6076 PART 1

#6076

SHEFFIELD OPTION

NYLAND LAKE - B. C.

93-A-13, 93-B-16

PART I

GEOLOGY AND GEOCHEMISTRY.

93A/13W

MINERAL RESOURCES BRANCH

ASSESSMENT REPORT

NO. 6076

PART 1

SHEFFIELD OPTION

NYLAND LAKE - B. C.

93-A-13, 93-B-16

PART I

GEOLOGY AND GEOCHEMISTRY

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SHEFFIELD OPTION

NYLAND LAKE - B. C.

93-A-13, 93-B-16

PART 1

GEOLOGY AND GEOCHEMISTRY.

1. INTRODUCTION

1.1 The claims near Nyland Lake were acquired under terms of an option agreement, dated 21 June 1976, with Father John C. Sheffield of Salmon Arm, B. C. The option by Rio Tinto was prompted by the examination by E. W. Johnson of reported mineralization on the claims in 1975.

Rio carried out a geochemical soil sampling programme, some geological mapping and an I. P. and magnetic survey in 1976 to determine if the mineralization seen was more extensive and might indicate a larger porphyry type body in the area.

Results of this work are described in this report in two parts;

Part I Geology and Geochemistry
by D. Petersen.

Part II Geophysics
by J. McCance.

Maps displaying the results of all the work accompany the report.

MAPS #1 SOIL SAMPLE LOCATION
#2 GEOLOGY & SOIL SAMPLE LOCATION
#3 GEOCHEMISTRY CU MO
#4 GEOCHEMISTRY CU MO RESULTS IN P.P.M.

1.2 Location and Access

The property consisting of seven claims of the MGS type and four older claims lie at approximate geographic coordinates 52° 45' N, 122° 00' W immediately to the NE and SE of Nyland Lake, 40 km due SE of Quesnel.in N.T.S. areas 93-A-13 W and 93-B-16 E. The accompanying Location Map, DWG L 6433 shows the position.

The property is reached by 2 lane logging road that turns South from the Quesnel-Barkerville highway 16 km east of Quesnel and thence approximately 40 km southwards to Nyland Lake. From there a narrow jeep road continues eastwards through the claims. A B. C. Forest Service camp is maintained at Nyland Lake.

1.3 Topography and Vegetation

The area of the claims is gently rolling and covered by mature growths of pine trees. Tag alders occur in swampy low ground.

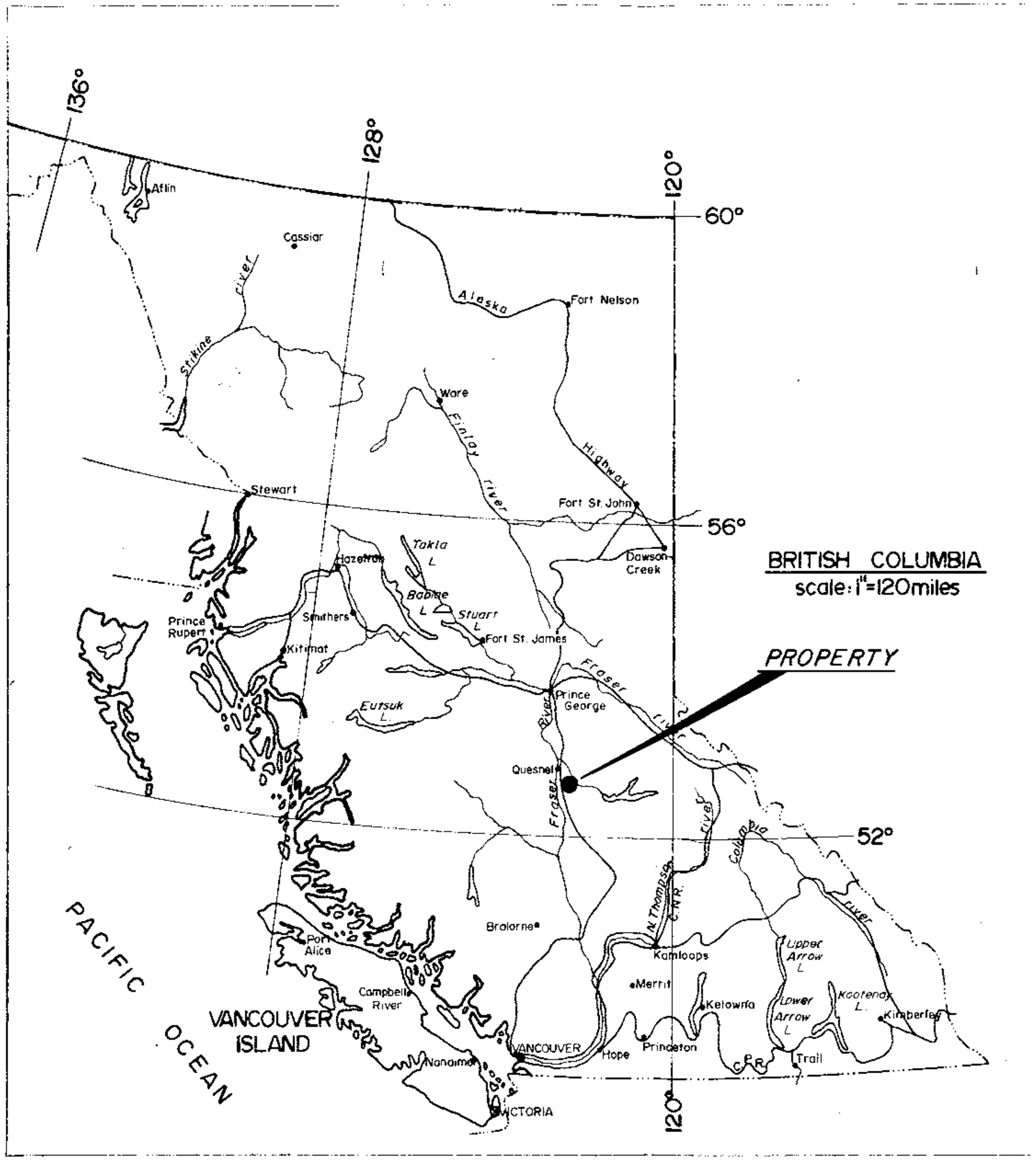
1.4 History

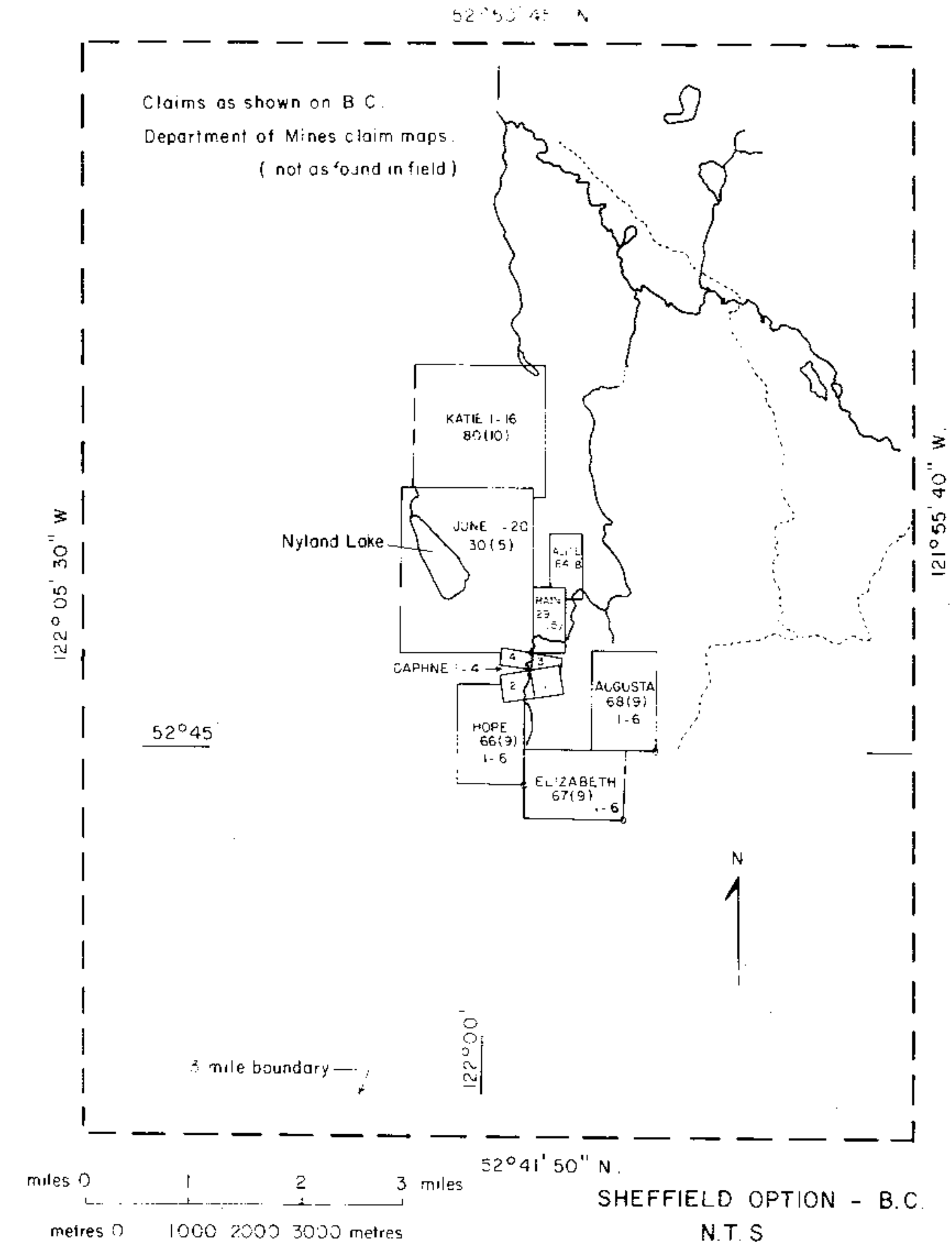
Certainly the area was prospected by the placer miners during the Cariboo rush and later by Homesteaders, but no discoveries were apparently made.

The first work in the area of the property was seemingly in the 1960's when the principles of the present Hogan Mines Ltd. drilled 3 AX holes near the molybdenum showing. One of these holes was located during the current work. Core is found scattered near a cabin shown on the grid at 1800 N, 570 E. (DWG GC 8477.)

P. E. Fox and Associates worked in July 1975 on the Maud claims covering a magnetically high anomaly to the south.

Sheffield and an associate staked the DAPHNE claims in 1974 and the others in 1975, and carried out prospecting and trenching.





SHEFFIELD OPTION - B.C.
N.T.S
93-A-12,13
93-B-9,16

MINERAL RESOURCES BRANCH
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RIO TINTO CANADIAN EXPLORATION LTD.

SHEFFIELD OPTION - B.C.

LOCATION MAP

NOV. 1976	D.P. / y.m.	DWG. L-6433

Rio Tinto acquired an option on the claims in 1976.

1.5 Property

The property covers approximately 3,000 acres and consists of the following;

Claim	Units
Daphne 1-4	(4)
Alice	2
Augusta	6
Elizabeth	6
Hope	6
Katie	16
June	20

All are in the Cariboo Mining Division and were held in the name of John Sheffield. Bills of Sale transferring the claims to Rio Tinto were executed with signing of the option.

Details of the claims, expiry dates etc., are given in the Appendix A-Schedule of Claim.

2. REGIONAL GEOLOGY

The area of the option falls, structurally, within the Quesnel Trough, a tectonic division trending N-S, that extends from the Canada/U.S. border, south of Princeton to east of Quesnel. This trough is important in that many of the copper and molybdenum producers of B. C. are found within its limits.

The rock types in the Nyland Lake area have been described by Tipper (1959) and Campbell (1961).

The oldest rocks are volcanic, of andesitic composition, of Triassic age, with breccias and interbedded argillites, conglomerates and limestones. Cretaceous intrusions of monzonitic granodioritic and dioritic composition intrude the earlier layered rocks. Tertiary basalts cover some of the area.

The published maps do not recognize intrusives within the optioned claims - showing them only to be covered entirely by glacial drift. No significant mineral prospects are known in the vicinity of the claims.

3. WORK BY RIO TINTO

Following agreement on the option, Rio commenced work in June 1976 and completed soil sampling, mapping, magnetic and I. P. surveys by mid-August.

3.1 Grid Flagging

To provide survey control for subsequent work, the jeep road was laid out as a base line by chain and compass.

Lines for soil sampling, which was done simultaneously, were run off the road, and flagging marking the location and bearing coordinates was hung at each sample station. Claim posts and the few outcrops were tied into this grid.

Due to magnetic features causing distortions, the lines were later found to deviate. This deviation, while not important for geochemistry, was sufficient to warrant a correction for the geophysical grid. Four lines 14 N, 16 N, 18 N, 22 N, were laid out by picket sighting and cut for the geophysics .

3.2 Geological Mapping

Mapping of the few discovered outcrops was done by the writer during and confined to the area and lines covered by the soil sample survey. Only three areas of outcrop were found. Others were noted but not mapped due to the high water level in streams.

3.3. Geochemical Soil Sampling

A large part of the optioned area was covered by geochemical soil sampling, which was carried out by R. Basnett, B. Hackett, and the writer. Samples were collected but, due to the lack of encouragement in early results, and as the sampling was of a reconnaissance nature, only some, i.e., those on alternate lines and/or at alternate stations were eventually analyzed. The remainder were held in the event of encouraging results that did not materialize.

Of the total samples collected 664 were finally analyzed for Cu and Mo and of these 364 were also measured for the Pb, Zn and Ag contents.

Samples were collected at stations 25 or 50 metres apart along East-West lines that were spaced 100 metres apart. The sample stations are shown on DWG G.C.8477 & 8 Where, due to ground conditions such as swamp, a sample could not be collected the station is marked N.S., but accorded a number.

Samples were collected by digging into the 'B' horizon with a shovel and placing approximately 200 grams of this material in a brown Kraft paper bag. Each bag was numbered and sent to the Rio Tinto Canadian Exploration laboratory in Vancouver for analysis.

A total of 1439 samples were collected.

There, the samples were dried, sieved to -80 mesh; 0.6 grams of this material was placed in a test tube, and 2 millilitres of nitric acid and 1 millilitre of perchloric acid added to the test tube. After diluting the contents to 12 millilitres by adding water, the resultant sample was analyzed for Cu, Mo and Pb, Zn and Ag on a Techtron AA5 atomic absorbtion spectrophotometer. E. Paski Jr. was the analyst.

The results are shown on drawings GC-8479 and GC-8480 and listed on laboratory reports attached as Appendix B.

3.4 Geophysical Surveys

Magnetic and I. P. surveys were carried out over a restricted portion of the property, centred over the main known occurrence of molybdenite. Details of the work done, the methods used, personnel and results of this work,are described in Part II of this report, by J. McCance and accompanied by maps.

4. RESULTS OF WORK

4.1 Geological Mapping

Few outcrops exist and all were within the central area near those of the showings. Except for those uncovered by stripping, the outcrops are in stream beds cut into several feet of glacial cover. As water levels were high at the time of working many of these were inaccessible and observations are drawn from those of E. W. Johnson in 1975.

4.1.1. Showings

The main showing located at 2,000 N, 00' W is located along a 150 m EW bend in a NS flowing creek. Diorite is exposed beneath a steep bank. The diorite is fresh medium grained, but locally fractured and sheared.

Dykes of aplite, of undetermined extent cut the diorite on the creek bed. In the aplite and in fractures and shears in the diorite molybdenite occurs with quartz in small stringers - as specks in the aplite and dusty fracture coatings in the diorite. The main fracture direction bearing molybdenite is 290°. Alteration is weak, but some pyrite and sericite appears related to the aplite intrusion.

A grab sample of aplite from this location yielded 0.011% MoS_2 and a quartz vein with molybdenite coatings gave 0.501% MoS_2.

At 2,170 N,075 E, fine grained molybdenite and disseminated pyrite are found in a fresh fractured aplite exposed by stripping beside the creek. Molybdenite also occurs in exposures below water level.

At 1,600 N, 50 W a large bulldozer scraping has exposed fresh diorite with staining by limonite on fractures. Minor ferrimolybdite was noted on fracture coatings, but molybdenite was noted only as a rare discreet speck. Fracturing was of the same strikes etc., as at the main showing.

4.2 Geochemical Soil Sampling

Results of the analyses of the 664 samples are shown for Cu and Mo on the map DWG. G.C.- 8479 & 8480 with this report.

Results for analysis for Pb, Zn and Ag were not plotted as they were, on scrutiny, seen to be uniformly low and of no assistance in defining anomalous areas etc. They are listed in Appendix B.

Values for Cu and Mo also appear generally low in background, Cu 10-20 ppm, Mo 1-2 ppm.

No anomalies of any consequence were interpreted from these results. One area of twice to three times background continues from L53 to L57 on the Katie claim (DWG-G.C.-8480), but these higher values are restricted to a swamp and accordingly ascribed to concentration within it.

Higher molybdenite and copper values also occur L51 N near it's western end, but again are ascribed to a poor development of the B soil horizon and generally low swampy ground.

Neither copper nor molybdenite values are seen to be higher near or over the showings.

4.3 Geophysical Surveys

4.3.1. I. P. Survey

The results of this are discussed fully in the Part II of this report by J. McCance.

The lack of any anomaly indicates that there is no major zone of sulphides as might have been expected from any major body of the molybdenite seen in mineralization in the trenches. This is accompanied by several percent of pyrite that in a large body might also accompany the molybdenite or form a halo around it.

The lack of I. P. targets is also in accord with the distinct lack of anomalous metals in the soils.

4.3.2 Magnetic Survey

The magnetic results do not display any features that are relatable to the known showings or possible extensions of them as larger mineralized masses.

5. D I S C U S S I O N

Porphyry-type molybdenum deposits, under conditions normally encountered in the Canadian Cordillera, would be expected to occur as a stockwork or multiple vein system of quartz-molybdenite stringers or veins in an altered host rock. Enveloping this mineralization, either completely or partially, a pyrite or magnetite zone can be expected to occur.

In an area of almost pervasive overburden, a bulk molybdenum deposit would be expected to underlie an area of anomalous geochemical response, and depending on the shape and size of the pyrite and/or magnetite halo, by a corresponding zone of chargeability (pyrite), and/or magnetic susceptibility (magnetite).

The fact that the geochemical soil sampling, the induced polarization, and the magnetometry show no such association, suggests that the area surveyed is unlikely to contain a porphyry-type deposit of mineable size or grade.

6. CONCLUSIONS & RECOMMENDATIONS

The programme conducted on the above claims has failed to outline any characteristics that are normally expected to be associated with porphyry-type deposits of mineable size and grade.

There is no reason to suspect that such a body exists in the area that has been explored.

No further work appears warranted.

D.B. Petersen

Vancouver
November, 1976

D. B. Petersen
Member of Association of
Professional Engineers of B.C.

R E F E R E N C E S

Campbell, R. B., 1961, Geology Quesnel Lake (West Half), British Columbia; G.S.C. Map 3-1961

Tipper, H. W., 1959, Geology Quesnel, Cariboo District, British Columbia; G.S.C. Map 12-1959.

G. S. C. 1961 Aeromagnetic Magnetic Map
No. 1534 G. Swift River
93-A-13
No. 1539 G Quesnel River
93-B-16

APPENDIX A

Schedule of Claims

Claim Name	Record No.	Expiry Date
Alice	64	August 22, 1978
Augusta	68	September 12, 1978
Daphne 1-4	72370-72373	August 19, 1979
Elizabeth	67	September 12, 1977
Hope	66	September 12, 1978
Katie	80	October 9, 1977
June	30	May 16, 1978
Raini	29	May 16, 1978

All in the Cariboo Mining District Division.

APPENDIX B

RESULTS OF GEOCHEM ANALYSES

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Pb	Zn			COMMENTS
1	7607220		ND	18	ND	2	33			✓
2	221		ND	22	1	2	28			✓
3	222		ND	22	1	2	33			✓
4	223		ND	21	1	2	33			✓
5	224		0.1	21	1	2	38			✓
6	225		ND	12	1	2	22			✓
7	226		ND	22	1	ND	48			✓
8	227		0.3	38	1	1	69			✓
9	228		0.6	98	2	3	90			✓
10	229		0.1	24	1	1	30			✓
1	230		0.3	24	1	1	55			✓
~~2~~	~~STD 2~~		~~1.0~~	~~24~~	~~23~~	~~335~~	~~210~~			✓
3	231		0.2	16	ND	ND	30			✓
4	232		0.5	19	1	2	48			✓
5	233		0.4	19	1	2	64			✓
6	238		0.1	23	1	ND	38			✓
7	239		0.3	16	ND	2	47			✓
8	240		0.2	19	ND	1	40			✓
9	241		0.1	12	1	1	50			✓
20	242		0.2	28	ND	2	51			✓
1	243		0.2	39	1	2	51			✓
~~2~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~			✓
3	244		0.2	32	1	2	40			✓
4	245		0.1	16	1	2	34			✓
5	246		0.2	15	ND	2	38			✓
6	247		0.1	18	1	ND	32			✓
7	248		0.2	17	1	1	36			✓
8	249		0.2	25	1	2	80			✓
9	250		0.1	15	1	1	36			✓
30	252		0.1	28	1	2	49			✓
1	253		0.3	19	1	ND	42			✓
2	254		0.1	15	1	2	35			✓
3	255		0.2	16	1	1	34			✓
4	256		0.7	68	1	2	98			✓
5	257		0.1	26	1	2	38			✓
6	258		0.1	10	1	2	36			✓
7	259		ND	18	1	2	36			✓
8	262		0.1	18	1	3	47			✓
9	264		ND	11	1	2	32			✓
40	7607265		ND	13	ND	3	55			✓

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº	SAMPLE Nº (NMBR)		Ag	Cu	Mo	Pb	Zn			COMMENTS
41	7607267		0.1	15	1	2	37			✓
2	268		0.1	13	1	1	46			✓
3	269		ND	14	1	1	44			✓
4	270		ND	14	1	1	29			✓
5	271		ND	20	1	8	34			✓
6	272		ND	17	ND	3	38			✓
7	273		0.1	22	1	1	44			✓
8	274		ND	17	1	ND	45			✓
9	275		0.2	36	1	2	52			✓
50	276		0.1	32	1	2	54			✓
1	277		0.2	20	ND	ND	36			✓
2	278		ND	18	1	ND	37			✓
~~3~~	~~STD 3~~		~~0.2~~	~~33~~	~~1~~	~~4~~	~~50~~			✓
4	279		0.3	32	1	2	80			✓
5	280		0.3	23	1	3	65			✓
6	281		0.2	20	1	2	48			✓
7	282		0.1	21	1	1	37			✓
8	283		0.3	24	1	ND	44			✓
9	284		0.2	23	1	1	48			✓
60	285		0.2	20	1	1	34			✓
1	286		0.1	14	1	2	26			✓
2	287		0.2	16	1	3	31			✓
~~3~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~			✓
4	288		ND	13	1	2	28			✓
5	289		0.1	12	ND	3	29			✓
6	290		ND	23	1	1	47			✓
7	291		0.1	19	1	2	56			✓
8	292		ND	18	ND	1	30			✓
9	293		ND	19	ND	ND	36			✓
70	294		0.3	32	1	3	50			✓
1	295		0.2	18	1	3	47			✓
2	296		0.2	14	1	3	46			✓
3	297		0.1	20	ND	1	38			✓
4	7607298		ND	23	ND	2	86			✓
5	7607300		ND	21	1	ND	35			✓
6	301		0.2	15	ND	1	33			✓
7	302		0.2	15	ND	2	40			✓
8	303		0.2	20	1	1	29			✓
9	304		ND	11	1	1	24			✓
80	7607305		0.2	20	1	2	35			✓

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Pb	Zn			COMMENTS
81	7607306		0.1	8	ND	2	23			✓
2	307		0.1	19	1	1	36			✓
3	308		0.2	18	1	1	36			
4	309		0.1	16	1	2	25			
5	310		0.2	15	1	1	28			
6	311		0.2	16	1	1	33			
7	312		0.1	17	ND	1	37			✓
8	313		0.1	24	ND	2	40			✓
9	314		0.1	22	ND	1	52			✓
90	315		0.1	28	1	3	50			✓
1	316		0.1	13	1	2	34			✓
2	317		0.2	33	ND	4	55			✓
3	318		0.2	17	1	3	34			✓
~~4~~	~~STD 1~~		~~0.2~~	~~12~~	~~1~~	~~26~~	~~820~~			✓
5	319		ND	14	1	2	29			✓
6	320		ND	15	1	1	35			✓
7	322		0.1	17	1	2	30			✓
8	323		0.1	16	1	1	28			✓
9	324		0.1	19	1	ND	40			✓
100	325		0.2	16	1	ND	38			✓
1	326		0.2	15	1	ND	25			✓
2	327		0.2	20	ND	ND	38			✓
3	351		0.1	17	1	ND	32			✓
~~4~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~			✓
5	352		0.1	24	ND	ND	50			✓
6	353		0.2	28	1	ND	64			✓
7	354		0.2	17	1	2	37			✓
8	355		0.1	19	ND	ND	39			✓
9	356		0.1	18	1	1	34			✓
110	357		0.2	24	ND	2	36			✓
1	358		0.4	15	ND	3	44			✓
2	359		0.1	18	ND	ND	39			✓
3	360		0.3	17	1	1	38			✓
4	361		ND	20	1	2	34			✓
5	362		0.3	25	ND	4	70			✓
6	363		0.1	13	ND	1	24			✓
7	364		0.2	18	ND	3	36			✓
8	366		0.1	19	ND	1	28			✓
9	367		0.2	15	1	1	62			✓
120	7607368		0.1	12	ND	2	30			✓

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LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Pb	Zn			COMMENTS
121	7607369		0.3	13	ND	2	46			✓
2	370		0.2	26	1	2	38			✓
3	371		ND	14	1	2	31			✓
4	372		0.3	10	1	2	62			✓
5	373		0.2	19	1	1	35			✓
6	374		0.1	15	ND	3	31			✓
7	375		ND	5	ND	2	11			✓
8	377		0.2	18	1	1	24			✓
9	378		0.1	19	1	2	39			✓
130	379		0.1	19	1	1	39			✓
1	381		0.1	15	ND	2	55			✓
2	382		ND	17	1	3	36			✓
3	383		ND	21	1	2	47			✓
4	385		ND	19	1	2	48			✓
5	387		0.2	20	1	2	50			✓
6	7607388		0.7	57	3	3	48			✓
7	~~STD 2~~		~~1.0~~	~~26~~	~~23~~	~~340~~	~~210~~			
8	BLANK		ND	ND	ND	ND	ND			
9	7607229		0.2	25	1	1	30			
140	7607246		0.2	16	1	2	39			
1	7607262		0.3	20	ND	2	50			
2	7607277		0.2	22	1	ND	36			
3	7607290		0.1	22	1	2	45			
4	7607304		0.1	12	1	1	23			
5	7607317		0.1	33	1	3	54			
6	7607354		0.2	17	1	2	35			
7	7607368		0.1	13	1	2	30			
8	7607388		0.6	54	2	2	46			
9										
150										
1										
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5										
6										
7										
8										
9										
160										

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PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Pb	Zn			COMMENTS
1	7607389		ND	26	1	3	36			
2	90		0.1	12	1	4	42			
3	91		0.2	21	1	2	38			
4	92		0.3	9	1	4	30			
5	93		0.2	12	1	4	38			
6	94		0.2	9	1	4	40			
7	95		ND	8	1	3	22			
8	96		0.1	13	1	1	32			
9	97		0.2	15	1	3	47			
10	98		0.2	19	1	3	36			
1	7607399		0.2	17	1	2	33			
~~2~~	~~STD 3~~		~~0.1~~	~~33~~	~~1~~	~~9~~	~~46~~			
3	7607400		0.2	16	1	1	36			
4	01		0.1	13	ND	2	28			
5	02		0.4	28	1	3	52			
6	03		0.1	16	1	2	36			
7	04		0.3	20	1	3	43			
8	05		0.2	17	1	4	35			
9	06		0.4	30	1	5	62			
20	07		ND	13	1	2	21			
1	08		ND	9	ND	2	28			
~~2~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~			
3	09		0.4	34	1	6	55			
4	10		0.4	36	3	9	63			
5	11		0.7	63	3	12	86			
6	12		0.2	20	2	5	52			
7	13		0.3	26	3	4	38			
8	14		0.4	58	2	7	68			
9	15		0.4	80	2	6	56			
30	17		0.2	43	2	4	38			
1	18		0.2	33	2	3	34			
2	20		0.3	31	3	5	87			
3	21		0.2	56	2	5	100			
4	24		0.2	36	2	5	54			
5	26		0.6	87	2	7	113			
6	7607427		0.3	28	2	7	136			
7	28		0.4	26	3	9	45			
8	29		0.4	13	2	5	73			
9	30		0.3	23	1	4	70			
40	7607431		0.2	19	1	7	70			

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Pb	Zn			COMMENTS
41	7607432		0.3	29	2	4	60	''		
2	33		0.3	34	2	5	88	''		
3	34		0.2	35	2	5	47	''		
4	35		0.3	39	2	7	59	''		
5	36		0.3	40	3	2	84	''		
6	37		0.1	22	1	3	46	''		
7	38		0.4	21	1	6	29	''		
8	39		0.1	12	ND	3	33	''		
9	42		0.4	48	2	3	47	''		
50	43		0.2	26	2	4	34	''		
1	44		0.3	32	2	5	54	''		
2	7607445		0.8	87	2	7	72	''		
~~3~~	~~STD 1~~		~~0.1~~	~~12~~	~~2~~	~~27~~	~~820~~			
4	7619051		0.1	8	1	2	26	''		
5	53		ND	22	ND	5	25	''		
6	55		0.2	13	1	4	47	''		
7	56		0.2	27	1	5	37	''		
8	59		0.7	43	2	4	70	''		
9	60		0.3	14	1	2	26	''		
60	61		0.5	23	2	5	35	''		
1	62		0.3	25	1	4	39	''		
2	63		0.2	27	3	4	64	''		
~~3~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~			
4	64		0.2	36	2	8	63	''		
5	65		0.3	19	1	4	65	''		
6	66		0.2	19	1	3	57	''		
7	67		0.2	22	2	4	120	''		
8	68		0.2	11	1	5	54	''		
9	69		ND	16	1	4	36	''		
70	70		0.2	11	1	4	58	''		
1	72		0.4	16	1	4	75	''		
2	73		0.3	23	ND	3	28	''		
3	74		0.4	27	1	3	46	''		
4	75		0.2	33	1	6	42	''		
5	76		0.1	17	1	3	32	''		
6	77		0.4	32	1	5	47	''		
7	78		0.4	13	ND	3	28	''		
8	79		0.2	12	ND	1	42	''		
9	80		0.4	19	1	1	67	''		
80	7619081		0.1	6	ND	3	18	''		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Pb	Zn			COMMENTS
81	7619082		0.2	6	ND	2	18			
2	83		ND	17	1	2	25			
3	87		0.2	37	2	4	36			
4	88		0.2	9	1	3	16			
5	7619093		0.1	11	2	4	23			
6	7619102		0.9	54	3	6	80			
7	103		0.1	11	2	2	26			
8	7619104		0.1	12	1	2	26			
~~9~~	~~7607399~~		~~0.1~~	~~17~~	~~1~~	~~2~~	~~34~~			
90	7607412		0.2	21	2	6	56			
1	7607420		0.3	30	2	4	86			
2	7607433		0.3	34	2	7	86			
3	7619053		0.1	22	1	5	27			
4	7619065		0.4	19	1	3	68			
5	7619076		0.2	17	1	3	32			
6	7619104		0.2	12	1	2	26			
7										
8										
9										
100										
1										
2										
3										
4										
5										
6										
7										
8										
9										
110										
1										
2										
3										
4										
5										
6										
7										
8										
9										
120										

REPORT Nº. 76-30

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Pb	Zn			COMMENTS
1	7619052		0.2	20	1	3	38	✓✓		
2	054		ND	11	1	4	38	✓✓		
3	057		0.3	57	2	4	52	✓✓		
4	058		0.2	12	1	6	60	✓✓		
5	071		ND	13	1	2	34	✓		
6	084		ND	49	1	7	58	✓✓		
7	090		ND	12	2	3	22	✓✓		
8	091		ND	11	1	3	22	✓✓		
9	092		0.2	9	1	4	20	✓✓		
10	094		ND	11	1	2	28	✓		
1	096		ND	17	2	4	30	✓✓		
2	097		0.2	56	4	7	74	✓✓		
3	098		ND	14	2	3	35	✓✓		
~~4~~	~~STD 1~~		~~0.1~~	~~12~~	~~1~~	~~26~~	~~770~~			
5	099		0.2	56	2	6	63	✓✓		
6	7619100		ND	14	ND	3	37	✓✓		
7	101		ND	17	1	4	42	✓✓		
8	105		ND	15	2	3	30	✓✓		
9	109		ND	32	2	6	49	✓✓		
20	110		ND	21	2	6	56	✓✓		
1	111		ND	10	1	4	24	✓✓		
2	112		ND	14	ND	4	24	✓✓		
3	113		ND	7	ND	3	24	✓✓		
~~4~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~			
5	114		ND	8	1	4	26	✓✓		
6	115		ND	11	1	4	32	✓✓		
7	116		ND	10	ND	4	21	✓✓		
8	117		ND	20	1	5	39	✓✓		
9	118		ND	15	1	3	30	✓✓		
30	119		ND	17	1	3	30	✓✓		
1	120		ND	16	ND	4	20	✓✓		
2	121		ND	11	ND	4	32	✓✓		
3	122		ND	45	2	4	44	✓✓		
4	123		ND	17	ND	2	24	✓✓		
5	124		ND	12	ND	2	29	✓✓		
6	125		ND	33	1	3	38	✓✓		
7	126		ND	20	1	4	38	✓✓		
8	127		ND	31	1	4	40	✓✓		
9	128		ND	19	1	4	38	✓✓		
40	7619129		ND	16	1	3	24	✓✓		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Pb	Zn			COMMENTS
41	7619130		ND	11	1	7	120			
2	131		0.4	62	2	8	70			
3	132		ND	12	2	4	38			
4	133		0.3	46	5	10	134			
5	134		0.1	44	5	4	35			
6	135		0.3	28	2	4	84			
7	136		0.1	20	2	4	36			
8	137		0.1	23	1	5	31			
9	138		0.2	22	2	5	54			
50	139		ND	19	1	4	42			
1	140		ND	13	ND	4	39			
2	141		ND	11	3	7	44			
3	142		0.1	24	1	2	73			
4	143		0.1	26	ND	3	47			
~~5~~	~~STD 2~~		~~1.0~~	~~27~~	~~27~~	~~340~~	~~220~~			
6	144		0.1	17	ND	5	80			
7	145		0.8	84	3	11	105			
8	146		0.1	35	2	6	53			
9	147		0.2	22	1	3	50			
60	148		ND	25	1	4	42			
1	149		ND	19	2	4	44			
2	150		ND	32	5	4	47			
3	153		0.1	11	1	5	41			
4	154		0.2	25	1	4	50			
~~5~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~			
6	155		0.1	37	1	4	50			
7	156		0.1	35	1	5	52			
8	157		0.1	17	ND	4	40			
9	158		0.2	22	ND	5	40			
70	159		0.1	13	ND	3	38			
1	160		ND	12	1	4	42			
2	163		ND	17	2	3	23			
3	164		ND	12	1	4	20			
4	165		ND	26	1	4	30			
5	166		ND	19	1	4	24			
6	167		ND	16	1	3	30			
7	168		0.1	15	ND	5	42			
8	169		ND	12	ND	ND	21			
9	170		ND	12	ND	2	32			
80	7619171		ND	7	1	3	20			

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Pb	Zn			COMMENTS
81	7619172		ND	9	1	3	24			
2	173		ND	8	2	4	30			
3	174		ND	11	2	4	20			
4	175		0.1	9	1	5	22			
5	176		ND	9	ND	3	24			
6	177		0.1	7	1	4	24			
7	178		0.1	15	1	5	25			
8	179		0.1	31	1	4	48			
9	180		0.1	7	1	3	32			
90	181		ND	21	1	4	44			
1	182		ND	20	1	3	38			
2	183		ND	14	1	3	39			
3	184		0.2	22	1	4	50			
4	185		0.2	20	2	4	72			
5	186		0.1	31	1	3	54			
~~6~~	~~STD 3~~		~~0.1~~	~~33~~	~~1~~	~~7~~	~~52~~			
7	187		0.2	44	1	2	43			
8	188		0.2	25	1	2	47			
9	189		0.1	23	1	3	68			
100	190		ND	19	1	3	35			
1	191		0.1	18	1	3	58			
2	192		0.2	24	1	3	64			
3	195		ND	33	2	4	38			
4	196		0.1	15	3	4	46			
5	197		0.2	21	1	5	46			
~~6~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~			
7	198		0.1	15	1	3	38			
8	199		ND	29	3	4	33			
9	7619200		0.6	46	4	6	92			
110	201		0.4	32	4	7	84			
1	203		0.2	16	1	4	108			
2	204		0.1	29	ND	2	47			
3	205		ND	22	ND	4	48			
4	206		ND	17	ND	5	~~36~~	34		
5	207		ND	17	ND	4	~~40~~	36		
6	208		ND	23	ND	4	~~34~~	40		
7	209		ND	12	ND	3	~~20~~	34		
8	211		ND	10	1	3	~~84~~	20		
9	212		ND	26	1	3	~~28~~	34		
120	7619213		ND	14	1	4		28		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Pb	Zn			COMMENTS
81	7619172		ND	9	1	3	24			
2	173		ND	8	2	4	30			
3	174		ND	11	2	4	20			
4	175		0.1	9	1	5	22			
5	176		ND	9	ND	3	24			
6	177		0.1	7	1	4	24			
7	178		0.1	15	1	5	25			
8	179		0.1	31	1	4	48			
9	180		0.1	7	1	3	32			
90	181		ND	21	1	4	44			
1	182		ND	20	1	3	38			
2	183		ND	14	1	3	39			
3	184		0.2	22	1	4	50			
4	185		0.2	20	2	4	72			
5	186		0.1	31	1	3	54			
~~6~~	~~STD 3~~		~~0.1~~	~~33~~	~~1~~	~~7~~	~~52~~			
7	187		0.2	44	1	2	43			
8	188		0.2	25	1	2	47			
9	189		0.1	23	1	3	68			
100	190		ND	19	1	3	35			
1	191		0.1	18	1	3	58			
2	192		0.2	24	1	3	64			
3	195		ND	33	2	4	38			
4	196		0.1	15	3	4	46			
5	197		0.2	21	1	5	46			
~~6~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~			
7	198		0.1	15	1	3	38			
8	199		ND	29	3	4	33			
9	7619200		0.6	46	4	6	92			
110	201		0.4	32	4	7	84			
1	203		0.2	16	1	4	108			
2	204		0.1	29	ND	2	47			
3	205		ND	22	ND	4	48			
4	206		ND	17	ND	5	36	34		
5	207		ND	17	ND	4	[illegible]	36		
6	208		ND	23	ND	4	[illegible]	40		
7	209		ND	12	ND	3	[illegible]	34		
8	211		ND	10	1	3	[illegible]	20		
9	212		ND	26	1	3	[illegible]	34		
120	7619213		ND	14	1	4	[illegible]	28		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº	SAMPLE Nº (NMBR)		Ag	Cu	Mo	Pb	Zn			COMMENTS
121	7619216		0.7	83	3	9	65			
2	217		0.1	11	1	2	22			
3	218		0.1	12	2	4	32			
4	219		ND	12	1	4	26			
5	220		0.1	10	1	3	42			
6	221		ND	10	1	3	25			
7	222		0.1	9	1	2	33			
8	223		ND	11	ND	3	43			
9	224		ND	18	1	3	24			
130	225		ND	9	1	3	26			
1	226		ND	15	1	3	41			
2	227		ND	16	1	4	41			
3	228		ND	36	1	4	40			
4	229		ND	28	1	3	64			
5	230		ND	34	1	2	42			
6	232		ND	21	1	3	40			
~~7~~	~~STD 1~~		~~ND~~	~~11~~	~~1~~	~~25~~	~~740~~			
8	233		0.1	41	1	4	71			
9	234		ND	14	1	3	31			
140	235		ND	16	1	3 3	26			
1	236		ND	12	2	4	35			
2	237		ND	18	ND	2	33			
3	238		ND	18	1	2	34			
4	239		0.2	15	1	4	42			
5	240		0.2	22	1	4	71			
6	242		ND	17	1	4	42			
~~7~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	ND	ND			
8	243		ND	65	1	4	68			
9	244		0.1	8	ND	6	29			
150	245		0.2	22	1	6	50			
1	246		0.2	15	1	5	92			
2	247		ND	26	1	4	42			
3	248		ND	27	ND	2	52			
4	249		0.3	43	1	4	57			
5	250		ND	23	ND	3	32			
6	251		ND	22	1	3	34			
7	252		ND	36	1	5	38			
8	7619253		ND	24	ND	3	41			
~~9~~	~~7619100~~		~~ND~~	~~14~~	~~ND~~	~~4~~	~~36~~			
~~160~~	~~7619119~~		~~ND~~	~~17~~	~~ND~~	~~4~~	~~29~~			

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Pb	Zn			COMMENTS
161	7619136		0.1	18	2	3 ~~2~~	32			
2	7619149		0.1	18	2	4 ~~3~~	39			
3	7619167		0.1	14	ND	2 ~~4~~	27			
4	7619182		ND	18	1	2 ~~2~~	35			
5	7619199		ND	28	3	6 ~~2~~	32			
6	7619217		0.1	12	1	3 ~~6~~	24			
7	7619228		0.1	36	1	4 ~~3~~	40			
8	7619239		0.2	15	1	5 ~~4~~	40			
9	7619253		ND	24	1	3 ~~5~~	38			
170										
1										
2										
3										
4										
5										
6										
7										
8										
9										
180										
1										
2										
3										
4										
5										
6										
7										
8										
9										
190										
1										
2										
3										
4										
5										
6										
7										
8										
9										
200										

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Cu	Mo						COMMENTS
1	7619387		9	1	✓					
2	91		8	ND	✓					
3	93		18	1	✓					
4	95		25	2	✓					
5	97		71	1	✓					
6	7619399		47	ND	✓					
7	7619483		16	ND	✓					
8	85		10	ND	✓					
9	87		11	ND	✓					
10	89		12	ND	✓					
1	91		34	1	✓					
2	93		18	ND	✓					
~~3~~	~~STD 2~~		~~26~~	~~24~~						
4	95		11	1	✓					
5	97		16	ND	✓					
6	7619499		20	1	✓					
7	7619501		48	1	✓					
8	03		21	1	✓					
9	05		26	1	✓					
20	07		27	1	✓					
1	09		23	ND	✓					
2	11		23	ND	✓					
~~3~~	~~BLANK~~		~~ND~~	~~ND~~	✓					
4	13		32	ND	✓					
5	15		31	2	✓					
J 6	16		28	1	✓					
7	20		24	2	✓					
8	22		22	ND	✓					
9	24		27	ND	✓					
30	26		35	2	✓					
1	28		15	ND	✓					
2	30		17	1	✓					
3	32		28	1	✓					
4	34		35	ND	✓					
5	36		23	ND	✓					
6	38		16	ND	✓					
7	39		15	ND	✓					
8	41		19	ND	✓					
9	43		30	1	✓					
40	7619545		26	ND	✓					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº	SAMPLE Nº (NMBR)		Cu	Mo						COMMENTS
41	7619547		16	ND						
2	48		26	1						
3	49		23	ND						
4	52		24	ND						
5	53		15	1						
6	54		22	1						
7	55		22	1						
8	56		17	1						
9	57		24	ND						
50	58		19	1						
1	59		10	1						
2	60		16	1						
3	61		18	1						
~~4~~	~~STD 3~~		~~[illegible]~~	~~1~~						
5	62		17	1						
6	64		16	1						
7	66		11	ND						
8	68		14	ND						
9	70		14	1						
60	72		8	1						
1	74		17	1						
2	78		11	1						
3	80		7	1						
~~4~~	~~BLANK~~		~~ND~~	~~ND~~						
5	83		9	1						
6	85		10	1						
7	87		13	1						
8	89		29	1						
9	91		9	1						
70	93		14	1						
1	95		14	2						
2	97		18	1						
3	7619599		28	2						
4	7619600		28	2						
5	07		19	2						
6	09		14	1						
7	11		29	ND						
8	13		15	1						
9	15		27	1						
80	7619617		11	1						

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Cu	Mo						COMMENTS
81	7619619		17	ND						
2	21		17	1						
3	23		34	1						
4	25		15	ND						
5	27		20	ND						
6	30		76	2						
7	31		66	5						
8	32		34	2						
9	33		23	1						
90	35		17	1						
1	37		17	1						
2	39		11	1						
3	41		13	1						
4	43		12	ND						
~~5~~	~~STD 1~~		~~12~~	~~1~~						
6	45		10	ND						
7	47		11	ND						
8	49		11	1						
9	51		7	ND						
100	59		14	ND						
1	61		9	1						
2	63		10	ND						
3	65		14	1						
4	67		17	2						
~~5~~	~~BLANK~~		~~ND~~	~~ND~~						
6	69		12	1						
7	71		31	1						
8	73		17	1						
9	75		28	1						
110	77		20	2						
1	79		26	1						
2	81		22	1						
3	83		28	1						
4	87		17	1						
5	89		25	1						
6	91		21	2						
7	97		15	1						
8	7619698		12	1						
9	7619700		27	1						
120	7619701		13	1						

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Cu	Mo						COMMENTS
121	7619702		19	1						
2	03		21	ND						
3	04		19	1						
4	05		10	1						
5	07		11	1						
6	08		19	ND						
7	09		33	1						
8	10		14	1						
9	11		24	ND						
130	12		61	ND						
1	14		19	ND						
2	15		23	ND						
3	17		16	ND						
4	19		20	1						
5	21		20	ND						
~~6~~	~~STD 2~~		~~26~~	~~25~~						
7	23		19	1						
8	25		21	ND						
9	27		15	ND						
140	29		24	1						
1	31		28	1						
2	33		28	1						
3	35		26	1						
4	37		36	1						
5	39		39	1						
~~6~~	~~BLANK~~		~~ND~~	~~ND~~						
7	40		23	ND						
8	42		17	ND						
9	44		44	ND						
150	46		43	1						
1	48		15	ND						
2	50		23	ND						
3	52		17	ND						
4	54		24	1						
5	56		16	ND						
6	58		14	ND						
7	60		26	ND						
8	62		15	ND						
9	64		36	1						
160	7619765		19	ND						

REPORT Nº. 76-56

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Cu	Mo						COMMENTS
161	7619769		4	1	✓					
2	71		17	1	✓					
3	7619773		24	1	✓					
4	7619800		26	ND	✓					
5	02		27	1	✓					
6	08		19	1	✓					
7	10		29	1	✓					
8	12		42	ND	✓					
9	14		24	1						
170	16		32	1						
1	18		31	1						
2	20		28	1						
3	22		23	1	✓					
4	24		22	1	✓					
5	26		23	1	✓					
6	28		22	ND	✓					
~~7~~	~~STD 3~~		~~36~~	~~2~~						
8	30		21	1	✓					
9	32		14	1	✓					
180	7619834		33	1	✓					
~~1~~	~~7619497~~		~~15~~	~~1~~	✓					
2	7619526		31	1						
3	7619549		21	1						
4	7619566		18	1						
5	7619595		13	1						
6	7619625		13	2						
7	BLANK		ND	ND						
8	7619649		10	1						
9	7619681		19	1						
190	7619707		9	1						
1	7619727		14	1						
2	7619752		16	ND						
3	7619808		19	ND						
~~4~~	~~7619834~~		~~34~~	~~1~~						
5	7619675B		19	ND						
6	7619677B		23	2						
7	7619679B		22	ND						
8	7619681B		27	1						
9										
200										

REPORT Nº. 76-56

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Cu	Mo						COMMENTS
1	7619836		36	2						
2	52		26	1						
3	54		61	1						
4	56		32	1						
5	58		18	ND						
6	60		17	ND						
7	62		35	1						
8	78		19	ND						
9	82		27	1						
10	87		24	1						
1	7619889		36	1						
2	7619918		11	ND						
3	20		12	ND						
~~4~~	~~STD 1~~		~~12~~	~~1~~						
5	22		11	1						
6	24		27	1						
7	26		19	1						
8	28		16	1						
9	30		44	2						
20	32		42	1						
1	34		44	1						
2	38		18	1						
3	40		20	3						
~~4~~	~~BLANK~~		~~ND~~	~~ND~~						
5	42		10	1						
6	44		22	ND						
7	48		12	ND						
8	50		12	ND						
9	52		19	1						
30	54		20	1						
1	56		22	1						
2	58		21	1						
3	60		14	ND						
4	87		9	1						
5	89		38	2						
6	91		40	3						
7	93		29	1						
8	95		26	1						
9	97		34	1						
40	7619999		7	1						

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Cu	Mo						COMMENTS
41	7620028		13	1	✓					
2	30		49	1	✓					
3	34		15	ND	✓					
4	36		20	ND	✓					
5	38		16	1	✓					
6	40		21	ND	✓					
7	42		19	ND	✓					
8	44		23	1	✓					
9	46		19	ND	✓					
50	48		38	1	✓					
1	50		72	1	✓					
2	52		22	1	✓					
3	53		12	ND	✓					
4	55		21	ND	✓					
~~5~~	~~STD 2~~		~~20~~	~~25~~						
6	57		57	1	✓					
7	59		11	1	✓					
8	61		19	ND	✓					
9	63		23	1	✓					
60	65		19	ND	✓					
1	67		36	1	✓					
2	69		22	ND	✓					
3	71		20	1	✓					
4	73		13	ND	✓					
~~5~~	~~BLANK~~		~~ND~~	~~ND~~						
6	75		21	1	✓					
7	79		37	1	✓					
8	81		20	1	✓					
9	83		20	1	✓					
70	7620085		18	1	✓					
1	7620100		25	1	✓					
2	02		22	1	✓					
3	06		18	1	✓					
4	08		13	1						
5	10		20	1	✓					
6	12		20	1	✓					
7	14		16	1	✓					
8	16		26	2	✓					
9	18		21	1	✓					
80	7620120		10	1	✓					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº	SAMPLE Nº (NMBR)	Cu	Mo	COMMENTS
81	7620122	17	ND	
2	45	16	ND	
3	47	20	ND	
4	49	23	1	
5	97	32	ND	
6	7620199	13	1	
7	7620248	15	1	
8	50	36	2	
9	52	21	1	
90	54	23	1	
1	56	32	1	
2	58	18	1	
3	60	12	1	
4	62	15	1	
5	64	11	ND	
~~6~~	~~STD 3~~	~~33~~	~~1~~	
7	66	16	1	
8	68	13	2	
9	70	6	1	
100	74	9	ND	
1	76	18	1	
2	78	24	1	
3	80	23	ND	
4	82	16	1	
5	84	16	ND	
~~6~~	~~BLANK~~	~~ND~~	~~ND~~	
7	86	26	1	
8	88	19	ND	
9	90	18	1	
110	92	11	1	
1	94	23	1	
2	96	16	1	
3	7620298	31	1	
4	7620300	16	ND	
5	02	27	6	
6	04	39	1	
7	06	39	2	
8	10	15	1	
9	16	22	1	
120	7620344	11	ND	

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Cu	Mo						COMMENTS
121	7620346		17	ND						
2	48		18	1						
3	50		16	2						
4	52		10	ND						
5	54		15	1						
6	56		18	1						
7	58		7	ND						
8	60		16	1						
9	62		5	1						
130	7620364		13	2						
1	7620400		62	1						
2	02		73	1						
3	04		15	1						
4	06		36	ND						
5	7620408		31	ND						
~~6~~	~~7619918~~		~~11~~	~~1~~						
7	STD 1		13	1						
8	BLANK		ND	ND						
9	7619948		12	1						
140	7619999		7	1						
1	7620053		13	1						
2	7620081		21	1						
3	7620122		16	1						
4	7620262		15	ND						
5	7620290		17	1						
6	7620348		19	1						
7	7620408		31	1						
8										
9										
150										
1										
2										
3										
4										
5										
6										
7										
8										
9										
160										

REPORT Nº. 76-58

ILLUSTRATIONS

6076

LEGEND

7620247 · SOIL SAMPLE LOCATION NUMBERS

SCALE 1: 5000

100 75 50 25 0 100 200 300 400

RIO TINTO CANADIAN EXPLORATION LIMITED

SHEFFIELD OPTION

SOIL SAMPLE LOCATION

NOV. 1976 | DP/ym | DWG. GC 8478

LEGEND

7619659	Soil Sample Location Number
---□---	Legal Corner Post
⊥	Flagged lines sample location
—○—	Boundaries, actual
ш	Swamp
NS	No sample collected

N.T.S. 93-A-12,13 93-B-9,16

SCALE 1:5000

100 75 50 25 0 100 200 300 400

6076

B. Petersen

RIO TINTO CANADIAN EXPLORATION LIMITED

SHEFFIELD OPTION

GEOLOGY &
SOIL SAMPLE LOCATION

NOV. 1976 | D.P./y.m. | DWG. GC 8477

6076

LEGEND

9 ... Cu Results in p.p.m.
1 ... Mo Results in p.p.m.

N.T.S. 93-A-13 93-B-16

SCALE 1:5000

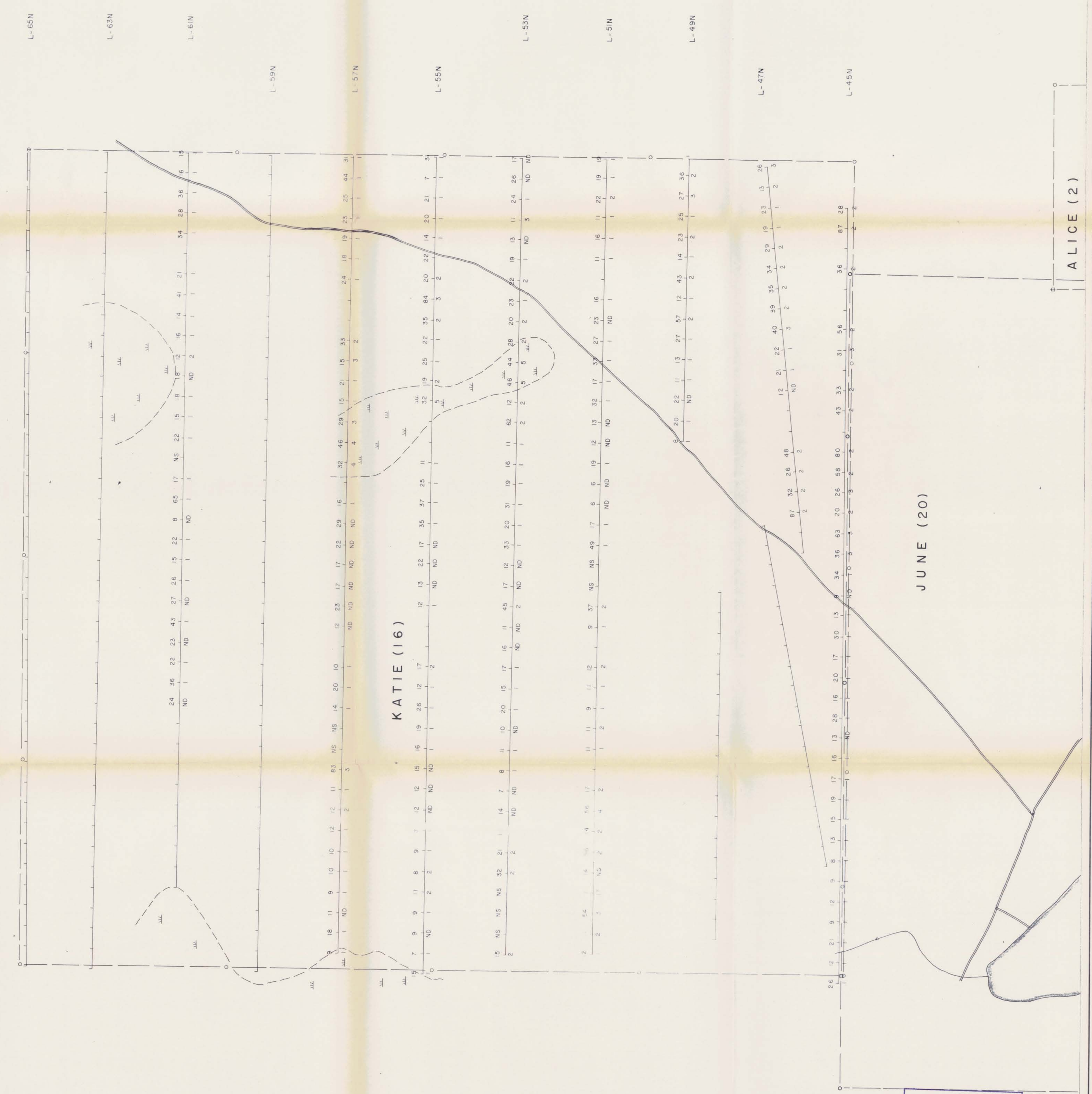
100 75 50 25 0 100 200 300 400

RIO TINTO CANADIAN EXPLORATION LIMITED

SHEFFIELD OPTION

GEOCHEMISTRY CU MO
RESULTS in P.P.M.

NOV. 1976	D.P/y.m	DWG. GC 8479



LEGEND

9 Cu Results in p.p.m.
1 .... Mo.Results in p.p.m.

N.T.S 92-A-13 92-B-16

SCALE 1:5000

100 75 50 25 0 100 200 300 400

6076

D.B. Petersen

RIO TINTO CANADIAN EXPLORATION LIMITED

SHEFFIELD OPTION

GEOCHEMISTRY CU, MO
RESULTS in P.P.M.

NOV. 1976 | DP/ym | DWG. GC 8480