1270	16	15	10	54	25	0.005	20	60	5	0.5	100
RR0122	R94-08	0.4	1.04	60	8	45	2.5	1.89	3.0	12	30	80	4.48	0.14	5	1.04	1567	2.0	0.005	32.0	1200	42	2.5	10	37	25	0.005	10	40	5	0.5	305
RR0123	R94-08	8.6	0.25	955	10	45	2.5	4.32	4.0	154	30	768	16	0.01	5	0.11	723	0.5	0.005	82.0	40	200	10	10	92	25	0.005	0	4	20	0.5	79
RR0124	R94-11	0.4	2.21	15	10	110	2.5	1.4	0.5	14	17	56	5.02	0.15	5	1.97	1323	0.5	0.005	12.0	1220	24	10	10	23	25	0.005	10	63	5	0.5	699
RR0125	R94-11	0.1	1.88	2.5	10	120	2.5	0.4	2.0	12	23	32	4.11	0.11	5	1.57	596	0.5	0.01	0.5	1210	20	15	10	8	25	0.005	10	98	5	0.5	398
RR0126	R94-11	0.1	1.87	2.5	10	95	5.0	1.99	0.5	14	16	43	4.39	0.12	5	1.61	1090	0.5	0.01	3.0	1200	8	10	10	34	25	0.005	20	73	5	0.5	300
RR0127	R94-11	0.4	0.64	2.5	10	55	2.5	0.54	3.0	6	107	34	1.24	0.03	5	1.07	477	0.5	0.005	22.0	150	50	10	10	13	25	0.005	0	7	5	0.5	265
RR0128	R94-11	0.8	1.08	205	12	60	2.5	0.07	2.0	32	114	111	7.6	0.03	5	0.63	312	106.0	0.005	72.0	1690	26	2.5	10	9	25	0.005	20	300	5	4.0	318
RR0129	R94-11	0.2	1.16	15	8	120	2.5	0.12	0.5	6	26	3	3.32	0.08	5	0.68	378	0.5	0.005	12.0	640	6	2.5	10	5	25	0.005	10	13	5	0.5	29
RR0142	R94-10	1.2	0.73	70	10	45	2.5	0.17	0.5	12	40	78	3.15	0.12	5	0.43	284	63.0	0.005	39.0	890	78	2.5	10	6	25	0.005	20	23	5	0.5	121
RR0143	R94-10	0.6	1.23	50	10	40	2.5	0.76	6.0	15	51	134	4.44	0.17	5	0.94	1479	9.0	0.005	52.0	1200	36	5	10	12	25	0.005	20	54	5	0.5	348
RR0144	R94-10	0.4	1.8	2.5	8	100	2.5	2.21	4.0	13	22	60	4.58	0.16	5	1.62	1561	0.5	0.005	3.0	1250	14	15	10	42	25	0.005	20	69	5	0.5	278
RR0145	R94-10	0.6	2.06	2.5	8	125	2.5	2.6	0.5	12	19	44	4.56	0.14	5	1.85	1702	0.5	0.005	0.5	1180	8	15	10	70	25	0.005	20	60	5	0.5	109
RR0146	R94-10	0.2	2.09	2.5	8	145	2.5	1.18	0.5	13	33	38	4.48	0.11	5	1.78	1138	0.5	0.02	0.5	1170	14	10	10	42	25	0.005	20	56	5	0.5	93
RR0147	R94-10	0.1	2.03	2.5	8	200	2.5	2.76	0.5	13	15	45	4.47	0.09	5	1.55	1261	0.5	0.02	0.5	1150	10	15	10	64	25	0.010	20	74	5	0.5	133
RR0148	R94-10	0.2	1.62	2.5	8	180	2.5	0.41	0.5	11	14	28	3.46	0.1	5	1.16	574	0.5	0.02	2.0	1310	8	10	10	14	25	0.005	10	40	5	0.5	134
RR0149	R94-10	0.2	2.4	2.5	10	180	2.5	0.59	0.5	13	13	49	4.85	0.11	5	2.04	959	0.5	0.02	0.5	1290	12	10	10	15	25	0.005	20	54	5	0.5	127
RR0172	R94-05	0.1	1.83	2.5	6	85	2.5	0.61	0.5	14	43	43	3.94	0.05	5	1.39	1079	0.5	0.02	3.0	1250	20	5	10	35	25	0.080	5	60	5	4.0	355
RR0173	R94-05	9.2	0.38	1110	4	30	2.5	0.18	33.0	58	63	379	16	0.08	5	0.09	129	0.5	0.005	13.0	90	236	3	10	3	25	0.005	5	5	5	0.5	2408
RR0174	R94-05	1.6	0.25	115	4	20	5.0	0.02	2.0	7	112	26	4.36	0.04	5	0.14	94	2.0	0.005	8.0	5	18	3	10	2	25	0.005	5	10	5	0.5	105
RR0227	R94-08	4.8	0.09	255	4	55	2.5	0.15	2.0	5	100	61	2.46	0.03	5	0.01	61	9.0	0.005	5.0	450	176	2.5	10	4	25	0.005	0	4	5	0.5	93
RR0228	R94-08	0.8	0.12	50	1	40	2.5	0.08	56.0	4	109	126	0.97	0.01	5	0.05	67	0.5	0.005	8.0	120	18	2.5	10	2	25	0.005	10	3	5	0.5	4195
RR0229	R94-08	1.2	0.31	60	1	75	2.5	1.21	52.0	6	91	270	2.93	0.03	5	0.38	980	0.5	0.005	5.0	1260	12	2.5	10	21	25	0.005	10	4	5	5.0	3997

1994 LISA NUNATAK ICP RESULTS

NUMBER	LAC SHIP#	AG ppm	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	Y	W	ZN
RR0230	R94-08	1.2	0.16	115	1	55	2.5	0.12	96.0	4	100	359	1.64	0.03	5	0.06	135	0.5	0.005	4.0	80	12	2.5	10	1	25	0.005	20	3	5	0.5	8125
RR0231	R94-08	4.4	0.1	10001	6	25	2.5	0.05	12.0	19	88	157	7.91	0.04	5	0.01	35	0.5	0.005	8.0	70	64	70	10	0	25	0.005	20	2	5	0.5	247
RR0232	R94-08	1.6	0.13	10001	6	50	2.5	0.02	132.0	6	77	43	3.67	0.03	5	0.01	27	0.5	0.005	2.0	160	22	90	10	0	25	0.005	0	3	5	0.5	88
RR0233	R94-08	0.1	0.4	955	6	45	2.5	0.14	2.0	12	68	27	2.7	0.03	5	0.15	111	2.0	0.005	9.0	130	8	2.5	10	4	25	0.005	0	6	5	0.5	54
RR0241	R94-11	0.6	2.29	2.5	8	190	2.5	2.4	3.0	13	16	43	4.76	0.1	5	1.73	2211	0.5	0.01	0.5	1250	40	10	10	84	25	0.005	30	56	5	0.5	199
RR0242	R94-11	0.6	2.73	2.5	8	200	2.5	1.08	0.5	14	23	78	5.35	0.08	5	2.3	1730	0.5	0.02	5.0	1200	14	10	10	26	25	0.005	20	72	5	0.5	111
RR0243	R94-11	0.6	1.56	2.5	6	270	2.5	3.89	2.0	12	28	45	4.18	0.14	5	0.95	3074	0.5	0.005	0.5	1380	12	2.5	10	88	25	0.005	30	25	5	0.5	186
RR0244	R94-11	0.1	2.63	2.5	8	590	2.5	0.92	0.5	14	21	5	4.89	0.1	5	2.09	936	0.5	0.01	3.0	1400	10	10	10	32	25	0.005	20	50	5	0.5	114
RR0245	R94-11	0.4	0.89	10	6	45	2.5	0.01	0.5	7	65	31	3.64	0.04	5	0.76	190	3.0	0.005	9.0	50	8	2.5	10	4	25	0.005	20	13	5	0.5	15
RR0246	R94-11	0.6	1.36	55	6	55	2.5	0.25	0.5	15	26	90	4.05	0.1	5	0.92	388	3.0	0.005	13.0	1090	18	2.5	10	9	25	0.005	20	26	5	0.5	60
RR0247	R94-11	0.2	1.93	2.5	10	155	2.5	1.05	0.5	14	26	116	4.4	0.12	5	1.53	1410	0.5	0.02	3.0	1160	8	10	10	22	25	0.060	20	51	5	0.5	97
RR0248	R94-11	0.1	1.46	2.5	10	80	2.5	1	0.5	11	61	35	2.88	0.06	5	1.15	734	0.5	0.03	0.5	1150	8	10	10	40	25	0.080	0	55	5	0.5	72
RR0249	R94-11	0.1	2.03	2.5	12	185	2.5	2.14	0.5	12	21	65	4.02	0.11	5	1.72	1278	0.5	0.02	0.5	1150	6	15	10	39	25	0.050	10	40	5	0.5	87
RR0250	R94-11	0.4	0.52	2.5	10	320	2.5	3.09	0.5	10	27	34	2.85	0.19	5	0.16	1472	0.5	0.005	0.5	1190	2	2.5	10	24	25	0.005	20	7	5	2.0	31
RR0297	R94-11	0.1	1.72	2.5	8	200	2.5	3.76	8.0	11	14	14	3.48	0.13	5	1.3	947	0.5	0.01	2.0	1120	4	10	10	89	25	0.005	10	24	5	0.5	64
RR0298	R94-14	1	1.85	960	8	80	5.0	2.11	37.0	13	20	125	6.18	0.13	5	0.68	1773	0.5	0.005	5.0	1230	10	15	10	32	25	0.005	5	36	5	0.5	1918
RR0299	R94-14	1.4	1.27	245	8	65	5.0	10.70	3.0	15	16	104	5.13	0.10	5	0.64	2394	2.0	0.005	4.0	1480	26	20	10	217	25	0.005	5	29	5	0.5	120
RR0300	R94-13	4.4	0.16	10001	18	30	5.0	0.05	7.0	13	40	146	12	0.05	5	0.01	81	0.5	0.005	8.0	200	148	50	10	0	25	0.005	30	5	5	0.5	119
RR0301	R94-10	2.4	0.88	5695	10	180	2.5	0.09	52.0	15	42	332	14.3	0.13	5	0.34	568	7.0	0.005	11.0	1100	190	2.5	10	8	25	0.005	40	34	5	0.5	2241
RR0302	R94-10	0.4	1.98	50	8	215	2.5	0.27	0.5	7	20	27	4.62	0.14	5	1.58	601	0.5	0.005	0.5	1350	12	10	10	8	25	0.005	20	37	5	0.5	129
RR0303	R94-10	0.2	2.53	2.5	8	85	10.0	1.33	0.5	12	23	17	5.38	0.11	5	1.52	682	0.5	0.005	6.0	1330	10	10	10	17	25	0.005	10	36	5	0.5	42
RR0304	R94-10	0.8	0.55	185	8	105	2.5	0.26	2.0	20	77	84	5.35	0.09	5	0.11	275	38.0	0.005	37.0	2640	22	2.5	10	56	25	0.005	20	64	5	3.0	262
RR0305	R94-10	1	0.28	25	8	35	2.5	0.03	0.5	6	102	30	1.36	0.02	5	0.12	184	6.0	0.005	9.0	200	4	2.5	60	3	25	0.005	10	12	5	0.5	71
RR0306	R94-10	11.8	1.43	55	8	60	2.5	0.11	2.0	33	39	10001	6.67	0.070	5	0.770	1967	1.0	0.005	16.0	700	10	2.5	10	5	2.5	0.005	30	13	5	3.0	203
RR0307	R94-10	20.2	0.17	815	12	60	2.5	4.42	7.0	106	19	1738	16	0.02	5	0.16	767	0.5	0.005	58.0	5	140	10	10	81	25	0.005	20	2	5	0.5	259
RR0308	R94-10	1.6	2.19	55	8	95	2.5	3.76	2.0	15	18	184	5.15	0.070	5	1.750	2270	0.5	0.020	2.0	1170	48	15	10	79	2.5	0.005	20	72	5	0.5	188
RR0309	R94-10	1.2	2.74	170	6	105	2.5	0.21	9.0	9	96	93	6.81	0.04	5	2.21	1065	11.0	0.005	13.0	560	184	15	10	11	25	0.005	30	63	5	0.5	904
RR0310	R94-10	6	1.63	715	1	45	2.5	0.17	490.0	30	108	1369	12	0.03	5	1.49	578	0.5	0.005	65.0	860	1178	2.5	10	11	25	0.005	40	55	5	0.5	10001
RR0311	R94-10	1	2.37	15	8	220	10.0	1.5	7.0	15	27	63	5.13	0.09	5	1.92	1823	0.5	0.02	0.5	1330	104	15	10	39	25	0.005	20	62	5	0.5	570
RR0312	R94-10	0.4	1.86	20	8	190	2.5	0.95	29.0	10	30	71	4.21	0.13	5	1.35	1224	0.5	0.005	3.0	1340	38	15	10	15	25	0.005	0	32	5	0.5	1434
RR0313	R94-10	0.6	2.17	10	10	140	2.5	3.44	3.0	13	12	59	4.68	0.12	5	1.68	2247	0.5	0.005	0.5	1260	20	10	10	62	25	0.005	30	40	5	0.5	219
RR0314	R94-10	4.4	1.04	1550	10	380	2.5	0.19	13.0	79	64	351	16	0.08	5	0.18	10001	85.0	0.005	200.0	3140	28	25	10	68	25	0.020	130	90	5	0.5	1581
RR0315	R94-10	0.6	2.07	40	12	250	2.5	2.19	4.0	16	21	99	4.4	0.12	5	1.52	1959	3.0	0.005	17.0	1310	14	10	10	36	25	0.005	20	45	5	0.5	298
RR0316	R94-11	0.1	1.36	2.5	20	230	2.5	0.75	0.5	13	43	48	3.24	0.05	5	1.05	599	0.5	0.04	2.0	1200	10	10	10	25	25	0.100	10	66	5	0.5	49
RR0317	R94-11	0.1	1.86	2.5	8	95	2.5	1.9	0.5	13	21	46	4.48	0.09	5	1.7	998	0.5	0.03	0.5	1190	12	15	10	64	25	0.010	20	77	5	0.5	106
RR0318	R94-11	0.2	2.05	2.5	12	190	5.0	2.08	0.5	12	19	50	4.45	0.110	5	1.620	1115	0.5	0.020	0.5	1180	8	10	10	70	2.5	0.005	20	63	5	0.5	66
RR0319	R94-11	0.1	2.58	2.5	10	225	10.0	2.34	0.5	11	15	32	5.59	0.09	5	1.94	1180	0.5	0.02	0.5	1160	8	15	10	59	25	0.005	20	61	5	0.5	168
RR0320	R94-11	0.1	2.22	2.5	12	260	2.5	3.16	0.5	12	18	31	4.72	0.1	5	1.79	1335	0.5	0.02	0.5	1230	8	20	10	98	25	0.010	20	59	5	0.5	64
RR0321	R94-11	0.4	2.4	2.5	10	170	5.0	5.4	0.5	13	10	9	4.85	0.09	5	1.92	2360	0.5	0.02	0.5	1210	6	15	10	361	25	0.005	20	66	5	4.0	58
RR0322	R94-11	0.2	2.09	2.5	10	260	10.0	1.27	2.0	14	18	18	4.87	0.13	5	1.65	1247	0.5	0.005	3.0	1270	8	10	10	25	25	0.005	10	50	5	0.5	241
RR0323	R94-11	0.4	2.18	2.5	8	250	5.0	0.42	3.0	18	6	33	5.11	0.13	5	1.77	1737	0.5	0.005	9.0	1490	18	10	10	11	25	0.005	20	49	5	0.5	440
RR0324	R94-11	1.8	4.85	105	10	120	10.0	0.23	2.0	9	115	61	10.9	0.03	5	5.08	1812	64.0	0.005	31.0	1110	142	10	10	14	25	0.005	30	153	5	0.5	298
RR0325	R94-11	0.1	2.4	2.5	8	155	2.5	0.32	2.0	11	8	46	5.13	0.13	5	1.98	842	0.5	0.005	4.0	1500	14	15	10	6	25	0.005	20	61	5	0.5	179
RR0326	R94-11	0.2	1.07	90	8	35	10.0	1.58	0.5	32	39	9	5.59	0.09	5	0.71	499	0.5	0.005	16.0	910	6	2.5	10	25	25	0.005	20	14	5	0.5	16
RR0327	R94-11	0.8	0.83	150	10	70	2.5	0.62	0.5	19	23	68	4.62	0.1	5	0.5	349	0.5	0.005	7.0	850	10	2.5	10	9	25	0.005	20	12	5	0.5	19
RR0328	R94-11	1.4	0.26	155	6	40	2.5	0.02	0.5	13	142	41	3.52	0.05	5	0.14	81	0.5	0.005	15.0	110	14	2.5	40	3	25	0.005	20	5	5	0.5	22
RR0329	R94-11	1.2	0.18	55	6	70	2.5	0.01	0.5	3	95	51	1.61	0.04	5	0.09	39	3.0	0.005	7.0	80	4	2.5	40	2	25	0.005	10	6	5	0.5	20
RR0330	R94-11	0.6	0.64	50	10	50	5.0	0.07	2.0	10	108	37	3.97	0.05	5	0.25	90	6.0	0.005	43.0	490	12	2.5	20	4	25	0.005	20	14	5	3.0	679
RR0331	R94-11	31	0.31	415	10	50	2.5	0.05	3.0	35	63	5662	13.8	0.03	5	0.25	52	6.0	0.005	52.0	440	12	2.5	10	3	25	0.005	30	26	5	0.5	72

1994 LISA NUNATAK ICP RESULTS

NUMBER	LAC SHIP#	AG ppm	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	Y	W	ZN
RR0332	R94-11	13.2	0.15	150	6	35	15.0	0.01	0.5	36	60	84	10.5	0.09	5	0.01	17	11.0	0.005	84.0	5	204	5	10	2	25	0.005	30	3	5	0.5	50
RR0333	R94-11	2.8	1.15	15	1	55	2.5	1.25	271.0	9	25	249	3.46	0.13	5	1.19	1068	0.5	0.005	24.0	1130	724	2.5	10	28	25	0.005	0	20	5	0.5	10001
RR0334	R94-11	0.2	2.26	2.5	8	165	2.5	3.55	3.0	12	25	26	4.6	0.08	5	1.76	1863	0.5	0.02	0.5	1120	14	20	10	93	25	0.005	20	59	5	0.5	238
RR0335	R94-11	31	0.96	80	4	70	2.5	0.05	3.0	31	26	10001	16	0.05	5	0.69	221	0.5	0.005	38.0	10001	60	2.5	10	4	25	0.005	50	13	5	0.5	370
RR0336	R94-11	20.4	0.55	2465	12	135	2.5	0.04	14.0	40	6	2553	16	0.05	5	0.01	694	0.5	0.005	14.0	580	140	2.5	10	5	25	0.005	100	9	5	0.5	133
RR0337	R94-11	7.6	0.87	545	8	45	2.5	1	4.0	35	85	635	9.57	0.07	5	0.69	123	116.0	0.005	187.0	4470	42	2.5	10	28	25	0.005	40	249	5	7.0	148
RR0338	R94-11	0.2	1.65	2.5	8	180	2.5	2.1	0.5	12	26	54	4.15	0.08	5	1.24	1213	0.5	0.02	2.0	1150	6	10	10	44	25	0.005	10	47	5	0.5	87
RR0339	R94-12	0.4	2.38	920	8	105	2.5	3.83	2.0	14	20	36	4.79	0.06	5	1.75	1325	0.5	0.02	0.5	1210	8	20	10	102	25	0.005	10	72	5	0.5	75
RR0340	R94-12	0.2	3.52	125	8	115	15.0	0.29	0.5	10	55	8	7.65	0.04	5	2.48	542	0.5	0.005	7.0	600	14	5	10	9	25	0.005	20	69	5	0.5	53
RR0341	R94-12	0.4	2.46	50	8	150	10.0	3.35	0.5	13	13	22	4.73	0.07	5	1.86	1610	0.5	0.01	0.5	1150	8	15	10	114	25	0.005	10	53	5	0.5	56
RR0342	R94-13	0.1	0.28	255	18	55	2.5	5.16	0.5	11	31	17	3.98	0.13	5	1.56	1410	0.5	0.005	2.0	1010	2	25	10	74	25	0.005	10	5	5	0.5	73
RR0343	R94-13	2.8	0.32	10001	16	45	2.5	0.54	292.0	36	35	388	16	0.02	5	0.14	434	0.5	0.005	12.0	5	80	310	10	25	25	0.005	40	4	5	0.5	77
RR0344	R94-13	31	0.21	10001	16	45	2.5	0.17	97.0	27	33	1015	16	0.04	5	0.01	40	0.5	0.005	17.0	10	352	145	10	28	25	0.005	40	3	5	0.5	3559
RR0345	R94-13	3.8	0.94	2045	16	90	2.5	0.12	2.0	6	42	73	3.26	0.06	5	0.54	248	11.0	0.005	18.0	730	18	10	10	5	25	0.005	10	55	5	0.5	354
RR0346	R94-13	1.8	0.62	2650	22	160	25.0	0.03	5.0	17	14	168	16	0.08	5	0.01	183	67.0	0.005	18.0	2470	14	2.5	10	1	25	0.005	50	52	5	0.5	186
RR0351	R94-10	0.1	2.15	15	8	105	2.5	1.33	0.5	15	24	58	5.03	0.05	5	1.86	1177	0.5	0.03	3.0	1290	36	20	10	40	25	0.010	20	101	5	0.5	146
RR0352	R94-10	0.4	2.46	2.5	14	200	5.0	1.7	0.5	15	23	51	5.47	0.14	5	1.82	1160	0.5	0.01	2.0	1230	18	10	10	57	25	0.005	20	45	5	0.5	69
RR0353	R94-10	0.4	2.1	2.5	12	155	2.5	2.49	0.5	13	22	46	4.79	0.11	5	1.66	1164	0.5	0.03	0.5	1260	24	15	10	74	25	0.005	0	67	5	0.5	92
RR0354	R94-10	1	1.11	45	10	45	15.0	0.98	0.5	24	25	45	10.7	0.14	5	0.76	771	0.5	0.01	2.0	1000	104	2.5	10	28	25	0.005	30	24	5	0.5	43
RR0355	R94-10	0.6	2.04	2.5	10	150	2.5	3.94	0.5	11	26	33	4.45	0.16	5	1.63	1954	0.5	0.01	0.5	1150	200	20	10	113	25	0.005	20	51	5	0.5	771
RR0356	R94-11	0.1	1.63	50	1	45	2.5	2.19	725.0	19	68	386	6.26	0.04	5	0.87	2396	0.5	0.005	15.0	810	18	2.5	10	30	25	0.005	30	34	5	0.5	10001
RR0357	R94-11	0.4	1.74	2.5	6	90	2.5	3.4	5.0	12	13	47	4.16	0.11	5	1.47	1125	0.5	0.01	0.5	1200	14	15	10	144	25	0.005	20	40	5	0.5	409
RR0358	R94-11	0.1	1.93	2.5	8	105	2.5	1.42	2.0	13	22	49	4.59	0.06	5	1.61	987	0.5	0.03	0.5	1220	8	15	10	38	25	0.005	10	93	5	0.5	149
RR0359	R94-11	0.2	1.97	2.5	6	150	5.0	0.87	2.0	13	11	43	4.45	0.1	5	1.59	1062	0.5	0.02	2.0	1300	14	15	10	24	25	0.020	20	51	5	0.5	184
RR0360	R94-11	0.2	2.16	2.5	10	200	2.5	2.03	0.5	13	13	65	4.35	0.12	5	1.83	1195	0.5	0.01	0.5	1230	10	10	10	71	25	0.005	20	43	5	0.5	76
RR0361	R94-11	0.2	1.87	2.5	6	95	2.5	1.35	0.5	12	12	40	4.69	0.09	5	1.65	1113	0.5	0.02	0.5	1220	6	10	10	32	25	0.005	20	52	5	0.5	63
RR0362	R94-11	0.4	1.99	2.5	8	120	2.5	2.83	4.0	12	12	49	4.19	0.11	5	1.62	987	0.5	0.005	0.5	1230	18	15	10	83	25	0.005	0	37	5	0.5	302
RR0363	R94-11	0.1	2.15	2.5	8	185	2.5	1.89	0.5	13	13	45	4.35	0.1	5	1.87	1142	0.5	0.02	0.5	1210	14	10	10	65	25	0.020	20	61	5	0.5	69
RR0364	R94-11	0.2	1.89	2.5	8	160	2.5	2.93	0.5	12	13	27	4.18	0.13	5	1.45	1190	0.5	0.02	0.5	1180	8	15	10	95	25	0.005	20	39	5	0.5	79
RR0369	R94-13	2.4	0.2	4115	18	95	2.5	0.04	0.5	3	54	54	3.16	0.05	5	0.04	27	0.5	0.005	0.5	420	68	15	10	0	25	0.005	20	3	5	0.5	36
RR0370	R94-13	1.4	0.24	605	16	135	2.5	0.17	0.5	2	48	43	3.37	0.06	5	0.07	119	0.5	0.005	0.5	380	32	5	10	3	25	0.005	20	4	5	0.5	25
RR0371	R94-13	25.2	0.29	10001	12	40	2.5	0.09	246.0	30	46	806	16	0.04	5	0.04	40	0.5	0.005	25.0	180	210	300	10	12	25	0.005	40	4	5	0.5	10001
RR0372	R94-13	2	0.25	2525	18	110	2.5	0.03	2.0	2	46	44	2.13	0.07	5	0.06	18	0.5	0.005	0.5	300	22	10	10	2	25	0.005	10	4	5	0.5	238
RR0373	R94-13	3.8	0.14	10001	16	50	2.5	0.01	27.0	3	66	84	2.34	0.06	5	0.01	12	0.5	0.005	2.0	110	78	35	10	0	25	0.005	10	1	5	0.5	1651
RR0374	R94-13	2.4	0.26	2525	18	60	2.5	2.07	0.5	3	90	164	2.03	0.03	5	0.14	451	0.5	0.005	2.0	150	12	10	10	74	25	0.005	10	5	5	0.5	644

APPENDIX II

LISA NUNATAK

DIAMOND DRILL HOLE LOGS
+ AU ASSAY RESULTS
+ SPERRY SUNS

FOR HOLES

LN94-220, LN94-221, LN94-222

Lac Minerals Ltd.
Red Mountain

LAC

LN94-220

SUMMARY DRILL REPORT

Location Coordinates	
Northing	-2,420.484
Easting	154.804
Elevation	1,580.000

Length & Collar Orientation	
Length	327.66
Azimuth	80.0
Dip	-50.0

Field Location	British Columbia
Casing	1.13
Core Size	
Logged by	Mike Sieb
Checked by	
Mx'n Zone	
Claim Group	ORO1
Map Refer'ce	103P/13W
Region	Skeena Mining Division
Driller	JT Thomas
Assayer	EcoTech Laboratories

Lengths measured in meters

Started	/ /
Completed	/ /
Logged	/ /
Checked	/ /

Comments

Four HBp dykes/sills intersected. Weak mineralization associated with contacts of the dykes and sediments. Further weak mineralization associated with (probable) late cc-qtz veining.

Condensed Log

LN94-220

Interval		Rock Type	Grain size	Modifier
0.00	1.13	Casing		
1.13	7.11	BdT perv fabric def'd by comp'l layering		
71.10	85.49	BHp 2-4%, 1-2mm hexagonal bio	mT	
85.49	125.16	BdT 1-2% fg dissem + vfg bdg controlled py		
125.16	217.43	BHp		
217.43	228.37	BdT carbonaceous, 2-4% fg py		
228.37	251.28	BHp carb stained, 1% py		
251.28	261.67	BdT v carbonaceous, 2% vfg bd par py		
279.90	327.66	BdT		
327.66	327.66	EOH		

Lac Minerals Ltd.
Red Mountain
LISA V

LAC

DRILL LOG
GEOLOGY DESCRIPTION

LN94-220

Lengths measured in meters

Logged by: Mike Sieb / /	Northing	-2,420.484	Length 327.66
Checked by: / /	Easting	154.804	Dip -50.0
	Elevation	1,580.000	Az 80.0

Geology Description

LN94-220

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
0.00	1.13	**Casing**		A
1.13	7.11	**BdT**		A
		perv fabric def'd by comp'l layering LITHOLOGY: A light to dark grey mm to cm scale banded variably and often strongly carbonaceous unit with occasional breccia texture. ALTERATION: K-spar stain approximately 0°, 25-75 cc +/- Fe-carb +/- quartz veins to 5 mm per metre. Minor porc texture selective to some bands and patchy weak porc texture. MINERALIZATION: Variably distributed, bedding controlled fine grained py, occasionaly < 1-2 mm dissem cubic py. Rare sulfide elongate sulfide clasts to 1 cm. STRUCTURE: Pervasive fabric defined by compositional layering. Strong lineation on fracture surface. LC: In zone of foliated breccia texture at 55°. COMMENT: Strong banding defined by compositional layering probably remnant bedding. This unit is very distinctive because of this banding. Character of sediments changes at approximately 25 m, becomes soften and light grey green (ser or argillic alteration).		
10.00	11.00			B
		bdg @ 55° STRUCTURE: Bedding at 55°.		
16.00	17.00			B
		bdg @ 55° STRUCTURE: Bedding at 55°.		
20.50	21.00			B
		90% 1-5 cm BC, 10% rbl @ 60° STRUCTURE: 90% 1-5 cm broken core, 10% rubble at 60°.		
24.00	25.00			B
		bdg @ 50° STRUCTURE: Bedding at 50°.		
32.02	32.05			C
		STRUCTURE: 1 cm gouge at 60°.		
32.92	35.70			B
		80%,1-7 cm BC, 20% rbl @ 70° STRUCTURE: 80% 1-7 cm broken core, 20% rubble at 70°.		

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
38.60	42.00				B
		75% 1-5 BC, 15% >5 cm core, 10% rbl, BC @ angles parallel to bdg @ 60°			
		STRUCTURE: 75% 1-5 cm broken core, 15% >5 cm core, 10% rubble. Broken core at angles parallel to bedding at 60°.			
38.60	38.71				C
		STRUCTURE: 10cm rubble, 1cm gouge at 55°			
45.11	47.80				B
		STRUCTURE: 85% 1-5 cm broken core, 15% rubble. Broken core parallel to bedding at 55°.			
49.80	52.12	qtz vn			B
		LITHOLOGY: Weak lim stain 1% py + cpy? Trace malachite. UC: Parallel to bedding at 65°. LC: Broken core.			
52.12	52.50				B
		50% rbl, 50% BC @ 65°			
		STRUCTURE: 50% rubble, 50% broken core at 65°.			
55.00	56.00				B
		bdg @ 55°			
		STRUCTURE: Bedding at 55°.			
60.00	61.00				B
		bdg @ 45°			
		STRUCTURE: Bedding at 45°.			
66.30	66.45				B
		70% BC, 30% rbl @ 70°			
		STRUCTURE: 70% broken core, 30% rubble at 70°.			
67.15	69.55	SZ			B
		90 cm missing core, 40% rbl, 50% 1-5 cm BC @ 50°			
		STRUCTURE: 90 cm missing core. 40% rubble, 50% 1-5 cm broken core at 50°.			
71.10	85.49	BHp	mT		A
		2-4%, 1-2mm hexagonal bio			
		LITHOLOGY: 2-4%, 1-2mm hexagonal biotite. MINERALIZATION: 1-2% dissem py. A light grey green moderately foliated unit. Foliation defined by pressure shadows on py grains and alignment of ser after 1-3 mm hb. ALTERATION: Strong light green ser after hb and ser in matrix; K-spar stain = 0. STRUCTURE: weak to moderate lineation of biotite and ser after hb. LC: sharp at 65°			
84.26	84.41	QTZ			B
		LITHOLOGY: White quartz vein, minor lim stain. UC: At 15°. LC: At 65°.			
85.49	125.16	BdT			A
		1-2% fg dissem + vfg bdg controlled py			
		LITHOLOGY: Similar to DAP: 1.13-71.10m, but black +/- grey and carbonaceous BdT throughout. COMMENT: Black thin bedded carbonaceous cherts. LC: Sharp at 55°. MINERALIZATION: 1-2% fine grained dissem and very fine grained bedding controlled py. Occasional 1-2 cm band semimassive medium grained py.			
		STRUCTURE: Bedding 55° to 75°.			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
87.40	88.20	QTZ vn LITHOLOGY: Massive white quartz vein breccia at 5° to core axis.		B
88.50	92.50	*tr-1% sph vnlts assoc w/ irreg 1-5 cm qtz vn bx* MINERALIZATION: Trace to 1% sph veinlets associated with irregular 1-5 cm quartz vein breccias.		B
93.30	93.60	*30 cm rbl & crushed core @ 60°* STRUCTURE: 30 cm rubble and crushed core at 60°.		B
99.17	99.29	*three 1-3 cm bands msv 70% py, 30% red sph @ 55°* MINERALIZATION: three 1-3 cm bands massive 70% py, 30% red sph at 55°.		B
114.50	115.00	*irreg tan Fe-carb vn bx + Fe-carb stringers* STRUCTURE: Irregular tan Fe-carb vein breccia and Fe-carb stringers.		B
121.00	122.00	*bdg @ 45° in blk mm lam carb cherts* STRUCTURE: Bedding at 45° in black mm laminated carbonaceous cherts.		B
123.50	125.16	*2-3% dissem & irreg 1-4cm smsv bdg controlled py bands* MINERALIZATION: 2-3% dissem and irregular 1-4 cm semimassive bedding controlled py bands.		B
125.16	217.43	BHp Similar to DAP: 71.10 to 85.49m STRUCTURE: Not as well lineated as DAP 71.10-85.49m; 5-20 0.5 to 30 cm quartz veins per metre Mostly between 25-50°. COMMENT: Quartz veins probably late - not foliated. Variable metre scale intervals of dark grey vs light grey intervals, probably reflects carbon leached out of very carbonaceous sediments that lay above and below this body. Colour may also reflect chlorite alteration. LC: At 10° in footwall of 30 cm white cc quartz vein breccia.		A
143.55	148.44	*wk SZ, 1-10cm BC, mnr rbl @ 55° & 30°* STRUCTURE: Weak shear zone. 1-10 cm broken core, minor rubble at 55° and 30°. ALTERATION: Minor lim stain. 5 cm of mud. Possible gouge.		B
150.00	157.00	*fol @ 40°* STRUCTURE: Foliation at 40°.		B
167.00	168.00	*fol @ 40°* STRUCTURE: Foliation at 40°.		B
168.95	169.04	STRUCTURE: Weak shear zone with broken core minor lim trace gouge at 20°.		B

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
178.00	179.00				B
		wk fol @ 40° STRUCTURE: Weak foliation at 40°.			
180.00	181.00				B
		fol @ 40° STRUCTURE: Foliation at 40°.			
186.56	186.60				C
		4 cm cc vein at 50°. Comment: This vein is the largest of 10-20 per metre cc and Fe-carb veins in an interval 15m below and 15m above. Most veins parallel to foliation and <1 cm.			
196.20	196.21				C
		1 cm cc vein with 5% sph and 0.5% cpy at 40°.			
200.00	208.00				B
		10% perv v irreg Fe-carb vng of core, largest vn to 10cm ALTERATION: 10% pervasive very irregular Fe-carb veining. Largest vein to 10 cm.			
210.95	211.23				B
		STRUCTURE: Weakly foliated quartz-cc vein at 20°.			
211.94	212.46	BdT			B
		v blk carb <1% py ALTERATION: 5-7% irregular Fe-carb +/- cc veinlets. UC: sharp at 40° LC: sharp at 35° UC in footwall of 30cm; pervasive qtz cc veining at 40° LC: Marked by appearance of breccia texture with BHp fragments in black carbonaceous sediment matrix. LC: At 35°.			
213.46	217.10	BHp			B
		bx texture, 1-3% py LITHOLOGY: Carbon stained. BHp often with breccia texture BHp fragments in black carbonaceous sediment matrix. Angular fragments to 3 cm. LC: At 217.15m in hanging wall of quartz cc vein at 35°. COMMENT: Unit of intrusive breccia.			
217.43	228.37	BdT			A
		carbonaceous, 2-4% fg py MINERALIZATION: 2-4%, fine grained py. LITHOLOGY: Carbonaceous. A mm to cm scale bedded, frequently synsedimentrally? deformed with breccia texture. Colour mostly black with banded light grey laminae. STRUCTURE: 100 to 200 mm to cm scale irregular cc and Fe-carb vein per metre. LC: Foliated at 40° - marked by appearance of 1-3 mm biotite in black carbon stain matrix.			
228.37	251.28	BHp			A
		carb stained, 1% py DAP: 125.16-217.43 m. STRUCTURE: 20 per metre, 0.5-10 cm white quartz veins at 30° to 60°. LC: Sharp at 20°.			
238.40	239.70				B
		wht qtz vn w/ strong vn bx text w/ BHp +/- fT frags STRUCTURE: White quartz vein with strong vein breccia texture with BHp +/- fT fragments. MINERALIZATION: <1% dissem py. UC: Irregular at 30°. LC: Irregular at 20°.			

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
250.50	251.28			B
		2-3% dissem mg py w/ tr sph MINERALIZATION: 2-3% dissem medium grained py with trace sph.		
251.28	261.67	**BdT**		A
		v carbonaceous, 2% vfg bd par py DAP: 217.43-228.37m except STRUCTURE: Patchy pervasive mostly bed parallel <0.5 cm cc veins. Larger quartz cc veins 10 cm to 1.5 m. LC: Sharp at 45° in hanging wall of 1m quartz cc vein.		
255.90	257.35	**cc-qtz vn**		B
		wht cc-qtz vn w/ 10% blk BdT frags which often display stylolitic texture MINERALIZATION: trace to 1% py, trace sph UC: 55° LC: 25°		
259.20	259.38	**cc vn**		B
		18cm msv wht cc vn @ 45°, typical of vns in this unit		
259.90	260.50	**cc vn**		B
		15 cm msv wht cc vn @ 45°		
261.37	279.90	**BHp**		B
		DAP: 228.37-251.28 m except STRUCTURE: 5-10, 0.5 to 5cm cc veins per metre. LC: Sharp at 40°.		
261.40	262.48	**cc vn**		B
		wht cc vn w/ BHp & BdT? frags displaying a stylolitic texture UC: At 45°. LC: Irregular.		
279.90	327.66	**BdT**		A
		Very similar to DAP: 1.13 to 71.10m. COMMENT: The large intervals of sediments at the top and bottom of the hole seem more deformed than the smaller intervals between the dyke/sills. LC: EOH.		
280.68	283.72			B
		2.1m miss core, interval of <5 cm BC & 90% rbl @ 60° STRUCTURE: 2.1 m missing core. Interval of <5 cm broken core and 90% rubble at 60°.		
288.00	289.00			B
		disrupted bdg between 0-40° STRUCTURE: Disrupted bedding between 0-40°.		
308.00	309.00			B
		bdg @ 40° STRUCTURE: Bedding at 40°.		
313.00	314.00			B
		bdg @ 55° STRUCTURE: Bedding at 55°.		
327.66	327.66	**EOH**		A

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DRILL LOG
MINERALIZATION & SAMPLING

LN94-220

Lengths measured in meters

Logged by: Mike Sieb / /	Northing	*,***.***	Length 327.66
Checked by: / /	Easting	154.804	Azimuth 080.0
	Elevation	1,580.000	Dip -50.0

LN94-220

MINERALIZATION

From	To	Aspy	Cpy	Galena	Py	Po	Sph						
29.00	30.50				1.5								
51.80	52.10		0.5		1.0								
52.65	54.00				1.0								
70.50	72.00				2.0								
72.00	73.50				2.0								
78.53	78.83				6.0								
76.40	77.60				1.0								
78.83	80.33				2.0								
82.95	84.45				2.0								
84.45	85.50				1.0								
0.00	0.00												
85.50	87.00				2.0								
87.48	88.80				2.0								
88.80	90.30				1.5		0.5						
90.30	90.80				17.0		0.5						
90.80	92.30				2.0		0.5						
97.65	99.15				2.0								
99.15	99.45				45.0		15.0						
99.45	100.95				2.0								
108.00	109.50				2.5								

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC35171	A I W	fg py in weakly argillitic altered BdT
RMC35172	A I	qtz vein in seds py malachite
RMC35173	A I W	fg py in strong argillitic altered BdT
RMC35174	A I	fg py in contact with BdT and FHxl
RMC35175	A I	fg py in HBp
RMC35176	A I	fg dissem py
RMC35150	A I W	dissem py HBp
RMC35177	A I	dissem py
RMC35178	A I	dissem py
RMC35179	A I	dissem py hanging wall of contact (HBp)
RMC35180	A I	Standard #4
RMC35181	A I	footwall of contact (seds)
RMC35182	A I	fg bed parallel py
RMC35183	A I	fg bed parallel py dissem sph
RMC35184	A I	fg bed parallel py dissem sph
RMC35185	A I	fg bed parallel py dissem sph
RMC35186	A I W	fg bed parallel py in BdT
RMC35187	A I	10cm band 70% cg py 30% sph
RMC35188	A I	fg bed parallel py
RMC35189	A I	fg bed parallel 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
121.00	121.65				3.5									RMC35190	A I	fg bed parallel py
123.65	125.15				3.0									RMC35191	A I	fg bed parallel py
125.15	126.65				1.0									RMC35192	A I	dissem py
135.60	137.10				0.5									RMC35193	A I W	dissem py in BHp
143.40	144.90				1.0									RMC35194	A I	dissem py weak shear zone with gouge
144.90	146.40				1.0									RMC35195	A I	dissem py lim stain
146.40	147.90				1.0									RMC35196	A I	shear zone 1cm dissem py
152.20	153.15				1.0									RMC35197	A I W	BHp with dissem py
172.50	174.00				0.5									RMC35198	A I W	BHp with <1% dissem py
195.00	196.50				0.5									RMC35199	A I W	BHp with <1% dissem py
0.00	0.00													RMC35200	A I	Standard #3
211.00	212.00				2.5									RMC35201	A I	dissem and fiff py contact at 211.95m
212.00	213.46				2.5									RMC35202	A I	dissem and fiff py contact at 211.95m
213.46	214.42				2.5									RMC35203	A I	dissem matrix py in intrusive breccia
214.42	216.17				1.5									RMC35204	A I	dissem py
216.17	217.43				2.5									RMC35205	A I	intrusive breccia matrix py
217.43	219.00				2.0									RMC35206	A I	bed parallel py
219.00	220.50				1.5									RMC35207	A I	bed parallel py
220.50	222.00				1.5									RMC35208	A I	bed parallel py
222.00	223.50				3.0									RMC35209	A I	bed parallel py
223.30	223.70				15.0									RMC35210	A I	bed parallel py
223.70	225.20				2.0									RMC35211	A I	bed parallel py
228.37	229.70				2.5									RMC35213	A I	dissem py in BHp
249.00	250.50				2.5									RMC35215	A I	mg py
250.50	251.28				2.5		0.5							RMC35216	A I	dissem py sph
251.28	252.78				1.5									RMC35217	A I	fg bed parallel py
255.90	257.35				1.0		0.5							RMC35218	A I	dissem py sph
261.10	261.67				4.0									RMC35219	A I	bedding parallel 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
0.00	0.00											RMC35220	A I	Standard #1
261.67	262.50				0.5		0.3					RMC35221	A I	cc vein
262.50	263.60				4.0							RMC35222	A I	dissem py
264.00	265.15				2.5							RMC35223	A I	dissem py
277.15	278.10				0.5							RMC35224	A I W	dissem py
278.40	279.90				2.5							RMC35225	A I	BHp dissem py in hanging wall of contact
227.10	228.37				1.0							RMC35212	A I W	black carbonaceous bedding parallel py
241.30	242.13				1.0							RMC35214	A I W	dissem py in BHp
279.90	281.21				1.0							RMC35226	A I	BdT dissem py footwall of contact
289.00	290.00				2.5							RMC35227	A I	bedding parallel py
299.00	300.50				1.0							RMC35228	A I W	bedding parallel py in BdT
314.90	316.40				2.5							RMC35229	A I	bedding parallel py in BdT
317.50	317.90				4.5							RMC35230	A I	bedding parallel py in BdT
326.14	327.43				1.0							RMC35231	A I W	bedding parallel py in BdT

Lac Minerals Ltd.

Red Mountain
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DRILL HOLE SAMPLE\ASSAY SUMMARY

LN94-220

Length measure: meters

Samples & Assays

From	To	Length	Sample ID	Type(s)*	Sample Description	LN94-220 Au† [gram/tonne]	Ag†
0.00	0.00	0.00	RMC35180	A I	Standard #4	0.00	0.00
0.00	0.00	0.00	RMC35200	A I	Standard #3	0.00	0.00
0.00	0.00	0.00	RMC35220	A I	Standard #1	0.00	0.00
29.00	30.50	1.50	RMC35171	A I W	fg py in weakly argillitic altered BdT	0.02	0.00 ETS
51.80	52.10	0.30	RMC35172	A I	qtz vein in seds py malachite	0.02	0.00 ETS
52.65	54.00	1.35	RMC35173	A I W	fg py in strong argillitic altered BdT	0.45	0.00 ETS
70.50	72.00	1.50	RMC35174	A I	fg py in contact with BdT and FHxl	0.02	0.00 ETS
72.00	73.50	1.50	RMC35175	A I	fg py in HBp	0.02	0.00 ETS
76.40	77.60	1.20	RMC35150	A I W	dissem py HBp	0.02	0.00 ETS
78.53	78.83	0.30	RMC35176	A I	fg dissem py	0.02	0.00 ETS
78.83	80.33	1.50	RMC35177	A I	dissem py	0.02	0.00 ETS
82.95	84.45	1.50	RMC35178	A I	dissem py	0.02	0.00 ETS
84.45	85.50	1.05	RMC35179	A I	dissem py hanging wall of contact (HBp)	0.02	0.00 ETS
85.50	87.00	1.50	RMC35181	A I	footwall of contact (seds)	0.02	0.00 ETS
87.48	88.80	1.32	RMC35182	A I	fg bed parallel py	0.03	0.00 ETS
88.80	90.30	1.50	RMC35183	A I	fg bed parallel py dissem sph	0.04	0.00 ETS
90.30	90.80	0.50	RMC35184	A I	fg bed parallel py dissem sph	0.86	0.00 ETS
90.80	92.30	1.50	RMC35185	A I	fg bed parallel py dissem sph	0.02	0.00 ETS
97.65	99.15	1.50	RMC35186	A I W	fg bed parallel py in BdT	0.02	0.00 ETS
99.15	99.45	0.30	RMC35187	A I	10cm band 70% cg py 30% sph	0.87	0.00 ETS
99.45	100.95	1.50	RMC35188	A I	fg bed parallel py	0.10	0.00 ETS
108.00	109.50	1.50	RMC35189	A I	fg bed parallel py	0.07	0.00 ETS
121.00	121.65	0.65	RMC35190	A I	fg bed parallel py	0.02	0.00 ETS
123.65	125.15	1.50	RMC35191	A I	fg bed parallel py	0.23	0.00 ETS
125.15	126.65	1.50	RMC35192	A I	dissem py	0.09	0.00 ETS
135.60	137.10	1.50	RMC35193	A I W	dissem py in BHp	0.04	0.00 ETS
143.40	144.90	1.50	RMC35194	A I	dissem py weak shear zone with gouge	0.02	0.00 ETS
144.90	146.40	1.50	RMC35195	A I	dissem py lim stain	0.02	0.00 ETS
146.40	147.90	1.50	RMC35196	A I	shear zone 1cm dissem py	0.02	0.00 ETS
152.20	153.15	0.95	RMC35197	A I W	BHp with dissem py	0.02	0.00 ETS
172.50	174.00	1.50	RMC35198	A I W	BHp with <1% dissem py	0.02	0.00 ETS
195.00	196.50	1.50	RMC35199	A I W	BHp with <1% dissem py	0.02	0.00 ETS
211.00	212.00	1.00	RMC35201	A I	dissem and fiff py contact at 211.95m	0.02	0.00 ETS
212.00	213.46	1.46	RMC35202	A I	dissem and fiff py contact at 211.95m	0.04	0.00 ETS
213.46	214.42	0.96	RMC35203	A I	dissem matrix py in intrusive breccia	0.02	0.00 ETS
214.42	216.17	1.75	RMC35204	A I	dissem py	0.02	0.00 ETS
216.17	217.43	1.26	RMC35205	A I	intrusive breccia matrix py	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

LN94-220

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†
217.43	219.00	1.57	RMC35206	A I	bed parallel py	0.02	0.00 ETS
219.00	220.50	1.50	RMC35207	A I	bed parallel py	0.02	0.00 ETS
220.50	222.00	1.50	RMC35208	A I	bed parallel py	0.02	0.00 ETS
222.00	223.50	1.50	RMC35209	A I	bed parallel py	0.02	0.00 ETS
223.30	223.70	0.40	RMC35210	A I	bed parallel py	0.02	0.00 ETS
223.70	225.20	1.50	RMC35211	A I	bed parallel py	0.02	0.00 ETS
227.10	228.37	1.27	RMC35212	A I W	black carbonaceous bedding parallel py	0.02	0.00 ETS
228.37	229.70	1.33	RMC35213	A I	dissem py in BHp	0.02	0.00 ETS
241.30	242.13	0.83	RMC35214	A I W	dissem py in BHp	0.02	0.00 ETS
249.00	250.50	1.50	RMC35215	A I	mg py	0.02	0.00 ETS
250.50	251.28	0.78	RMC35216	A I	dissem py sph	0.02	0.00 ETS
251.28	252.78	1.50	RMC35217	A I	fg bed parallel py	0.02	0.00 ETS
255.90	257.35	1.45	RMC35218	A I	dissem py sph	0.02	0.00 ETS
261.10	261.67	0.57	RMC35219	A I	bedding parallel py	0.02	0.00 ETS
261.67	262.50	0.83	RMC35221	A I	cc vein	0.02	0.00 ETS
262.50	263.60	1.10	RMC35222	A I	dissem py	0.02	0.00 ETS
264.00	265.15	1.15	RMC35223	A I	dissem py	0.02	0.00 ETS
277.15	278.10	0.95	RMC35224	A I W	dissem py	0.02	0.00 ETS
278.40	279.90	1.50	RMC35225	A I	BHp dissem py in hanging wall of contact	0.02	0.00 ETS
279.90	281.21	1.31	RMC35226	A I	BdT dissem py footwall of contact	0.02	0.00 ETS
289.00	290.00	1.00	RMC35227	A I	bedding parallel py	0.02	0.00 ETS
299.00	300.50	1.50	RMC35228	A I W	bedding parallel py in BdT	0.02	0.00 ETS
314.90	316.40	1.50	RMC35229	A I	bedding parallel py in BdT	0.02	0.00 ETS
317.50	317.90	0.40	RMC35230	A I	bedding parallel py in BdT	0.02	0.00 ETS
326.14	327.43	1.29	RMC35231	A I W	bedding parallel py in 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.
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DRILL LOG
DOWN-HOLE SURVEY

LN94-220

Lengths measured in meters

Logged by: Mike Sieb	/ /	Northing	*,***,***
Checked by:	/ /	Easting	154.804
		Elevation	1,580.000
		Length	327.66
		Azimuth	080.0
		Dip	-50.0

DOWN-HOLE SURVEYs

LN94-220

Depth	Dip°	Az°	Note
0.00	-49.00	080.50	
15.24	-49.00	080.50	
60.96	-47.00	082.50	
121.92	-43.50	083.50	
182.88	-42.00	087.00	
304.80	-35.50	086.00	
326.14	-34.50	087.50	
243.84	-39.00	087.00	

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LN94-221

SUMMARY DRILL REPORT

Location Coordinates	
Northing	-2,650.294
Easting	-195.214
Elevation	1,631.000

Length & Collar Orientation	
Length	159.72
Azimuth	35.0
Dip	-50.0

Field Location	British Columbia	Lengths measured in meters	
Casing	2.43	Started	/ /
Core Size		Completed	/ /
Logged by	Mike Sieb	Logged	25/11/94
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

Collared in sediments and drilled through small (35m) BHp unit. Lower BHp-sed contact moderately mineralized. Expect 7g/t assays from 41.3 to 42.18m. Additional mineralization between 96m and 100m in the form of laminated foliated very fine grained py.

Condensed Log

Grain size

LN94-221

Interval		Rock Type	Modifier
0.00	2.43	Casing	
2.43	4.66	BdT	banded bx texture, 1% py
4.66	40.58	FHBp	strong ser alt'n
40.58	122.50	BdT	compositionally banded, 1-4% vns & bdg controlled py
122.50	141.50		med-lt grn lam seds
159.72	159.72	EOH	
141.50	159.72	BdT	compositionally banded, 1% py vnlts & bdg parallel laminated py

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Red Mountain
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DRILL LOG
GEOLOGY DESCRIPTION

LN94-221

Lengths measured in meters

Logged by: Mike Sieb	25/11/94		
Checked by:	/ /		

Northing	-2,650.294	Length	159.72
Easting	-195.214	Dip	-50.0
Elevation	1,631.000	Az	35.0

Geology Description

LN94-221

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
0.00	2.43	**Casing**		A
2.43	4.66	**BdT**		A
		banded bx texture, 1% py		
		MINERALIZATION: 1% py LITHOLOGY: banded breccia texture, a mm to cm scale banded light to medium grey. ALTERATION: Fracture and bed controlled lim stain. Patchy weak porcelanous texture. STRUCTURE: Bedding at 55°, 20-50 irregular cc veins per metre. LC: Sharp at 60°, 10 cm white vuggy irregular cc vein in hanging wall of contact. COMMENT: LC looks igneous.		
4.66	40.58	**FHBp**		A
		strong ser alt'n		
		MINERALIZATION: 1-2% medium grained dissem py, occasionally py after hexagonal biotite. LITHOLOGY: A light grey to medium dark grey with carbon leached from sediments. Unit with occasional breccia texture defined by blk chl matrix. Occasional <3 cm rounded xenoliths with FHxl mineralology. 35% acicular <1.5 mm ser after hb. Locally 1-3% biotite. STRUCTURE: Patchy 5-100 mm scale irregular Fe-carb veinlets per metre. Occasional 1-4 cm cc, quartz cc or Fe-carb veins. Mostly at 45-60°. Moderate foliation defined by alignment of hb. Hornblende crystals also define a lineation. ALTERATION: Strong ser after hb. Weak to moderate cc alteration. LC: Sharp at 20° in hanging wall of 30 cm quartz cc vein breccia.		
4.66	5.90	**FH**		B
		LITHOLOGY: Fine grained equi-granular phase of unit DAP: 2.43 to 4.66m.		
10.15	11.20	**FZ or SZ**		B
		20 cm missing core		
		ALTERATION: Strong lim stain. STRUCTURE: 15% BC and rubble at 30°. 20cm missing core		
18.00	19.00			B
		fol @ 40°		
		STRUCTURE: Foliation at 40°.		
20.13	20.18			C
		Quartz-cc vein with foliated hanging wall and weak vein breccia texture at 75°.		
20.64	20.76			C
		Quartz-cc vein with weak foliated footwall at 45°. Hanging wall at 60°.		

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
25.33	26.10	qtz-cc vn LITHOLOGY: A white vein with strong vein breccia texture incorporating wall rock and quartz fragments. ALTERATION: Minor lim stain especially on fractures. Large (12-15m) intervals of very black pyritic sediments and light green less pyritic sediments. Hanging wall at 45°. Footwall at 10°. COMMENT: Cc matrix to quartz fragments. COMMENT: cc is late stage. Seeming devoid of mineralization.		B
34.00	35.00	*fol @ 50°* STRUCTURE: Foliated at 50°.		B
37.00	38.00	*fol @ 50°* STRUCTURE: Foliated at 55°.		B
39.21	40.58	*strong bx texture w/ hetero frags* COMMENT: Intrusive breccia modified by structural deformation. UC: At 65°.		B
39.23	39.26	gouge at 70°		C
39.26	39.37	Breccia or pebble dyke. Heterolithic rounded white to dark grey fT and FHxl fragments to 3 cm at 65°.		C
39.39	39.83	Quartz vein with cc and Fe-carb in matrix of vein breccia texture. UC: At 60°. LC At 55°.		C
40.28	40.40	vuggy qtz vein with Fe-carb in matrix of vein breccia texture UC at 35° LC at 40°		C
40.58	122.50	BdT *compositionally banded, 1-4% vns & bdg controlled py* MINERALIZATION: 1-4% veins plus bedding controlled by py. LITHOLOGY: Pervasive fabric defined by compositional banding. Moderately to strongly carbonaceous, often breccia textured bedded unit. STRUCTURE: Patchy pervasive cc and Fe-carb veinlets, 50 to 200 per metre. Strong lineation on fracture surfaces. ALTERATION: K-spar zero. Patchy weak to moderate porcelaneous texture. LC: gradational with light green laminated sediments.		A
40.58	41.50	*perv qtz+ Fe-carb vng & bx texture* LITHOLOGY: Quartz and bedded fractures to 3 cm - fragments rounded to subangular. MINERALIZATION: 4-5% fine grained py.		B
41.50	42.66	*4-7% f-cg,1-2cm py vns & fg dissem bd parallel py* MINERALIZATION: 4-7% fine to coarse grained 1-2 cm py veins and fine grained dissem bed parallel py.		B
51.70	52.10	*80% 1-5cm strgly slickensided BC, 20% rbl @ 70°* STRUCTURE: 80% 1-5 cm strongly slickensided broken core, 20% rubble at 70°.		B

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier
57.91	60.96			B
		STRUCTURE: 30% broken core, 5% rubble - possible weak SZ at 15°.		
61.00	62.00			B
		bdg at 5°		
		STRUCTURE: Bedding at 5°.		
76.50	77.20			B
		BC, 20 cm missing core, 15 cm blk carbonaceous GO @ 70°		
		STRUCTURE: Broken core, 20 cm missing core, 15 cm black carbonaceous gouge at 70°.		
81.00	82.00			B
		bdg @ 20°		
		STRUCTURE: Bedding at 20°.		
82.90	82.90			B
		7-10% f-mg irreg py vns+dissem py		
		MINERALIZATION: 7-10% fine to medium grained irregular py veins and dissem py. UC and LC: Gradational.		
86.80	87.05	qtz cc vn		B
		vn bx texture		
		UC: At 25°. LC: At 85°.		
87.05	88.34	SZ		B
		1-10 cm BC, 10% rbl, mnr GO @45°		
88.39	96.00			B
		v blk carb 4-5% vf py lam'd in BdT		
		ALTERATION/MINERALIZATION: Very black carbonaceous 4-5% very fine laminated py in BdT. STRUCTURE: Bedding 0-45°, mostly low angle.		
96.00	99.50			B
		6-8% vfg lam py + py in mx of bx texture		
		MINERALIZATION: 6-8% very fine grained laminae py and py in matrix of breccia texture.		
97.35	98.05			C
		MINERALIZATION: 30% strongly foliated and laminated fine grained py and coarse grained blebs py in matrix of breccia texture, foliated at 20°.		
99.27	99.50			C
		MINERALIZATION: 30% fine grained py in matrix of breccia texture. UC: Foliated at 50°. LC: Gradational.		
101.90	114.00			B
		35% blocky 1-10cm BC w/ mod lim stain on fracs, BC ang 0-20°, 5-7% rbl		
		STRUCTURE: 35% blocky 1-10cm broken core with moderate lim stain on fractures, broken core angle 0-20°, 5-7% rubble.		
107.00	108.00			C
		bdg @ 20°		
		STRUCTURE: Bedding at 20°.		

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
114.00	115.00				B
		bdg @ 10° STRUCTURE: Bedding at 10°.			
122.50	141.50				A
		med-lt grn lam seds DAP: 40.58-122.5m ALTERATION: Medium to light green laminated sediments. COMMENTS: Green colour could be chl or ser or oxidation state of iron. Laminae are generally soft. Probably sericitic or argillic alteration. LC: gradational.			
129.00	130.00				C
		bdg @ 25° STRUCTURE: Bedding at 25°.			
133.00	134.00				B
		bdg @ 40° STRUCTURE: Bedding at 40°.			
141.00	142.00				B
		bdg @ 55° STRUCTURE: Bedding at 55°.			
141.50	159.72	**BdT**			A
		compositionally banded, 1% py vnlts & bdg parallel laminated py DAP: 40.58-122.5m. LC: EOH.			
143.80	144.20				B
		80% BC, 20% rbl @ 25° STRUCTURE: 80% broken core, 20% rubble at 25°.			
151.00	152.00				B
		bdg @ 50° STRUCTURE: Bedding at 50°.			
153.00	159.72				B
		50% blocky 1-5cm BC, 10% rbl @ 80°, mod lim stained fracs STRUCTURE: 50% blocky 1-5 cm broken core, 10% rubble at 80°. Moderate lim stained fractures.			
159.72	159.72	**EOH**			A

Lac Minerals Ltd.
Red Mountain
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DRILL LOG
MINERALIZATION & SAMPLING

LN94-221

Lengths measured in meters

Logged by: Mike Sieb	25/11/94	Northing	*,***.***
Checked by:	/ /	Easting	-195.214
		Elevation	1,631.000
		Length	159.72
		Azimuth	035.0
		Dip	-50.0

LN94-221

MINERALIZATION

From	To	AsPy	Cpy	Galena	Py	Po	Sph						
2.43	3.70				1.0								
3.70	4.66				1.0								
4.66	6.00				1.0								
6.40	7.90				1.0								
23.02	24.57				1.0								
25.32	26.90				1.0								
36.00	37.50				1.0								
37.50	39.00				1.5								
0.00	0.00												
39.00	40.50				3.0								
40.50	41.30				1.5								
41.30	42.18				6.0								
42.18	42.65				7.0								
42.65	44.15				2.0								
44.15	44.90				3.5								
44.90	46.40				2.5								
46.40	47.90				2.5								
47.90	49.40				3.5								
54.25	55.90				2.0								
64.00	65.50				2.5								

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC35232	A I	dissem py in BdT
RMC35233	A I	dissem py - hanging wall of sed/FHxl contact
RMC35234	A I	dissem py in FHBp
RMC35235	A I W	1% biotite dissem py in FHBP
RMC35236	A I W	dissem py no veins in FHBp
RMC35237	A I	dissem py qtz and cc vein with breccia texture
RMC35238	A I	dissem py
RMC35239	A I	dissem py lim and Fe-carb alt'n
RMC35240	A I	Standard #2
RMC35241	A I	dissem py, breccia texture 40cm qtz and cc
RMC35242	A I	dissem py, qtz veining with breccia texture BdT
RMC35243	A I	fg bed parallel py
RMC35244	A I	f to cg bed parallel py with cg py vein
RMC35245	A I	fg bed parallel py with 1cm cg vein
RMC35246	A I	fg bed parallel py
RMC35247	A I	fg bed parallel py
RMC35248	A I	fg bed parallel py
RMC35249	A I	bed parallel py with blebs py
RMC35250	A I	bed parallel py
RMC35251	A I	bed parallel py black carbonaceous

rev010693

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
69.15	70.65				2.5									RMC35252	A I W	bed parallel py in BdT
70.65	70.95				2.5									RMC35253	A I	bed parallel py-1cm cg py vein at low angle
74.25	75.75				2.5									RMC35254	A I	bed parallel py
75.75	76.25				2.5									RMC35255	A I	bed parallel py
82.90	84.40				6.0									RMC35256	A I	bed parallel py with 1cm mg vein
84.40	86.00				6.0									RMC35257	A I	bed parallel py with 1cm mg vein
86.00	87.50				3.0									RMC35258	A I	bed parallel py with perv Fe-carb and 30cm qtz vein
87.50	89.00				2.0									RMC35259	A I	fg py laminae
0.00	0.00													RMC35260	A I	Standard #2
89.00	90.50				4.0									RMC35261	A I	fg py laminae
90.50	92.00				4.0									RMC35262	A I W	fg py laminae in BdT
92.00	93.50				4.0									RMC35263	A I	fg py laminae
93.50	95.00				4.0									RMC35264	A I	fg py laminae
95.00	96.50				4.0									RMC35265	A I	fg py laminae
96.50	97.80				4.0									RMC35266	A I	fg py laminae
97.80	98.10				4.0									RMC35267	A I	fol py laminae with cg blebs py
98.10	99.25				4.0									RMC35268	A I	fol py lam with cg blebs py
99.25	99.55				2.5									RMC35269	A I	fg matrix py in breccia texture
99.55	101.00				1.5									RMC35270	A I W	bedding parallel py in BdT
119.90	120.30				5.0									RMC35271	A I	qtz-cc vein Fe-carb vein mg py
122.55	123.50				1.0									RMC35272	A I W	bed parallel py in BdT
138.76	140.10				1.0									RMC35273	A I W	dissem and blebs py in BdT

rev010c93

values measured in percent

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

Lac Minerals Ltd.

Red Mountain
LISA V

DRILL HOLE SAMPLE\ASSAY SUMMARY

LN94-221

Length measure: meters

Samples & Assays

LN94-221

From	To	Length	Sample ID	Type(s)*		Sample Description	Au† [gram/tonne]	Ag†
0.00	0.00	0.00	RMC35240	A I		Standard #2	0.00	0.00
0.00	0.00	0.00	RMC35260	A I		Standard #2	0.00	0.00
2.43	3.70	1.27	RMC35232	A I		dissem py in BdT	0.02	0.00 ETS
3.70	4.66	0.96	RMC35233	A I		dissem py - hanging wall of sed/FHxl contact	0.02	0.00 ETS
4.66	6.00	1.34	RMC35234	A I		dissem py in FHBp	0.02	0.00 ETS
6.40	7.90	1.50	RMC35235	A I	W	1% biotite dissem py in FHBP	0.02	0.00 ETS
23.02	24.57	1.55	RMC35236	A I	W	dissem py no veins in FHBp	0.02	0.00 ETS
25.32	26.90	1.58	RMC35237	A I		dissem py qtz and cc vein with breccia texture	0.02	0.00 ETS
36.00	37.50	1.50	RMC35238	A I		dissem py	0.02	0.00 ETS
37.50	39.00	1.50	RMC35239	A I		dissem py lim and Fe-carb alt'n	0.02	0.00 ETS
39.00	40.50	1.50	RMC35241	A I		dissem py, breccia texture 40cm qtz and cc	0.03	0.00 ETS
40.50	41.30	0.80	RMC35242	A I		dissem py, qtz veining with breccia texture BdT	0.79	0.00 ETS
41.30	42.18	0.88	RMC35243	A I		fg bed parallel py	1.91	0.00 ETS
42.18	42.65	0.47	RMC35244	A I		f to cg bed parallel py with cg py vein	5.38	0.00 ETS
42.65	44.15	1.50	RMC35245	A I		fg bed parallel py with 1cm cg vein	0.16	0.00 ETS
44.15	44.90	0.75	RMC35246	A I		fg bed parallel py	0.15	0.00 ETS
44.90	46.40	1.50	RMC35247	A I		fg bed parallel py	0.12	0.00 ETS
46.40	47.90	1.50	RMC35248	A I		fg bed parallel py	0.02	0.00 ETS
47.90	49.40	1.50	RMC35249	A I		bed parallel py with blebs py	0.02	0.00 ETS
54.25	55.90	1.65	RMC35250	A I		bed parallel py	0.02	0.00 ETS
64.00	65.50	1.50	RMC35251	A I		bed parallel py black carbonaceous	0.02	0.00 ETS
69.15	70.65	1.50	RMC35252	A I	W	bed parallel py in BdT	0.02	0.00 ETS
70.65	70.95	0.30	RMC35253	A I		bed parallel py-1cm cg py vein at low angle	0.02	0.00 ETS
74.25	75.75	1.50	RMC35254	A I		bed parallel py	0.02	0.00 ETS
75.75	76.25	0.50	RMC35255	A I		bed parallel py	0.02	0.00 ETS
82.90	84.40	1.50	RMC35256	A I		bed parallel py with 1cm mg vein	0.02	0.00 ETS
84.40	86.00	1.60	RMC35257	A I		bed parallel py with 1cm mg vein	0.02	0.00 ETS
86.00	87.50	1.50	RMC35258	A I		bed parallel py with perv Fe-carb and 30cm qtz vein	0.23	0.00 ETS
87.50	89.00	1.50	RMC35259	A I		fg py laminae	0.16	0.00 ETS
89.00	90.50	1.50	RMC35261	A I		fg py laminae	0.06	0.00 ETS
90.50	92.00	1.50	RMC35262	A I	W	fg py laminae in BdT	0.04	0.00 ETS
92.00	93.50	1.50	RMC35263	A I		fg py laminae	0.02	0.00 ETS
93.50	95.00	1.50	RMC35264	A I		fg py laminae	0.04	0.00 ETS
95.00	96.50	1.50	RMC35265	A I		fg py laminae	0.02	0.00 ETS
96.50	97.80	1.30	RMC35266	A I		fg py laminae	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

LN94-221

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†
97.80	98.10	0.30	RMC35267	A I	fol py laminae with cg blebs py	0.02	0.00 ETS
98.10	99.25	1.15	RMC35268	A I	fol py lam with cg blebs py	0.02	0.00 ETS
99.25	99.55	0.30	RMC35269	A I	fg matrix py in breccia texture	0.43	0.00 ETS
99.55	101.00	1.45	RMC35270	A I W	bedding parallel py in BdT	0.09	0.00 ETS
119.90	120.30	0.40	RMC35271	A I	qtz-cc vein Fe-carb vein mg py	0.02	0.00 ETS
122.55	123.50	0.95	RMC35272	A I W	bed parallel py in BdT	0.02	0.00 ETS
138.76	140.10	1.34	RMC35273	A I W	dissem and blebs py in 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

LN94-221

Lengths measured in meters

Logged by: Mike Sieb	25/11/94		
Checked by:	/ /		

Northing	*,***.***	Length	159.72
Easting	-195.214	Azimuth	035.0
Elevation	1,631.000	Dip	-50.0

DOWN-HOLE SURVEYs

LN94-221

Depth	Dip°	Az°	Note
0.00	-45.00	075.50	
15.24	-47.00	076.00	
60.96	-38.00	075.50	
121.92	-32.00	080.00	

Lac Minerals Ltd.
Red Mountain

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LN94-222

SUMMARY DRILL REPORT

Location Coordinates	
Northing	-2,645.344
Easting	-194.507
Elevation	1,631.000

Length & Collar Orientation	
Length	112.78
Azimuth	50.0
Dip	-50.0

Field Location	British Columbia
Casing	2.43
Core Size	
Logged by	Mike Sieb
Checked by	
Mx'n Zone	
Claim Group	ORO1
Map Refer'ce	103P/13W
Region	Skeena Mining Division
Driller	JT Thomas
Assayer	EcoTech Laboratories

Lengths measured in meters

Started	/ /
Completed	/ /
Logged	25/10/94
Checked	/ /

Comments

BHp from 5.85-11.50m contacts weakly mineralized. Banded black and weakly porcelanous texture BdT from 11.25 to 46.50m, often strongly mineralized with very fine grained laminated and foliated pyrite. Fine irregular fracture fill and fine grained blebs to 1% cpy from 84.5 to 89.65m in green clay +/- ser altered BdT.

Condensed Log

Grain size

LN94-222

Interval		Rock Type	Modifier
0.00	2.43	Casing	
2.43	5.85	BdT	fol'd, compositionally banded 1-2% dissem and wk vn py
5.85	11.25	BHp	1-2%, 1-3mm hexag porphyry bio, 1-2% py
11.25	46.50	BdT	wk porc text, banded 3-8%, fg lam'd py
46.50	112.78	BdT	lt grn banded seds, 1-2% lam'd & dissem py
112.78	112.78	EOH	

Lac Minerals Ltd.
Red Mountain
LISA V

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DRILL LOG
GEOLOGY DESCRIPTION

LN94-222

Lengths measured in meters

Logged by: Mike Sieb	25/10/94		
Checked by:	/ /		

Northing	-2,645.344	Length	112.78
Easting	-194.507	Dip	-50.0
Elevation	1,631.000	Az	50.0

Geology Description

LN94-222

From	To	LITHOLOGY/*Capsule*/DESCRIPTION	Grain size	Modifier
0.00	2.43	**Casing**		A
2.43	5.85	**BdT**		A
		fol'd, compositionally banded 1-2% dissem and wk vn py		
		MINERALIZATION: 1-2% dissem and weak veins py; LITHOLOGY: A compositionally banded mm to cm white to dark grey banded strongly brecciated textured. ALTERATION: Probable sil, minor lim especially on fractures. STRUCTURE: Moderate foliation at 50°. LC: Strongly foliated and sharp at 40°.		
2.79	5.85			B
		sil alt'n out: unit banded med gry, bx text less well expressed		
		LITHOLOGY: sil alteration out: unit banded medium grey, breccia texture less well expressed COMMENT: More strongly ser alterated than DAP: 2.43-5.85m.		
5.85	11.25	**BHp**		A
		1-2%, 1-3mm hexag porphyry bio, 1-2% py		
		LITHOLOGY: A uniform light grey fine grained salt and pepper textured unit with approximately 35% <1 mm hb. ALTERATION: K-spar "0", complete ser after hb. MINERALIZATION: Occasional hexagonal, 1-3 mm py after hexagonal biotite, overall, 1-2% py. STRUCTURE: Cc + Fe-carb veins, 30-60°. LC: Sharp and marked by 1 cm coarse grained py band at 40°.		
6.77	6.78			C
		Irregular 0.5 cm cc vein with 1 x 2 mm sph crystals at 40°.		
11.25	46.50	**BdT**		A
		wk porc text, banded 3-8%, fg lam'd py		
		LITHOLOGY: Compositionally banded light grey/white moderate to strong breccia texture. MINERALIZATION: Dark cm scale strongly foliated bands of fine grained py overall 3%. ALTERATION: Weak to moderate porcelanous texture. STRUCTURE: Foliated py bands at all angles to CA and breccia textures. LC: Somewhat gradational and marked by irregular 5 cm quartz vein.		
18.00	18.75			B
		BC @ 25° minor lim stain		
		STRUCTURE: broken core at 25°, minor lim stain.		
19.75	21.34			B
		BC @ 25°, minor lim stain		
		STRUCTURE: Broken core at 25°, minor lim stain.		

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
25.50	26.55				B
		FZ:40% <5cm BC, 10% rbl+ GO @ 45°, mod lim stain			
27.55	31.80				B
		FZ, 40% <5cm BC, 10% rbl+lim stain @ 45°			
32.00	33.00				B
		1 cm lam'd fol'd fg py bands @ 0° to CA			
		STRUCTURE/MINERALIZATION: 1 cm laminated foliated fine grained py bands at 0° to core axis. 4.5% py.			
38.70	40.00				B
		75% <5cm BC w/ lim stain @ 60°			
		STRUCTURE: 75% <5 cm broken core with lim stain at 60°.			
44.20	44.80	FZ			B
		85% <5 cm BC w. lim stain, 15%. rbl @ 20°			
46.50	112.78	BdT			A
		lt grn banded seds, 1-2% lam'd & dissem py			
		LITHOLOGY: Light green compositionally banded sediments. Frequent breccia texture mm scale laminated occasionally metre scale zones of red hematite stained bands. MINERALIZATION: 1-2% laminated and dissem py ALTERATION: Soft rock, 5-15% variably distributed tan ser and/or clay - patches weak lim stain. STRUCTURE: Foliations and banding defined by 20-100 mm to cm Fe-carb veins per metre and more commonly light brown to white soft clay altered bands. COMMENT: This unit differs from overlying sediments by distinctive green colour, softness and lack of porcelanous texture.			
54.00	57.00	FZ			B
		50% <5cm BC 15% lim stained rbl & mnr GO @ 55°			
		STRUCTURE: 50% <5cm broken core, 15% lim stained rubble and minor gouge at 55°			
63.00	64.00				B
		fol clay band at 50°			
		STRUCTURE: Foliated clay altered band at 50°, may reflect original bedding			
66.40	67.20				B
		maroon hem alt'd bands @ 50°			
		ALTERATION/STRUCTURE: Maroon hematite altered bands at 50°. COMMENT: Banding probably reflects original bedding.			
72.00	72.20				B
		BC w/ lim stain @ 20°			
		STRUCTURE: Broken core with lim stain at 20°.			
77.00	78.00				B
		bdg @ 45°			
		STRUCTURE: Bedding at 45°.			
80.10	81.20				B
		mod maroon hem staining @ 20° & 50°			
		ALTERATION/STRUCTURE: Moderate maroon hem staining at 20° and 50°.			

From	To	LITHOLOGY/Capsule/DESCRIPTION	Grain size	Modifier	
84.50	89.65				B
		tr to 1.5% iff + dissem cpy, also 1-2% py MINERALIZATION: Trace to 1.5% irregular fracture fill plus dissem cpy, also 1-2% py.			
91.25	92.70				B
		strg maroon hem staining overprinting compositional banding ALTERATION: strong maroon hem staining overprinting compositional banding. STRUCTURE: Compositional banding at 5°-35°. COMMENT: Compositional banding probably original bedding.			
96.00	97.00				B
		compositional banding @ 50° STRUCTURE: Compositional banding at 50°.			
98.90	100.20				B
		banded graph blk & wht porc texture ALTERATION; Banded graphitic black and weak white porcelanous textured BdT. UC & LC gradational.			
101.00	102.50				B
		banding @ 55° STRUCTURE: banding at 55° COMMENTS: probably represents bedding			
102.50	112.78				B
		banded graph blk & wht porc texture ALTERATION: banded graphitic black and weak white porc texture and weak green clay or ser rich bands with frequent breccia texture			
105.00	106.00				C
		banding @ 50° STRUCTURE: Banding at 50°.			
112.00	112.78				C
		banding @ 30° fold nose @ 112.40m STRUCTURE: Banding at 30°. Fold nose at 112.4m			
112.78	112.78	EOH			A

Lac Minerals Ltd.
Red Mountain
LAC

DRILL LOG
MINERALIZATION & SAMPLING

LN94-222

Lengths measured in meters

Logged by:	Mike Sieb	25/10/94
Checked by:		/ /

Northing	*,***.***	Length	112.78
Easting	-194.507	Azimuth	050.0
Elevation	1,631.000	Dip	-50.0

LN94-222

MINERALIZATION / SAMPLING

From	To											□	□	SampleID	Type(s)*	DESCRIPTION
2.43	4.00				1.0									RMC35274	A I	dissem py with lim, sil alt'n
4.00	4.79				1.0									RMC35275	A I	dissem py with lim, sil alt'n
4.79	5.85				1.0									RMC35276	A I	dissem py with lim, sil alt'n hanging wall of contact
5.85	6.90				1.5									RMC35277	A I	dissem py, FW of contact
6.90	8.40				1.0									RMC35278	A I W	dissem py in BHp
8.40	9.50				1.0									RMC35279	A I	dissem py in BHp
0.00	0.00													RMC35280	A I	Standard #3
9.50	10.63				1.0									RMC35281	A I	dissem py
10.63	11.26				25.0									RMC35282	A I	dissem py with 1cm py vein
11.26	11.79				4.0									RMC35283	A I	bdg parallel py in carb BdT
11.79	13.00				4.0									RMC35284	A I	bdg parallel py in carb BdT
13.00	14.50				3.0									RMC35285	A I	bdg parallel and matrix py
14.50	16.00				3.0									RMC35286	A I	bdg parallel and matrix py
16.00	17.50				5.0									RMC35287	A I	4-6% fg laminated py
17.50	19.00				5.0									RMC35288	A I	4-6% fg laminated py
19.00	20.50				5.0									RMC35289	A I	4-6% fg laminated py
20.50	22.00				5.0									RMC35290	A I	4-6% fg laminated py
22.00	23.10				5.0									RMC35291	A I W	laminated fg py with weak-moderate porc in BdT
23.10	24.25				5.0									RMC35292	A I	laminated fg py with weak-moderate porc
24.25	25.20				7.0									RMC35293	A I	laminated fg py with weak-moderate porc

values measured in percent

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

MINERALIZATION

From	To	Aspy	Cpy	Galena	Py	Po	Sph
25.20	26.70				5.0		
26.70	28.20				4.5		
28.20	29.70				4.5		
29.70	31.20				4.5		
31.20	32.70				4.5		
32.70	34.20				4.5		
0.00	0.00						
34.20	35.70				4.0		
35.70	37.20				4.0		
37.20	38.70				4.0		
38.70	40.20				4.0		
40.20	41.70				4.0		
41.70	43.20				2.0		
43.20	44.70				2.0		
44.70	46.20				2.0		
46.20	47.70				1.0		
63.00	64.50				1.0		
83.50	85.00		0.3		1.0		
85.00	86.00		0.3		1.0		
86.00	87.00		0.3		1.0		
87.00	88.00		0.5		1.0		
88.00	89.00		1.0		1.0		
89.00	90.00		1.0		1.0		
90.00	91.50		0.3		1.0		
91.50	92.50				0.5		
107.03	108.53				2.0		

SAMPLING

SampleID	Type(s)*	DESCRIPTION
RMC35294	A I	laminated fg py with weak-moderate porc
RMC35295	A I	laminated fg py with weak-moderate porc
RMC35296	A I	laminated fg py with weak-moderate porc
RMC35297	A I	laminated fg py with weak-moderate porc
RMC35298	A I	laminated fg py with weak-moderate porc
RMC35299	A I	laminated fg py with weak-moderate porc
RMC35300	A I	Standard #1
RMC35301	A I	fg laminated py with weak porc texture
RMC35302	A I	fg laminated py with weak porc texture
RMC35303	A I	fg laminated py with weak porc texture
RMC35304	A I	fg laminated py with weak porc texture
RMC35305	A I	fg laminated and breccia matrix py
RMC35306	A I W	fg matrix py weak porc texture in BdT
RMC35307	A I	fg matrix py weak porc texture
RMC35308	A I	fg matrix py weak porc texture
RMC35309	A I	dissem py cross-cut into ser clay alt'd unit
RMC35310	A I W	dissem py in ser, clay alt'd green seds in BdT
RMC35311	A I	dissem py trace cpy
RMC35312	A I	dissem py trace cpy
RMC35313	A I W	dissem py trace cpy
RMC35314	A I	dissem and fiff py, cpy
RMC35315	A I	dissem and fiff, py, cpy
RMC35316	A I	dissem and fiff, py, cpy
RMC35317	A I	dissem and fiff, py, cpy
RMC35318	A I	<1% py, strong maroon hematite stain
RMC35319	A I W	dissem and fg py laminations, carb with weak porc in BdT

Lac Minerals Ltd.

Red Mountain
LISA V

DRILL HOLE SAMPLE\ASSAY SUMMARY

LN94-222

Length measure: meters

Samples & Assays

LN94-222

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†
0.00	0.00	0.00	RMC35280	A I	Standard #3	0.00	0.00
0.00	0.00	0.00	RMC35300	A I	Standard #1	0.00	0.00
2.43	4.00	1.57	RMC35274	A I	dissem py with lim, sil alt'n	0.03	0.00 ETS
4.00	4.79	0.79	RMC35275	A I	dissem py with lim, sil alt'n	0.06	0.00 ETS
4.79	5.85	1.06	RMC35276	A I	dissem py with lim, sil alt'n hanging wall of contact	0.08	0.00 ETS
5.85	6.90	1.05	RMC35277	A I	dissem py, FW of contact	0.10	0.00 ETS
6.90	8.40	1.50	RMC35278	A I W	dissem py in BHp	0.66	0.00 ETK
8.40	9.50	1.10	RMC35279	A I	dissem py in BHp	0.05	0.00 ETS
9.50	10.63	1.13	RMC35281	A I	dissem py	0.07	0.00 ETS
10.63	11.26	0.63	RMC35282	A I	dissem py with 1cm py vein	0.04	0.00 ETS
11.26	11.79	0.53	RMC35283	A I	bdg parallel py in carb BdT	0.14	0.00 ETS
11.79	13.00	1.21	RMC35284	A I	bdg parallel py in carb BdT	0.03	0.00 ETS
13.00	14.50	1.50	RMC35285	A I	bdg parallel and matrix py	0.05	0.00 ETS
14.50	16.00	1.50	RMC35286	A I	bdg parallel and matrix py	0.03	0.00 ETS
16.00	17.50	1.50	RMC35287	A I	4-6% fg laminated py	0.06	0.00 ETS
17.50	19.00	1.50	RMC35288	A I	4-6% fg laminated py	0.02	0.00 ETS
19.00	20.50	1.50	RMC35289	A I	4-6% fg laminated py	0.03	0.00 ETS
20.50	22.00	1.50	RMC35290	A I	4-6% fg laminated py	0.16	0.00 ETS
22.00	23.10	1.10	RMC35291	A I W	laminated fg py with weak-moderate porc in BdT	0.03	0.00 ETS
23.10	24.25	1.15	RMC35292	A I	laminated fg py with weak-moderate porc	0.03	0.00 ETS
24.25	25.20	0.95	RMC35293	A I	laminated fg py with weak-moderate porc	0.19	0.00 ETS
25.20	26.70	1.50	RMC35294	A I	laminated fg py with weak-moderate porc	0.04	0.00 ETS
26.70	28.20	1.50	RMC35295	A I	laminated fg py with weak-moderate porc	0.03	0.00 ETS
28.20	29.70	1.50	RMC35296	A I	laminated fg py with weak-moderate porc	0.04	0.00 ETS
29.70	31.20	1.50	RMC35297	A I	laminated fg py with weak-moderate porc	0.16	0.00 ETS
31.20	32.70	1.50	RMC35298	A I	laminated fg py with weak-moderate porc	0.03	0.00 ETS
32.70	34.20	1.50	RMC35299	A I	laminated fg py with weak-moderate porc	0.09	0.00 ETS
34.20	35.70	1.50	RMC35301	A I	fg laminated py with weak porc texture	0.04	0.00 ETS
35.70	37.20	1.50	RMC35302	A I	fg laminated py with weak porc texture	0.13	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

LN94-222

From	To	Length	Sample ID	Type(s)*	Sample Description	Au† [gram/tonne]	Ag†
37.20	38.70	1.50	RMC35303	A I	fg laminated py with weak porc texture	0.05	0.00 ETS
38.70	40.20	1.50	RMC35304	A I	fg laminated py with weak porc texture	0.04	0.00 ETS
40.20	41.70	1.50	RMC35305	A I	fg laminated and breccia matrix py	0.04	0.00 ETS
41.70	43.20	1.50	RMC35306	A I W	fg matrix py weak porc texture in BdT	0.02	0.00 ETS
43.20	44.70	1.50	RMC35307	A I	fg matrix py weak porc texture	0.03	0.00 ETS
44.70	46.20	1.50	RMC35308	A I	fg matrix py weak porc texture	0.05	0.00 ETS
46.20	47.70	1.50	RMC35309	A I	dissem py cross-cut into ser clay alt'd unit	0.11	0.00 ETS
63.00	64.50	1.50	RMC35310	A I W	dissem py in ser, clay alt'd green seds in BdT	0.02	0.00 ETS
83.50	85.00	1.50	RMC35311	A I	dissem py trace cpy	0.02	0.00 ETS
85.00	86.00	1.00	RMC35312	A I	dissem py trace cpy	0.02	0.00 ETS
86.00	87.00	1.00	RMC35313	A I W	dissem py trace cpy	0.02	0.00 ETS
87.00	88.00	1.00	RMC35314	A I	dissem and fiff py, cpy	0.11	0.00 ETS
88.00	89.00	1.00	RMC35315	A I	dissem and fiff, py, cpy	0.22	0.00 ETS
89.00	90.00	1.00	RMC35316	A I	dissem and fiff, py, cpy	0.06	0.00 ETS
90.00	91.50	1.50	RMC35317	A I	dissem and fiff, py, cpy	0.08	0.00 ETS
91.50	92.50	1.00	RMC35318	A I	<1% py, strong maroon hematite stain	0.11	0.00 ETS
107.03	108.53	1.50	RMC35319	A I W	dissem and fg py laminations, carb with weak porc in BdT	0.03	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

LN94-222

Lengths measured in meters

Logged by: Mike Sieb	25/10/94		
Checked by:	/ /		

Northing	*,***.***	Length	112.78
Easting	-194.507	Azimuth	050.0
Elevation	1,631.000	Dip	-50.0

DOWN-HOLE SURVEYs

LN94-222

Depth	Dip°	Az°	Note
0.00	-41.50	050.00	
15.24	-41.50	050.00	
112.78	-32.50	059.00	

APPENDIX III

LISA NUNATAK

30 ELEMENT ICP RESULTS + WHOLE ROCKS

FOR HOLES

LN94-220, LN94-221, LN94-222

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
LN94-220			(If assay contains a decimal = g/T, otherwise = ppm)																															
RMC35171	29.00	30.50	0.4	2.56	10	10	70	5	3.01	2	14	20	65	5.42	0.09	<10	1.83	1470	<1	0.02	<1	1360	32	20	<20	59	<50	<.01	<10	72	<10	<1	229
RMC35172	51.80	52.10	1.4	0.65	20	8	35	<5	1.39	<1	16	115	168	3.01	0.11	<10	0.71	540	2	<.01	24	530	12	15	<20	28	<50	<.01	<10	16	<10	3	31
RMC35173	52.65	54.00	2.4	1.23	30	8	85	<5	0.98	<1	14	176	921	3.86	0.07	<10	0.77	1026	11	<.01	10	450	12	10	<20	39	<50	<.01	<10	13	<10	<1	45
RMC35174	70.50	72.00	0.4	1.82	15	10	95	<5	1.37	<1	14	55	23	4.1	0.13	<10	1.31	865	<1	<.01	14	1000	16	15	<20	36	<50	<.01	<10	21	<10	5	43
RMC35175	72.00	73.50	0.4	1.53	20	8	90	5	2.36	<1	12	42	12	3.61	0.13	<10	0.86	706	2	0.01	4	1170	12	15	<20	32	<50	<.01	<10	24	<10	<1	29
RMC35150	76.40	77.60	0.2	2.03	15	10	115	<5	3.79	<1	13	71	28	4.6	0.16	<10	1.28	1227	<1	<.01	2	1290	14	15	<20	71	<50	<.01	<10	29	<10	<1	75
RMC35176	78.53	78.83	0.6	2.17	25	10	60	10	3.92	<1	20	27	38	5.82	0.12	<10	1.42	1716	<1	0.02	<1	1390	48	20	<20	68	<50	<.01	<10	53	<10	<1	119
RMC35177	78.83	80.33	0.4	2.66	15	8	185	<5	3.3	5	15	29	47	5.69	0.14	<10	1.75	1853	<1	0.01	<1	1450	18	25	<20	54	<50	<.01	<10	72	<10	<1	268
RMC35178	82.95	84.45	0.6	2.38	10	8	95	<5	3.12	1	16	32	49	5.86	0.14	<10	1.77	1916	<1	0.02	<1	1360	26	15	<20	83	<50	<.01	<10	71	<10	<1	150
RMC35179	84.45	85.50	0.6	1.97	10	8	125	<5	2.94	7	14	36	58	5.36	0.18	<10	1.58	2046	<1	0.02	<1	1420	60	20	<20	67	<50	<.01	<10	50	<10	<1	607
RMC35181	85.50	87.00	1.6	1.22	60	8	70	<5	2.55	12	13	72	60	4.55	0.15	<10	1.12	1790	4	<.01	5	1320	292	10	<20	55	<50	<.01	<10	29	<10	<1	937
RMC35182	87.48	88.80	3.2	0.4	100	8	45	<5	2.91	10	13	227	121	2.74	0.09	<10	0.63	1673	17	<.01	34	550	370	10	<20	105	<50	<.01	<10	43	<10	<1	772
RMC35183	88.80	90.30	3	0.47	170	6	45	<5	2.24	30	11	138	96	2.98	0.11	<10	0.72	1113	24	<.01	33	1010	356	15	<20	70	<50	<.01	<10	49	<10	2	2093
RMC35184	90.30	90.80	28.8	0.36	625	6	30	<5	1.23	34	23	109	1553	7.44	0.09	<10	0.4	676	<1	<.01	30	280	410	15	<20	34	<50	<.01	<10	9	<10	<1	2491
RMC35185	90.80	92.30	1.4	0.98	35	<2	45	<5	1.84	198	8	93	212	3.39	0.07	<10	0.97	1234	<1	<.01	16	230	62	10	<20	39	<50	<.01	<10	14	80	<1	>10000
RMC35186	97.65	99.15	1.8	0.93	55	8	50	<5	5.12	4	10	161	68	3.1	0.07	<10	0.98	1221	7	<.01	50	550	22	15	<20	155	<50	<.01	<10	30	<10	1	309
RMC35187	99.15	99.45	13.2	0.45	505	<2	35	<5	3.21	548	15	120	1455	11.4	0.11	<10	0.42	1160	<1	<.01	53	8630	276	<5	<20	200	<50	<.01	<10	28	<10	3	>10000
RMC35188	99.45	100.95	2	0.47	40	8	35	<5	1.54	8	9	141	105	2.35	0.1	<10	0.41	497	11	<.01	47	780	32	10	<20	44	<50	<.01	<10	26	<10	2	704
RMC35189	108.00	109.50	3.4	0.82	35	6	30	<5	1.93	2	10	158	84	2.91	0.1	<10	0.94	590	25	<.01	45	480	30	25	<20	53	<50	<.01	<10	27	<10	<1	187
RMC35190	121.00	121.65	6.2	0.65	105	8	25	<5	0.91	8	14	119	159	4.37	0.15	<10	0.49	631	85	<.01	108	1450	94	35	<20	32	<50	<.01	<10	81	<10	1	470
RMC35191	123.65	125.15	3.2	1.24	160	8	30	<5	0.77	22	13	162	257	4.52	0.13	<10	0.92	494	113	<.01	113	1550	254	15	<20	28	<50	<.01	<10	199	<10	<1	1305
RMC35192	125.15	126.65	4.8	1.86	55	8	50	<5	3.17	21	16	39	105	6.1	0.17	<10	1.57	2058	<1	0.01	15	1270	1350	25	<20	106	<50	<.01	<10	38	<10	<1	1499
RMC35193	135.60	137.10	0.4	2.37	<5	10	110	5	3.63	1	15	28	39	5.17	0.12	<10	1.84	1851	<1	0.02	<1	1270	34	15	<20	119	<50	<.01	<10	57	<10	<1	110
RMC35194	143.40	144.90	0.4	2.26	<5	10	105	5	3.36	1	13	31	45	5.12	0.16	<10	1.61	1523	<1	0.02	2	1360	14	15	<20	75	<50	<.01	<10	39	<10	<1	391
RMC35195	144.90	146.40	0.6	1.27	5	10	95	<5	9.54	<1	9	35	35	2.71	0.15	<10	0.8	2644	3	0.01	1	1200	4	10	<20	422	<50	<.01	<10	20	<10	3	152
RMC35196	146.40	147.90	0.6	1.77	<5	10	130	<5	5.79	1	12	26	51	4.97	0.16	<10	1.33	2158	2	0.01	3	1180	8	20	<20	124	<50	<.01	<10	27	<10	2	238
RMC35197	152.20	153.15	0.4	2.5	<5	10	85	5	2.84	<1	15	21	47	5.85	0.14	<10	1.76	1240	<1	0.02	<1	1350	8	15	<20	80	<50	<.01	<10	49	<10	<1	39
RMC35198	172.50	174.00	0.4	2.39	<5	10	95	<5	3.99	<1	14	20	47	5.11	0.13	<10	1.72	1776	<1	0.02	<1	1270	8	20	<20	127	<50	<.01	<10	53	<10	<1	78
RMC35199	195.00	196.50	0.4	1.9	<5	10	115	<5	4.73	3	13	19	42	4.71	0.18	<10	1.28	1641	<1	0.01	<1	1250	14	15	<20	142	<50	<.01	<10	34	<10	<1	191
RMC35201	211.00	212.00	0.4	1.59	5	8	75	5	7.57	3	12	40	34	4.33	0.13	<10	1.43	2469	1	<.01	4	990	12	20	<20	289	<50	<.01	<10	33	<10	<1	326
RMC35202	212.00	213.46	1.4	0.74	30	6	65	<5	4.88	20	7	91	134	2.16	0.08	<10	1.04	1544	23	<.01	9	840	48	15	<20	149	<50	<.01	<10	48	<10	4	715
RMC35203	213.46	214.42	0.6	1.84	25	8	65	<5	4.17	11	15	32	55	4.7	0.16	<10	1.58	1644	<1	0.01	9	1270	26	20	<20	109	<50	<.01	<10	26	<10	<1	768
RMC35204	214.42	216.17	0.4	2.34	<5	6	80	<5	2.53	<1	15	24	49	5.16	0.19	<10	1.78	1174	<1	0.01	25	1370	10	20	<20	71	<50	<.01	<10	40	<10	<1	498
RMC35205	216.17	217.43	0.4	2.12	<5	8	90	<5	5.77	<1	12	25	52	4.52	0.17	<10	1.56	1582	<1	0.01	24	1210	8	20	<20	246	<50	<.01	<10	33	<10	<1	467
RMC35206	217.43	219.00	0.4	0.73	25	8	45	<5	2.27	1	10	78	36	2.36	0.11	<10	0.75	739	4	<.01	8	270	6	10	<20	57	<50	<.01	<10	26	<10	<1	103
RMC35207	219.00	220.50	0.4	0.62	<5	8	100	<5	2.32	<1	5	95	32	1.58	0.12	<10	0.69	789	<1	<.01	9	230	4	10	<20	55	<50	<.01	<10	30	<10	2	72
RMC35208	220.50	222.00	0.8	0.75	20	6	55	<5	4.17	<1	9	106	59	2.45	0.12	<10	0.83	1151	7	<.01	11	2140	8	15	<20	117	<50	<.01	<10	24	<10	4	47
RMC35209	222.00	223.50	1.2	0.62	15	8	50	<5	4.08	<1	11	87	141	2.31	0.13	<10	0.55	931	3	<.01	11	3780	6	15	<20	121	<50	<.01	<10	18	<10	5	35
RMC35210	223.30	223.70	1.6	0.59	170	8	25	10	1.26	1	45	74	77	8.52	0.13	<10	0.44	353	4	<.01	35	1280	34	15	<20	35	<50	<.01	<10	11	<10	<1	56
RMC35211	223.70	225.20	0.6	0.39	40	8	30	<5	1.39	<1	15	103	31	2.75	0.07	<10	0.34	445	8	<.01	24	190	12	10	<20	34	<50	<.01	<10	14	<10	<1	31
RMC35212	227.10	228.37	3	0.61	80	10	30	<5	1.8	19	12	164	111	2.78	0.13	<10	0.44	500	123	<.01	105	4170	182	15	<20	69	<50	<.01	<10	264	<10	10	1134
RMC35213	228.37	229.70	0.8	1.74	10	8	65	<5	4.56	1	14	91	42	4.55	0.14	<10	1.16	1747	<1	<.01	2	1420	26	5	<20	215	<50	<.01	<10	33	<10	<1	91
RMC35214	241.30	242.13	0.4	2.53	<5	8	145	<5	0.99	<1	15	26	47	5.53	0.16	<10	1.58	1032	<1	0.02	<1	1590	18	10	<20	22	<50	<.01	<10	54	<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
RMC35215	249.00	250.50	0.4	2.59	<5	8	80	<5	0.72	<1	14	34	55	5.87	0.16	<10	1.68	942	<1	0.02	2	1590	12	10	<20	15	<50	<.01	<10	50	<10	<1	108
RMC35216	250.50	251.28	0.8	1.58	15	6	40	<5	1.42	55	11	114	129	4.35	0.15	<10	1.04	731	3	<.01	7	1080	54	10	<20	49	<50	<.01	<10	34	<10	<1	4212
RMC35217	251.28	252.78	2.2	0.66	65	10	45	<5	6.28	10	11	128	60	2.66	0.07	<10	0.5	1590	39	<.01	35	2990	52	20	<20	207	<50	<.01	<10	99	<10	5	640
RMC35218	255.90	257.35	1	0.07	10	10	25	<5	> 15	5	1	129	20	0.48	<.01	<10	0.21	3063	13	<.01	6	270	4	10	<20	1183	<50	<.01	<10	25	<10	11	233
RMC35219	261.10	261.67	1.8	0.91	10	6	30	10	2.19	3	17	42	63	5.69	0.16	<10	0.7	870	5	0.01	7	1490	20	10	<20	77	<50	<.01	<10	23	<10	<1	175
RMC35221	261.67	262.50	1.2	0.12	<5	10	55	<5	> 15	<1	<1	42	4	0.61	0.02	<10	0.19	6504	2	<.01	<1	180	<2	10	<20	1966	<50	<.01	<10	4	<10	9	28
RMC35222	262.50	263.60	0.4	2.14	<5	8	45	<5	2.72	<1	16	38	46	6.08	0.14	<10	1.48	1081	<1	0.01	<1	1500	12	15	<20	115	<50	<.01	<10	49	<10	<1	76
RMC35223	264.00	265.15	0.4	2.17	<5	8	80	<5	2.94	5	14	29	48	5.13	0.13	<10	1.47	1247	<1	0.02	<1	1360	42	20	<20	69	<50	<.01	<10	51	<10	<1	413
RMC35224	277.15	278.10	0.2	1.85	<5	8	65	5	2.46	<1	15	28	58	5.59	0.13	<10	1.67	1259	<1	0.02	<1	1350	8	20	<20	50	<50	<.01	<10	55	<10	<1	92
RMC35225	278.40	279.90	0.6	1.28	15	8	35	<5	2.71	<1	15	32	53	5.38	0.15	<10	1.35	882	<1	0.02	1	1390	10	15	<20	59	<50	<.01	<10	31	<10	<1	60
RMC35226	279.90	281.21	1.2	0.48	50	10	30	<5	1.81	6	10	194	57	2.43	0.17	<10	0.16	170	66	<.01	49	6050	24	10	<20	64	<50	<.01	<10	111	<10	6	329
RMC35227	289.00	290.00	1.2	0.66	20	8	40	<5	2.16	<1	13	97	60	3.13	0.12	<10	0.73	755	23	<.01	27	380	14	10	<20	50	<50	<.01	<10	23	<10	<1	31
RMC35228	299.00	300.50	0.4	1.97	<5	8	85	<5	1.72	<1	12	49	72	4.28	0.1	<10	1.15	643	<1	<.01	14	760	8	15	<20	39	<50	<.01	<10	18	<10	<1	29
RMC35229	314.90	316.40	0.4	0.53	10	8	35	<5	2.26	<1	19	88	83	3.17	0.11	<10	0.62	807	4	<.01	25	370	12	10	<20	39	<50	<.01	<10	6	<10	<1	13
RMC35230	317.50	317.90	0.8	0.61	15	8	20	<5	1.82	<1	27	90	106	5.06	0.07	<10	0.75	781	3	<.01	70	270	18	15	<20	27	<50	<.01	<10	11	<10	<1	12
RMC35231	326.14	327.43	0.6	0.36	15	8	30	<5	1.67	2	19	98	58	2.71	0.07	<10	0.48	590	5	<.01	39	380	12	10	<20	30	<50	<.01	<10	5	<10	<1	12
LN94-221			(If assay contains a decimal = g/T, otherwise = ppm)																															
RMC35232	2.43	3.70	0.4	0.67	<5	8	210	<5	2.64	<1	5	49	99	1.76	0.08	<10	0.49	819	<1	<.01	6	190	2	5	<20	58	<50	<.01	<10	7	<10	1	12
RMC35233	3.70	4.66	1	0.74	<5	10	180	<5	2.74	<1	4	42	221	1.83	0.07	<10	0.49	797	<1	<.01	5	70	4	10	<20	60	<50	<.01	<10	9	<10	2	13
RMC35234	4.66	6.00	<.2	2.38	<5	10	160	5	4.41	<1	10	18	27	5.12	0.15	<10	1.71	1271	<1	0.01	3	1250	2	20	<20	90	<50	<.01	<10	42	<10	<1	21
RMC35235	6.40	7.90	<.2	2.8	<5	10	130	10	3.19	<1	15	20	44	5.66	0.08	<10	1.91	1208	<1	0.03	3	1280	<2	15	<20	66	<50	<.01	<10	99	<10	<1	82
RMC35236	23.02	24.57	1	2.4	<5	12	175	<5	3.35	<1	16	18	39	5.74	0.14	<10	1.47	1400	<1	0.03	<1	1330	10	15	<20	74	<50	<.01	<10	53	<10	<1	61
RMC35237	25.32	26.90	0.4	0.64	<5	10	55	<5	> 15	<1	3	63	5	1.95	0.02	<10	0.53	4105	<1	<.01	2	230	<2	10	<20	1194	<50	<.01	<10	11	<10	10	12
RMC35238	36.00	37.50	<.2	1.3	5	10	200	<5	4.15	<1	10	17	28	4.26	0.13	<10	1.22	1544	<1	<.01	3	1320	<2	15	<20	79	<50	<.01	<10	21	<10	<1	9
RMC35239	37.50	39.00	<.2	0.85	15	10	80	<5	3.79	<1	9	21	12	3.43	0.15	<10	0.91	1150	<1	<.01	4	1400	4	10	<20	86	<50	<.01	<10	15	<10	2	11
RMC35241	39.00	40.50	0.4	0.38	105	10	50	<5	5.52	2	8	77	59	4.7	0.13	<10	1.27	1703	<1	<.01	5	830	44	15	<20	137	<50	<.01	<10	10	<10	6	116
RMC35242	40.50	41.30	3.6	0.19	420	8	30	<5	2.77	10	16	97	143	5.37	0.09	<10	0.62	970	<1	<.01	19	260	78	<5	<20	67	<50	<.01	<10	5	<10	1	461
RMC35243	41.30	42.18	3.4	0.28	340	10	30	<5	2.66	4	15	121	110	6.31	0.07	<10	0.48	1104	<1	<.01	16	80	84	<5	<20	68	<50	<.01	<10	7	<10	<1	122
RMC35244	42.18	42.65	4.8	0.2	785	10	20	<5	0.86	3	19	75	88	7.17	0.09	<10	0.1	272	1	<.01	20	110	86	<5	<20	16	<50	<.01	<10	4	<10	<1	85
RMC35245	42.65	44.15	1.6	0.28	165	8	25	<5	0.68	2	7	70	218	2.57	0.09	<10	0.21	300	<1	<.01	11	280	24	<5	<20	14	<50	<.01	<10	4	<10	<1	179
RMC35246	44.15	44.90	1	0.47	355	8	20	<5	0.82	1	11	64	96	3.93	0.1	<10	0.25	307	<1	<.01	14	270	32	5	<20	19	<50	<.01	<10	6	<10	<1	71
RMC35247	44.90	46.40	1	0.51	150	8	25	<5	1.34	<1	15	65	243	3.53	0.09	<10	0.38	512	<1	<.01	16	290	28	10	<20	28	<50	<.01	<10	8	<10	<1	60
RMC35248	46.40	47.90	2.4	0.77	75	8	30	<5	1.43	4	13	60	140	3.4	0.11	<10	0.57	440	47	<.01	39	2290	28	20	<20	46	<50	<.01	<10	39	<10	5	152
RMC35249	47.90	49.40	2.2	0.82	75	10	25	<5	1.46	4	12	69	132	3.38	0.12	<10	0.59	438	45	<.01	37	2430	26	15	<20	49	<50	<.01	<10	42	<10	5	160
RMC35250	54.25	55.90	1.4	0.18	20	8	20	<5	0.68	<1	16	86	53	2.23	0.08	<10	0.23	345	3	<.01	21	90	14	10	<20	9	<50	<.01	<10	3	<10	<1	46
RMC35251	64.00	65.50	3.2	0.49	100	10	25	<5	2.27	7	13	74	103	3.29	0.18	<10	0.42	383	88	<.01	77	5180	30	30	<20	73	<50	<.01	<10	117	<10	12	416
RMC35252	69.15	70.65	1.6	0.45	10	8	20	<5	2.79	<1	15	89	62	5.84	0.1	<10	0.57	673	<1	<.01	31	140	10	5	<20	49	<50	<.01	<10	6	<10	<1	17
RMC35253	70.65	70.95	0.6	0.54	10	8	25	<5	1.61	<1	14	54	47	2.98	0.12	<10	0.47	434	<1	<.01	24	320	10	10	<20	28	<50	<.01	<10	4	<10	<1	18
RMC35254	74.25	75.75	2.2	0.5	50	8	25	<5	1.84	1	17	52	136	3.37	0.16	<10	0.49	534	22	<.01	53	2950	18	15	<20	71	<50	<.01	<10	27	<10	8	37
RMC35255	75.75	76.25	2.6	0.5	60	8	20	<5	1.8	<1	17	63	129	3.83	0.18	<10	0.44	475	49	<.01	62	2880	22	15	<20	59	<50	<.01	<10	63	10	10	26
RMC35256	82.90	84.40	1.8	0.37	50	8	20	10	1.77	<1	16	65	52	5.69	0.1	<10	0.46	589	29	<.01	40	180	14	10	<20	35	<50	<.01	<10	9	<10	<1	14
RMC35257	84.40	86.00	1.2	0.71	110	8	30	5	3.18	<1	17	60	38	4.27	0.1	<10	0.73	947	13	<.01	50	600	18	15	<20	72	<50	<.01	<10	39	<10	<1	21

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
RMC35258	86.00	87.50	4.8	0.38	390	10	30	<5	2.89	2	31	66	139	7.22	0.11	<10	0.79	1508	95	<.01	235	320	126	45	<20	118	<50	<.01	<10	90	<10	<1	82
RMC35259	87.50	89.00	3.8	0.36	280	10	15	<5	1.06	2	17	59	141	4.81	0.14	<10	0.33	466	166	<.01	292	460	90	35	<20	19	<50	<.01	<10	155	<10	<1	39
RMC35261	89.00	90.50	4.8	0.32	155	10	20	<5	1.87	<1	16	56	106	3.89	0.15	<10	0.68	967	166	<.01	283	550	52	45	<20	37	<50	<.01	<10	147	<10	<1	40
RMC35262	90.50	92.00	3.2	0.33	135	10	20	<5	2.03	2	17	48	109	3.97	0.16	<10	0.74	1005	166	<.01	251	600	50	40	<20	37	<50	<.01	<10	154	<10	<1	152
RMC35263	92.00	93.50	2.8	0.26	115	10	5	<5	1.64	5	15	45	98	3.56	0.11	<10	0.61	781	171	<.01	267	410	46	35	<20	22	<50	<.01	<10	114	<10	<1	333
RMC35264	93.50	95.00	2.8	0.27	115	10	25	<5	2.54	6	14	63	121	3.98	0.12	<10	0.89	1182	168	<.01	281	430	52	50	<20	48	<50	<.01	<10	133	<10	2	417
RMC35265	95.00	96.50	0.6	0.2	20	8	25	<5	1.64	1	11	68	48	3.07	0.09	<10	0.53	752	15	<.01	18	290	16	10	<20	34	<50	<.01	<10	8	<10	<1	92
RMC35266	96.50	97.80	1.8	0.19	35	10	25	<5	1.68	2	12	93	71	3.31	0.09	<10	0.52	771	22	<.01	42	180	22	15	<20	34	<50	<.01	<10	23	<10	<1	164
RMC35267	97.80	98.10	2.2	0.24	45	10	20	<5	1.31	1	20	62	78	4.99	0.11	<10	0.42	680	25	<.01	47	270	28	15	<20	23	<50	<.01	<10	14	<10	<1	101
RMC35268	98.10	99.25	0.4	0.25	5	8	30	<5	1.15	<1	7	80	89	2.1	0.08	<10	0.44	473	2	<.01	15	210	8	10	<20	22	<50	<.01	<10	5	<10	<1	65
RMC35269	99.25	99.55	1	0.91	10	10	25	<5	0.69	<1	21	39	114	7.2	0.14	<10	0.68	279	<1	<.01	41	680	20	10	<20	11	<50	<.01	<10	15	<10	<1	63
RMC35270	99.55	101.00	<.2	0.13	10	8	65	<5	1.38	<1	4	94	45	1.47	0.05	<10	0.46	620	4	<.01	10	40	4	10	<20	23	<50	<.01	<10	2	<10	<1	36
RMC35271	119.90	120.30	0.2	0.77	5	10	115	<5	10.9	<1	6	61	88	2.63	0.06	<10	0.74	2507	<1	<.01	5	670	2	10	<20	570	<50	<.01	<10	7	<10	13	15
RMC35272	122.55	123.50	<.2	1.8	<5	10	180	10	0.75	<1	11	46	27	4.21	0.07	<10	1	649	<1	<.01	19	260	10	10	<20	21	<50	<.01	<10	18	<10	<1	57
RMC35273	138.76	140.10	0.4	1.79	<5	8	150	<5	0.61	<1	14	37	68	4.27	0.08	<10	0.9	833	<1	<.01	14	490	10	5	<20	13	<50	<.01	<10	31	<10	<1	39
LM94-222			(If assay column contains a decimal = g/T, otherwise = ppm																															
RMC35274	2.43	4.00	0.4	1.04	10	10	130	<5	3.42	<1	7	60	12	2.6	0.08	<10	0.66	903	<1	<.01	8	280	6	10	<20	83	<50	<.01	10	11	<10	1	13
RMC35275	4.00	4.79	0.8	0.67	10	10	75	<5	3.66	<1	8	58	70	2.24	0.09	<10	0.44	1057	3	<.01	8	290	6	5	<20	74	<50	<.01	10	6	<10	2	23
RMC35276	4.79	5.85	0.6	1.04	<5	10	180	<5	2.22	<1	5	60	10	2.32	0.07	<10	0.61	597	<1	<.01	5	230	4	10	<20	48	<50	<.01	10	10	<10	<1	15
RMC35277	5.85	6.90	0.6	1.55	30	8	115	10	3.9	1	12	21	34	5.1	0.14	<10	1.59	1283	<1	<.01	3	1230	6	20	<20	75	<50	<.01	10	27	<10	2	48
RMC35278	6.90	8.40	0.4	1.92	30	8	120	10	5.49	<1	14	20	31	5.34	0.08	<10	1.77	1515	<1	<.01	3	1300	10	15	<20	100	<50	<.01	20	39	<10	<1	61
RMC35279	8.40	9.50	0.6	2.16	15	10	135	10	5.62	3	13	21	33	4.84	0.11	<10	1.66	1519	<1	<.01	1	1180	8	20	<20	108	<50	<.01	10	43	<10	<1	133
RMC35281	9.50	10.63	0.4	2.22	50	8	110	15	5.94	<1	14	17	35	4.94	0.11	<10	1.67	1495	<1	<.01	2	1200	8	25	<20	120	<50	<.01	10	46	<10	<1	73
RMC35282	10.63	11.26	1	1.32	145	8	50	10	5	1	20	27	45	5.51	0.14	<10	1.18	1502	1	<.01	9	1190	42	20	<20	96	<50	<.01	20	25	<10	<1	76
RMC35283	11.26	11.79	1	0.42	40	8	230	<5	4.54	2	5	60	50	1.5	0.11	<10	0.5	1213	27	<.01	16	2080	66	10	<20	84	<50	<.01	10	44	<10	11	168
RMC35284	11.79	13.00	0.6	0.15	20	8	45	<5	1.21	<1	9	77	28	1.74	0.06	<10	0.24	413	2	<.01	17	1060	14	<5	<20	26	<50	<.01	<10	4	<10	3	31
RMC35285	13.00	14.50	0.6	0.16	25	8	35	<5	1.56	<1	11	85	36	1.98	0.04	<10	0.19	579	4	<.01	23	260	12	<5	<20	30	<50	<.01	<10	2	<10	<1	12
RMC35286	14.50	16.00	0.6	0.21	10	8	55	<5	0.63	<1	10	101	41	1.41	0.04	<10	0.14	231	<1	<.01	27	110	8	5	40	16	<50	<.01	10	2	<10	<1	10
RMC35287	16.00	17.50	0.6	0.18	10	8	55	<5	0.97	<1	8	139	26	1.5	0.06	<10	0.21	402	6	<.01	19	220	8	<5	40	19	<50	<.01	20	2	<10	1	10
RMC35288	17.50	19.00	0.6	0.26	10	8	35	<5	0.79	<1	12	107	47	1.91	0.09	<10	0.11	258	<1	<.01	26	170	12	<5	40	16	<50	<.01	<10	2	<10	<1	10
RMC35289	19.00	20.50	0.8	0.27	<5	8	35	<5	0.78	<1	11	102	51	2.23	0.09	<10	0.23	346	5	<.01	29	220	12	<5	<20	15	<50	<.01	20	2	<10	<1	10
RMC35290	20.50	22.00	0.4	0.23	10	8	35	<5	1.07	<1	10	109	45	2.35	0.06	<10	0.28	404	<1	<.01	27	180	10	<5	<20	20	<50	<.01	<10	2	<10	<1	15
RMC35291	22.00	23.10	0.4	0.19	5	8	65	<5	0.66	<1	6	78	37	1.15	0.07	<10	0.22	316	4	<.01	16	130	8	<5	20	9	<50	<.01	<10	<1	<10	<1	9
RMC35292	23.10	24.25	0.6	0.37	10	8	35	<5	1.57	<1	11	90	34	2.57	0.1	<10	0.53	635	<1	<.01	28	220	12	<5	<20	23	<50	<.01	<10	2	<10	2	13
RMC35293	24.25	25.20	1	0.29	20	8	25	<5	0.71	<1	19	60	63	2.87	0.12	<10	0.17	338	4	<.01	46	280	20	5	<20	9	<50	<.01	10	2	<10	<1	15
RMC35294	25.20	26.70	0.8	0.16	10	8	50	<5	1.21	<1	7	142	23	1.79	0.07	<10	0.26	467	<1	<.01	16	110	14	5	40	25	<50	<.01	10	2	<10	1	18
RMC35295	26.70	28.20	0.6	0.12	5	8	45	<5	1.34	<1	6	125	26	1.74	0.03	<10	0.23	496	6	<.01	14	160	10	<5	40	26	<50	<.01	<10	1	<10	<1	18
RMC35296	28.20	29.70	0.6	0.13	5	6	55	<5	1.54	<1	8	72	29	1.87	0.06	<10	0.39	620	<1	<.01	19	140	6	5	<20	29	<50	<.01	10	1	<10	2	10
RMC35297	29.70	31.20	0.4	0.28	10	6	40	<5	1.39	<1	10	105	31	2.34	0.07	<10	0.34	574	6	<.01	20	420	10	5	<20	30	<50	<.01	<10	2	<10	2	12
RMC35298	31.20	32.70	1	0.41	20	8	30	<5	0.79	<1	14	73	42	2.7	0.08	<10	0.21	302	2	<.01	29	170	14	<5	<20	18	<50	<.01	10	3	<10	<1	14
RMC35299	32.70	34.20	1	0.55	50	8	45	<5	1.69	<1	13	77	35	2.78	0.06	<10	0.42	593	4	<.01	27	150	14	10	<20	38	<50	<.01	20	3	<10	<1	12
RMC35301	34.20	35.70	0.8	0.57	50	6	40	<5	1.63	<1	13	71	38	2.81	0.06	<10	0.42	575	<1	<.01	27	170	14	10	<20	36	<50	<.01	10	3	<10	<1	17
RMC35302	35.70	37.20	1.4	0.82	295	8	55	5	1.66	2	29	98	38	4.91	0.06	<10	0.57	573	<1	<.01	36	120	18	5	<20	44	<50	<.01	20	5	<10	<1	13
RMC35303	37.20	38.70	1	0.54	85	8	40	<5	1.24	<1	18	73	34	3.2	0.07	<10	0.35	434	2	<.01	30	160	18	5	<20	28	<50	<.01	10	3	<10	<1	9
RMC35304	38.70	40.20	0.8	0.4	35	8	35	<5	0.82	<1	17	106	42	2.64	0.06	<10	0.23	308	<1	<.01	32	110	18	<5	<20	19	<50	<.01	10	4	<10	<1	9
RMC35305	40.20	41.70	1	0.38	20	8	50	<5	1.04	<1	19	71	46	2.09	0.06	<10	0.25	382	1	<.01	33	260	12	<5	<20	25	<50	<.01	20	3	<10	<1	7
RMC35306	41.70	43.20	0.6	0.22	55	8	50	<5	1.64	<1	14	108	26	1.93	0.04	<10	0.24	481	<1	<.01	23	130	10	5	20	38	<50	<.01	10	2	<10	<1	5

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
RMC35307	43.20	44.70	1.4	0.16	80	8	40	<5	1.47	<1	21	95	49	2.02	0.05	<10	0.16	371	2	<.01	34	120	16	<5	20	44	<50	<.01	20	2	<10	<1	6
RMC35308	44.70	46.20	2	0.12	40	8	35	<5	1.37	<1	20	102	62	2.29	0.05	<10	0.22	468	1	<.01	33	60	26	5	20	40	<50	<.01	10	2	<10	<1	13
RMC35309	46.20	47.70	0.4	0.3	35	8	35	<5	1.93	<1	9	68	14	2.09	0.08	<10	0.27	484	<1	<.01	9	370	18	5	<20	59	<50	<.01	<10	5	<10	<1	8
RMC35310	63.00	64.50	0.2	1.17	5	8	270	5	0.75	<1	11	58	5	2.49	0.08	<10	0.67	227	<1	<.01	16	340	8	10	<20	23	<50	<.01	10	12	<10	1	31
RMC35311	83.50	85.00	0.6	1.65	15	8	235	<5	0.57	<1	10	55	1662	3.58	0.04	<10	0.98	375	8	<.01	16	320	12	10	<20	11	<50	<.01	10	24	<10	<1	69
RMC35312	85.00	86.00	0.4	1.88	20	8	395	<5	0.65	<1	11	55	787	3.79	0.05	<10	1.11	374	2	<.01	20	310	12	10	<20	11	<50	<.01	<10	25	<10	<1	75
RMC35313	86.00	87.00	0.4	1.76	<5	8	150	5	0.41	<1	10	44	62	3.47	0.06	<10	1.07	364	<1	<.01	17	420	10	10	<20	6	<50	<.01	10	26	<10	<1	70
RMC35314	87.00	88.00	1	1.78	<5	8	140	<5	0.41	<1	10	58	2657	3.81	0.06	<10	1.03	386	<1	<.01	16	320	8	10	<20	7	<50	<.01	<10	25	<10	<1	69
RMC35315	88.00	89.00	1.6	1.86	<5	8	145	<5	0.32	<1	11	55	5380	4.24	0.06	<10	1.04	383	98	<.01	17	390	8	10	<20	7	<50	<.01	20	24	<10	<1	72
RMC35316	89.00	90.00	3.4	1.88	<5	8	155	<5	0.43	<1	11	51	1912	3.7	0.06	<10	1.08	408	9	<.01	17	530	10	10	<20	6	<50	<.01	<10	29	<10	2	73
RMC35317	90.00	91.50	0.4	1.63	<5	8	1465	<5	0.4	<1	12	42	43	3.27	0.05	<10	0.96	339	<1	<.01	15	340	8	<5	<20	37	<50	<.01	10	21	<10	<1	64
RMC35318	91.50	92.50	<.2	1.38	<5	8	1565	10	0.3	<1	13	57	8	3.64	0.08	<10	0.84	268	<1	<.01	19	320	8	10	<20	38	<50	0.02	20	24	<10	<1	48
RMC35319	107.03	108.53	1.4	1.1	20	8	75	<5	1.03	2	12	39	284	3.55	0.08	<10	0.73	868	1	<.01	14	190	18	10	<20	20	<50	<.01	10	13	<10	<1	162

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
LN94-220																					
RMC35171	29.00	30.50	17.73	3.88	0.01	6.73	2.09	3.35	0.180	4.31	0.28	55.68	0.36	4.81	99.41	829.0	56	147.00	7.00	54.00	16.00
RMC35173	52.65	54.00	7.14	1.21	0.04	4.81	1.63	1.61	0.110	0.23	0.10	78.10	0.31	2.90	98.19	1490.0	46	43.00	7.00	77.00	18.00
RMC35150	76.40	77.60	16.82	4.81	0.01	5.76	3.78	2.67	0.150	0.83	0.26	59.23	0.36	5.58	100.26	1240.0	97	81.00	6.00	44.00	13.00
RMC35186	97.65	99.15	5.75	6.49	0.03	3.95	1.32	2.01	0.140	0.17	0.12	72.05	0.30	6.48	98.81	468.0	45	147.00	8.00	87.00	19.00
RMC35193	135.60	137.10	17.43	4.83	0.01	6.62	2.39	3.42	0.230	3.75	0.28	54.50	0.35	5.74	99.55	1320.0	67	249.00	8.00	59.00	14.00
RMC35197	152.20	153.15	18.17	3.72	<0.01	7.43	2.75	3.34	0.150	3.09	0.29	55.37	0.39	5.34	100.04	947.0	75	183.00	7.00	51.00	15.00
RMC35199	195.00	196.50	17.42	6.38	<0.01	6.35	3.75	2.75	0.210	1.51	0.27	54.90	0.37	6.55	100.46	1770.0	97	163.00	4.00	50.00	19.00
RMC35212	227.10	228.37	5.27	2.29	0.04	3.54	1.35	1.09	0.050	0.20	0.90	74.98	0.26	10.67	100.64	786.0	49	78.00	9.00	85.00	39.00
RMC35214	241.30	242.13	20.22	1.25	0.01	6.89	3.71	3.10	0.120	2.94	0.31	55.89	0.44	4.10	98.98	2580.0	94	115.00	4.00	53.00	6.00
RMC35224	277.15	278.10	17.82	3.18	0.01	6.96	2.96	3.15	0.150	3.06	0.29	56.47	0.37	5.08	99.50	1490.0	83	149.00	6.00	50.00	17.00
RMC35228	299.00	300.50	9.91	2.20	0.01	5.40	1.84	2.27	0.070	0.53	0.16	72.62	0.79	3.17	98.97	844.0	55	48.00	17.00	141.00	22.00
RMC35231	326.14	327.43	4.62	2.10	0.01	3.43	1.24	1.07	0.060	0.11	0.09	82.40	0.32	3.28	98.73	874.0	39	31.00	9.00	92.00	17.00
LN94-221																					
RMC35235	6.40	7.90	18.12	4.16	<0.01	7.24	1.62	3.17	0.150	5.22	0.30	52.97	0.44	5.94	99.33	1400.0	45	229.00	6.00	50.00	15.00
RMC35236	23.02	24.57	18.44	4.25	0.01	7.43	3.02	2.67	0.170	3.14	0.29	53.10	0.46	6.77	99.75	2320.0	77	145.00	8.00	50.00	18.00
RMC35252	69.15	70.65	12.66	2.08	0.03	3.98	3.04	1.33	0.040	0.33	0.08	71.14	0.71	4.74	100.13	3710.0	99	46.00	5.00	151.00	32.00
RMC35262	90.50	92.00	9.48	2.47	0.07	4.93	2.62	1.61	0.120	0.30	0.14	66.45	0.52	10.19	98.90	2250.0	87	49.00	7.00	98.00	28.00
RMC35270	99.55	101.00	3.21	1.90	0.01	1.82	0.87	0.97	0.060	0.15	0.01	88.54	0.15	2.60	10.09	1000.0	33	29.00	7.00	54.00	9.00
RMC35272	122.55	123.50	10.54	0.97	0.01	5.61	1.66	2.09	0.070	1.10	0.08	73.90	0.60	2.93	99.56	2870.0	48	44.00	45.00	315.00	72.00
RMC35273	138.76	140.10	10.39	0.77	0.02	5.62	2.16	1.79	0.090	0.45	0.12	73.16	0.88	2.76	98.21	2620.0	55	22.00	15.00	145.00	19.00
LN94-222																					
RMC35278	6.90	8.40	17.10	7.25	<0.01	7.15	2.98	3.31	0.200	1.47	0.28	51.72	0.43	8.34	100.24	2520.0	85	130.00	6.00	47.00	15.00
RMC35291	22.00	23.10	6.28	0.86	0.01	1.58	1.88	0.67	0.020	0.19	0.03	84.54	0.22	2.21	98.49	2270.0	52	19.00	5.00	93.00	16.00
RMC35306	41.70	43.20	3.26	2.08	0.03	2.41	0.84	0.61	0.040	0.13	0.03	87.02	0.14	2.41	99.00	1770.0	27	41.00	6.00	58.00	8.00
RMC35310	63.00	64.50	9.16	0.93	0.03	3.44	2.04	1.43	0.010	0.23	0.09	77.86	0.63	2.52	98.37	5930.0	65	70.00	10.00	103.00	22.00
RMC35313	86.00	87.00	9.14	0.54	0.01	4.46	1.15	2.17	0.030	0.99	0.11	78.80	0.59	2.36	100.35	1920.0	41	18.00	15.00	142.00	23.00
RMC35319	107.03	108.53	9.11	1.31	0.01	4.62	2.00	1.52	0.100	0.19	0.06	75.61	0.63	3.86	99.02	2540.0	60	32.00	6.00	121.00	21.00

APPENDIX IV

LISA NUNATAK

DIAMOND DRILLING
DETAILED COST STATEMENT

FOR HOLES

LN94-220, LN94-221, LN94-222

Lac Minerals Ltd.
Red Mountain Project

Lisa Nunatak
Diamond Drilling
Detailed Cost Statement

LN-220

Diamond Drilling

Date	Coring (Feet) From	To	Total Footage	Rate	Amount
Sept. 30	0	154	154	$ 17.90	$ 2,756.60
Oct. 1 - 2	154	500	346	$ 17.90	$ 6,193.40
	500	1000	500	$ 18.90	$ 9,450.00
	1000	1075	75	$ 20.10	$ 1,507.50
					$ 19,907.50

Man and Machine Hours

Date	Machine	Man	Total Hrs.	Rate	Amount
Sept. 30	2	18	20	$ 24.00	$ 480.00
Oct. 1	3		3	$ 24.00	$ 72.00
Oct. 2	3	6	9	$ 24.00	$ 216.00
					$ 768.00

Materials Used, Lost, or Damaged

Date	Quantity	Item	Cost	Amount
Sept. 30	4	5' BW Casing	$ 83.30	$ 333.20
	1	BW Casing Shoe	$ 165.00	$ 165.00
Oct. 1	1	BQTK Bit	$ 512.00	$ 512.00
Oct. 2	1	BQTK Bit	$ 512.00	$ 512.00
				$ 1,522.20

Assay Costs

Quantity	Item	Cost	Amount
59	Sample Prep	$ 4.68	$ 276.12
59	Au Assay	$ 9.41	$ 555.19
59	30 Element ICP	$ 5.23	$ 308.57
13	Whole Rock Prep	$ 1.10	$ 14.30
13	Whole Rock Assay	$ 22.88	$ 297.44
			$ 1,451.62

Helicopter Costs

Date	Hours	Helicopter	Rate	Amount
Sept. 30	4.0	Hughes 500D	$ 695.00	$ 2,780.00
	1.2	Bell 206B	$ 675.00	$ 810.00
Oct. 1	1.2	Bell 206B	$ 675.00	$ 810.00
	1.5	Hughes 500D	$ 695.00	$ 1,042.50
	0.3	Bell 205A-1	$ 1,760.00	$ 528.00
Oct. 2	1.1	Bell 206B	$ 675.00	$ 742.50
	3.0	Hughes 500D	$ 695.00	$ 2,085.00
	0.4	Bell 205A-1	$ 1,760.00	$ 704.00
				$ 9,502.00

Camp Costs

3 days x 4 drillers x $75/day — **$ 900.00**

Labour

Geologist:	4 days core logging @ $190/day	$ 760.00
Labourer:	2 days core sawing @ $100/day	$ 200.00
		$ 960.00

LN-220 Total Cost: $ 35,011.32

Lac Minerals Ltd.
Red Mountain Project

Lisa Nunatak
Diamond Drilling
Detailed Cost Statement

LN-221

Diamond Drilling

Date	Coring (Feet) From	To	Total Footage	Rate	Amount	
Oct. 3	0	500	500	$ 17.90	$ 8,950.00	
	500	524	24	$ 18.90	$ 453.60	
						$ 9,403.60

Man and Machine Hours

Date	Machine	Man	Total Hrs.	Rate	Amount	
Oct. 3	1	2	3	$ 24.00	$ 72.00	
						$ 72.00

Assay Costs

Quantity	Item	Cost	Amount	
40	Sample Prep	$ 4.68	$ 187.20	
40	Au Assay	$ 9.41	$ 376.40	
40	30 Element ICP	$ 5.23	$ 209.20	
7	Whole Rock Prep	$ 1.10	$ 7.70	
7	Whole Rock Assay	$ 22.88	$ 160.16	
				$ 940.66

Helicopter Costs

Date	Hours	Helicopter	Rate	Amount	
Oct. 3	0.6	Bell 206B	$ 675.00	$ 405.00	
	2.8	Hughes 500D	$ 695.00	$ 1,946.00	
	0.2	Bell 205A-1	$ 1,760.00	$ 352.00	
					$ 2,703.00

Camp Costs

1 day x 4 drillers x $75/day **$ 300.00**

Labour

Geologist: 2 days core logging @ $190/day	$ 380.00	
Labourer: 1.5 days core sawing @ $100/day	$ 150.00	
		$ 530.00

LN-221 Total Cost: $ 13,949.26

Lac Minerals Ltd.
Red Mountain Project

Lisa Nunatak
Diamond Drilling
Detailed Cost Statement

LN-222

Diamond Drilling

Date	Coring (Feet) From	To	Total Footage	Rate	Amount	
Oct. 4	0	370	370	$ 17.90	$ 6,623.00	
						$ 6,623.00

Man and Machine Hours

Date	Machine	Man	Total Hrs.	Rate	Amount	
Oct. 4	2	4	6	$ 24.00	$ 144.00	
						$ 144.00

Materials Used, Lost, or Damaged

Date	Quantity	Item	Cost	Amount	
Oct. 4	1	2' BW Casing	$ 54.50	$ 54.50	
	1	BW Casing Shoe	$ 165.00	$ 165.00	
					$ 219.50

Assay Costs

Quantity	Item	Cost	Amount	
44	Sample Prep	$ 4.68	$ 205.92	
44	Au Assay	$ 9.41	$ 414.04	
44	30 Element ICP	$ 5.23	$ 230.12	
6	Whole Rock Prep	$ 1.10	$ 6.60	
6	Whole Rock Assay	$ 22.88	$ 137.28	
				$ 993.96

Helicopter Costs

Date	Hours	Helicopter	Rate	Amount	
Oct. 4	0.8	Bell 206B	$ 675.00	$ 540.00	
	3.0	Hughes 500D	$ 695.00	$ 2,085.00	
	0.4	Bell 205A-1	$ 1,760.00	$ 704.00	
					$ 3,329.00

Camp Costs

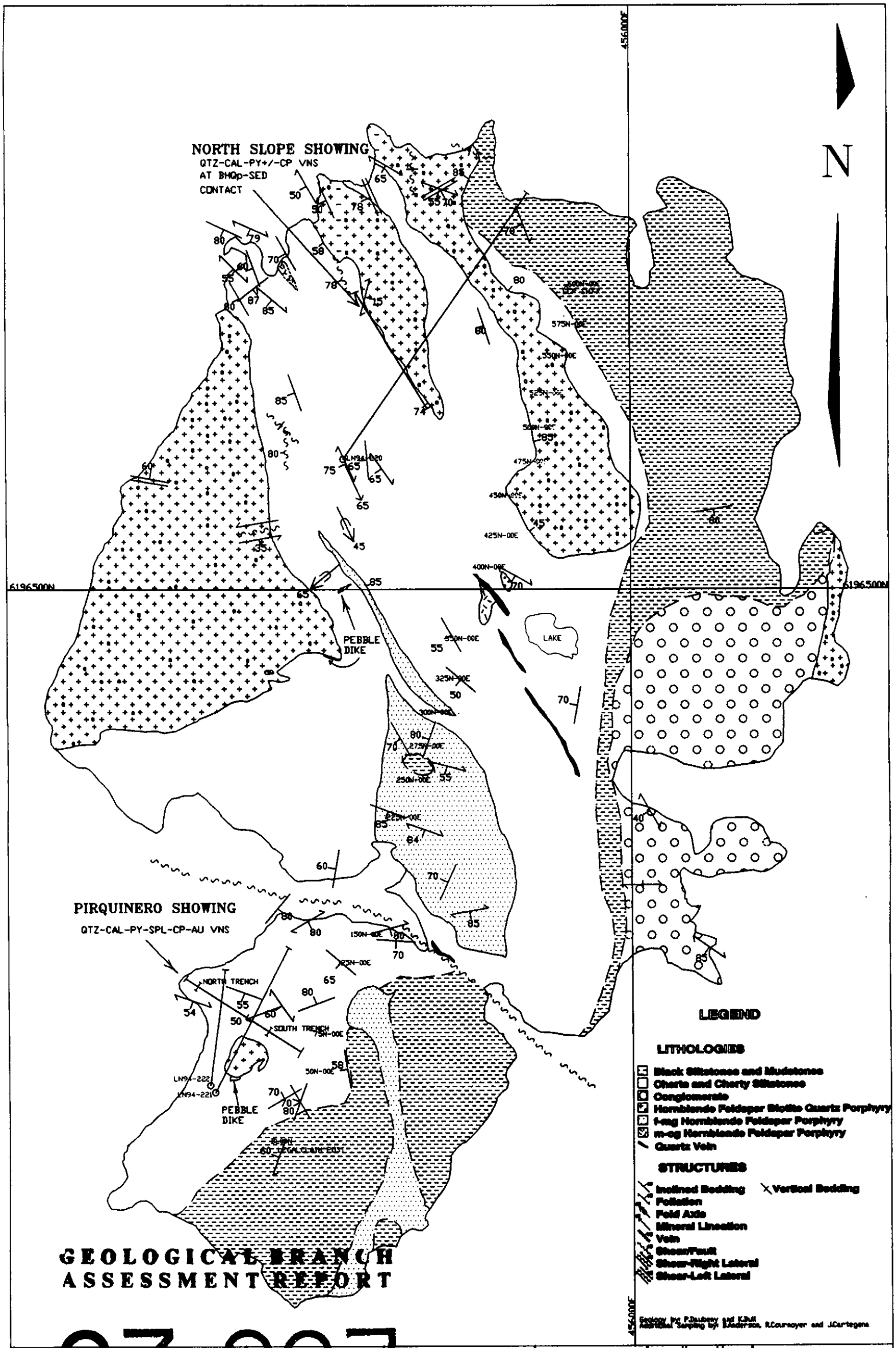
1 day x 4 drillers x $75/day **$ 300.00**

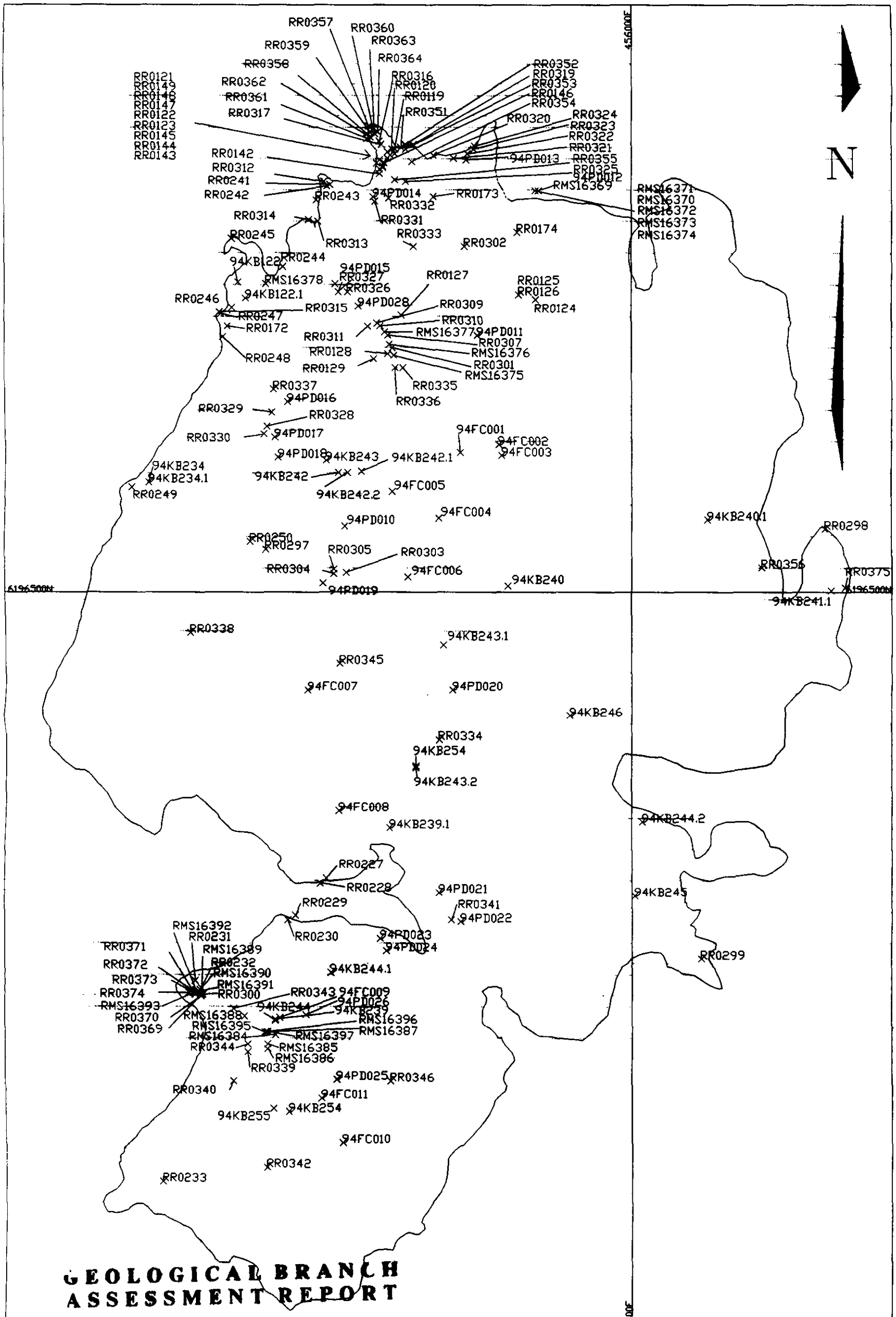
Labour

Geologist: 2 days core logging @ $190/day $ 380.00
Labourer: 1.5 days core sawing @ $100/day $ 150.00
$ 530.00

LN-222 Total Cost: $ 12,139.46

Lisa Nunatak Drilling Total Cost: $ 61,100.04

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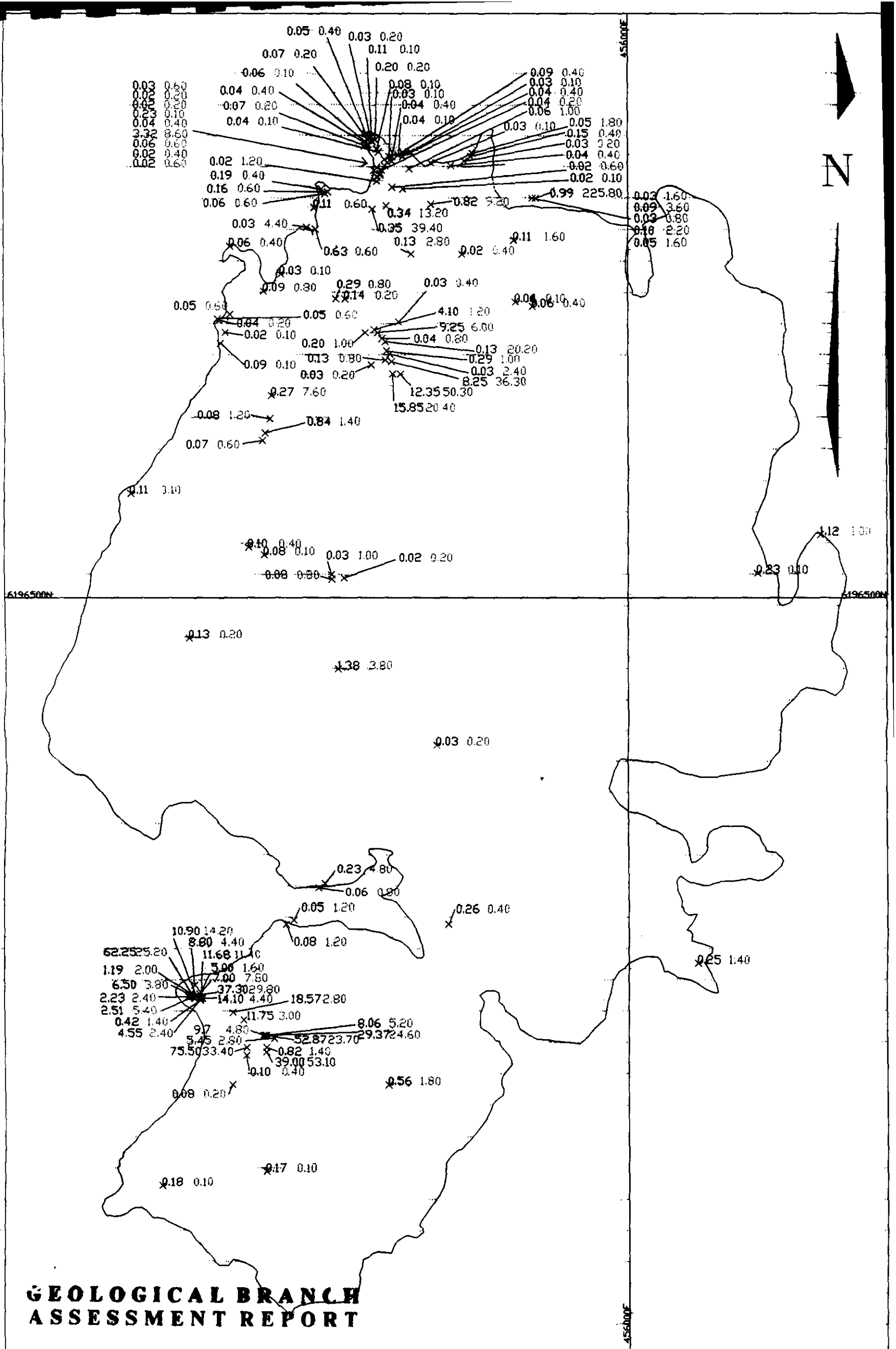

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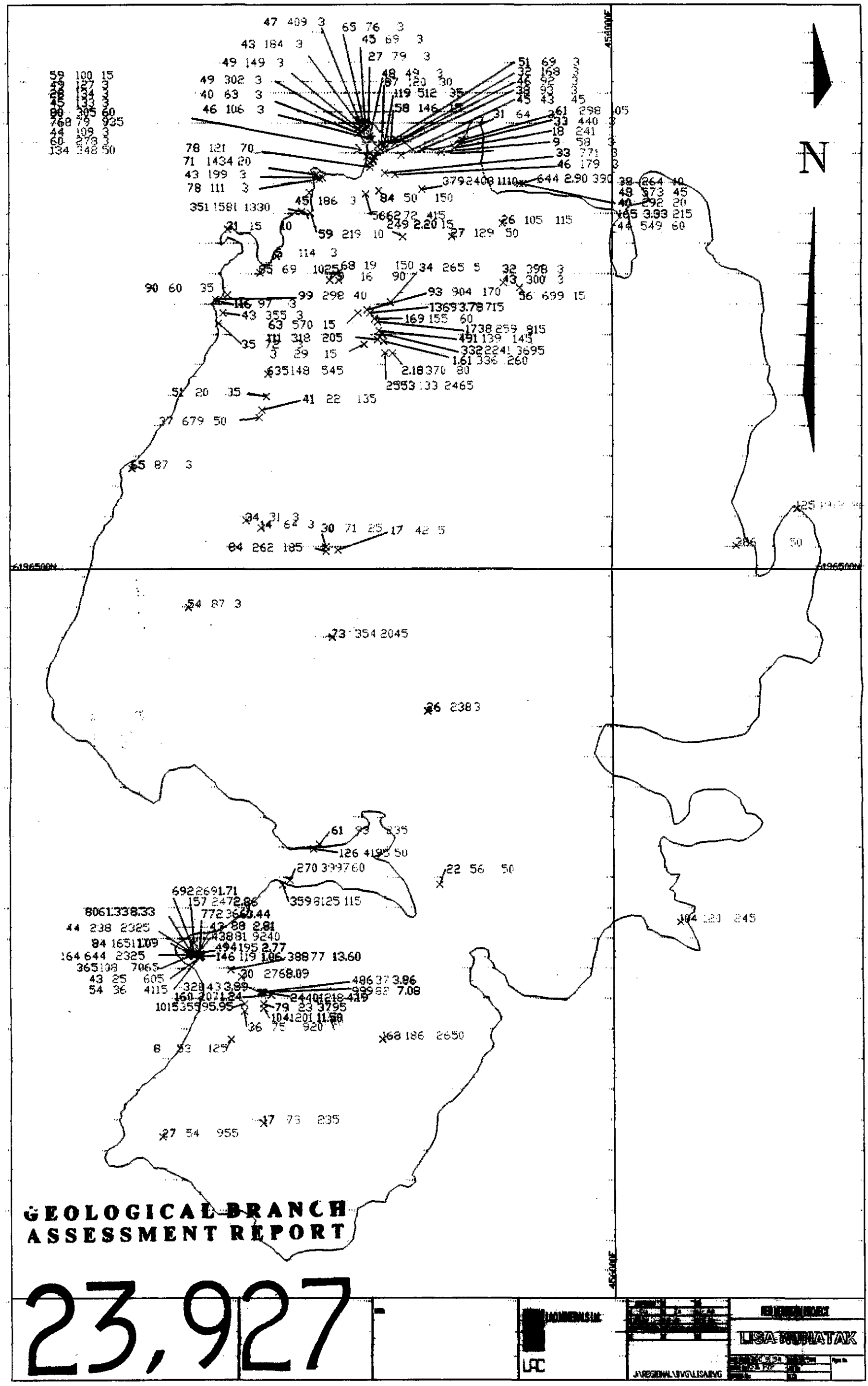

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