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ITSI OPTION

ITSI RANGE, YUKON

GEOLOGY AND GEOCHEMISTRY

NTS 105-J-9, 105-J-16

UTM 6856000 mN, 437000 mE, Zone 9

November 1977

J.L. Hardy
H.W. Marsh

CLAIMS*

Claim Name	Record Number	Anniversary Date
ITSI		
1-8	Y84427-34	Nov. 4, 1978
9-24	Y93525-40	"
25-32	Y84435-42	"
33-40	Y93541-48	"
41-48	Y84443-50	"
PRE		
1-19	Y93470-88	Nov. 4, 1978
20	Y93778	"
20-24	Y93489-92	"
VOST		
1-24	Y93501-24	Nov. 4, 1978
RIVER		
1-24	Y93708-31	Nov. 4, 1978

*All without encumbrance, Watson Lake Mining District

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This report [illegible] been examined by the Geological [illegible] and is recommended [illegible] consideration of [illegible]

60,735.15

D. B. Craig

[illegible]

Resident [illegible]

Considered [illegible]

Section [illegible]

B. R. BAXTER

Supervising Mining Recorder

ITSI OPTION

Itsi Range, Yukon

Geology and Geochemistry

NTS 105-J-9, 105-J-16

SUMMARY

The Itsi Property consists of 120 claims within the Selwyn Mountains, 60 kilometres north of Howards Pass. In 1977, a programme of detailed mapping and geochemical sampling was conducted over a six week period by a crew based on the property. The programme was initiated as the result of high soil and stream sediment geochemical values obtained in a 1975 programme operated by the Abacorn Syndicate and assays of specimens collected by Riocanex geologists prior to its option of the property in 1976. The purpose of the mapping was to determine lateral and stratigraphic extent of any Pb-Zn sulphide mineralization in the field and to formulate an idea of the potential and genesis of this mineralization.

The lithologies consist of Ordovician to Devonian siltstones, mudstones, and claystones with minor wackes belonging to the Road River and Canol Formations. No mineralization was positively identified in the field but assays of up to 11.6% combined lead and zinc were

recorded. Positive zinc solution response was noted in many areas including several outcrops of travertine breccia.

Geochemical sampling revealed a high regional zinc and lead background within the map area. Anomalies were generally of limited extent and coincident with respect to zinc and lead. Lead anomalies were much more localized than zinc anomalies.

Petrographic study of samples from areas of highest geochemical values, positive zinc and lead test solution response, and high rock chip assays, failed to reveal any primary zinc or lead sulphides. Cerussite was positively identified and zinc carbonate/oxide may possibly be present. These secondary products are present as thin stringers cross-cutting both quartz veins and rock banding, as encrustations on drusy quartz, and as irregular blebs within the host.

Because of the relatively poor geocehmical response and failure to identify positively lead or zinc sulphides, the Itsi Option was terminated. Further evaluation by diamond drilling was not considered feasible due to the small stratigraphic thickness and lateral extent of apparent host rocks, and the extremely complex nature of the tectonism and the lack of any defined targets or indirect evidence of their existence.

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ITSI OPTION

Itsi Range, Yukon

Geology and Geochemistry

1. INTRODUCTION

Rio Tinto Canadian Exploration held the Itsi 120 claim property from May 1977 to August 1977 under an option agreement with Trident Resources dated 12 May 1977. Trident during this time has rights to the ground through an agreement with the Abacorn Syndicate.

Riocanex acquired the option on the ground in order to follow up and investigate indications of lead and zinc mineralization in shales that were seemingly equivalent to those at the Howards Pass deposit of Placer Development Ltd. about 60 km to the southeast.

Evidence of the mineralization was found in results of work by Abacorn in reconnaissance mapping and soil sampling of the property and in assay results from samples collected in 1975 by Riocanex geologists during an examination of showings reported by Abacorn.

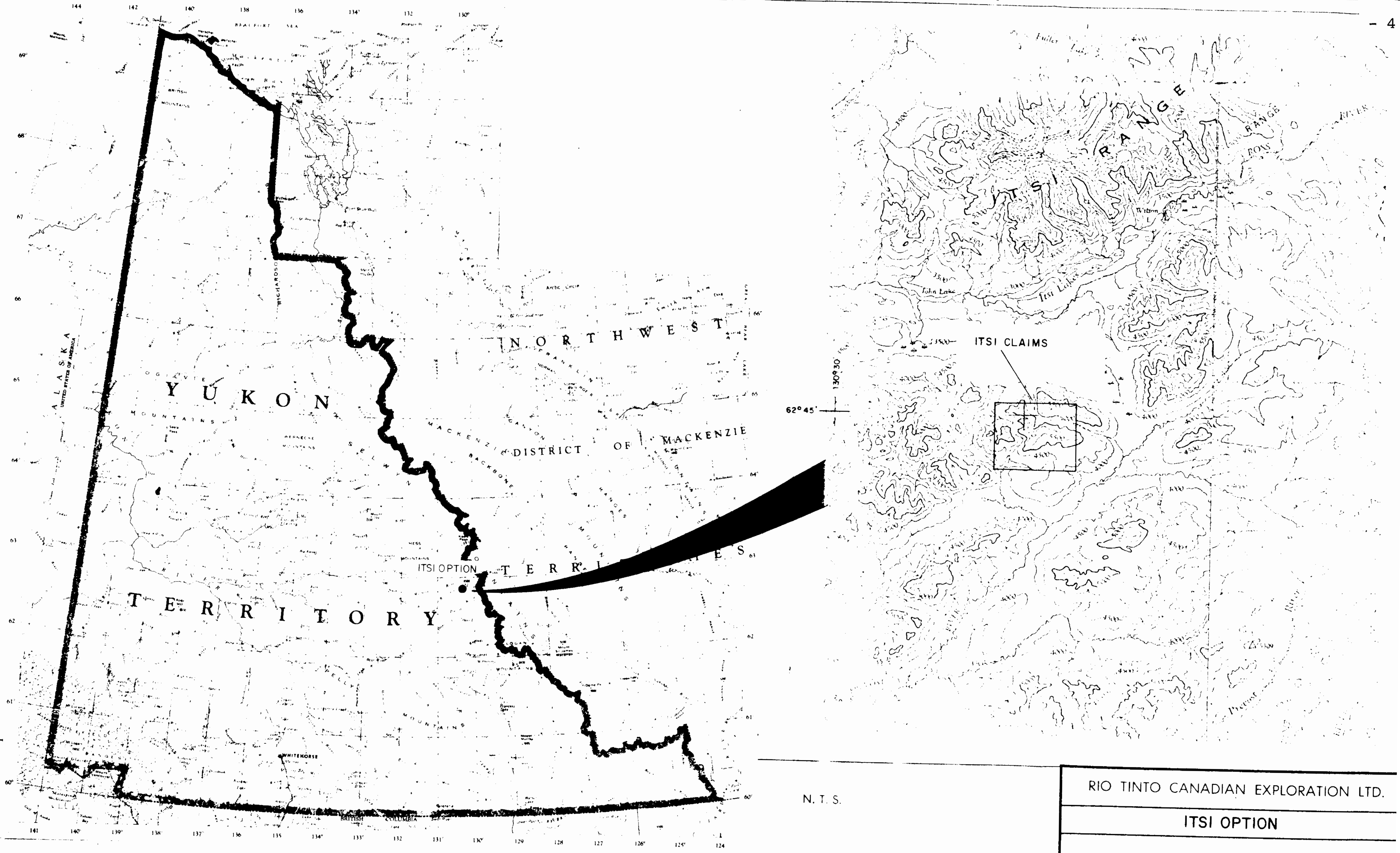
This report records the work by Riocanex and its results.

Field work was done by a seven person crew based on the property. Whilst on the property, from 16 June to 1 August 1977, the work done included detailed mapping of the entire claim block, soil as well as reconnaissance geochemical sampling and trenching and sampling of indicated mineralization. Maps showing the results of this work accompany this report.

1.1 LOCATION AND ACCESS

The Itsi property is located approximately 45 kilometres south of MacMillan Pass in the eastern Yukon and 160 kilometres northeast of Ross River, Y.T. (see Dwg. L-6465). The centre of the claim block is at 62°44', 130°14', on topographic sheets 105-J-9 and 105-J-16. The property is accessible only by helicopter, though it is only 30 kilometres southeast of the North Canol Road. During the 1977 field season two Northern Mountain helicopters were available for casual use at MacMillan Pass. Helicopters are also available in Ross River from Terrair and Trans North Turbo Air.

All work on the property was carried out on foot from a camp based just slightly west of the centre of the claim block. The camp was serviced by weekly grocery flights from MacMillan Pass.


BEAUFORT SEA
BRITISH MOUNTAINS
RICHARDSON
ALASKA
UNITED STATES OF AMERICA
Arctic Circle
NORTHWEST
OGILVIE MOUNTAINS
YUKON
MACKENZIE MOUNTAINS
SELWYN
BACKBONE
DISTRICT OF MACKENZIE
ITSI OPTION
TERRITORIES
TERRITORY
PELLY MOUNTAINS
WHITEHORSE
BRITISH COLUMBIA
Fuller Lake
ITSI RANGE
ROSS RANGE
RIVER
John Lake
Itsi Lakes
ITSI CLAIMS
130°30'
62°45'

N. T. S.

SCALE 1:250,000

RIO TINTO CANADIAN EXPLORATION LTD.

ITSI OPTION

LOCATION MAP

NOV. 77	J.L.H./y.m.	DWG. L - 6465

1.2 TOPOGRAPHY, VEGETATION AND CLIMATE

The Itsi property includes about 27.5 square kilometres of rolling mountain terrain with elevations from 1270 to 1840 m. Above 1560 metres, scrub spruce, balsam and alders disappear, and barren talus slopes and alpine meadows predominate. The presence of permafrost is indicated by abundant periglacial features of which the most noticeable are ubiquitous gelifluction lobes and soil stripes, making talus mapping unreliable. The area has been glaciated in places, as evidenced by erratics and glaciofluvial features, expecially though not exclusively in the lowest valleys. Both U-shaped and V-shaped valleys are present.

The climate is variable, and snow may persist as late as the end of June with some snow falling as late as July. There are year round ice fields to the north in the Itsi Ranges. Rainfall can prohibit work for days, especially early in the field season.

1.3 PROPERTY AND CLAIM STATUS

The Itsi property at present consists of 120 mutually contiguous claims. Anniversary dates and record numbers are given in Table I below.

TABLE I

Itsi Claim Status*

Claim Name	Record Number	Anniversary Date
ITSI 1-8	Y84427-34	Nov. 4, 1978
ITSI 9-24	Y93525-40	"
ITSI 25-32	Y84435-42	"
ITSI 33-40	Y93541-48	"
ITSI 41-48	Y84443-50	"
PRE 1-19	Y93470-88	"
PRE 20	Y93778	"
PRE 20-24	Y93489-92	"
VOST 1-24	Y93501-24	"
RIVER 1-24	Y93708-31	"

*All without encumbrance, Watson Lake Mining District

2. HISTORY

2.1 PRIOR TO RIOCANEX ACTIVITY

During the 1960's, several companies completed regional geochemical surveys in the general area of the Itsi property. Several Zn silt anomalies were present but no mineralization could be located, so regional efforts were abandoned.

In 1972 mineralization was discovered by Canex Placer in the area of Howard's Pass within Ordovician-Silurian shales of the Road River Group. During 1973, the Selwyn Syndicate prospected the northwest extent of the Selwyn Basin. Cyprus Anvil, Amax Exploration and Placer Development were active in the area in succeeding years. Their primary objective was to locate and prospect lead and zinc anomalies and evaluate these on the basis of known data regarding the Howards Pass deposit.

In January 1973, Spartan Exploration (working for Canex Placer) staked the Fox group (which included a portion of the Itsi property) to cover a stream sediment anomaly. Canex completed a reconnaissance geology and geochemical survey on and around the property during July of that year. The only significant mineralization observed during that time was authigenic pyrite. The most anomalous zinc values in the soils were lower than those normally observed over the more metalliferous black shales of the Selwyn Basin.

Early in 1975, the Abacorn Syndicate was formed to continue the regional programme initiated in 1973. The area south of the Itsi Lakes was prospected and sampled geochemically on a reconnaissance basis by Agilis Engineering for the Syndicate. The 120 claims of the Itsi property were staked at that time by Abacorn.

In August 1976, Trident Resources (N.P.L.) Inc., entered into an option agreement with Abacorn to obtain control of the claims. In May 1977, the property was optioned until August 30, 1977 from Trident Resources (N.P.L.) by Riocanex.

2.2 RIOCANEX LABORATORY WORK, 1977

At the time the property was optioned by Riocanex soil samples taken by Agilis for Abacorn had been analyzed for zinc alone. These samples were then analyzed in the Riocanex Laboratory for Ag, Cu, Co, Mo, Ni, and Pb to promote a better understanding of the property prior to the upcoming field season. The results of this work are discussed in an internal company report titled:

ITSI OPTION
Ross River, Yukon
Geochemistry
A. Troup May, 1977

In general, background concentrations for all the elements changed drastically across the Itsi Property, reflecting changes in the underlying geology. Near the south edge of the Agilis Grid, a strong Pb-Zn anomaly was evident near known secondary zinc-oxide coatings.

2.3 RIOCANEX FIELD PROGRAMME, 1977

Work on the Itsi Property began June 15 and ended August 2, 1977. It involved a crew of two mappers and three geochemical samplers under the onsite supervision of J.L. Hardy. Geochemical sampling and geological mapping were carried out concurrently so that the sampling could extend into the geologically favourable areas as mapping proceeded. The geochemical grid was set out with an east-west trending base line to cover portions of the claim block overlying favourable host lithologies. During the field season, the following work was completed:

(1) The entire claim group was mapped on a scale of 1:5000

(2) The areas of anticipated favourable lithology were soil sampled on a 20 m sample and 200 m line spacing.

(3) The largest areas of positive lead and zinc test solution response were trenched and chip sampled.

(4) All areas of positive lead and zinc test-solution response were thoroughly prospected.

(5) Reconnaissance stream sediment samples were taken over areas not covered by soil lines to ensure total geochemical coverage.

At the end of the field season, all equipment was removed from the property.

3. GEOLOGY

3.1 GENERAL GEOLOGY

The regional geology of the Itsi area is shown on the Sheldon map sheet (GSC Map 12-1961) by Roddick and Green, at a scale of 1:250,000. The claims are underlain by an undivided group, of lower Ordovician to middle Silurian age, consisting of interbedded cherts and shales, with less common limestones quartzites, and conglomerates. Quartz monzonites and granodiorites intrude these sediments.

Mapping of the Fox group by Placer Development and given to Riocanex shows a sequence of light and dark grey shales dominating the area with local faulting exposing limestones and quartzites. The entire sequence is intruded by quartz monzonite dykes and sills. No zinc or lead mineralization was found. Subsequent re-evaluation of the data placed these lithologies at least in part in the Road River Formation, within the favourable sequence of the Howards Pass deposit. The 1975 reconnaissance mapping of a portion of the claims by Agilis Engineering indicated that the stratigraphic sequence on at least a part of the property, was closely similar to that at the Howards Pass deposit, hence lying within the Road River Formation.

Riocanex 1977 mapping revealed that only the uppermost portion of the Road River Formation, and the lower Canol Formation are exposed in a series of variably tight isoclinal folds. The style of deformation and the pervasive axial plane cleavage make thicknesses of the various units difficult to estimate.

3.2 PROCEDURE AND PRESENTATION OF DATA

All mapping in the field was by means of pace and compass traverse onto a 1:5000 topographic base with 20 m contour intervals, using altimeters for elevation control. Outcrop or only slightly displaced talus covered about 60% of the area above tree line.

In areas of low outcrop, soil geochemical data were used as a supplemental tool to determine lithologic boundaries. Because of varying geochemical response thin section analysis of selected type lithologies provided guidance as to classification of the finest grained rocks.

The detailed geology of the property as derived from this work is shown on the two accompanying drawings, G-7477-1 and G-7477-2.

3.3 STRATIGRAPHY

Detailed geological mapping reveals that the property is underlain by Road River and Canol Formations, both intruded by quartz monzonites, providing four basic map units. The generalizated stratigraphic column is shown below in order of increasing age.

QUARTZ MONZONITE:	Variably porphyritic quartz monzonite
CANOL FORMATION:	Black and grey mudstones (a) Local lithic wackes, lithic granule conglomerates, polymicitic lithic conglomerates.
ROAD RIVER FORMATION:	
Siliceous Mudstone Unit:	Black siliceous mudstones (a) Silvery weathering black mudstones, locally graptolitic
Wispy Marker Unit:	Grey mudstones with sporadic darker grey wisps (a) Pyritic grey to green-grey tuffs (b) Limestone interbedded with lesser dolostone (c) Limestone sedimentary breccia

Petrographic descriptions of selected samples are included in Appendix B, but more detailed descriptions of individual map units follow. In general, true thicknesses are difficult to determine due to the intensity of localized isoclinal folding.

3.3.1 QUARTZ MONZONITES

Vertically dipping quartz monzonites of probable Cretaceous age intrude all map units. The quartz monzonite weather a distinctive yellow-brown against the darker sediments. They are variably porphyritic with subhedral to anhedral quartz, euhedral potassium-feldspar, and less commonly subhedral phlogopite, in changing proportions; ground mass is generally an aphanitic quartz-feldspar mixture. The intrusives vary from sill-like to dyke-like in form with the largest body 900 by 200 metres. They appear to be uninfluenced by all faulting in the area.

In places a contact phase consisting of distorted hornfelsic siltstones and mudstones is present. Mudstone xenolites are common along the borders. Only very thin chilled margins are found. Locally quartz veining increases towards the intrusions. All such contact effects are for the most part minor.

3.3.2 CANOL FORMATION

The Canol/Besa River Formation, a part of what is now recognized as the Imperial Group, and possibly the equivalent of the Yara Peak Formation at Howards Pass, is of Devono-Mississippian age. It occupies the highest elevations on the property and is the youngest unit of the sequence. The formation consists of black mudstones and siltstones. Locally lithic wackes, lithic granule conglomerates and polymictic lithic conglomerates are present (shown as sub-unit (3a)).

The dominant mudstones, siltstones, and claystones of the unit are all typically black but weather grey to brown-grey, often with earthy limonitic patches. Near the contact with the underlying siliceous mudstone unit, bright yellow earthy weathering becomes much more pronounced. Bedding is well-defined but is commonly obscured by strongly developed axial plane cleavage at variable angles to it. Muscovite flakes are frequently present along bedding plane surfaces.

Conglomerates comprising less than 10% of the sequence are typically elongate lenses and pass along strike into finer grained equivalents suggesting origin as channel fill deposits. Fragments which are generally sub-angular to sub-rounded, consist for the most part of silica-rich lithologies, from cherty to fine grained volcanic in composition, all are polymictic. The fragments are poorly sorted with respect to composition but generally well sorted with respect to size. The largest fragments are less than 5 cm in diameter.

The lower contact with the Road River is marked by the last appearance of fine clastics as siltstones in the sequence to conform to regional patterns.

However, it is possible that the barite-bearing siliceous mudstone unit described below also belongs to the Canol Formation. Since the contact is conformable-gradational, and in some cases intertonguing, its placement is somewhat arbitrary.

The Canol Formation on a regional basis is believed to be a turbidite. On the property, however, it shows few such characteristics, though it may be of a distal type.

3.3.3 ROAD RIVER FORMATION

The Road River Formation, of early Ordovinian to middle Devonian age, underlies the Canol Formation and consists of two map units: the Siliceous Mudstone and the Wispy Marker. The conformable contact with the overlying Canol Formation coincides in some areas at least with a transgressive facies change. For this reason variable thicknesses of siliceous mudstone are present.

Siliceous Mudstone Unit

This upper unit of the Road River Formation consists of well bedded, black, siliceous mudstones frequently with a silica content high enough to be considered true cherts. The unit possibly corresponds with the Backside Siliceous Unit in the Howards Pass area, and is possibly a very distal turbidite though in places, from thin section petrography, it resembles a welded tuff. It is well bedded on a scale of 2 to 40 cm. Weathered surfaces commonly show white bands or lenses 3 to 4 cm thick, which are often microfaulted.

Where silica is less abundant, the unit consists of black shales which weather a distinct lustrous silvery colour (shown on the map as sub-unit (2a)). Poorly preserved graptolites of biserial type are present locally, giving a probable age from lower to middle Ordovician. Where found they are generally stratigraphically low in the unit. Rare Tetragraptus and Dicellograptus give equivocal upper lower and middle upper Ordovician ages respectively.

Both silica-rich and silica-poor mudstones contain abundant pyrobitumen, with amounts in places sufficiently high to form coal-like accumulations. This would indicate the existence of a quiet, relatively deep, reducing environment of deposition. Microscopic rock fragments frequently present in mudstones of both types, consist for the most part of silicified oolites, fine grain volcanics, and granular cherts.

Bedded barite is present within the siliceous mudstone unit. It varies from grey to blue in colour but tends to be relatively pure. Fine pyrite bands may be present within the barite. Where barite concentrations are lower, barite is found as "grape-shot" concretions along bedding planes. At MacMillan Pass similar bedded barite serves as a stratigraphic marker, while at Howards Pass, on a regional basis, the Iron Creek bedded barite Formation just above the Backside Siliceous Unit forms a semi-continuous horizon for more than sixty-five km.

The lower contact with the underlying wispy marker unit is sharp but intertonguing. Occasionally sparse darker grey wisps may be observed in the siliceous mudstone unit near the contact.

Wispy Marker Unit

The bulk of the Wispy Marker Unit consists of light to medium grey mudstones with sporadic darker grey wisps, visible most easily on somewhat weathered surfaces. Wisp configuration is variable from highly irregular, to linearly elongate, to almost regular bands. Thin section study reveals abundant rock fragments within these mudstones as well as a relatively higher carbon content within the wisps. The unit almost certainly corresponds to the flaggy mudstone unit in the succession at Howards Pass.

Grey to grey-green tuffs (shown on the map as subunit 1(a)) are abundant, dominating the sequence in some areas. They are identified by their well-defined uniform bedding (5 cm to 1 m), the granular (welded) texture, and general hardness/tenacity. Heterogeneous rock fragments may be present in graded beds (up to 30 cm) on an outcrop scale. Individual fragments are seldom larger than 10 cm.

Most of these tuffs, however, contain rock fragments visible only on a microscopic scale, so field identification as tuffs is primarily based on the criteria above.

The tuffs are typically pyritic (radiating nodules from 3 cm to fine disseminations) and commonly locally banded and/or dolomitic. The fine-grained nature and rounded fragments of the tuffs suggests ashes erupted on land and/or shallow water and transported for some distance by currents before deposition in the Itsi paleo-basin.

There are textural and mineralogical gradations between the tuffs and mudstones indicating that the latter have variable tuff components. The mudstones typically have increased dolomite and/or organic content.

Carbonates (shown on the map as sub-unit 1(b)) are present within the Wispy Marker Unit as minor limestones with lesser dolostones, though in places the latter may dominate the sequence. The carbonates within the sequence are generally well bedded (2 to 50 cm), fine-grained and typically totally recrystallized. Only rarely are intraclasts and oolites visible. Sparse neomorphic chert lenses are present locally. Cross bedding was observed in several locations, but it was not sufficiently well-developed to permit orientation measures.

Where dolostones are interbedded with the limestones, sedimentary boudinage is common. The dolostone boudins tend to float within the limestone host, subparallel and isolated. Where soft sediment tectonism was less active, the dolostone beds remain intact (though necked) within the limestones.

The wispy texture is often present within the dolostones where limestone interbeds are sparse, but is commonly of low wisp density. In some areas black, very coarse-grained, radiating limestone concretions are present within finer grained limestones or mudstones. Similar concretions are present, though rare in the siliceous mudstones. These are believed to be pseudomorphs after aragonite concretions. A single Monograptus spiralis, discovered within one of these concretions near the contact with the siliceous mudstone but within the Wispy Marker suggests a lower-middle-Silurian age, though a single specimen cannot be definitive.

Sedimentary breccias (shown on the map as sub-unit 1(c)) are observed at several localities. Generally these consist of heterogeneous grain-supported limestone fragments within a limey matrix. The fragments are typically laminated fine grained, grey limestone and often lithoplastic. The largest observed fragment was 25 by 2 cm. The matrix is of closely similar composition and occasionally shows 'swirling', or other evidence of soft-sediment deformation. The breccias are stratabound, but not stratiform and best resemble slump breccias. Outcrop is not sufficiently abundant to determine the spatial relationship of breccias to the rest of the unit. Several adjacent areas show pinch and swell as well as ball and pillow features.

Sparse quartz sandstones, very black, fine grained and pyritic are also present.

Units lower in the section are not observed, because isoclinal folding has repeated the upper units.

3.3.4 RECENT SEDIMENTS

Two types of recent sediments, diamictites and travertine, are common on the Itsi property. The most significant of these is the occurrence of travertine deposits in several areas. The deposits are often layered,with the layering defined by changes in organic content. Commonly the deposits are well-defined rubble breccias with the travertine acting as a cement to heterogeneous, angular rock fragments ranging from quartz monzonites, to claystones, to conglomerates, but only of compositions present in the local upslope sequence. All deposits are found at abrupt changes in slope and the proportion of fragments in individual outcrops of travertine is variable. Most, but not all of the outcrops react positively to zinc test solution. None give a positive lead reaction. Maximum stratigraphic thickness observed is about one metre and maximum outcrop extent is about 70 m.

Along stream banks, recent diamictites are sometimes present. Typically these consist of poorly sorted, heterogeneous rock fragments in a loosely cemented limonite matrix. Beds up to 1.2 m thick are present. Fragment composition varies locally depending on the type of rock talus and the nature of the glacial debris.

Both types of sediments originated during periods when ground water and stream flow patterns were different from these of today as outcrops are often far from the present stream courses and ground water discharge points. From known analogs, the sediments likely originated in the Pleistocene period.

3.4 STRUCTURE

The basic structure on the property consists of a series of NNW-SSE trending isoclinal folds of variable tightness. Secondary folding on an outcrop scale is especially well developed in the siliceous mudstones, as tight isoclinal folds on a scale from centimetres to several metres. Minor folding is also present on a broad open scale along a NE-SW trend, superimposing a broad wavy pattern to the major fold axes.

There is one recognized major fault present, trending E-W for an indefinite length and disappearing under cover to the east. It is believed that displacement along this structure is minor, in the order of less than fifty metres. This fault cross cuts the major tight isoclinal folding at a small acute angle. Elsewhere there are minor, presumably vertical faults with a crude N-S trend whose displacement is not possible to estimate, though it appears to be minor.

Axial plane cleavage is pervasive in the mudstones and siltstones commonly totally obscuring bedding. Where bedding is visible, the cleavage is at variable angles to the bedding orientation. Several directions of cleavage may be present within a single outcrop. Commonly the cleavages themselves exhibit tight isoclinal folding, hence the cleavage is not useful in determining direction to the nearest anticline.

All tectonic response, with the possible exception of quartz veins related to the Devono-Mississippian event, are of Laramide origin.

3.5 GEOLOGICAL HISTORY

The eastern margin of the Selwyn Basin was an area of relatively quiet, subtidal sedimentation in early Ordovician time. The environment which produced the Wispy Marker was restricted enough so large quantities of organic carbon could be preserved. Fine rock fragments and volcanic ash were local contributions in the lithic tuffs, but for the most part, only very fine grained terrigeneous sediments were deposited by basinal (geostrophic) currents. Graptolites floated into the area and were preserved in the anoxic environment. Areas of slightly shallower, less restricted conditions, accumulated carbonates and indicate temporary localized shallowing upwards. Occasional cross beds, oolites, and intraclasts suggest at least intertidal conditions. This is supported by the presence of limestone concretions believed to be pseudomorphous after aragonite. Sedimentary breccias and boudins indicate the presence of soft sediment deformation, triggered by basement disturbances, earthquakes, etc.

The Siliceous Mudstone Unit was formed under deeper conditions with an increased contribution of rock fragments and silica, as a distal turbidite or possibly, in part, ash-flow tuff. Bedded barite was deposited where barium-rich hydrothermal solutions encountered the cooler waters on the sea floor in a Red Sea-type setting or where basement lineaments acted as a conduit to solutions from depth.

Distal turbidite deposition was continuous well into the Devonian, but the contributions of silica and rock fragments decreased. During later Canol time, the increased proportion of finer clastics led to an increase of siltstones. Deposition and sedimentation continued with the result that load metamorphism began, producing recrystallization in the carbonates, and perhaps a small increase in grain size in the fine-grained clastics.

During the Cretaceous Laramide orogeny, the entire sequence was tightly isoclinally folded along axes trending NNW-SSE. On an outcrop scale subsidiary folding developed parallel to major fold axes so total reversals of dip direction may take place within 2 m.

The mudstones, siltstones, and claystones developed a pervasive axial plane cleavage at varying angles to the fold axes obliterating the bedding in most cases. As the centre of compression shifted during a period of lesser tectonic force, the first major folds underwent broad gentle warping along a NE-SW axial trend. Mixed quartz and carbonate veins formed at points of tension. Where barite was present, barite-carbonate veins formed. The tectonism took place over an extended period. Cleavage developed in the early stage of the orogeny, commonly shows evidence of later refolding and development of secondary cleavage.

During the latest Cretaceous, quartz monzonites intruded the section as dykes and sills which show no evidence of folding or faulting. In the Pleistocene both continental and alpine-type glaciers covered portions of the property. At that time, ground water flow patterns were greatly different from those of the present. At certain changes in slope ground waters rose to the surface causing a change in $P_{Co}2$ (and hence Eh), and consequent deposition of calcium carbonate. This acted to cement the surrounding rock fragments forming travertine rubble-breccia. The travertine has acted as a sponge to collect zinc from the ground waters which had passed through the zinc-rich shales above. Where the change in pressure was less severe, travertine was not able to form, but both lead and zinc were remobilized by ground and surface waters to be deposited in fractures, in area of limonite development, or high clay organic content.

4. GEOCHEMISTRY

4.1 SAMPLING, SAMPLE PREPARATION, AND ANALYTICAL PROCEDURE

To define areas with the greatest potential for Howards Pass-type stratabound and stratiform lead and zinc, soil and talus-slide fine geochemical samples were taken at a 200 m line and a 20 m sample spacing from an east-west base line.

This spacing was chosen to maximize chances of finding an ore body of this type where typical ore zone thicknesses are about 15 m. The limits of the area were initially chosen to cover suspected favourable host lithology, i.e. those areas stratigraphically below the Wispy Marker, but were extended to cover all areas of positive zinc test solution response in float and outcrop. With further geological mapping, it became apparent that the favourable units were not present on the claim block. To be certain that no stratiform deposits existed at other levels in the sequence the remainder of the area was therefore sampled on the basis of a reconnaissance stream sediment survey.

Sampling tools were a mattock in areas of heavy vegetation, or in barer soils, a chisel-ended rock hammer. Where possible samples were from the B horizon. Samples with a high organic content were avoided. A total of 2492 soil and 88 stream samples were collected and analysed.

All samples were placed in Kraft paper envelopes, and shipped to the Rio Tinto laboratory in North Vancouver. They were oven dried at 60°C, seived to a minus 80 mesh fraction, then the oversize material was discarded. The minus-80 mesh material was analyzed after digestion by means of a 2:1 mixture of hot concentrated nitric and hydrochloric acids. Results in PPM for Pb, Zn, and in some cases Ag, Cu, Ni, and Mo were obtained from atomic absorption analysis by Mr. E.F. Paski, Jr. and are shown in Appendix C and on the accompanying maps.

4.2 PRESENTATION AND DISCUSSION OF RESULTS

Soil, talus fine, and stream sediment results are shown on drawings GC 7479 and GC 7480 at a scale of 1:5000. Locations of positive Zn and/or Pb response to Pb/Zn test solutions are shown on the geology maps G 7477-1 and G 7477-2.

Statistical computations were carried out on soil and talus fine samples to obtain mean, standard deviation, threshold and anomalous values. These results are summarized below in Table II.

TABLE II

Statistical Summary For Geochemistry Results*

METAL	MEAN	STANDARD DEVIATION	THRESHOLD	ANOMALOUS
	$\bar{x}$	s	$\bar{x} + 2s$	$\bar{x} + 3s$
Ag	0.5 ppm	3.3 ppm	5.5 ppm	18 ppm
Pb	8 ppm	3.4 ppm	91 ppm	314 ppm
Zn	15 ppm	3.8 ppm	2183 ppm	8400 ppm

*Log normal distribution for 2492 samples.

The highest Zn geochemical values are localized near the area of the discovery trench and elsewhere consist of isolated anomalous samples. Anomalous Pb values follow a similar pattern but are more erratic. Highly anomalous Ag values are coincident with high zinc but do not define any patterns of significance.

Generally, the anomalous metals in soil and talus-fine samples reflect a high background rather than defining mineralization. Where bedrock is exposed, all anomalous values are located over areas of Canol Formation or the Siliceous Mudstone Unit.

As most of the anomalous metal values are scattered, the results have not been contoured on the geochem maps.

5. MINERALIZATION

5.1 OCCURRENCE

No lead or zinc sulphides were seen in bedrock on the Itsi property during the work by Riocanex. A single cube of galena, less than one centimetre in diameter was found in travertine - presumably a result of groundwater activity.

Tests for secondary lead and zinc minerals were carried out continuously during mapping. Areas of positive response are shown on the geology map. These were examined and prospected in detail. Each response is in the Siliceous Mudstone Unit, in either siliceous or non-siliceous phases and specimens indicate no higher than expected specific gravities. Veins are not necessarily present. Areas of positive response are, most commonly, at the top of outcrops or their outward projections. It is presumed that water flow or seepage would be maximized at such places.

Surfaces of limestone nodules within the Wispy Marker Unit also give positive reactions to zinc test solution, especially where exposed to water flow from above.

5.2 TRENCHING AND ASSAY RESULTS

Strongest evidence of lead and zinc mineralization, both from the work by Abacorn, the original investigation by Riocanex and the more detailed work, was concentrated in the "discovery trench" area in the south-central part of the claims.

Mapping shows the trench to be in the Siliceous Mudstone Unit but to be separated from the nearest outcrops, which contain barite, by a fault.

Initial trenching exposed outcrop over a length of 36 m. (See Dwg.G-6474 .) While care was taken to dig to beneath weathered material, the bedrock is so fractured that all samples displayed some signs of weathering - often as greyish coatings.

Due to the complexity of folding etc., it is not clear if the trench was consistently along strike, though some individual beds could be seen along much of its length.

Chip samples were collected over the 3m lengths shown, placed in plastic bags and shipped to the Rio Tinto Canadian Exploration Laboratory in North Vancouver. There, analysis for Ag, Cu, Ni, Pb and Zn by atomic absorption followed drying, grinding to minus 200 mesh and digestion in hot aqua regia. Results for Pb and Zn are shown on Dwg. G-6474 and given in Table III.

The highest lead values are found in samples predominantly of a blocky weathering siliceous mudstone cut by irregular quartz/carbonate veins. This blocky mudstone tended to show less cleavage than the adjacent black mudstones. High lead assays are in keeping with the strong reaction to the lead test in the field.

Black mudstones yielded higher zinc contents. There were no obvious textural or lithological differences between rocks bearing low and high Pb/Zn values respectively.

Unexpectedly high values from these samples prompted check assaying by Bondar Clegg on rejects (see Appendix A) and assaying for the sulphide forms. (Appendix A.) Checks supported the earlier values and these were determined as due almost entirely to soluble minerals, i.e. non-sulphide.

Samples of the high lead-bearing blocky mudstone were sent to Vancouver Petrographics for examination and, if found, the nature and control of the lead and zinc minerals. Reports on this study (Appendix B) were that sulphides are not present and no vestige of any early sulphides can be seen.

Further sampling of the trench was done and short cross trenches yielding deeper samples were dug. Checks again supported earlier results but samples taken in the base of trenches, 1.5 m from surface, yielded markedly less base metal than those in similar rocks at surface. This difference contradicts the normal pattern of the leaching of sulphides and implies a surface enrichment due possibly to the effects of circulating groundwaters.

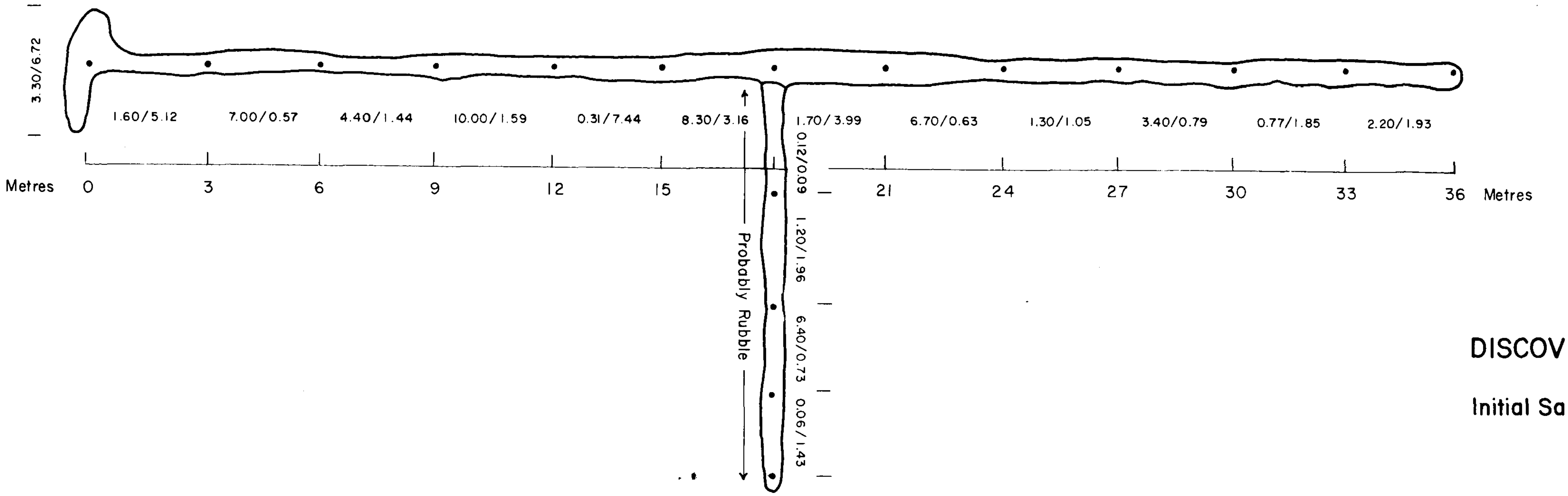
TABLE III

Assay Results - Discovery Trench

Original Sample Rio Lab Results			Bondar-Clegg Total		Bondar-Clegg Non-Sulphide		Rio Check Samples		
No.	% Zn	% Pb	% Zn	% Pb	% Zn	% Pb	No.	% Zn	% Pb
201876	3.30	6.72	3.63	5.60	3.55	4.82			
201877	1.60	5.12	3.04	5.25	3.00	4.45			
201878	7.00	0.57	5.15	0.65	5.10	0.58			
201879	4.40	1.44	4.06	1.62	3.88	1.40			
201880	10.00	1.59	10.25	1.34	9.70	1.24			
201881	0.31	7.44	0.32	6.53	0.30	5.70	ITSI 7	0.05	7.44
201882	8.30	3.16							
201883	1.70	3.99							
201884	6.70	0.63							
201885	1.30	1.05							
201886	3.40	0.79							
201887	0.77	1.85							
201888	2.20	1.93	1.74	2.25	1.65	1.85	ITSI 1	0.11	0.03
201889	0.12	0.09	0.17	0.12	0.16	0.11			
201890	1.20	1.96	1.15	1.31	1.08	1.18			
201891	6.40	0.73							
201892	0.06	1.43							

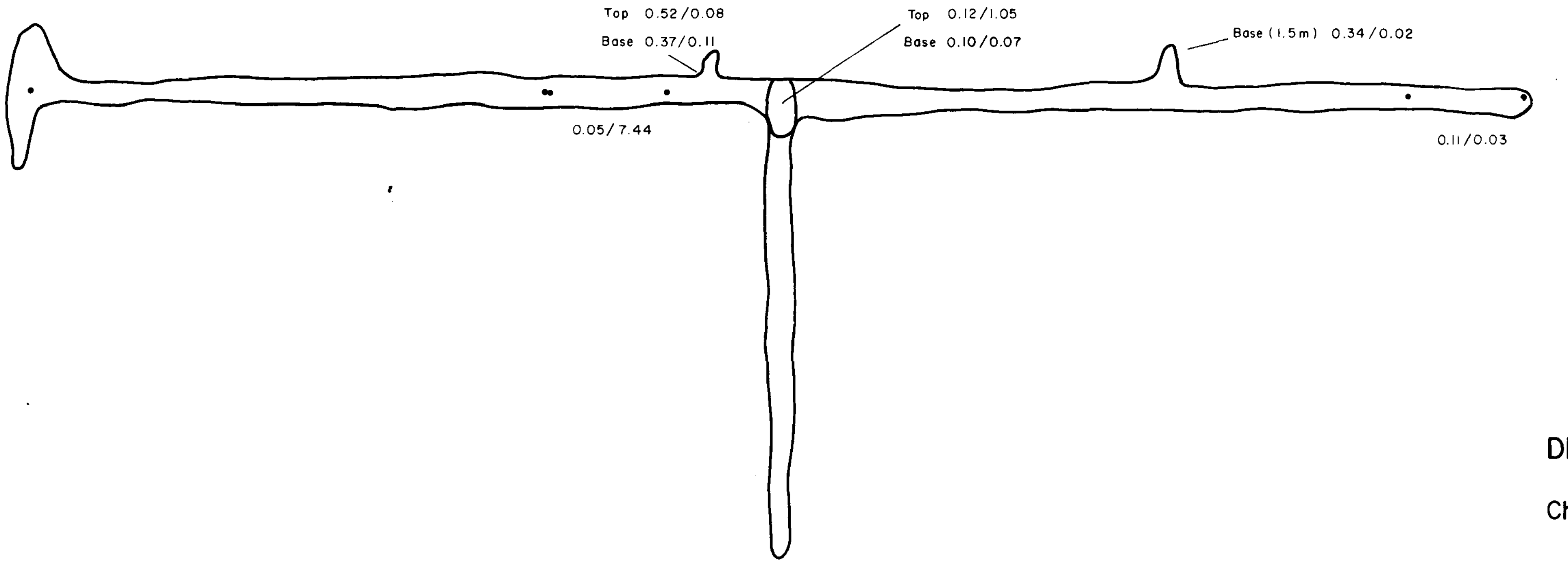
Assay Results - Cross Trench

Sample at	27.5 m	From surface to 1.5 m deep	ITSI 2	0.35	0.02
"	10.5 m	Trench to south (Top)	ITSI 3	0.12	1.05
"	10.5 m	Trench to south (Base)	ITSI 4	0.10	0.07
"	16.0 m	Trench to north (Top)	ITSI 5	0.36	0.11
"	16.0 m	Trench to north (Top)	ITSI 6	0.52	0.08


3.30/6.72
1.60/5.12
7.00/0.57
4.40/1.44
10.00/1.59
0.31/7.44
8.30/3.16
1.70/3.99
6.70/0.63
1.30/1.05
3.40/0.79
0.77/1.85
2.20/1.93
0.12/0.09
1.20/1.96
6.40/0.73
0.06/1.43
Probably Rubble
Metres
0
3
6
9
12
15
21
24
27
30
33
36
Metres

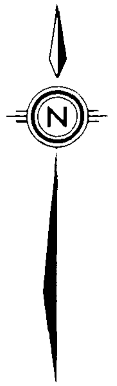
DISCOVERY TRENCH

Initial Sampling


Top 0.52/0.08
Base 0.37/0.11
Top 0.12/1.05
Base 0.10/0.07
Base (1.5m) 0.34/0.02
0.05/7.44
0.11/0.03

DISCOVERY TRENCH

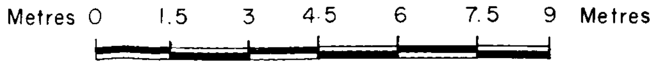
Check Sampling



7.00 / 0.57 . . . . % Zn / % Pb

N. T. S. 105 J/9 , 105 J/16

SCALE 1 : 150


Metres 0
1.5
3
4.5
6
7.5
9
Metres

RIO TINTO CANADIAN EXPLORATION LTD.

ITZI OPTION

DISCOVERY TRENCH

CHIP SAMPLE ASSAY RESULTS

NOV. 77	J.L.H. / y.m.	DWG. G. - 6474

PHOTO 1 View looking east along the "Discovery Trench".

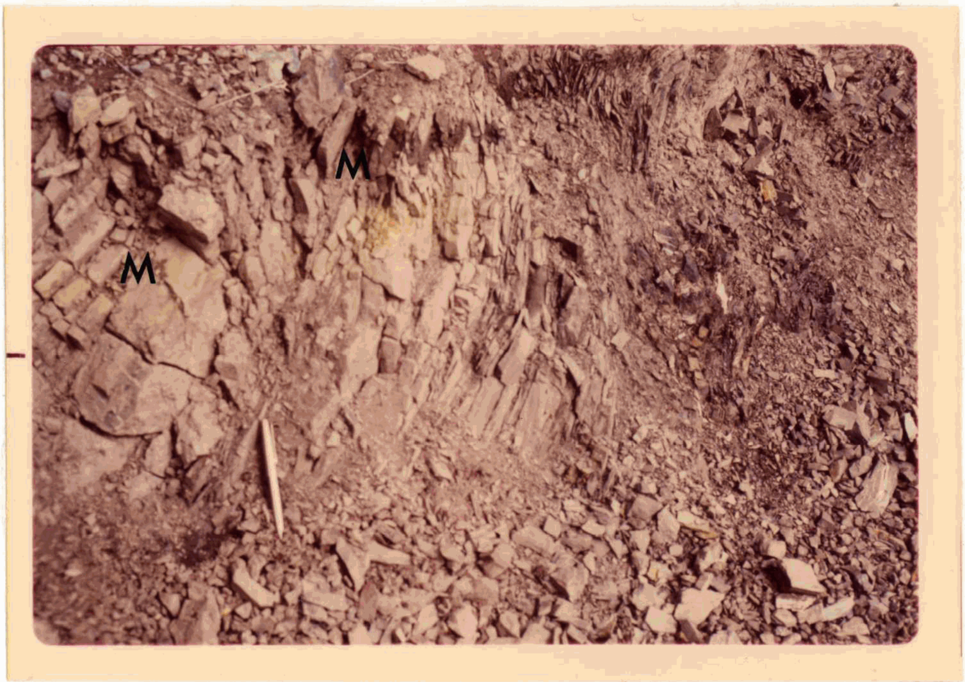


PHOTO 2 Close-up of "Discovery Trench" showing the highly fractured and grey weathering Siliceous Mudstone Unit. Note yellow staining from Pb reactant on massive bed (M).

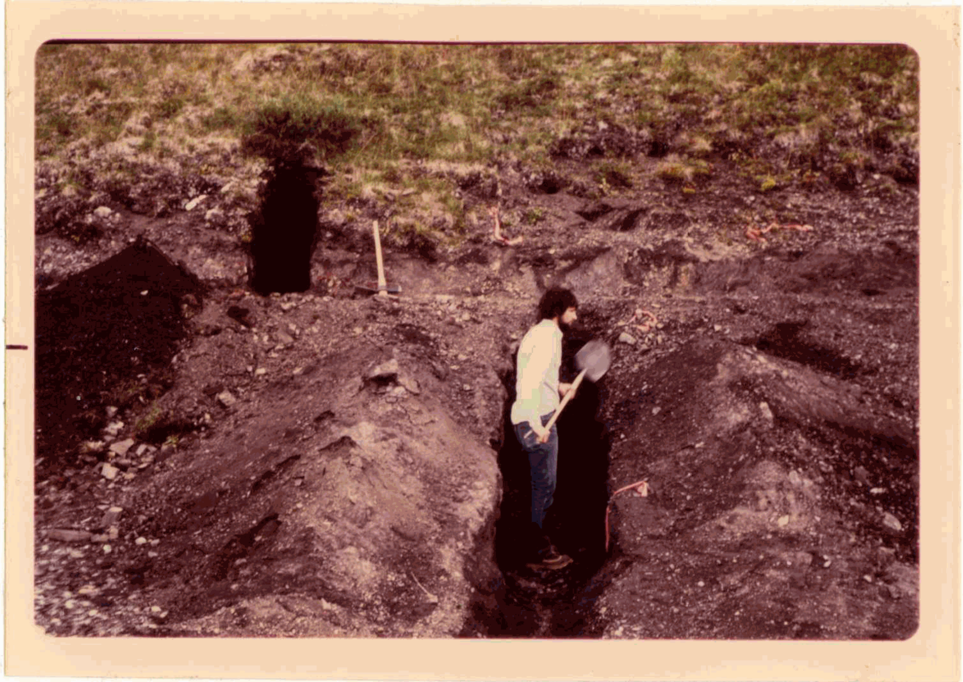


PHOTO 3 View showing west (left) and central (right) cross trenches.

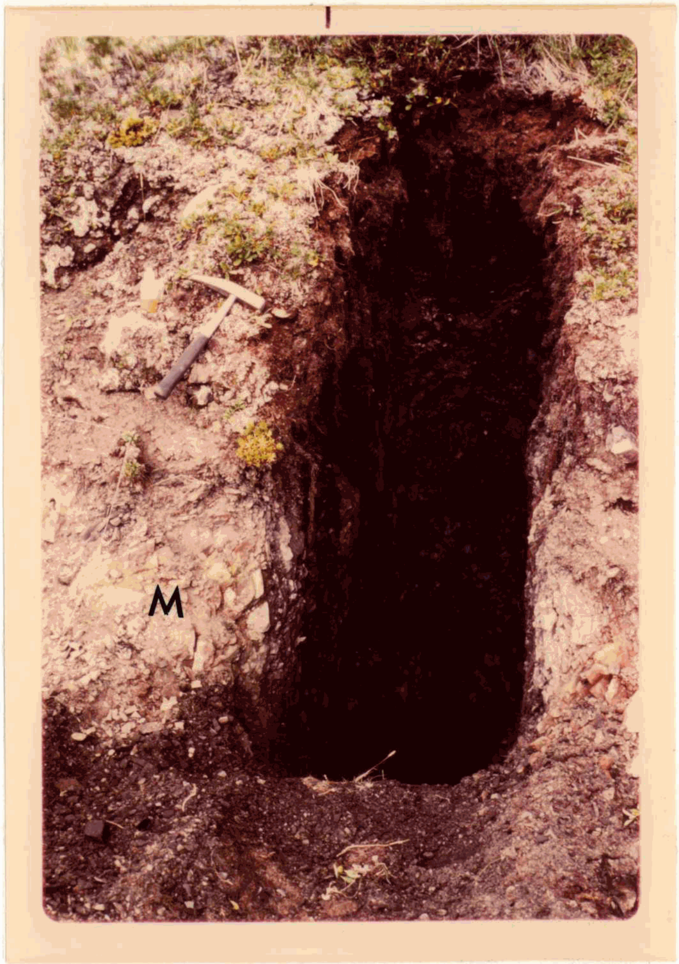


PHOTO 4 Detail of west cross trench in black mudstone. Note Pb reactant stain on massive mudstone (M).

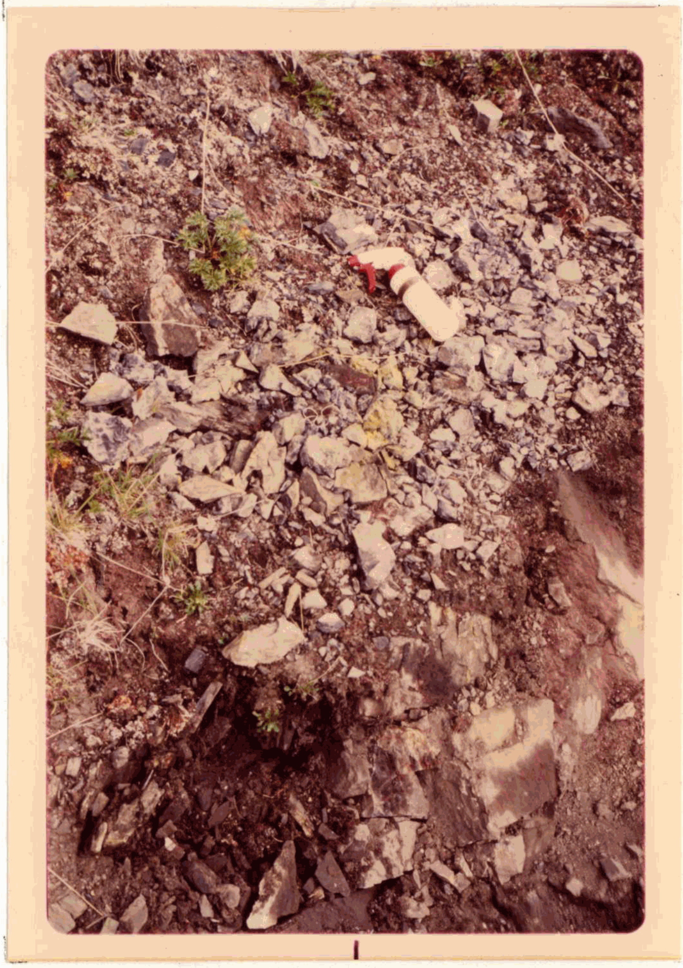


PHOTO 5 Oxidized rock fragments from the "Discovery Trench" showing reaction to Pb and Zn tests.

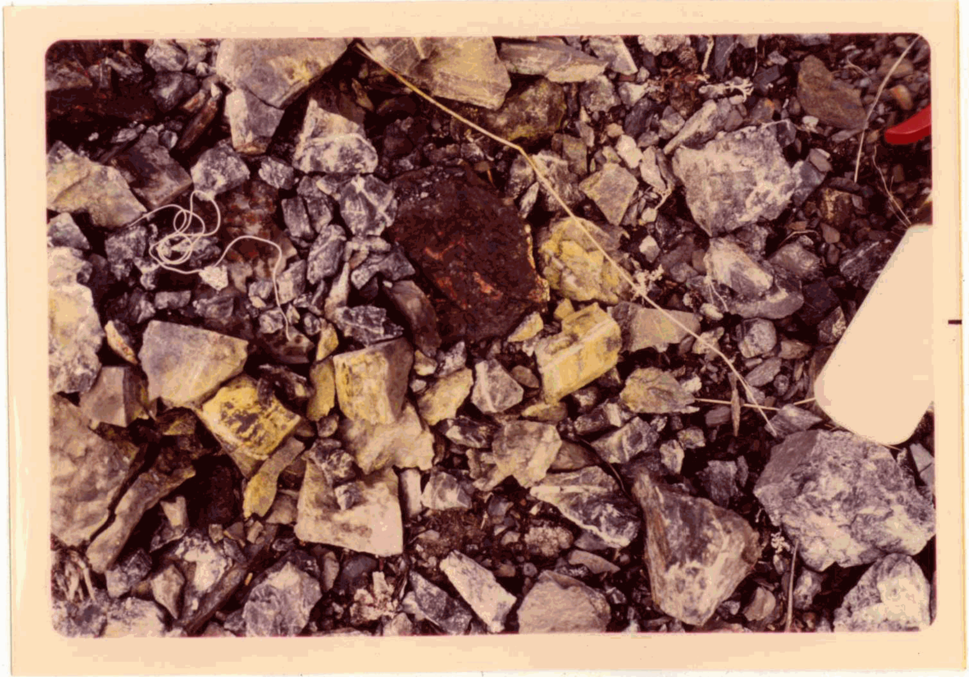


PHOTO 6 Close-up of trench material showing positive zinc (red coating) and lead (yellow coating) reactions.

5.3 GENESIS OF MINERALIZATION

Evidence from field and petrographic examination supports a recent secondary origin for the lead and zinc sulphates, carbonates, and/or oxides. Such a genesis is supported by:

(1) localization of cerussite along fractures and coating quartz grains,

(2) lack of lead or zinc sulphides even on fresh unweathered surfaces,

(3) decrease of lead and zinc assay values and/or test solution response with decreased exposure to circulating surface waters, and

(4) presence of extensive if localized zinc bearing travertine which in Pleistocene times was deposited by analogous processes of deposition by circulating ground and/or surface waters.

6. CONCLUSIONS

The primary objectives of the 1977 programme were to locate areas on the property that might reflect Howards Pass-type mineralization and to investigate the already known occurrences.

Mapping on the property has found only the Wispy Marker Unit and strata above it stratigraphically. The stratigraphic unit representing that of the "active zone" or sulphide bearing unit at Howards Pass occurs beneath the continuation of the Wispy Marker Unit (the Flaggy Mudstone of Howards Pass): It is thus not exposed on the Itsi claims.

A search for the favourable unit by drilling is not favoured because of the intense and erratic nature of the deformation and the possible thicknesses of 220 m to the equivalents of Howards Pass favourable lithologies. There are furthermore, marked sedimentological differences, as in the abundances of tuffs between the Itsi and the type Howards Pass areas.

Where localized deeps or sub-basins have not developed within the Selwyn Basin, the sequence is seen to pass directly from the Wavy Banded Limestone, through a sequence of black mudstones to a siliceous unit below the Wispy

Marker. In such situations the requisite Howards Pass section containing the sulphides is lacking and undeveloped. There is no evidence that sub-basins developed on the Itsi claims and so allowed deposition of the sequence including the Howards Pass "acitve zone". It is apparent, however, that the property has in a separate embayment in the Selwyn Basin from that at Howards Pass.

The presence of the Wispy Marker is therefore insufficient cause to warrant drilling; it is ubiquitous at this stratigraphic level in the Road River Formation. Any projected correlation of unexposed stratigraphy would, at best, be tenuous.

7. RECOMMENDATIONS

It has not been demonstrated that a well-defined exploration target exists on the Itsi property. The geochemical response is sporadic, and only single anomalous samples are present in areas beyond the discovery trench. No further follow-up work is recommended and the Itsi Option should be allowed to lapse.

Respectively submitted,
RIO TINTO CANADIAN EXPLORATION LTD.

J.L. Hardy, B.Sc.

H.W. Marsh, B.Sc., P. Eng.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
H. W. MARSH

APPENDIX A

Assay Results

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº (NMBR)		Ag	Cu	Ni	Pb	Zn			COMMENTS
1	201876		7.0	54	18	67200	33000			
2	201877		4.4	26	16	51200	16000			
3	201878		1.1	36	38	5670	70000			
4	201879		0.9	90	34	14400	44000			
5	201880		1.5	33	36	15900	100000			
6	201881		10.6	36	10	74400	3130			
7	201882		4.8	42	40	31600	83000			
8	201883		4.8	28	26	39900	17000			
9	201884		1.5	39	70	6330	67000			
10	201885		1.5	39	38	10500	13000			
11	201886		1.7	48	96	7900	34000			
12	201887		2.8	32	22	18500	7660			
13	201888		2.8	34	44	19300	22000			
14	201889		1.5	60	34	875	1200			
15	201890		3.3	47	32	19600	12000			
16	201891		1.7	38	36	7300	64000			
17	201892		2.6	66	24	14300	590			

REPORT Nº. 77-56

PAGE 2 of 2

To: Rio T' to Canadian Exploration Ltd.

PAGE No. 1

1115 West 15th Street
North Vancouver, B.C.
V7J 1K6

REPORT No A27 · 57

DATE: August 10, 1977

Samples submitted: August 9, 1977
Results complted : August 10, 1977

PROJECT: 8611/ITSI

BONDAR-CLEGG & COMPANY LTD.

CERTIFICATE OF ASSAY

I hereby certify that the following are the results of assays made by us upon the herein described rejects samples.

MARKED	GOLD		SILVER	Pb	Zn						TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
201876				5.60	3.63						
201877				5.25	3.04						
201878				0.65	5.15						
201879				1.62	4.06						
201880				1.34	10.25						
201881				6.53	0.32						
201888				2.25	1.74						
201889				0.12	0.17						
201890				1.31	1.15						

(11)

Registered Assayer, Province of British Columbia

To: Rio ' to Canadian Exploration Ltd.

PAGE No. 1

copy sent to Ji Holly

REPORT No A27 -

DATE: August 17, 1977

BONDAR-CLEGG & COMPANY LTD.

1115 West 15th Street
North Vancouver, B.C.
V7J 1K6

RECEIVED
AUG 22 1977

CERTIFICATE OF ASSAY

Samples submitted: August 10, 1977
Results completed: August 17, 1977

I hereby certify that the following are the results of assays made by us upon the herein described pulp samples.

MARKED	GOLD		SILVER	Pb*	Zn*						TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
201876				4.82	3.55						
201877				4.45	3.00						
201878				0.58	5.10						
201879				1.40	3.88						
201880				1.24	9.70						
201881				5.70	0.30						
201888				1.85	1.65						
201889				0.11	0.16						
201890				1.18	1.08						

* non-sulphide

Registered Assayer, Province of British Columbia

(111)

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº (NMBR)		Ag	Pb	Zn					COMMENTS
1	ITSI 1		1.5	330	1050					
2	ITSI 2		0.5	185	3450					
3	ITSI 3		0.5	10500	1210					
4	ITSI 4		0.5	725	970					
5	ITSI 5		ND	1120	3650					
6	ITSI 6		ND	770	5200					
7	ITSI 7		7.0	74400	525					

REPORT Nº. 77-69

APPENDIX B

Polished Section Study

(v)

RECEIVED

AUG 23 1977

A POLISHED SECTION STUDY
OF
TWO RIOCANEX SAMPLES

For:
Vancouver Petrographics Ltd.
8887 Nash Street
P.O. Box 39
Fort Langley, B.C.
VOX 1JO

By:
J.A. McLeod, M.A.Sc., P. Eng.

SAMPLE 1

HAND SPECIMEN DESCRIPTION

A black coloured, fine grained, argillaceous sedimentary rock. Quartz veining 1-2mm wide traverse the rock in a preferred orientation. Some quartz is drusy and the rock is porous and weathered.

POLISHED SECTION DESCRIPTION

Mineralogy:

Cerussite;	1-2%, is present as thin stringers 0.05-0.10mm wide paralleling and cross-cutting quartz veins and the layering(?) of the rock. The mineral appears to fill late stage open fractures. Cerussite is also present as encrustations on drusy quartz, in open quartz veining and in cores of quartz. Irregular blebs of the mineral are present in the host sedimentary rock and 2 or 3 cube forms 0.3-0.4mm in size indicate that the mineral is pseudomorphic after galena.

Discussion:

No sulphide minerals are visible. Cerussite is identified and is responsible for lead content of the rock. No other mineral is identified although zinc could be present as a carbonate or oxide and be difficult to identify in polished section particularly in fine dispersed fashion.

SAMPLE 2

HAND SPECIMEN DESCRIPTION

The same as sample 1.

POLISHED SECTION DESCRIPTION

Mineralogy:

Cerussite; ~ 1%, as in the previous sample.

Unknown; Tr., as blood red coloured dispersed encrustations along one open fracture. This may be a zinc oxide.

Discussion:

This specimen contains less cerussite than that of sample 1 but may contain zinc in oxide form. No pseudomorphs of cerussite after galena are seen.

CONCLUSIONS

The assay results for lead are at least in part a reflection of cerussite content. Although no zinc oxide or carbonate are positively identified they are not particularly distinctive in polished section and may very well be present. Both cerussite and smithsonite are secondary minerals found in oxidized zones of Pb-Zn deposits and are the product of primary sulphide mineral alteration. Although no sulphide minerals are present in these two samples, cerussite in cube shapes suggests it pseudomorphs galena.

J.A. McLeod

J.A. McLeod, M.A.Sc., P.Eng.

PROFESSIONAL
PROVINCE OF
J. A. McLEOD
BRITISH COLUMBIA
ENGINEER

APPENDIX C

Soil - Silt Sample Results

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION -- [illegible]

LAB Nº.	SAMPLE Nº. (NMBR)		Cu	Mo	Ni	Pb	Zn			COMMENTS
1	7731001	.3	27	13	25	1200	168			
2	2	.6	45	13	32	423	285			
3	3	.5	43	15	28	36	460			
4	4	.4	9	4	6	6	26			
5	5	.6	31	5	35	11	385			
6	6	.3	38	8	32	8	210			
7	7	.2	38	40	135	9	415			
8	8	.3	43	20	144	10	560			
9	9	ND	33	31	73	18	335			
10	10	.8	38	12	28	21	490			
1	11	.3	67	48	128	21	528			
~~2~~	[illegible]	~~ND~~	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
3	12	ND	12	36	40	10	110			
4	13	ND	21	23	42	13	225			
5	14	.3	6	2	5	1	21			
6	15	.2	14	8	14	5	21			
7	16	1.7	17	6	14	11	25			
8	17	0.3	26	9	23	13	168			
9	18	ND	12	6	13	3	76			
20	19	ND	16	7	10	6	[illegible]			
1	20	7.5	12	5	14	8	36			
~~2~~	[illegible]	~~ND~~	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
3	21	.6	2	1	2	2	6			
4	22	0.1	9	3	9	4	[illegible]			
5	23	0.1	32	10	36	16	185			
6	24	0.8	32	10	38	19	195			
7	25	1.5	2	2	3	3	3			
8	26	1.3	5	2	4	3	22			
9	27	4.1	26	4	21	8	167			
30	28	1.2	6	2	9	2	46			
1	29	0.3	2	18	3	2	2			
2	30	0.4	14	4	15	6	95			
3	31	ND	19	5	27	2	210			
4	32	.6	21	4	26	5	150			
5	33	ND	22	6	35	2	185			
6	34	.2	22	4	35	7	22			
7	35	.9	51	10	49	12	310			
8	36	.4	67	14	54	11	350			
9	37	1.0	61	6	74	6	225			
0	77[illegible]	0.7	41	6	47	[illegible]	255			

REPORT Nº. 77-24

PAGE [illegible] of [illegible]

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Cu	Mo	Ni	Pb	Zn			COMMENTS
41	77311039	2-1	26	3	17	3	66			
* 2	40	.5	94	8	158	2	230			.24g
* 3	41	.4	42	5	58	2	190			.24g
* 4	42	ND	24	6	35	2	215			.24g
* 5	43	ND	30	4	36	1	300			.24g
* 6	44	.2	56	2	120	1	375			.24g
* 7	45	ND	14	4	12	1	260			.24g
8	46	.3	14	4	8	126	56			
9	47	.6	32	18	27	13	160			
50	48	.4	23	41	32	15	240			
1	49	.2	23	17	20	17	116			
2	50	.2	52	19	31	27	220			
~~3~~	~~[illegible]~~	~~.8~~	~~30~~	~~32~~	~~7~~	~~[illegible]~~	~~245~~			
4	51	.1	39	13	23	19	158			
5	52	.1	12	5	11	6	62			
6	53	.2	56	18	71	16	375			
7	54	.1	30	19	58	8	255			
8	55	.2	32	12	41	16	230			
9	56	.3	11	5	15	5	66			
60	57	.1	22	8	30	6	130			
1	58	.3	29	14	40	6	165			
2	59	.8	57	8	48	16	235			
~~3~~	~~BLANK~~	~~ND~~	~~ND~~	~~1~~	~~ND~~	~~ND~~	~~ND~~			
4	60	.9	54	32	111	42	16[illegible]			
5	61	.5	1	2	2	ND	4			
6	62	.3	47	8	64	22	240			
7	63	ND	5	2	4	1	12			
8	[illegible]	.2	22	14	26	7	152			
9	[illegible]	ND	28	12	33	10	146			
70	[illegible]	ND	13	6	13	4	62			
1	67	ND	8	4	12	3	52			
2	68	ND	4	2	3	1	14			
3	69	.1	ND	1	ND	ND	2			
4	70	.1	2	3	1	1	8			
5	71	.1	1	2	1	ND	4			
6	72	.3	1	1	1	ND	4			
7	73	.4	1	2	1	ND	2			
8	74	.2	1	3	1	1	6			
9	75	.4	43	16	53	26	250			
80	7731[illegible]	.3	[illegible]	10	40	16	198			

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Cu	Mo	Ni	Pb 59	Zn 360			COMMENTS
* 81	77311077	.6	26	8	42	ND	100			0.247
* 2	78	.1	28	6	34	2	78			
* 3	79	.4	70	8	108	4	440			
* 4	80	.3	28	10	25	12	142			
* 5	81	.5	54	10	56	13	220			
* 6	82	1.3	64	14	62	18	360			
* 7	83	.4	80	9	80	20	425			
* 8	84	.6	68	6	65	2	285			
* 9	85	.5	56	2	112	11	1070			
× 90	86	1.2	66	3	500	.5	1300			
1	87	2.8	20	4	28	2	275			
2	88	1.8	105	4	880	1	1260			
3	89	1.8	190	11	90	8	500			
~~4~~	~~[illegible]~~	~~ND~~	~~40~~	~~[illegible]~~	~~26~~	~~4~~	~~58~~			
5	90	ND	10	4	8	1	54			
6	91	ND	25	6	32	7	285			
7	92	.2	18	4	14	5	68			
8	93	ND	2	1	2	1	4			
9	94	ND	3	ND	2	1	6			
100	95	.2	10	5	6	3	34			
1	96	.4	14	4	11	2	80			
2	97	ND	16	11	8	ND	380			
3	98	.2	23	4	28	ND	275			
~~4~~	~~[illegible]~~	~~ND~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~			
5	99	.2	15	4	46	ND	500			
6	100	.2	18	6	35	ND	210			
7	101	.2	38	4	26	4	140			
8	102	ND	16	6	9	ND	193			
9	103	.2	14	4	6	2	107			
110	104	.4	32	4	28	8	172			
1	105	ND	32	3	16	2	58			
2	106	ND	20	6	16	2	108			
3	107	ND	24	4	16	ND	205			
4	108	.2	82	ND	64	2	160			
5	109	ND	12	5	8	1	[illegible]	125		
6	110	ND	22	6	16	6	98			
7	111	ND	17	4	10	2	54			
8	112	.2	21	4	14	5	88			
9	113	.2	8	3	6	3	37			
0	77311114	ND	22	10	18	7	86			

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION 59 360

LAB Nº.	SAMPLE Nº. (NMBR)	Ag	Cu	Mo	Ni	Pb	Zn			COMMENTS
121	77311115	ND	13	5	8	ND	46			0.249
2	77312001	1.8	56	58	105	235	650			
3	2	.1	44	17	66	75	350			
4	3	.8	28	48	22	610	205			
5	4	.3	44	26	62	66	315			
6	5	.4	70	26	130	17	530			
7	6	.2	32	24	32	13	185			
8	7	.4	51	24	67	20	405			
9	8	.2	38	18	32	17	178			
130	9	.2	62	10	36	16	255			
1	10	ND	52	6	32	12	190			
2	11	ND	58	5	31	14	185			
3	12	.1	156	6	55	14	340			
4	13	ND	98	7	47	18	255			
5	~~[illegible]~~	~~.1~~	~~16~~	~~3~~	~~6~~	~~[illegible]~~	~~[illegible]~~			
6	14	ND	25	2	9	6	44			
7	15	ND	48	4	32	22	114			
8	16	ND	40	3	32	30	104			
9	17	ND	17	2	12	15	34			
140	18	ND	42	5	42	51	75			
1	19	ND	42	7	35	94	64			
2	20	ND	14	4	8	12	14			
3	21	ND	67	7	46	36	50			
4	22	ND	72	10	45	16	119			
5	~~[illegible]~~	~~ND~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~			
6	23	ND	40	8	21	8	122			
7	24	ND	20	6	21	47	122			
8	25	ND	22	18	33	36	135			
9	26	ND	20	4	38	65	315			
150	77312027	ND	44	3	34	42	134			
1	~~[illegible]~~	~~.3~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~			
2	1014	.2	6	3	6	[illegible]	20			
3	1028	1.4	3	7	2	[illegible]	8			
4	1046	.1	15	4	8	138	57			
5	[illegible]	ND	60	26	74	15	37			
6	[illegible]	ND	1	ND	1	ND				
7	[illegible]	.7	[illegible]	7	54	11	5			
8	[illegible]	ND	10	[illegible]	7	[illegible]	38			
9	[illegible]	.3	60	24	124	14	[illegible]			
0	[illegible]	.2	[illegible]	[illegible]	34	[illegible]	[illegible]			

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
1	77312028		ND	32	4	22	57	120		
2	29		ND	40	4	23	41	112		
3	30		0.2	26	6	15	17	85		
4	31		ND	21	4	32	67	160		
5	32		0.1	66	7	30	28	156		
6	33		1.1	98	33	52	31	215		
7	34		1.0	81	31	54	26	220		
8	35		0.2	62	6	38	12	195		
9	36		0.3	185	7	51	10	235		
10	37		0.4	61	5	29	9	155		
1	38		ND	27	3	17	3	78		
~~2~~	~~[illegible]~~		~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~		
3	39		0.3	73	6	50	14	165		
4	40		0.3	58	5	50	13	160		
5	41		0.1	51	4	46	10	132		
6	42		0.2	75	5	52	12	185		
7	43		0.9	56	6	39	18	240		
8	44		0.2	11	2	6	3	26		
9	45		0.1	57	8	35	14	230		
20	46		0.7	56	9	25	13	130		
1	47		0.3	60	6	46	12	195		
~~2~~	~~[illegible]~~		~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~		
3	48		0.6	44	7	20	11	175		
4	49		[illegible]	57	7	17	9	129		
5	50		0.2	61	8	22	15	225		
6	51		0.5	83	9	27	15	305		
7	52		0.4	22	4	12	8	112		
8	53		0.4	59	7	33	18	143		
9	54		0.3	56	9	28	14	185		
30	55		0.2	49	10	23	15	150		
1	56		0.2	35	10	26	28	165		
2	57		0.3	34	12	34	33	220		
3	58		0.9	74	26	64	38	335		
4	59		0.4	53	19	34	37	400		
5	60		0.2	52	13	37	110	345		
6	77313001		0.6	21	9	11	300	85		
7	77314001		[illegible]	2	ND	1	3	3		
8	2		0.2	13	1	7	4	55		
9	3		0.1	16	ND	2	1	13		
40	[illegible]		0.1	8	1	3	1	23		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
1	77313005		0.4	89	6	51	19	255		
2	6		0.2	77	5	46	14	290		
3	7		0.8	96	6	57	18	375		
4	8		0.5	114	6	61	15	365		
5	9		1.2	108	6	54	15	375		
6	10		0.7	73	7	39	10	260		
7	11		0.3	70	7	52	12	255		
8	12		0.2	69	7	82	13	255		
9	13		0.2	65	5	67	18	185		
50	14		0.2	83	7	60	12	163		
1	15		0.2	67	6	28	9	95		
2	16		0.2	67	6	42	10	64		
3	~~STD~~		~~0.9~~	~~31~~	~~33~~	~~8~~	~~355~~	~~275~~		
4	17		ND	47	5	38	6	64		
5	18		ND	13	2	7	1	32		
6	19		0.1	73	5	44	9	140		
7	20		0.1	36	3	22	4	72		
8	21		0.3	78	6	50	15	225		
9	22		0.2	33	3	16	3	50		
60	23		ND	28	8	22	9	82		
1	24		ND	4	2	2	1	8		
2	25		ND	14	2	9	3	42		
~~3~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~		
4	26		0.3	24	2	15	16	160		
5	27		0.3	26	1	12	7	58		
6	28		0.1	14	1	12	4	76		
7	29		0.1	26	2	11	6	77		
8	30		ND	29	1	20	4	66		
9	31		0.2	23	ND	17	4	64		
70	32		ND	4	ND	1	1	7		
1	33		ND	29	1	16	6	80		
2	34		ND	9	ND	4	ND	20		
3	35		ND	4	ND	1	ND	8		
4	36		ND	9	2	4	ND	134		
5	37		0.2	23	3	11	6	118		
6	38		0.1	8	1	4	1	32		
7	39		ND	56	3	37	11	132		
8	40		ND	23	3	28	8	105		
9	41		0.1	33	3	21	14	110		
80	77313042		ND	72	3	30	6	115		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
1	77313043		ND	24	2	28	8	108		
2	44		ND	28	2	20	11	112		
3	45		ND	16	1	11	10	104		
4	46		ND	10	ND	7	4	34		
5	47		0.1	21	2	19	12	96		
6	48		ND	25	3	17	7	62		
7	49		0.2	41	3	19	5	65		
8	50		0.1	31	1	15	3	50		
9	51		0.1	36	2	20	4	64		
90	52		0.1	54	4	34	9	100		
1	53		0.1	71	6	49	9	110		
2	54		0.1	76	7	47	10	96		
3	55		0.2	52	4	31	8	88		
~~4~~	[illegible]		~~0.1~~	~~30~~	~~3~~	~~25~~	~~5~~	~~64~~		
5	56		0.1	33	3	22	6	115		
6	57		0.1	103	8	83	18	650		
7	58		0.4	103	9	71	16	465		
8	59		0.7	30	3	18	7	138		
9	60		0.3	72	6	51	18	410		
100	61		0.1	9	2	5	2	45		
1	62		0.2	4	1	3	1	20		
2	63		1.4	52	43	50	14	345		
3	64		0.7	67	17	44	15	285		
~~4~~	[illegible]		~~ND~~	~~ND~~	~~ND~~	[illegible]	[illegible]	[illegible]		
5	65		0.7	28	8	110	4	960		
6	66		0.5	39	18	720	6	5800		
7	67		0.2	17	4	21	16	137		
8	68		0.8	18	6	32	25	185		
9	69		0.1	17	4	24	6	130		
110	70		0.1	7	2	9	1	44		
1	71		ND	3	1	3	1	15		
2	72		ND	7	39	120	2	780		
3	73		ND	5	3	140	ND	9300		
4	74	ND	~~0.2~~	11	3	760	1	5700		
5	75	0.2	[illegible]	11	2	27	6	500		
6	76	1.2	[illegible]	35	6	47	19	470		
7	77	1.8	[illegible]	100	54	143	41	1350		
8	78	1.0	[illegible]	41	4	91	7	200		
9	79	0.1	[illegible]	38	6	22	ND	160		
120	77313080	0.4		27	4	22	1	225		

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LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
1	77313081		0.3	15	4	10	5	112		
2	82		0.3	23	2	13	2	280		
3	83		0.2	5	2	3	1	25		
4	84		0.7	18	10	26	9	162		
5	85		0.1	34	4	330	1	13000		
6	86		0.2	35	4	180	2	620		
7	77313087		1.2	13	2	15	3	98		
8	77314001		0.9	54	20	53	260	355		
9	2		0.5	30	7	44	44	225		
130	3		0.2	36	7	32	16	172		
1	4		0.2	44	9	42	18	242		
2	5		0.3	40	10	43	19	275		
3	6		0.2	33	7	40	32	240		
4	7		0.2	39	11	47	56	310		
~~5~~	[illegible]		[illegible]	[illegible]	~~1~~	[illegible]	~~27~~	[illegible]		
6	8		0.2	41	10	54	42	290		
7	9		0.1	31	11	34	43	225		
8	10		0.2	48	26	64	30	330		
9	11		0.1	46	33	56	21	460		
140	12		0.2	36	18	44	55	260		
1	13		0.2	36	16	53	38	325		
2	77314014		1.4	120	27	380	46	2600		
3	15		1.2	79	2	55	11	165		
4	16		ND	35	12	48	11	265		
~~5~~	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
6	17		0.2	16	4	17	7	103		
7	18		0.4	32	3	33	23	145		
8	19		0.6	30	4	24	17	148		
9	20		0.1	29	9	37	11	180		
150	77314021		ND	16	5	15	7	92		
~~1~~	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
2	[illegible]~~12029~~		~~ND~~	~~40~~	~~5~~	~~23~~	[illegible]	~~108~~		
3	[illegible]		~~0.1~~	~~55~~	~~8~~	[illegible]	~~12~~	~~154~~		
4	~~77312051~~		~~0.4~~	~~80~~	[illegible]	~~22~~	~~16~~	~~300~~		
5	~~77313005~~		[illegible]	[illegible]	~~7~~	~~52~~	~~19~~	~~350~~		
6	~~12~~		[illegible]	[illegible]	~~8~~	~~53~~	~~13~~	~~265~~		
7	~~24~~		~~ND~~	~~3~~	[illegible]	~~2~~	~~ND~~	~~8~~		
8	[illegible]		~~ND~~	~~9~~	~~2~~	[illegible]	~~1~~	~~19~~		
9	~~43~~		~~ND~~	~~24~~	~~4~~	~~29~~	~~7~~	~~105~~		
160	[illegible]		~~0.1~~	~~5~~	~~2~~	~~3~~	~~2~~	[illegible]		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR·)		Au	Cu	Mo	Ni	Pb	Zn		COMMENTS
1	773-4022		0.2	50	6	96	13	270		
2	23		0.1	26	7	25	10	152		
3	24		0.4	16	3	14	6	86		
4	25		0.3	19	1	17	1	69		
5	26		0.5	18	3	17	7	134		
6	27		1.4	43	11	41	14	335		
7	28		0.6	20	8	22	7	152		
8	29		0.8	53	21	78	17	~~730~~	650	
9	30		1.9	36	9	43	7	330		
10	31		3.3	96	17	81	11	680		
1	32		0.4	44	8	36	12	280		
~~2~~	~~[illegible]~~		~~0.5~~	~~[illegible]~~	~~2~~	~~21~~	~~5~~	~~57~~		
3	33		0.3	21	3	14	4	90		
4	34		1.1	32	8	29	17	175		
5	35		0.3	101	10	530	2	225		
6	36		0.1	52	3	64	1	135		
7	37		0.3	18	ND	10	1	62		
8	38		0.1	23	2	12	1	52		
9	39		1.6	17	2	9	3	50		
20	40		0.2	[illegible]	6	16	5	128		
1	41		1.2	31	5	37	5	260		
~~2~~	~~[illegible]~~		~~ND~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~ND~~	~~100~~		
3	42		0.3	26	1	13	ND	69		
4	43		0.3	27	ND	110	ND	135		[illegible]
5	44		1.5	65	6	64	16	350		
6	45		0.2	28	2	19	14	125		
7	46		0.3	12	3	6	8	52		
8	47		0.6	73	2	100	1	130		
9	48		1.4	51	5	113	2	790		
30	49		0.2	63	3	96	2	425		
1	50		1.5	24	2	38	3	170		
2	51		ND	22	6	10	8	54		
3	52		0.6	63	9	52	10	255		
4	53		1.3	39	2	22	4	86		
5	54		0.9	22	1	15	3	64		
6	[illegible]		0.6	41	5	41	7	180		
7	[illegible]		2.3	128	2	104	17	490		
8			0.1	41	4	22	3	74		
9	[illegible]		0.3	26	4	13	8	94		
0			1.7	23	3	15	4	54		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
44	77314060		1.4	108	4	87	13	205		
2	61		0.1	30	4	28	7	165		
3	62		0.1	14	3	11	3	80		
4	63		0.2	33	7	27	9	148		
5	64		0.2	25	3	20	6	145		
6	65		0.3	20	3	18	11	134		
7	66		0.2	17	2	15	5	108		
8	67		ND	21	1	26	3	94		
9	68		0.2	13	1	12	3	94		
50	69		0.2	8	ND	4	2	35		
1	70		0.1	36	3	25	13	130		
2	71		0.1	24	1	16	5	80		
~~3~~	[illegible]		[illegible]	~~14~~	~~1~~	~~6~~	~~28~~	~~920~~		
4	72		ND	15	1	5	1	39		
5	73		0.1	23	1	11	2	135		
6	74		0.1	28	2	26	10	135		
7	75		0.1	30	2	22	11	88		
8	77312501X		0.6	74	23	250	21	[illegible]	4100	
9	01Y		0.6	74	23	241	22	3900		
60	02		0.6	57	15	108	16	1180		
1	03		1.2	74	16	260	23	3500		
2	04		0.3	93	12	156	27	3800		
~~3~~	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	~~ND~~	~~ND~~		
4	05		0.3	91	8	117	23	[illegible]	710	
5	06		2.4	154	57	152	119	1320		
6	07		1.1	121	38	480	38	4400		
7	08		0.2	38	10	140	135	1970		
8	09		0.8	73	16	410	29	4000		
9	10		1.0	49	16	106	24	710		
70	11		1.0	93	28	141	55	1350		
1	[illegible]		0.9	88	27	138	53	1300		
2	[illegible]		1.1	91	39	142	80	1320		
3	[illegible]		1.1	89	29	147	63	1420		
4	77314[illegible]		1.2	82	24	147	16	1120		
5	77310501		1.0	62	12	142	13	1450		
6	[illegible]		1.1	90	22	133	43	1200		
7	[illegible]		0.2	33	2	75	4	420		
8	[illegible]		0.2	12	2	10	3	112		
9	[illegible]		ND	4200	2	345	ND	6000		[illegible]
0	[illegible]		ND	6	2	16	1	600		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Au	Cu	Mo	Ni	Pb	Zn		COMMENTS
91	7731119		ND	16	3	13	3	93		
2	20		0.1	43	4	31	8	165		
3	21		0.1	15	3	12	3	96		
4	22		0.1	31	7	28	8	150		
5	23		0.1	4	1	5	ND	25		
6	24		0.1	6	1	7	ND	40		
7	25		ND	19	3	15	3	80		
8	26		0.3	63	7	58	12	300		
9	27		0.2	18	1	17	1	64		
90	28		0.1	7	1	6	ND	55		
1	29		ND	6	2	4	ND	56		
2	30		ND	7	2	5	2	30		
3	31		1.1	31	4	32	6	180		
~~4~~	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
5	32		0.3	21	3	19	2	110		
6	33		0.3	22	4	16	3	112		
7	34		0.3	21	3	18	3	114		
8	35		1.0	17	3	12	2	54		
* 9	36		0.2	22	2	36	ND	180		[illegible]
100	37		0.4	58	12	37	8	290		
1	38		0.1	3	1	4	ND	25		
2	39		0.3	5	2	4	1	33		
* 3	40		0.2	12	7	8	ND	260		[illegible]
~~4~~										
* 5	41		0.1	20	6	12	1	260		[illegible]
* 6	42		0.1	22	4	14	ND	155		[illegible]
* 7	43		0.3	10	ND	6	ND	50		[illegible]
* 8	44		0.1	25	4	15	1	145		[illegible]
* 9	45		ND	20	2	12	ND	115		[illegible]
* 10	46		0.2	10	4	8	1	65		[illegible]
* 1	47		0.2	12	2	12	ND	75		[illegible]
* 2	48		0.6	8	3	6	1	23		[illegible]
3	49		0.8	4	ND	1	ND	2		
4	50		1.6	32	3	19	3	104		
5	51		0.6	67	8	52	10	290		
6	52		0.4	29	65	46	5	310		
7	53		0.1	6	1	2	ND	11		
8	54		0.4	8	1	5	1	24		
9	55		0.1	17	2	10	2	55		
0	[illegible]		ND	5	ND	2	1	13		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
121	77311157		ND	8	2	7	1	28		
2	58		0.1	30	4	25	7	100		
3	59		0.1	12	1	8	2	28		
4	60		ND	26	2	23	4	116		
5	61		0.1	12	1	8	1	52		
6	62		0.1	12	2	9	2	48		
7	63		0.1	10	2	8	1	102		
8	64		0.1	45	5	35	8	172		
9	65		ND	3	1	2	ND	8		
130	66		0.1	19	2	13	2	102		
1	67		0.2	22	3	14	2	88		
2	68		0.1	20	2	15	5	74		
3	69		0.2	32	3	22	7	128		
4	70		0.3	14	2	8	2	48		
5	[illegible]		[illegible]	[illegible]	~~2~~	[illegible]	~~4~~	[illegible]		
6	71		0.3	24	3	16	7	135		
7	72		0.3	35	3	20	7	120		
8	73		0.1	10	1	6	1	31		
9	74		ND	24	4	15	3	75		
140	75		ND	[illegible]	3	13	6	106		
1	76		ND	13	1	4	1	19		
2	77		0.1	4	2	3	ND	12		
3	78		0.2	9	2	7	1	52		
4	79		0.1	4	1	4	ND	24		
5	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
6	80		0.9	165	10	107	14	550		
7	81		0.7	158	10	87	14	440		
8	82		0.6	146	9	69	13	425		
9	83		6.5	96	117	26	36	195		
150	84		3.3	117	108	40	18	250		
1	[illegible]		[illegible]	[illegible]	~~2~~	[illegible]	~~2~~	[illegible]		
2	~~051 82~~		~~ND~~	~~24~~	~~6~~	~~13~~	~~7~~	[illegible]		
3	~~051 83~~		~~0.1~~	~~8~~	~~1~~	~~5~~	~~2~~	~~34~~		
4	~~77312503~~		~~1.1~~	~~75~~	~~17~~	~~260~~	~~22~~	~~3800~~		
5	~~511~~		~~1.1~~	~~96~~	~~31~~	~~102~~	~~67~~	~~1300~~		
6	~~77311122~~		~~ND~~	~~9~~	~~2~~	~~6~~	~~1~~	~~54~~		
7	~~149~~		~~1.0~~	~~4~~	~~1~~	~~2~~	~~ND~~	~~3~~		
8	~~156~~		~~ND~~	~~5~~	~~ND~~	~~3~~	~~1~~	~~14~~		
9	~~169~~		~~0.2~~	~~32~~	~~3~~	~~22~~	~~7~~	~~127~~		
0	~~7311190~~		~~0.9~~	~~165~~	~~12~~	~~108~~	~~13~~	~~575~~		

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A. TROUP

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
1	773185		2.2	103	43	38	15	275		
2	186		2.0	93	30	39	13	300		
3	187		1.2	83	38	41	12	350		
4	188		0.1	8	2	4	ND	26		
5	189		0.5	16	6	17	3	110		
6	190		ND	6	2	5	ND	36		
7	191		0.2	5	1	7	ND	48		
8	192		0.3	8	1	9	1	64		
9	193		0.2	5	1	4	1	37		
10	194		0.4	27	4	21	5	122		
1	195		0.4	36	4	30	5	175		
~~2~~	~~[illegible]~~		~~0.1~~	~~37~~	~~3~~	~~24~~	~~5~~	~~106~~		
3	196		0.6	52	6	55	11	270		
4	197		0.2	54	11	63	9	380		
5	198		0.1	15	4	15	3	118		
* 6	199		0.1	15	8	13	2	220		[illegible]
7	200		0.3	8	11	28	3	158		[illegible]
8	201		0.1	3	1	2	1	14		
* 9	202		0.4	18	8	48	1	610		[illegible]
* 20	203		0.5	25	5	42	1	575		[illegible]
1	204		0.3	12	7	21	1	124		[illegible]
~~2~~	~~[illegible]~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~		
3	205		0.2	6	ND	3	1	24		
4	[illegible]		0.1	3	1	2	ND	12		
5	[illegible]		ND	4	1	2	1	12		
6	208		0.9	5	ND	4	ND	24		
7	209		0.2	1	ND	ND	ND	4		
8	210		4.6	3	1	3	ND	18		
9	211		1.0	22	5	17	2	128		
30	212		0.7	36	4	61	4	398		
1	213		0.2	3	2	2	ND	26		
2	214		0.4	26	7	23	1	530		
3	215		0.7	16	4	14	ND	128		
4	216		0.4	8	3	4	ND	34		
5	217		0.5	16	4	10	2	84		
6	218		1.7	71	3	33	3	255		
7	219		0.5	23	6	13	4	92		
8	[illegible]		2.5	17	6	13	4	85		
9	221		1.0	34	19	23	10	182		
0	773222		0.5	3	ND	1	ND	4		

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N TROUP

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
41	77311223		0.6	19	8	14	7	112		
2	224		0.9	18	3	18	3	215		
3	225		0.2	15	5	22	6	108		
4	226		0.6	21	6	18	10	88		
5	227		0.2	19	16	44	5	190		
6	228		Nil	5	3	2	2	18		
7	229		0.2	33	63	113	10	235		
8	230		0.3	14	8	19	4	72		
9	231		0.5	6	3	4	1	16		
50	232		2.3	42	10	31	9	145		
1	233		0.3	3	1	2	ND	12		
2	234		0.2	4	2	5	1	26		
~~3~~	~~STD 1~~		~~0.1~~	~~15~~	~~2~~	~~6~~	~~25~~	~~280~~		
4	235		0.8	43	24	60	18	345		
5	236		0.5	50	17	51	14	280		
6	237		0.6	60	22	135	19	970		
7	238		1.3	90	12	96	28	480		
8	239		0.4	16	8	14	6	71		
9	240		0.3	7	1	3	1	12		
60	241		0.3	12	2	8	2	32		
1	242		0.3	52	7	55	19	188		
2	243		0.1	13	2	10	3	50		
~~3~~	~~BLANK~~		~~0.1~~	~~1~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~		
4	244		0.3	5	1	4	2	15		
5	245		0.5	30	6	22	11	120		
6	246		0.1	16	3	13	5	66		
7	247		0.2	13	2	9	1	28		
8	248		0.6	68	12	78	27	400		
9	249		0.7	24	3	29	10	118		
70	250		ND	2	1	2	ND	8		
1	251		ND	17	8	19	8	80		
2	252		0.1	10	3	11	3	74		
3	253		0.6	38	8	36	12	173		
4	254		0.4	26	7	22	16	136		
5	255		0.2	73	8	50	41	340		
6	256		1.4	177	11	225	35	900		
7	257		0.3	27	9	23	9	105		
8	258		0.5	6	4	5	2	32		
9	259		0.3	1	1	1	ND	6		
0	[illegible]		0.5	1	ND	1	ND	6		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Au	Cu	Mo	Ni	Pb	Zn		COMMENTS
81	77311261		0.3	14	5	21	4	98		
2	262		1.2	3	2	4	1	20		
3	263		0.2	16	4	17	9	94		
4	264		0.2	14	4	13	4	59		
5	265		0.8	14	4	13	4	76		
6	266		0.1	22	7	23	12	136		
7	267		2.8	147	18	81	37	565		
8	268		1.4	19	3	5	2	66		
9	269		0.9	5	1	2	ND	16		
90	270		1.2	4	3	2	ND	13		
1	271		1.6	5	1	2	ND	22		
2	272		1.5	18	3	4	2	58		
3	273		0.1	12	6	11	5	70		
~~4~~	~~[illegible]~~		~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~7~~	~~[illegible]~~	~~[illegible]~~		
5	274		0.1	3	2	1	3	15		
6	275		1.9	2	1	2	2	14		
7	276		0.6	8	2	14	1	64		
8	277		2.2	148	2	80	3	450		
* 9	279		0.5	41	2	55	ND	520		0.74
100	[illegible]		1.0	3	5	4	ND	29		
1	280		0.7	96	8	1400	4	7100		
2	281		0.1	9	8	40	1	585		
3	282		0.4	59	8	305	1	1370		
~~4~~	~~[illegible]~~		~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~		
5	[illegible]		0.9	7	9	355	2	2300		
6	284		0.7	11	9	11	3	85		
7	285		1.5	59	4	88	2	878		
8	286		0.3	11	3	8	1	180		
9	287		0.1	7	3	4	ND	70		
110	288		0.2	4	1	2	ND	13		
1	[illegible]		0.2	7	6	6	ND	60		
2	[illegible]		0.2	5	3	5	ND	48		
3	291		0.3	6	2	4	ND	36		
4	292		ND	7	5	6	ND	110		
5	[illegible]		ND	17	4	14	ND	355		
6	[illegible]		1.9	12	41	59	16	355		
7	[illegible]		1.2	121	29	60	15	385		
8	[illegible]		0.9	53	9	53	13	310		
9	[illegible]		0.6	71	5	46	16	265		
120	[illegible]		ND	11	3	25	8	180		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Au	Pb	Zn					COMMENTS
121	77311661		1.8	20	680					
2	662		0.9	24	520					
3	663		1.0	23	570					
4	664		1.2	23	420					
5	665		1.3	34	500					
6	666		1.1	21	820					
7	667		1.7	18	375					
8	668		2.0	21	310					
9	669		2.5	23	435					
130	670		2.8	19	870					
1	671		3.6	18	1190					
2	672		2.5	19	1750					
3	77311673		1.5	5	720					
4	77312164		1.3	44	400					
~~5~~	~~STD 2~~		~~1.4~~	~~375~~	~~370~~					
6	165		0.8	51	275					
7	166		0.7	20	225					
8	167		0.7	21	335					
9	168		0.7	20	365					
140	169		0.7	22	365					
1	170		0.5	19	425					
2	171		0.6	19	260					
3	172		0.8	23	290					
4	173		0.7	22	400					
~~5~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
6	174		0.9	20	420					
7	175		0.8	25	500					
8	176		1.3	29	450					
9	177		1.4	32	435					
150	77312178		1.3	28	470					
~~1~~	~~77311470~~		~~0.7~~	~~7~~	~~375~~					
~~2~~	~~485~~		~~0.8~~	~~15~~	~~330~~					
~~3~~	~~497~~		~~0.2~~	~~17~~	~~48~~					
~~4~~	~~523~~		~~0.7~~	~~8~~	~~880~~					
~~5~~	~~623~~		~~0.8~~	~~9~~	~~175~~					
~~6~~	~~640~~		~~0.7~~	~~16~~	~~140~~					
~~7~~	~~656~~		~~0.8~~	~~23~~	~~80~~					
~~8~~	~~77311 671~~		~~3.9~~	~~19~~	~~1220~~					
~~9~~	~~77312 167~~		~~0.9~~	~~21~~	~~335~~					
160	77312 174		0.8	21	415					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
1	77312179		1.9	42	500					
2	180		3.0	28	275					
3	181		2.5	11	245					
4	182		1.4	51	565					
5	183		0.7	43	315					
6	184		0.5	33	290					
7	185		2.9	26	265					
8	186		3.5	24	245					
9	187		4.4	29	470					
10	188		5.7	23	885					
1	189		2.3	5	138					
~~2~~	~~STD 1~~		~~0.1~~	~~29~~	~~880~~					
3	190		2.3	16	450					
4	191		1.1	27	738					
5	192		1.0	27	430					
6	193		1.8	37	460					
7	194		1.8	32	460					
8	195		1.3	33	440					
9	196		1.4	29	350					
20	197		1.7	32	445					
1	198		1.2	32	345					
~~2~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
3	199		1.0	25	290					
4	200		1.2	21	165					
5	201		1.1	22	185					
6	202		0.7	23	210					
7	203		0.9	21	240					
8	204		0.6	18	245					
9	205		0.4	40	240					
30	206		1.0	15	1840					
1	207		0.3	13	370					
2	208		1.7	16	600					
3	209		0.5	31	560					
4	210		0.6	39	445					
5	211		0.3	36	455					
6	212		1.0	30	410					
7	213		0.6	104	390					
8	214 ~~215~~		0.6	126	355					
9	215		0.5	50	365					
40	77312216		0.8	115	340					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn				COMMENTS
41	77312217		0.3	41	440				
2	218		0.6	32	335				
3	219		0.3	18	275				
4	220		0.4	22	128				
5	221		0.9	18	250				
6	222		0.7	14	122				
7	223		0.7	15	102				
8	224		1.6	11	960				
9	225		0.7	16	260				
50	226		0.6	13	225				
1	227		0.9	16	270				
2	228		0.5	17	220				
~~3~~	~~STD 2~~		~~0.9~~	~~370~~	~~255~~				
4	229		0.7	20	285				
5	230		0.6	19	290				
6	231		0.8	23	305				
7	232		0.5	17	245				
8	233		0.8	19	230				
9	234		0.6	18	325				
60	235		0.9	24	500				
1	236		1.5	25	520				
2	237		1.9	24	520				
~~3~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~				
4	238		1.3	26	710				
5	239		2.2	26	635				
6	240		1.4	28	690				
7	241		1.4	23	800				
8	242		2.3	29	1160				
9	243		0.2	17	165				
70	244		0.2	35	130				
1	245		0.8	59	390				
2	246		1.6	41	395				
3	247		1.9	31	370				
4	248		1.3	19	580				
5	249		1.2	25	530				
6	250		0.4	51	265				
7	251		1.1	22	355				
8	252		0.3	21	54				
9	253		0.2	86	110				
80	77312254		0.2	103	158				

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn				COMMENTS
81	77312255		0.7	61	210				
2	256		0.1	36	135				
3	257		0.1	3	30				
4	258		ND	1	10				
5	259		1.0	23	182				
6	260		0.6	23	126				
7	261		0.3	3	10				
8	262		0.5	17	195				
9	263		1.3	13	135				
90	264		0.9	24	305				
1	265		0.6	26	280				
2	266		0.5	26	250				
3	267		0.7	32	205				
4	~~STD 3~~		~~ND~~	~~6~~	~~58~~				
5	268		0.3	23	132				
6	269		0.3	4	22				
7	270		0.7	20	170				
8	271		0.2	18	140				
9	272		0.7	19	150				
100	273		0.7	18	144				
1	274		1.0	13	205				
2	275		0.5	9	110				
3	276		0.3	10	112				
~~4~~	~~BLANK~~		~~ND~~	~~Nil~~	~~ND~~				
5	277		0.3	17	175				
6	278		0.4	14	158				
7	279		1.0	24	280				
8	280		0.7	18	225				
9	281		0.2	2	28				
110	282		0.5	17	180				
1	283		0.6	15	150				
2	284		0.7	16	215				
3	285		0.6	15	180				
4	286		0.6	8	80				
5	287		1.1	9	96				
6	288		0.8	10	255				
7	289		1.3	13	410				
8	290		1.7	27	340				
9	291		1.5	15	210				
120	77312292		4.7	14	310				

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
81	77311398		1.6	6	124					
2	399		2.7	2	38					
3	400		3.7	1	15					
4	401		1.0	11	305					
5	402		2.0	14	275					
6	403		3.0	27	420					
7	404		2.3	26	225					
8	405		4.2	38	390					
9	406		1.2	12	140					
90	407		0.7	8	95					
1	408		1.0	32	215					
2	409		1.1	27	380					
3	410		0.1	2	52					
~~4~~	~~STD 3~~		~~0.1~~	~~4~~	~~58~~					
5	411		2.6	36	750					
6	412		2.0	28	770					
7	413		2.5	34	620					
8	414		0.9	26	400					
9	415		7.7	19	1220					
100	416		4.3	10	440					
1	417		0.9	22	700					
2	418		1.0	15	415					
3	419		1.8	16	630					
~~4~~	~~BLANK~~		[illegible]	[illegible]	[illegible]					
5	420		0.9	4	118					
6	421		2.3	17	910					
7	422		0.7	11	530					
8	423		0.4	10	375					
9	424		1.3	11	415					
110	425		1.0	17	580					
1	426		0.5	12	325					
2	427		0.7	24	250					
3	428		0.6	16	315					
4	429		0.5	8	265					
5	430		0.9	3	54					
6	431		0.7	12	230					
7	432		0.7	11	[illegible]					
8	433		0.6	3	46					
9	434		1.0	17	220					
120	77311435		0.1	<2	8					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
121	77311436		0.4	1	22					
2	437		2.4	8	90					
3	438		0.1	1	8					
4	439		0.7	2	26					
5	440		2.4	2	40					
6	441		3.2	1	2					
7	442		1.2	4	60					
8	443		0.4	4	98					
9	444		2.8	1	26					
130	445		1.1	1	44					
1	446		0.4	7	165					
* 2	447		1.2	2	100					0.24g
3	448		0.5	4	180					
4	449		0.2	1	170					
~~5~~	~~STD 1~~		~~0.1~~	~~29~~	[illegible]					
6	450		0.1	1	830					
7	451		0.1	6	430					
8	452		0.1	3	445					
9	453		0.2	4	360					
140	454		[illegible]	1	550					
1	455		0.1	14	325					
2	456		0.7	22	440					
3	457		0.3	4	72					
4	458		0.2	12	195					
~~5~~	~~BLANK~~		[illegible]	[illegible]	[illegible]					
6	459		0.5	25	215					
7	460		1.0	19	200					
8	461		0.5	43	300					
9	462		0.5	12	265					
150	77311413		1.4	24	416					
~~1~~	~~77311328~~		~~0.1~~	~~3~~	~~4~~					
~~2~~	~~340~~		~~0.1~~	~~12~~	~~730~~					
~~3~~	~~354~~		~~1.2~~	~~30~~	~~165~~					
~~4~~	~~366~~		~~0.6~~	~~1~~	~~4~~					
~~5~~	~~380~~		~~2.6~~	~~12~~	~~315~~					
~~6~~	~~395~~		~~1.2~~	~~17~~	~~340~~					
~~7~~	~~410~~		~~0.8~~	~~3~~	~~52~~					
~~8~~	~~422~~		~~0.6~~	~~11~~	~~550~~					
~~9~~	~~442~~		~~1.2~~	~~4~~	~~60~~					
160	77311456		0.7	21	445					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
1	77311 464		0.5	13	105					
2	465		0.4	1	8					
3	466		1.8	3	180					
4	467		1.6	4	770					
5	468		3.0	8	275					
6	469		3.8	18	770					
7	470		0.6	10	325					
8	471		1.3	6	300					
9	472		0.5	20	465					
10	473	1.9	[illegible]	17	475					
1	474		2.0	3	235					
~~2~~	~~STD 2~~		~~1.6~~	~~375~~	~~260~~					
3	475		2.0	20	690					
4	476		1.3	13	345					
5	477		3.7	24	730					
6	478		1.3	9	135					
7	479		0.2	3	100					
8	480		1.7	14	255					
9	481		1.1	14	450					
20	482		3.1	15	345					
1	483		0.9	9	265					
~~2~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
3	484		0.7	11	390					
4	485		0.7	15	320					
5	486		1.0	1	50					
6	487		0.5	12	340					
7	488		0.8	7	125					
8	489		1.0	18	670					
9	490		1.2	9	380					
30	491		6.2	8	160					
1	492		0.1	7	385					
2	493		0.5	5	140					
3	494		0.2	4	22					
4	495		0.9	21	58					
5	496		0.2	7	58					
6	497		0.2	17	40					
7	498		0.2	13	72					
8	499		0.1	30	200					
9	500		0.1	ND	6					
40	77311 510		1.0	22	680	I				

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
41	77311571		1.7	49	1420					
2	572		0.6	13	770					
3	573		0.8	11	175					
4	574		1.4	7	160					
5	575		0.6	13	375					
6	576		0.7	15	270					
7	577		0.6	10	145					
8	578		0.7	12	420					
9	579		0.3	12	2200					
50	520		0.3	11	240					
1	521		0.6	14	820					
2	522		0.9	11	370					
~~3~~	~~STD 3~~		~~1.1~~	~~4~~	~~55~~					
4	523		0.8	8	380					
5	524		0.7	12	1650					
6	324		0.3	23	340					
7	325		0.9	14	300					
8	601		0.4	3	24					
9	602		0.4	80	220					
* 60	603		0.2	2	170					0.24 g
1	604		0.7	4	95					
* 2	605		0.4	1	320					0.24 g
~~3~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
4	606		0.6	6	200					
5	607		0.3	10	550					
6	608		0.7	2	340					
7	609		0.3	2	295					
8	610		0.5	1	175					
9	611		10.8	5	95					
70	612		1.9	3	38					
1	613		3.9	2	76					
* 2	614		5.7	2	53					0.24 g
3	615		4.0	ND	155					
* 4	616		1.0	ND	165					0.24 g
* 5	617		2.7	ND	73					0.24 g
6	618		0.6	1	115					
7	619		1.8	14	225					
8	620		2.9	7	590					
9	621		0.4	1	530					
90	77311622		2.2	8	185					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
81	77311623		0.2	9	175					
2	624		0.1	1	8					
3	625		0.2	8	170					
4	626		0.7	16	221					
5	627		6.2	36	950					
6	628		0.8	9	390					
7	629		1.5	5	255					
8	630		1.4	14	480					
9	631		0.9	9	500					
90	632		0.4	7	250					
1	633		1.1	13	255					
2	634		0.7	14	560					
3	635		1.5	19	680					
~~4~~	~~STD 1~~		[illegible]	[illegible]	~~900~~					
5	636		1.8	13	610					
6	637		2.8	15	870					
7	638		1.3	12	610					
8	639		1.4	16	550					
9	640		0.6	16	142					
100	641		1.0	11	300					
1	642		0.8	19	120					
2	643		0.6	13	94					
3	644		0.8	20	104					
~~4~~	~~BLANK~~		[illegible]	[illegible]	[illegible]					
5	645		0.8	21	205					
6	646		0.6	13	145					
7	647		1.0	21	285					
8	648		1.2	22	235					
9	649		0.9	22	180					
110	650		1.6	22	185					
1	651		4.2	23	150					
2	652		1.8	14	130					
3	653		10.4	21	355					
4	654		4.8	18	1120					
5	655		1.2	8	400					
6	656		0.8	23	70					
7	657		0.9	23	210					
8	658		1.0	23	300					
9	659		0.9	22	400					
120	77311660		0.9	21	500					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB No.	SAMPLE No. (NMBR)		Au	Cu	Mo	Ni	Pb	Zn		COMMENTS
121	7731299		ND	18	12	25	18	165		
2	300		ND	30	10	40	65	228		
3	301		ND	7	ND	3	6	20		
4	302		ND	16	7	19	10	125		
5	303		ND	5	2	3	9	20		
6	304		ND	20	4	119	29	130		
7	305		ND	7	2	12	15	65		
8	306		0.7	46	7	51	32	163		
9	307		0.4	10	3	10	6	56		
130	308		0.4	19	4	16	10	88		
1	309		ND	20	5	24	8	166		
2	310		0.3	32	6	32	12	158		
3	311		0.3	40	9	49	10	225		
4	312		0.2	[illegible]	11	37	16	182		
~~5~~	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
6	313		0.3	23	7	25	8	70		
7	314		ND	28	42	67	10	190		
8	315		0.4	80	7	80	21	295		
9	316		ND	49	9	44	7	240		
0	[illegible]		0.1	4[illegible]	6	[illegible]	[illegible]	[illegible]		
1	318		0.1	38	62	108	9	225		
2	319		0.1	21	36	65	4	180		
3	320		0.6	24	6	29	4	125		
4	321		ND	2	1	2	2	6		
~~5~~	[illegible]									
6	322		0.3	28	12	32	16	160		
7	323		0.7	76	18	80	50	410		
8	77312062		ND	40	4	29	10	125		
9	063		ND	39	4	19	6	118		
150	7731 064		ND	51	5	21	7	140		
~~1~~	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
~~2~~	[illegible]		~~0.2~~	~~9~~	~~12~~	~~27~~	~~3~~	[illegible]		
~~3~~	~~317~~		~~0.6~~	~~15~~	~~4~~	~~16~~	~~3~~	~~79~~		
~~4~~	[illegible]		~~0.9~~	~~19~~	~~17~~	[illegible]	~~7~~	~~200~~		
~~5~~	~~341~~		~~0.4~~	~~11~~	~~3~~	~~7~~	~~3~~	[illegible]		
~~6~~	[illegible]		~~0.5~~	[illegible]	~~7~~	~~22~~	~~13~~	~~175~~		
~~7~~	[illegible]		[illegible]	~~15~~	~~4~~	~~12~~	~~4~~	~~75~~		
~~8~~	[illegible]		~~0.5~~	~~11~~	~~11~~	[illegible]	~~3~~	~~90~~		
~~9~~	[illegible]		~~0.6~~	~~32~~	~~5~~	~~33~~	~~12~~	~~162~~		
~~160~~	[illegible]		~~ND~~	~~21~~	~~35~~	~~65~~	~~11~~	~~125~~		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
1	77312065		0.2	27	2	13	4	94		
2	66		0.1	32	3	14	9	98		
3	67		ND	47	3	23	11	128		
4	68		0.1	31	3	22	5	122		
5	69		0.2	88	8	36	16	205		
6	70		0.1	4	1	2	ND	7		
7	71		0.5	37	3	13	3	94		
8	72		0.2	114	8	31	16	235		
9	73		0.2	47	1	13	1	48		
10	74		0.6	110	4	42	11	190		
1	75		0.5	71	3	37	16	170		
~~2~~	~~[illegible]~~		~~ND~~	~~18~~	~~1~~	~~2~~	~~27~~	~~940~~		
3	76		0.2	11	ND	4	ND	18		
4	77		ND	6	ND	3	ND	8		
5	78		0.1	21	2	13	3	65		
6	79		ND	10	ND	7	2	32		
7	80		ND	11	ND	6	ND	30		
8	81		0.1	34	3	27	10	152		
9	82		0.2	40	4	42	7	225		
20	83		0.7	60	54	31	37	155		
1	84		0.5	28	9	19	6	112		
~~2~~	~~[illegible]~~		~~[illegible]~~	~~ND~~	~~ND~~	~~ND~~	~~[illegible]~~	~~ND~~		
3	85		0.1	37	5	23	8	155		
4	86		0.1	11	ND	1	ND	4		
5	87		ND	17	ND	14	2	56		
6	88		ND	28	2	20	2	115		
7	89		0.1	25	3	23	3	190		
8	90		ND	31	9	45	16	270		
9	91		ND	12	2	11	3	42		
30	92		0.3	76	8	61	11	420		
1	93		0.1	41	7	40	9	220		
2	94		0.1	42	4	32	9	165		
3	95		0.4	49	6	40	3	340		
4	96		ND	21	4	21	4	108		
5	97		0.2	65	6	52	11	240		
6	98		0.1	6	1	1	ND	6		
7	99		0.1	17	4	14	4	72		
8	100		0.1	13	1	12	1	68		
9	101		0.5	27	2	26	4	125		
40	77[illegible]		0.2	17	2	21	4	105		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Co	Mo	Ni	Pb	Zn		COMMENTS
41	77312103		0.2	17	3	14	3	92		
2	104		2.6	140	17	150	16	800		
3	105		0.4	24	4	24	4	180		
4	106		0.3	10	1	6	ND	40		
5	107		0.3	23	4	20	4	110		
6	108		0.1	8	ND	2	ND	6		
7	109		0.3	4	ND	1	ND	4		
8	110		0.4	42	6	37	5	265		
9	111		1.1	21	2	11	ND	46		
50	112		0.2	45	6	32	8	195		
1	113		0.3	78	6	37	10	225		
2	114		0.3	96	6	47	9	250		
~~3~~	~~STD~~		~~1.0~~	~~37~~	~~32~~	~~8~~	~~32~~	~~255~~		
4	115		0.3	91	8	71	12	270		
5	116		0.3	49	5	58	6	210		
6	117		0.3	58	5	73	7	250		
7	118		0.3	69	4	68	6	255		
8	119		0.3	69	5	50	6	200		
9	120		0.2	80	4	45	9	235		
60	121		0.1	105	6	57	15	355		
1	122		0.2	74	5	46	12	270		
2	123		ND	59	3	40	10	185		
~~3~~	~~Blank~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~		
4	124		13.3	142	76	80	22	250		
5	125		7.5	165	75	82	31	720		
6	126		4.5	136	63	148	20	970		
7	127		0.8	32	22	61	7	305		
8	128		0.5	27	7	52	5	275		
9	129		0.3	49	6	55	9	260		
70	130		0.3	51	7	63	9	340		
1	131		0.2	21	2	230	3	5100		
2	132		ND	9	ND	123	ND	7600		
3	133		ND	24	1	275	ND	7000		
4	134		0.6	48	10	130	32	440		
5	135		0.6	9	10	12	1	98		
6	136		2.7	36	13	38	13	215		
7	137		0.8	25	8	86	3	310		
8	138		0.6	33	8	81	4	480		
9	139		0.6	64	69	132	11	790		
80	77312140		0.2	27	67	98	6	330		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
81	77312141		<0.1	75	13	25	5	145		
2	42		ND	14	4	16	2	94		
3	43		0.1	31	3	22	6	124		
4	44		0.3	28	8	34	10	155		
5	45		0.3	26	2	23	14	55		
6	46		0.1	10	2	5	2	30		
7	47		ND	31	8	33	11	205		
8	48		0.1	25	2	18	7	108		
9	49		0.8	19	ND	12	2	60		
90	50		0.8	13	1	8	2	53		
1	51		2.0	13	3	10	2	57		
2	52		1.0	38	13	40	17	305		
3	53		0.5	19	3	14	8	94		
~~4~~	~~[illegible]~~		~~0.2~~	~~57~~	~~3~~	~~36~~	~~5~~	~~[illegible]~~		
5	54		0.6	34	6	21	13	152		
6	55		0.4	11	2	15	1	60		
7	56		0.5	16	3	15	8	75		
8	57		0.4	21	5	19	10	105		
9	58		0.2	21	4	17	7	95		
100	59		0.2	46	5	35	7	670		
1	60		0.6	31	5	55	6	970		
2	61		0.3	54	62	133	10	950		
3	62		0.4	36	42	131	10	870		
~~4~~	~~[illegible]~~		~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~		
5	77312163		0.4	17	6	500	2	4300		
6	77313087		ND	12	ND	8	1	65		
7	88		0.1	24	1	14	5	115		
8	89		0.3	33	2	29	6	225		
9	90		0.6	30	2	18	6	96		
110	91		0.2	36	3	17	4	115		
1	92		0.3	42	2	30	9	100		
2	93		1.0	19	4	13	5	75		
3	94		0.5	14	2	7	5	55		
4	95		0.2	47	2	32	9	168		
5	96		1.3	22	1	14	1	85		
6	97		0.2	7	1	5	ND	54		
7	98		0.1	23	2	14	2	75		
8	99		1.7	61	7	51	3	235		
9	100		0.4	35	3	22	5	98		
120	77313101		0.1	58	3	31	11	115		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
121	77313102		0.1	3	ND	2	ND	6		
2	3		2.4	13	1	7	1	38		
3	4		0.9	16	3	16	2	95		
4	5		0.4	46	5	35	8	240		
5	6		ND	6	ND	3	ND	50		
6	7		0.2	15	2	9	4	88		
7	8		1.6	3	ND	1	ND	2		
8	9		2.7	2	ND	1	ND	ND		
9	10		0.6	4	1	2	ND	12		
130	11		0.7	1	ND	1	ND	ND		
1	12		2.3	28	2	9	2	34		
2	13		1.8	7	2	4	1	19		
3	14		0.4	12	4	12	7	73		
4	15		0.4	45	9	42	8	215		
~~5~~	~~STD~~		~~0.1~~	~~15~~	~~1~~	~~6~~	~~25~~	~~240~~		
6	16		0.1	28	2	20	2	118		
7	17		0.1	76	3	76	3	180		
8	18		0.1	11	2	11	2	75		
9	19		0.2	50	5	49	8	265		
140	20		0.2	14	5	14	7	67		
1	21		0.2	22	5	17	10	38		
2	22		0.5	2	2	1	ND	4		
3	23		0.4	4	1	1	ND	2		
4	24		2.3	2	ND	1	ND	ND		
~~5~~	~~Blank~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~		
6	25		2.4	2	ND	1	ND	ND		
7	26		1.7	4	ND	1	ND	2		
8	27		1.4	21	5	14	10	78		
9	28		7.1	2	1	1	ND	3		
150	77313129		3.9	6	3	4	2	22		
~~1~~	~~[illegible]~~		~~0.1~~	~~3~~	~~2~~	~~3~~	~~ND~~	~~2~~		
~~2~~	~~2086~~		~~0.2~~	~~4~~	~~1~~	~~1~~	~~ND~~	~~2~~		
~~3~~	~~2100~~		~~0.3~~	~~13~~	~~3~~	~~12~~	~~2~~	~~65~~		
~~4~~	~~2113~~		~~0.2~~	~~77~~	~~9~~	~~34~~	~~12~~	~~230~~		
~~5~~	~~2128~~		~~0.6~~	~~36~~	~~8~~	~~51~~	~~6~~	~~265~~		
~~6~~	~~2142~~		~~0.3~~	~~14~~	~~6~~	~~16~~	~~3~~	~~34~~		
~~7~~	~~2156~~		~~0.5~~	~~16~~	~~4~~	~~15~~	~~9~~	~~76~~		
~~8~~	~~[illegible]~~		~~0.9~~	~~14~~	~~4~~	~~1~~	~~4~~	~~54~~		
~~9~~	~~2185~~		~~1.3~~	~~3~~	~~2~~	~~1~~	~~ND~~	~~2~~		
~~160~~	~~2123~~		~~0.6~~	~~4~~	~~2~~	~~1~~	~~ND~~	~~2~~		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
1	77313130		0.1	2	ND	1	1	6		
2	131		ND	27	2	7	2	37		
3	132		0.4	77	9	53	12	330		
4	133		0.3	61	9	57	12	325		
5	134		0.3	88	14	88	13	445		
6	135		0.1	49	8	46	6	245		
7	136		0.1	47	7	46	6	165		
8	137		0.2	42	7	32	9	130		
9	138		ND	21	3	16	3	46		
10	139		0.2	30	9	18	7	78		
1	140		0.1	27	3	21	8	96		
~~2~~	~~STD 1~~		~~1.1~~	~~18~~	~~1~~	~~6~~	~~23~~	~~925~~		
3	141		ND	4	1	2	3	16		
4	142		0.2	9	1	6	4	36		
5	143		ND	36	3	23	11	104		
6	144		ND	9	1	7	4	40		
7	145		0.3	12	1	9	5	52		
8	146		ND	20	1	13	5	66		
9	147		ND	42	3	36	10	115		
20	148		ND	45	3	[illegible]	11	180		
1	149		ND	13	ND	2	ND	8		
2	~~BLANK~~		~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~		
3	150		0.2	32	4	21	9	92		
4	151		0.1	37	3	30	23	125		
5	152		0.8	70	8	36	47	142		
6	153		2.1	168	40	107	43	650		
7	154		1.3	92	37	60	30	185		
8	155		1.1	118	13	84	13	750		
9	156		0.9	137	12	86	13	760		
30	157		0.7	118	7	77	11	750		
1	158		0.7	108	7	70	17	650		
2	159		0.9	180	15	128	18	600		
3	160		2.2	101	34	47	18	380		
4	161		4.3	170	57	83	35	600		
5	162		ND	55	5	35	33	180		
6	163		ND	11	1	6	1	26		
7	164		ND	11	1	6	1	22		
8	165		ND	20	12	40	7	305		
9	166		ND	21	10	46	3	260		
40	77313167		0.1	16	10	52	15	340		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº	SAMPLE Nº (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
41	77313168		0.5	4	1	2	1	75		
2	169		0.1	8	3	24	2	175		
3	170		0.6	54	10	175	15	240		
4	171		0.1	9	3	36	3	365		
5	172		0.3	10	2	7	2	55		
6	173		0.4	50	5	45	18	155		
7	174		0.2	2	1	ND	ND	26		
8	175		0.3	93	4	640	10	3500		
9	176		0.5	30	4	70	6	1180		
50	177		1.2	102	6	270	8	2700		
1	178		0.6	9	2	13	1	78		
2	179		0.4	30	3	50	2	290		
~~3~~	~~STD 2~~		~~0.7~~	~~33~~	~~39~~	~~7~~	~~303~~	~~800~~		
4	180		0.8	24	5	43	3	325		
5	181		0.3	26	4	23	1	125		
6	182		0.3	20	5	10	2	130		
7	183		0.6	12	5	9	3	150		
8	184		0.5	4	2	2	1	26		
9	185		0.5	3	3	2	1	21		
60	186		2.8	18	4	13	3	78		
1	187		3.9	64	5	51	11	300		
2	188		0.8	48	8	42	15	290		
~~3~~	~~BLANK~~		~~ND~~	~~1~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~		
4	189		1.2	30	3	20	9	69		
5	190		1.2	37	5	30	10	760		
6	191		0.5	65	21	82	25	425		
7	192		0.5	54	18	62	21	320		
8	193		0.1	4	1	2	1	~~[illegible]~~	16	
9	194		0.8	54	14	86	19	470		
70	195		0.7	36	10	55	17	580		
1	196		0.7	15	5	15	6	78		
2	197		0.2	22	8	22	8	125		
3	198		0.1	8	1	6	5	50		
4	199		0.3	3	ND	1	1	7		
5	200		0.2	9	3	7	3	31		
6	201		0.3	10	2	7	4	30		
7	202		1.1	26	5	31	16	195		
8	203		0.2	4	1	2	2	16		
9	204		0.1	7	3	7	4	36		
80	77313220		4.3	41	8	32	12	240		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
81	77313221		1.3	3	ND	1	ND	7		
2	222		ND	1	ND	ND	ND	3		
3	223		0.4	2	ND	1	ND	6		
4	224		0.5	1	ND	1	ND	2		
5	225		ND	3	ND	1	ND	2		
6	226		ND	4	ND	2	18	8		
7	227		0.9	8	2	22	3	400		
8	228		3.3	11	1	7	3	95		
9	229		2.7	2	ND	1	ND	4		
90	230		1.9	2	1	ND	ND	2		
1	231		0.2	3	ND	1	ND	4		
2	232		1.9	10	1	7	1	30		
3	233		1.8	7	ND	3	ND	2		
~~4~~	~~STD 3~~		~~0.4~~	~~39~~	~~4~~	~~25~~	~~5~~	~~55~~		
5	234		1.3	65	2	22	2	82		
6	235		1.6	2	ND	1	ND	4		
7	236		0.6	28	2	39	2	440		
8	237		0.4	91	3	134	2	1420		
9	238		1.1	11	2	4	2	38		
100	239		1.2	69	12	132	5	1050		
1	240		1.7	65	30	365	11	5200		
2	241		0.9	3	ND	3	ND	32		
3	242		0.4	11	1	9	ND	54		
~~4~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~		
5	243		0.6	87	32	101	12	770		
6	244		1.2	23	9	33	7	6	230	
7	245		0.4	3	ND	1	2	62	6	
8	246		0.2	12	2	4	3	21	43	
9	247		1.2	7	1	2	2	32	21	
110	248		1.4	8	1	3	1	74	20	
1	249		0.8	16	1	7	3	32	78	
2	250		0.7	8	1	3	1	6	22	
3	251		4.1	427	19	72	57	[illegible]	950	
4	252		0.3	79	22	49	7	[illegible]	460	
5	253		0.3	73	19	51	13	[illegible]	380	
6	254		0.4	5	ND	1	ND	2	16	
7	255		3.6	61	10	142	26	[illegible]	900	
8	256		0.5	65	8	39	12	94	200	
9	257		0.3	27	5	31	25		130	
120	77313258		ND	16	3	11	7		79	

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº	SAMPLE Nº (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
121	77313259		0.2	21	3	25	14	125		
2	260		0.2	31	3	34	6	44		
3	261		0.3	53	2	40	11	44		
4	262		0.7	71	2	55	14	42		
5	263		0.5	68	5	73	16	41		
6	264		0.3	62	2	37	13	34		
7	265		ND	38	4	36	13	~~[illegible]~~	115	
8	266		1.2	51	2	81	21	~~185~~	135	
9	267		1.7	45	15	47	22	165		
130	268		0.8	58	8	57	26	225		
1	269		0.9	22	4	19	4	48		
2	270		0.3	7	2	6	1	28		
3	271		0.2	17	5	12	5	56		
4	272		0.2	5	1	2	ND	4		
~~5~~	~~STD 1~~		~~1.1~~	~~15~~	~~2~~	~~6~~	~~27~~	~~900~~		
6	273		0.6	2	1	1	1	3		
7	274		0.2	19	4	16	7	64		
8	275		0.6	30	6	29	19	130		
9	276		0.9	79	11	107	24	490		
140	277		1.2	76	25	60	25	565		
1	278		0.9	88	30	95	22	730		
2	279		0.2	22	17	31	13	505		
3	280		0.5	30	23	45	23	265		
4	281		0.5	25	17	37	10	220		
~~5~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~		
6	77313282		1.5	145	28	165	25	870		
7	77314076		1.9	275	3	54	8	210		
8	077		0.2	59	5	15	8	122		
9	078		0.5	23	4	19	9	66		
150	77314079		0.3	55	4	41	15	118		
~~1~~	~~77313131~~		~~0.2~~	~~31~~	~~2~~	~~17~~	~~6~~	~~15~~		
~~2~~	~~149~~		~~ND~~	~~13~~	~~1~~	~~3~~	~~1~~	~~3~~		
~~3~~	~~163~~		~~ND~~	~~11~~	~~1~~	~~6~~	~~2~~	~~24~~		
~~4~~	~~187~~		~~3.9~~	~~64~~	~~6~~	~~53~~	~~11~~	~~300~~		
~~5~~	~~201~~		~~0.4~~	~~10~~	~~2~~	~~8~~	~~3~~	~~34~~		
~~6~~	~~229~~		~~2.7~~	~~2~~	~~ND~~	~~1~~	~~ND~~	~~4~~		
~~7~~	~~247~~		~~1.0~~	~~7~~	~~1~~	~~2~~	~~2~~	~~21~~		
~~8~~	~~264~~		~~0.3~~	~~62~~	~~1~~	~~37~~	~~12~~	~~34~~		
~~9~~	~~273~~		~~0.7~~	~~2~~	~~ND~~	~~1~~	~~ND~~	~~3~~		
~~160~~	~~77313282~~		~~1.3~~	~~144~~	~~27~~	~~165~~	~~23~~	~~860~~		

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PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
1	77314080		ND	20	3	15	8	66		
2	081		ND	35	5	23	16	122		
3	082		0.1	28	4	22	9	122		
4	083		ND	22	5	15	7	60		
5	084		0.1	20	2	14	6	74		
6	085		0.1	35	4	29	10	130		
7	086		0.1	79	2	23	11	170		
8	087		0.1	42	15	18	9	412		
9	088		ND	56	7	31	11	185		
10	089		0.2	57	10	33	9	770		
1	090		0.2	54	8	31	17	495		
~~2~~	~~STD 2~~		~~0.9~~	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
3	091		0.3	33	6	19	9	415		
4	092		0.8	44	4	23	6	745		
5	093		0.1	11	ND	8	4	38		
6	094		0.1	23	2	18	7	113		
7	095		ND	37	6	29	14	165		
8	096		ND	23	3	12	7	74		
9	097		0.3	91	5	35	9	165		
20	098		ND	49	4	27	9	145		
1	099		0.3	67	4	42	14	215		
~~2~~	~~BLANK~~		~~ND~~	~~ND~~	~~1~~	[illegible]	~~ND~~	~~ND~~		
3	100		0.1	13	2	7	3	58		
4	101		ND	33	4	17	8	105		
5	102		0.2	52	2	28	5	74		
6	103		0.2	36	2	27	8	105		
7	104		0.3	28	1	15	3	76		
8	105		ND	11	1	8	4	48		
9	106		0.4	36	1	17	4	66		
30	107		ND	12	ND	4	ND	26		
1	108		0.1	27	1	16	1	25		
2	109		0.2	57	2	32	6	70		
3	110		0.3	55	2	22	4	78		
4	111		0.3	71	2	23	6	150		
5	112		ND	31	ND	14	1	26		
6	113		0.1	5	ND	6	1	25		
7	114		0.8	65	7	50	8	300		
8	115		ND	23	3	14	3	84		
9	116		ND	7	2	7	1	32		
40	77314 117		0.2	50	6	42	5	103		

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LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Cu	Mo	Ni	Pb	Zn		COMMENTS
41	77314118		2.6	43	3	32	5	100		
2	119		ND	35	4	32	16	125		
3	120		0.8	27	3	22	6	100		
4	121		0.5	59	4	75	4	130		
5	122		0.4	65	8	63	6	680		
6	123		0.3	63	9	43	13	320		
7	124		0.4	55	12	34	9	245		
8	125		0.1	31	9	18	6	150		
9	126		0.2	45	12	31	9	220		
50	127		0.3	39	8	33	7	250		
1	128		0.2	43	10	33	11	260		
2	129		0.3	38	7	32	8	230		
~~3~~	~~STD 3~~		~~0.4~~	~~37~~	~~2~~	~~24~~	~~5~~	[illegible]		
4	130		0.4	51	8	44	13	290		
5	131		0.2	43	9	42	11	295		
6	132		0.2	43	7	38	15	265		
7	133		1.1	68	5	52	27	275		
8	134		ND	37	9	80	22	445		
9	135		ND	30	4	34	8	145		
60	136		0.2	44	6	42	12	295		
1	137		0.5	35	4	36	9	165		
2	138		0.1	10	ND	8	ND	32		
~~3~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~		
4	139		0.2	12	4	11	8	130		
5	140		0.1	17	ND	12	2	25		
6	141		0.2	29	3	35	8	390		
7	142		0.3	18	5	34	9	410		
8	143		ND	42	7	52	11	350		
9	144		ND	20	3	8	2	32		
70	145		0.2	28	3	17	12	205		
1	146		1.1	83	7	34	18	330		
2	147		0.8	76	14	17	15	180		
3	148		3.9	75	40	21	19	162		
4	149		2.4	62	55	21	14	180		
5	150		2.2	66	58	37	15	225		
6	151		0.2	41	10	71	2	630		
7	152		0.1	47	15	70	7	590		
8	153		0.2	113	16	145	16	1060		
9	154		0.2	51	9	61	10	525		
80	77314155		0.4	53	10	65	11	340		

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LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Mo	Cu	Mn	Ni	Pb	Zn		COMMENTS
81	77314156		0.6	64	12	69	13	330		
2	157		0.2	48	8	42	10	230		
3	158		0.2	48	8	46	10	205		
4	159		0.1	27	4	24	11	150		
5	160		ND	17	4	12	4	85		
6	161		0.2	42	8	38	7	205		
7	162		0.4	28	4	48	7	315		
8	163		0.8	35	3	49	9	340		
9	164		0.2	33	64	144	9	375		
90	165		0.9	57	14	105	11	400		
1	166		ND	20	9	44	ND	205		
2	167		0.4	43	7	114	4	1000		
3	168		ND	5	1	5	ND	60		
~~4~~	~~STD~~		~~[illegible]~~	~~14~~	~~1~~	~~6~~	~~27~~	~~700~~		
5	169		1.6	23	9	42	4	400		
6	170		0.2	32	13	30	10	170		
7	171		0.1	52	26	50	25	185		
8	172		0.7	25	17	21	8	122		
9	173		0.1	6	5	4	3	30		
100	174		0.2	33	12	28	10	150		
1	175		0.1	20	13	21	10	118		
2	176		0.1	12	7	11	4	62		
3	177		ND	20	6	15	6	82		
~~4~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~		
5	178		0.2	38	8	20	10	110		
6	179		1.4	52	10	35	11	195		
7	180		1.9	35	6	18	8	105		
8	181		0.9	26	3	15	4	90		
9	182		1.2	15	6	15	3	135		
110	183		1.4	17	5	13	7	65		
1	184		1.3	32	8	38	12	185		
2	185		ND	37	6	36	17	148		
3	186		0.3	37	7	27	17	165		
4	187		0.1	27	7	22	14	138		
5	188		0.3	17	5	18	3	134		
6	189		0.2	14	2	11	3	114		
7	190		ND	32	4	38	10	333		
8	191		0.2	32	4	42	9	246		
9	192		0.3	34	3	21	5	515		
120	77314 193		0.7	26	3	14	6	285		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB No.	SAMPLE No. (NMBR)		Au	Cu	Mo	Ni	Pb	Zn		COMMENTS
121	77314194		0.8	45	8	43	9	365		
2	195		ND	9	5	7	5	54		
3	196		0.7	19	4	9	7	58		
4	197		0.3	56	9	38	9	205		
5	198		1.2	32	6	25	5	155		
6	199		0.9	33	10	26	11	180		
7	200		0.9	38	8	32	8	195		
8	201		0.9	51	10	39	11	255		
9	202		0.3	56	11	31	12	220		
130	203		ND	34	9	32	9	215		
1	204		ND	16	4	5	3	42		
2	205		ND	43	18	40	25	280		
3	206		1.0	30	12	20	8	145		
4	207		1.3	51	5	23	4	87		
~~5~~	~~STD 2~~		~~0.7~~	~~30~~	~~20~~	~~8~~	~~360~~	~~245~~		
6	208		1.7	28	3	14	5	74		
7	209		0.4	39	6	27	7	185		
8	210		1.4	36	5	19	5	102		
9	211		0.8	26	3	22	5	~~[illegible]~~	145	
140	212		ND	6	25	2	ND	50		
1	213		0.5	34	23	38	9	325		
2	214		0.2	37	19	45	10	420		
3	215		0.2	27	9	25	11	165		
4	216		1.2	67	20	92	14	610		
~~5~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~	~~ND~~		
6	217		0.1	62	6	46	9	265		
7	218		0.2	63	6	63	13	250		
8	219		0.5	26	7	22	9	190		
9	220		0.4	20	6	14	7	78		
150	77314221		1.1	11	9	15	4	108		
~~1~~	~~77314088~~		~~0.1~~	~~47~~	~~7~~	~~31~~	~~12~~	~~[illegible]~~		
~~2~~	~~101~~		~~ND~~	~~22~~	~~4~~	~~17~~	~~8~~	~~112~~		
~~3~~	~~116~~		~~ND~~	~~7~~	~~1~~	~~7~~	~~3~~	~~85~~		
~~4~~	~~130~~		~~0.4~~	~~50~~	~~9~~	~~42~~	~~13~~	~~290~~		
~~5~~	~~148~~		~~3.1~~	~~74~~	~~42~~	~~20~~	~~16~~	~~155~~		
~~6~~	~~169~~		~~1.6~~	~~33~~	~~7~~	~~41~~	~~6~~	~~380~~		
~~7~~	~~192~~		~~0.4~~	~~33~~	~~4~~	~~17~~	~~7~~	~~300~~		
~~8~~	~~198~~		~~1.4~~	~~30~~	~~6~~	~~27~~	~~6~~	~~175~~		
~~9~~	~~209~~		~~0.5~~	~~39~~	~~7~~	~~22~~	~~7~~	~~135~~		
160	77314219		0.6	21	8	31	8	118		

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
1	77313604		1.5	[illegible]	480					
2	5		0.4	24	300					
3	6		1.0	24	395					
4	7		1.1	27	420					
5	8		1.1	25	460					
6	9		1.4	24	535					
7	10		1.7	21	385					
8	11		1.2	28	620					
9	12		1.1	26	520					
10	13		1.1	29	335					
1	14		0.7	20	320					
~~2~~	~~STD 1~~		~~0.1~~	~~28~~	~~835~~					
3	15		0.9	24	360					
4	16		1.2	24	395					
5	17		0.9	22	430					
6	18		0.9	22	390					
7	19		0.9	22	330					
8	20		1.5	19	470					
9	21		1.2	19	420					
* 20	22		2.0	7	285					0.24 g
1	23		2.0	18	605					
~~2~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
3	24		0.9	18	520					
4	25		1.2	13	360					
5	26		1.6	17	320					
6	27		1.4	18	325					
7	28		1.2	17	310					
8	29		3.1	32	605					
9	30		1.1	14	630					
30	31		0.9	16	190					
1	32		0.8	15	265					
2	33 A		1.0	17	120					
3	33 B		1.9	31	60					
4	34		1.7	31	50					
5	35		2.3	38	[illegible]					
6	36		1.8	32	52					
7	37		1.6	28	62					
8	38		0.9	13	28					
9	39		0.4	5	18					
40	77313640		1.6	7	28					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
41	77313641		0.5	8	24					
2	42		ND	1	4					
3	43		0.4	6	20					
4	44		0.4	3	13					
5	45		0.7	17	44					
6	46		1.1	2	2					
7	47		ND	ND	1					
8	48		0.1	3	12					
9	49		1.7	25	43					
50	50		0.9	9	14					
1	51		0.3	3	7					
2	52		1.8	25	26					
~~3~~	~~STD~~		~~1.0~~	~~355~~	~~245~~					
* 4	53		2.0	17	42					0.24 g
5	54		0.5	1	30					
6	55		0.8	12	310					
7	56		0.3	7	92					
8	57		0.3	3	88					
9	58		0.4	2	70					
60	59		5.9	19	8000					
1	60		1.0	12	715					
2	61		1.2	11	750					
~~3~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
4	62		1.5	12	970					
5	63		1.9	25	1170					
6	64		1.8	35	490					
7	65		0.4	13	315					
8	66		2.2	25	460					
9	67		1.4	9	210					
70	68		1.1	12	435					
1	69		1.0	12	610					
2	70		0.8	10	605					
3	71		1.4	19	630					
4	72		0.8	17	175					
5	73		1.5	15	215					
6	74		0.9	22	715					
7	75		0.6	10	120					
8	76		1.0	16	280					
9	77		1.8	13	790					
80	77313678		2.3	20	1560					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
81	77313679		2.9	23	2060					
2	80		1.7	18	400					
3	81		2.6	23	410					
4	82		3.2	36	570					
5	83		3.6	48	625					
6	84		0.9	21	196					
7	85		0.9	20	185					
8	86		2.5	15	2300					
9	87		1.3	16	315					
90	88		1.9	13	280					
1	89		1.9	5	112					
2	90		0.3	4	70					
3	91		0.5	7	160					
~~4~~	~~STD 3~~		~~ND~~	~~4~~	~~54~~					
5	92		0.8	3	51					
6	93		0.4	1	13					
7	94		0.4	19	415					
8	95		0.2	5	175					0.24g
9	96		1.6	15	345					
100	97		2.7	3	65					
1	98		0.5	8	170					
2	699		2.6	10	190					
3	700		0.3	4	28					
~~4~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
5	701		1.2	15	96					
6	702		1.1	18	53					
7	703		0.6	10	48					
8	704		0.7	16	41					
9	705		0.7	17	36					
110	706		0.5	16	44					
1	707		0.2	4	66					
2	708		0.2	18	370					
3	709		0.3	10	126					
4	710		0.7	18	535					
5	11		0.3	8	134					
6	12		0.1	7	148					
7	13		0.2	10	225					
8	14		0.1	6	112					
9	15		0.2	6	195					
120	77313716		0.5	13	380					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Z					COMMENTS
121	77313717		ND	2	20					
2	18		0.3	7	105					
3	19		0.6	7	132					
4	20		0.3	5	~~[illegible]~~	113				
5	21		ND	2	18					
6	22		0.3	14	170					
7	23		ND	1	3					
8	24		0.6	12	605					
9	25		1.8	1	5					
130	26		0.5	5	50					
1	27		0.3	1	20					
2	28		0.3	10	243					
3	29		1.1	3	168					
4	30		0.9	11	315					
~~5~~	~~STD~~		~~0.1~~	~~28~~	~~835~~					
6	31		0.7	2	90					
7	32		1.2	4	102					
8	33		1.4	2	75					
9	34		1.3	1	2					
140	35		0.7	10	175					
1	36		0.7	4	128					
2	37		0.1	3	50					
3	38		0.2	3	66					
4	39		0.8	2	22					
~~5~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
6	40		1.3	22	230					
7	41		1.0	1	6					
8	42		1.6	10	88					
9	43		2.3	7	162					
150	44		0.8	1	2					
1	45		0.8	ND	2					
2	46		0.9	2	36					
3	47		1.0	7	220					
4	48		0.7	2	250					
5	49		1.5	2	210					
6	50		0.5	1	70					
7	77313751		0.5	8	132					
8	77311504		0.4	9	1020					
9	505		1.0	14	1240					
160	77311506		1.2	13	3000					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)	~~Ag~~	Ag	Pb	Zn					COMMENTS
161	77311507		1.3	15	1800					
2	508		0.8	13	1130					
3	77311509		0.9	14	1150					
4	77312515		0.7	10	1400					
5	2516		0.6	9	740					
6	2517		0.8	12	18,000					
7	2518		0.7	13	835					
8	2519		0.7	14	1440					
9	77312520		0.7	12	730					
170	77313501		1.2	9	280					
1	77314502		0.4	8	265					
2	4503		0.4	4	1230					
3	4504		1.4	9	810					
4	77314505		1.1	13	630					
~~5~~	~~STD 2~~		~~1.0~~	~~370~~	~~240~~					
6	BLANK		ND	ND	ND					
7	77313615		0.9	23	360					
8	30		1.1	14	640					
9	42		ND	ND	5					
180	52		1.8	25	29					
1	63		1.9	25	1180					
2	76		1.2	17	275					
3	77313687		1.1	16	315					
4	77313700		0.2	3	28					
5	13		0.8	9	215					
6	26		0.5	6	54					
7	77313739		0.6	1	20					
8	77311504		0.5	8	1030					
9	77312520		0.9	12	705					
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)		Ag	Pb	Zn					COMMENTS
1	77314222		3.5	32	1670					
2	223		0.3	32	220					
3	224		0.3	17	165					
4	225		2.4	19	560					
5	77311 326		11.2	6	80					
6	27		1.7	9	12					
7	28		ND	2	2					
8	29		ND	10	68					
9	30		1.7	35	490					
10	31		1.4	29	345					
1	32		0.7	ND	18					
~~2~~	~~STD 1~~		~~0.2~~	~~20~~	~~570~~					
3	33		0.3	5	52					
4	34		0.9	26	385					
5	35		0.2	2	22					
6	36		0.4	9	32					
7	37		2.9	1	215					
8	38		2.7	1	18					
9	39		0.3	2	74					
20	40		0.1	12	180					
1	41		0.6	4	175					
~~2~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
3	42		0.1	3	290					
4	43		0.1	1	470					
5	44		0.3	6	740					
6	45		0.3	1	640					
7	46		0.1	ND	850					
8	47		2.3	35	80					
9	48		2.7	29	72					
30	49		3.2	32	80					
1	50		1.6	32	75					
2	51		1.5	22	56					
3	52		1.3	10	75					
4	53		1.1	22	125					
5	54		1.1	27	160					
6	55		0.7	22	190					
7	56		1.1	19	98					
8	57		1.5	18	132					
9	58		0.7	3	22					
40	77311 359		0.6	3	60					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
41	77311 360		2.1	28	115					
2	361		1.2	8	28					
3	362		0.8	5	17					
4	363		0.7	15	50					
5	364		1.1	16	74					
6	365		0.6	18	76					
7	366		0.8	ND	3					
8	367		0.7	5	17					
9	368		1.6	23	132					
50	369		0.3	2	16					
1	370		0.9	8	74					
2	371		0.9	10	108					
~~3~~	~~STD 2~~		~~1.1~~	~~370~~	~~255~~					
4	372		0.9	5	52					
5	373		1.2	6	67					
6	374		1.6	11	135					
7	375		0.4	ND	8					
8	376		0.3	ND	6					
9	377		0.3	ND	2					
60	378		1.8	ND	8					
1	379		5.9	10	78					
2	380		1.9	11	310					
~~3~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
4	381		0.9	1	17					
5	382		ND	ND	315					
6	383		3.8	22	270					
7	384		2.2	1	36					
8	385		2.6	9	145					
* 9	386		1.3	3	190					0.24 g
70	387		0.7	9	150					
1	388		0.8	16	260					
2	389		1.0	6	170					
3	390		0.5	5	74					
4	391		2.1	1	30					
* 5	392		1.5	3	78					0.24 g
* 6	393		3.3	6	~~255~~	135				0.24 g
7	394		3.2	8	~~365~~	95				
8	395		1.7	17	~~648~~	235				
* 9	396		3.5	3	~~270~~	118				0.24 g
80	77311 397		4.3	7		88				

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
121	77312293		1.5	7	66					
2	294		1.2	14	118					
3	295		0.4	10	94					
4	296		0.2	16	175					
5	297		1.9	13	175					
6	298		0.8	13	158					
7	299		0.8	17	210					
8	300		0.3	9	114					
9	301		0.4	14	215					
130	302		2.1	15	165					
1	303		0.6	17	265					
2	304		1.7	11	164					
3	305		1.6	17	275					
4	306		1.5	6	96					
~~5~~	~~STD 1~~		~~0.1~~	~~27~~	~~870~~					
6	307		2.3	8	174					
7	308		0.5	10	150					
8	309		1.0	16	225					
9	310		2.5	13	230					
140	311		2.2	18	235					
1	312		0.9	9	125					
2	313		0.3	17	245					
3	314		0.7	5	58					
4	315		0.4	18	215					
~~5~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
6	316		2.6	22	320					
7	317		0.8	13	210					
8	318		0.8	12	360					
9	319		0.9	12	580					
150	77312320		1.2	12	365					
~~1~~	~~77312190~~		~~2.5~~	~~16~~	~~450~~					
2	200		1.1	19	164					
3	220		0.4	23	128					
4	230		0.7	26	295					
5	246		1.6	42	405					
6	261		0.2	3	12					
7	278		0.5	14	165					
8	292		4.6	14	305					
9	307		2.4	8	170					
160	77312318		0.9	11	365					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
1	77312321		1.2	13	325					
2	322		1.1	18	750					
3	323		2.9	20	315					
4	324		2.3	24	445					
5	325		7.2	60	550					
6	326		5.7	62	540					
7	327		2.8	32	470					
8	328		1.1	38	295					
9	329		0.8	22	335					
10	330		1.2	25	310					
1	331		0.3	39	270					
~~2~~	~~STD 2~~		~~1.0~~	~~365~~	~~240~~					
3	332		0.2	23	240					
4	333		0.1	12	230					
5	334		0.2	11	154					
6	335		0.1	36	390					
7	336		1.0	23	440					
8	337		1.3	23	545					
9	338		0.9	16	315					
20	339		1.1	21	320					
1	340		0.6	17	390					
~~2~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
3	341		0.7	18	280					
4	342		0.4	18	255					
5	343		1.0	16	200					
6	344		0.4	25	290					
7	345		0.4	16	260					
8	346		1.6	11	230					
9	347		0.4	16	335					
30	348		0.7	25	375					
1	349		0.1	18	170					
2	350		0.3	15	108					
3	351		0.2	18	275					
4	352		0.6	17	168					
5	353		0.4	16	475					
6	354		1.3	26	580					
7	355		0.3	36	315					
8	356		2.6	29	530					
9	357		1.0	19	255					
40	77312358		0.3	19	280					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
41	77312 359		0.5	27	370					
2	360		0.5	32	2100					
3	361		6.6	23	1650					
4	362		0.5	25	285					
5	363		1.2	16	750					
6	364		1.3	10	225					
7	365		0.6	5	48					
8	366		0.7	22	275					
9	367		0.7	15	325					
50	368		3.9	5	170					
1	369		0.8	19	390					
2	370		2.3	8	625					
~~3~~	~~STD 3~~		~~0.1~~	~~6~~	~~58~~					
4	371		2.2	16	455					
5	372		1.9	15	730					
6	373		1.4	16	680	?				
7	374		1.2	15	940					
8	375		3.1	14	975					
9	376		0.4	16	365					
60	377		0.7	16	350					
1	378		0.4	16	385					
2	379		2.2	5	72					
~~3~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
4	380		0.3	14	400					
5	381		1.1	14	305					
6	382		1.0	16	425					
7	383		0.8	14	390					
8	384		0.8	11	265					
9	385		0.2	16	315					
70	386		0.4	30	430					
1	387		0.2	19	340					
2	388		0.7	11	260					
3	389		0.1	15	355					
4	390		0.3	7	190					
5	391		6.2	18	355					
6	392		0.1	10	210					
7	393		0.9	27	810					
8	394		1.1	14	300					
9	395		1.2	15	410					
80	77312 396		1.8	16	675					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº	SAMPLE Nº (NMBR)		Ag	Pb	Zn					COMMENTS
81	77312397		3.8	10	590					
2	398		2.9	11	630					
3	399		3.6	11	700					
4	400		2.7	13	720					
5	401		1.5	16	750					
6	402		2.7	17	670					
7	403		0.7	9	170					
8	404		0.9	17	480					
9	405		0.1	44	165					
90	406		0.1	10	106					
1	407		0.1	42	215					
2	408		0.1	53	125					
3	409		ND	88	165					
~~4~~	~~STD 1~~		~~ND~~	~~29~~	~~860~~					
5	410		0.5	30	112					
6	411		1.9	14	730					
7	412		0.9	18	540					
8	413		0.8	17	270					
9	414		1.0	18	134					
100	415		1.0	18	112					
1	416		1.8	24	96					
2	417		0.7	22	420					
3	418		0.2	16	675					
~~4~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
5	419		0.5	26	640					
6	420		0.2	15	275					
7	421		0.7	26	345					
8	422		0.3	25	475					
9	423		0.7	21	270					
110	424		0.4	19	225					
1	425		1.8	19	125					
2	426		1.1	19	185					
3	427		1.6	18	155					
4	428		0.7	10	32					
5	429		1.1	32	335					
6	430		0.9	30	230					
7	431		1.4	31	122					
8	432		1.2	39	325					
9	433		0.2	13	145					
120	77312434		0.2	26	180					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
121	77312435		0.7	4	68					
2	436		1.6	9	50					
3	437		1.1	15	215					
4	438		3.3	18	145					
5	439		3.5	4	68					
6	440		0.4	8	390					
7	441		0.3	13	290					
8	442		0.9	14	225					
9	443		0.7	10	510					
130	444		1.7	16	295					
1	445		0.5	16	225					
2	446		0.3	15	260					
3	447		0.4	22	255					
4	448		0.5	19	340					
~~5~~	~~STD 2~~		~~1.0~~	~~365~~	~~250~~					
6	449		0.5	15	270					
7	450		0.2	19	265					
8	451		0.5	19	305					
9	452		0.4	5	60					
140	453		0.6	18	305					
1	454		0.5	4	60					
2	455		1.2	19	235					
3	456		1.0	19	255					
4	457		1.3	23	360					
~~5~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
6	458		1.5	21	295					
7	459		1.8	21	305					
8	460		1.5	25	370					
9	461		0.9	22	330					
150	77312462		1.5	25	395					
~~1~~	~~77312333~~		~~0.2~~	~~13~~	~~290~~					
~~2~~	~~349~~		~~0.1~~	~~19~~	~~175~~					
~~3~~	~~368~~		~~4.0~~	~~5~~	~~162~~					
~~4~~	~~379~~		~~2.2~~	~~5~~	~~72~~					
~~5~~	~~392~~		~~0.1~~	~~9~~	~~198~~					
~~6~~	~~403~~		~~0.7~~	~~8~~	~~170~~					
~~7~~	~~416~~		~~1.8~~	~~23~~	~~94~~					
~~8~~	~~428~~		~~0.6~~	~~10~~	~~32~~					
~~9~~	~~442~~		~~0.8~~	~~14~~	~~225~~					
~~160~~	~~77312454~~		~~0.7~~	~~5~~	~~66~~					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
1	77312463		1.0	23	385					
2	464		0.9	21	410					
3	465		1.3	21	500					
4	466		0.8	20	320					
5	467		0.7	21	305					
6	468		0.9	25	475					
7	469		1.1	23	360					
8	470		1.2	26	320					
9	471		1.5	31	365					
10	472		1.0	25	295					
1	473		1.6	28	310					
~~2~~	~~STD 1~~		~~0.2~~	~~27~~	~~825~~					
3	474		2.1	30	325					
4	475		1.3	23	157					
5	476		1.3	23	164					
6	477		0.9	23	190					
7	478		1.0	23	160					
8	479		1.0	22	215					
9	480		0.8	20	230					
20	481		1.2	22	265					
1	482		0.9	22	260					
~~2~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
3	483		1.1	23	310					
4	484		1.2	26	380					
5	485		0.9	27	380					
6	486		0.8	22	330					
7	487		1.1	26	345					
8	488		0.7	17	82					
9	489		0.7	13	68					
30	490		0.4	12	56					
1	491		0.6	15	125					
2	492		0.8	16	152					
3	493		2.8	18	575					
4	494		5.0	19	650					
5	495		4.2	18	565					
6	496		7.0	24	1670					
7	497		2.5	18	1290					
8	498		1.9	12	675					
9	499		3.7	19	1200					
40	77312500		0.2	11	190					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn				COMMENTS
41	77312521		0.2	10	185				
2	522		0.5	8	120				
3	523		0.5	15	188				
4	524		1.2	33	600				
5	525		1.2	56	620				
6	526		1.2	19	925				
7	527		2.6	20	1450				
8	528		1.1	26	660				
9	529		0.9	74	825				
50	530		0.9	25	800				
1	531		0.8	33	3500				
2	532		2.9	34	1000				
~~3~~	~~STD Z~~		~~0.9~~	~~360~~	~~235~~				
4	533		2.6	22	710				
5	534		3.0	23	1325				
6	535		2.0	19	580				
7	536		1.1	13	770				
8	537		2.6	16	630				
9	538		1.3	13	1050				
60	539		0.9	23	2300				
1	540		1.0	10	2050				
2	541		1.3	11	790				
~~3~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~				
4	601		0.3	12	515				
5	602		0.4	15	710				
6	77312603		0.6	20	255				
7	77313205		0.1	10	142				
8	206		0.4	16	330				
9	207		0.2	14	230				
70	208		0.1	5	92				
1	209		0.5	17	255				
2	210		0.7	26	395				
3	211		0.6	16	200				
4	212		2.0	23	1600				
5	213		0.7	33	360				
6	214		0.3	20	275				
7	215		1.3	25	290				
8	216		0.2	2	10				
9	217		0.2	ND	2				
80	77313 218		3.4	29	700				

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº	SAMPLE Nº (NMBR)		Ag	Pb	Zn					COMMENTS
81	77313219		0.5	1	12					
2	283		ND	31	75					
3	284		ND	15	136					
4	285		0.2	8	102					
5	286		0.6	23	210					
6	287		0.8	69	275					
7	288		1.2	1000	135					
8	289		0.1	77	82					
9	290		0.5	150	182					
90	291		0.5	40	185					
1	292		ND	15	172					
2	293		0.8	32	450					
3	294		1.0	28	275					
~~4~~	~~STD 3~~		~~ND~~	~~5[illegible]~~	~~52~~					
5	295		1.0	26	355					
6	296		1.2	26	440					
7	297		1.1	25	400					
8	298		1.6	27	560					
9	299		1.4	26	420					
100	300		1.3	26	430					
1	301		1.0	22	335					
2	302		1.4	20	210					
3	303		6.4	21	2150					
~~4~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
5	304		1.3	23	365					
6	305		1.0	25	395					
7	306		1.6	26	325					
8	307		0.8	23	560					
9	308		0.9	31	530					
110	309		1.9	23	1110					
1	310		4.7	35	1090					
2	311		3.1	21	1150					
3	312		2.6	25	1130					
4	313		1.5	9	1070					
5	314		4.7	25	1600					
6	315		1.3	30	400					
7	316		0.5	23	355					
8	317		0.3	21	220					
9	318		0.2	25	320					
120	77313 319		0.2	23	410					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB No.	SAMPLE No. (NMBR)		Ag	Pb	Zn					COMMENTS
121	77313320		0.1	13	325					
2	321		0.1	12	135					
3	322		0.1	11	108					
4	323		0.2	13	200					
5	324		0.1	11	175					
6	325		0.2	34	350					
7	326		0.5	18	375					
8	327		0.1	10	340					
9	328		0.6	12	415					
130	329		0.6	14	350					
1	330		0.3	22	415					
2	331		1.0	18	670					
3	332		0.3	6	102					
4	333		0.1	1	4					
~~5~~	~~STD 1~~		~~0.1~~	~~27~~	~~820~~					
6	334		0.1	4	80					
7	335		0.4	ND	18					
8	336		0.5	ND	13					
9	337		0.3	15	150					
140	338		0.4	5	50					
1	339		0.2	9	88					
2	340		0.3	ND	4					
3	341		1.5	5	70					
4	342		N.D	ND	2					
~~5~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
6	343		ND	ND	4					
* 7	344		0.3	ND	ND					0.24 g
8	345		ND	ND	12					
9	346		ND	ND	2					
150	77313347		1.0	18	425					
~~1~~	~~77312468~~		~~1.0~~	~~24~~	~~460~~					
~~2~~	~~483~~		~~0.9~~	~~22~~	~~310~~					
~~3~~	~~500~~		~~ND~~	~~11~~	~~195~~					
~~4~~	~~537~~		~~2.4~~	~~16~~	~~630~~					
~~5~~	~~77313207~~		~~0.1~~	~~13~~	~~225~~					
~~6~~	~~291~~		~~0.5~~	~~40~~	~~185~~					
~~7~~	~~302~~		~~1.3~~	~~18~~	~~210~~					
~~8~~	~~313~~		~~1.2~~	~~9~~	~~1100~~					
~~9~~	~~333~~		~~ND~~	~~ND~~	~~2~~					
~~160~~	~~77313341~~		~~1.7~~	~~6~~	~~62~~					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
1	77313348	0.6	~~0.1~~	2	28					
2	349	0.7	[illegible]	ND	6					
3	350	1.5	[illegible]	8	62					
4	351	0.5	~~0.1~~	7	92					
5	352	1.3	~~0.4~~	15	160					
6	353	0.6	~~0.2~~	11	102					
7	354	0.5	[illegible]	12	195					
8	355	1.3	~~0.1~~	2	15					
9	356	0.5	[illegible]	11	165					
10	357	0.2	~~0.2~~	11	270					
1	358		0.3	ND	12					
~~2~~	~~STP 3~~		~~0.9~~	~~352~~	~~210~~					
3	359		3.3	ND	10					
4	360		1.0	2	90					
5	361		2.6	6	50					
6	362		0.3	6	70					
7	363		0.9	2	10					
8	364		0.3	ND	4					
9	365		0.2	1	8					
20	366		0.6	ND	13					
1	367		0.3	9	134					
~~2~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
3	368		2.2	15	215					
4	369		0.4	19	265					
5	370		0.4	11	150					
6	371		0.2	13	460					
7	372		ND	4	66					
8	373		0.1	2	52					
9	374		0.9	10	365					
30	375		0.6	9	210					
1	376		0.1	1	18					
2	377		0.1	ND	42					
3	378		0.1	3	78					
4	379		ND	1	25					
5	380		0.1	1	22					
6	381		0.1	3	105					
7	382		0.1	3	115					
8	383		ND	1	36					
9	384		0.4	10	275					
40	77313385		0.2	3	90					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
41	77313386		0.1	5	175					
2	387		0.1	18	275					
3	388		0.1	7	78					
4	389		0.1	12	325					
5	390		0.4	14	265					
6	391		0.2	17	620					
7	392		1.1	18	240					
8	393		0.1	13	690					
9	394		0.1	16	385					
50	395		0.2	19	275					
1	396		0.3	32	148					
2	397		0.2	4	105					
~~3~~	~~STD 3~~		~~ND~~	~~5~~	~~54~~					
4	398		1.0	4	78					
5	399		0.1	4	60					
6	400		0.7	2	61					
7	401		0.1	1	5					
8	402		0.1	4	128					
9	403		0.3	7	144					
60	404		0.2	7	136					
1	405		0.2	6	118					
2	406		0.1	ND	4					
~~3~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
4	407		0.3	3	61					
5	408		0.3	9	66					
6	409		0.3	5	60					
7	410		0.3	ND	10					
8	411		0.8	3	78					
9	412		0.1	3	66					
70	413		0.4	3	38					
1	414		0.1	1	62					
2	415		0.2	ND	8					
3	416		0.4	ND	31					
4	417		0.3	ND	2					
5	418		0.3	ND	2					
6	419		1.9	1	27					
7	420		0.1	ND	4					
8	421		0.1	ND	16					
9	422		0.5	ND	9					
80	77313423		0.3	14	325					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn	not on				COMMENTS
81	77313424		0.2	16	310	map				
2	425		0.1	11	235	Creek				
3	426		0.1	1	20	soil Cards				
4	427		0.3	4	92	↑				
5	428		0.1	5	118					
6	429		0.1	9	195					
7	430		0.3	3	138					
8	431		0.8	11	315					
9	432		2.8	11	270					
90	433		0.1	7	110					
1	434		ND	4	125					
2	435		0.2	ND	5					
3	436		0.3	1	6					
~~4~~	~~STD 1~~		~~0.1~~	~~27~~	~~810~~					
5	437		2.3	1	10					
6	438		0.3	1	12					
7	439		0.1	14	410					
8	440		0.1	2	15					
9	441		ND	2	15					
100	442		ND	5	30					
1	443		ND	7	26					
2	444		0.2	27	106					
3	445		ND	6	52					
~~4~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
5	446		ND	2	22					
6	447		0.3	15	82					
7	448		0.3	11	148					
8	449		ND	ND	4					
9	450		0.7	5	74					
110	451		0.9	10	128					
1	452		0.1	17	890					
2	453		0.1	5	114					
3	454		0.9	16	135					
4	455		0.3	14	215					
5	456		0.5	13	38					
6	457		0.1	1	5					
7	458		0.4	4	14					
8	459	15.3	[illegible]	2	4					
9	460		2.7	2	2					
120	77313461		0.2	ND	2					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
121	77313462		1.3	13	74					
2	463		0.5	1	2					
3	464		0.2	2	37					
4	465		0.2	3	270					
5	466		0.1	1	65					
6	467		1.5	3	54					
7	468		0.7	ND	9					
8	469		0.3	ND	3					
9	470		0.2	1	4					
130	471		0.7	4	260					
1	472		0.2	13	205					
2	473		0.8	13	270					
3	474		0.1	15	250					
4	475		0.2	14	265					
~~5~~	~~STD 2~~		~~0.8~~	~~352~~	~~270~~					
6	476		0.4	9	108					
7	477		1.2	17	305					
8	478		1.9	18	1310					
9	479		2.2	19	2500					
140	480		2.7	20	1060					
1	481		1.1	18	415					
2	482		1.4	17	580					
3	483		0.9	20	450					
4	484		0.8	18	325					
~~5~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
6	485		0.7	17	280					
7	486		0.8	18	305					
8	487		1.0	22	335					
9	488		1.3	23	350					
150	77313 489		0.7	21	325					
~~1~~	~~77313 361~~		~~2.7~~	~~7~~	~~487~~					
~~2~~	~~373~~		~~0.1~~	~~2~~	~~50~~					
~~3~~	~~387~~		~~0.1~~	~~18~~	~~260~~					
~~4~~	~~397~~		~~0.2~~	~~4~~	~~112~~					
~~5~~	~~412~~		~~ND~~	~~3~~	~~64~~					
~~6~~	~~430~~		~~0.4~~	~~2~~	~~135~~					
~~7~~	~~443~~		~~ND~~	~~7~~	~~26~~					
~~8~~	~~457~~		~~ND~~	~~1~~	~~4~~					
~~9~~	~~474~~		~~0.1~~	~~13~~	~~245~~					
~~160~~	~~77313486~~		~~0.9~~	~~19~~	~~300~~					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn				COMMENTS
1	77311674		1.8	14	106				
2	675		0.9	11	106				
3	676		1.6	22	88				
4	677		0.5	11	61				
5	678		1.5	27	86				
6	679		1.7	22	76				
7	680		1.1	12	47				
8	681		1.6	27	48				
9	682		1.1	23	38				
10	683		0.8	7	34				
1	684		1.7	33	51				
~~2~~	~~STD 1~~		~~ND~~	~~29~~	~~820~~				
3	685		1.8	32	66				
4	686		0.8	14	34				
5	687		1.3	27	62				
6	688		1.3	30	83				
7	689		0.8	6	15				
8	690		2.7	17	50				
9	691		1.7	24	120				
20	692		0.6	17	60				
1	693		0.1	4	85				
~~2~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~				
3	694		0.8	18	660				
4	695		0.4	17	550				
5	696		0.2	16	610				
6	697		1.4	14	240				
7	698		0.3	11	280				
8	699		1.3	3	41				
9	700		0.7	6	30				
30	701		0.7	5	80				
1	702		1.3	6	22				
2	703		1.0	3	96				
3	704		0.2	12	385				
4	705		ND	9	365				
5	706		0.1	3	16				
6	707		0.1	ND	4				
7	708		1.1	4	55				
8	709		0.6	13	44				
9	710		0.5	14	300				
40	77311711		0.6	4	56				

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
41	77311712		0.7	18	20					
2	713		1.4	4	62					
3	714		0.6	2	4					
4	715		5.7	38	2250					
5	716		1.4	13	300					
6	717		0.7	1	14					
7	718		0.7	4	34					
8	719		0.4	16	178					
9	720		0.7	12	158					
50	721		0.8	21	400					
1	722		0.9	13	106					
2	723		1.9	80	145					
~~3~~	~~STD 2~~		~~0.9~~	~~370~~	~~230~~					
4	724		0.8	3	14					
5	725		3.5	17	21					
6	726		0.4	47	132					
7	727		0.4	28	230					
8	728		0.9	19	24					
9	729		0.2	22	173					
60	730		ND	8	210					
* 1	731		0.2	15	50					0.24 g
* 2	732		ND	15	135					0.24 g
~~3~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
4	733		0.4	10	280					
5	734		0.9	11	385					
6	735		0.1	8	305					
7	736		0.2	7	205					
8	737		ND	8	380					
9	738		0.7	7	310					
70	739		0.5	13	280					
1	740		0.2	3	24					
2	741		1.0	6	106					
* 3	742		1.2	5	80					0.24 g
* 4	743		3.2	10	95					0.24 g
5	744		0.6	9	195					
6	745		1.7	8	260					
* 7	746		0.5	5	195					0.24 g
* 8	747		0.8	7	190					0.24 g
* 9	748		1.0	10	95					0.24 g
80	77311749		0.4	7	78					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

	LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
	81	77311750		1.1	4	26					
	2	751		1.3	3	46					
	3	752		2.0	7	108					
*	4	753		3.2	7	40					0.24g
*	5	754		1.0	2	50					0.24g
*	6	755		0.3	8	145					0.24g
*	7	756		0.1	2	95					0.24g
*	8	757		0.1	2	140					0.24g
	9	758		0.3	5	160					
	90	759		1.0	9	315					~~E~~
*	1	760		0.5	5	210					0.24g
	2	761		0.6	6	[illegible]	160				
*	3	762		0.5	5	~~140~~	160				0.24g
	~~4~~	~~STD 3~~		~~6.1~~	~~6~~	~~56~~					
	5	763		5.4	8	195					
	6	764		2.2	4	88					
*	7	765		0.7	2	115					0.24g
	8	766		5.3	18	340					
	9	767		0.7	13	215					
	100	768		0.3	7	126					
	1	769		1.4	5	80					
*	2	770		2.2	2	38					0.24g
	3	771		0.8	17	255					
	~~4~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
	5	772		0.9	2	66					
	6	773		3.0	6	190					
	7	774		0.7	14	235					
	8	775		0.6	13	225					
	9	776		0.9	15	580					
	110	777		1.1	7	205					
	1	778		0.7	21	320					
	2	779		1.0	11	110					
	3	780		0.3	1	12					
*	4	781		ND	5	30					0.24g
	5	782		0.7	1	22					
	6	783		0.1	1	2					
	7	784		0.3	ND	20					
	8	785		0.3	6	100					
	9	786		0.6	3	133					
*	120	77311787		1.2	ND	28					0.24g

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
* 121	77311788		1.0	5	35					0.24g
2	789		0.5	2	38					
3	790		0.9	15	425					
4	791		1.0	1	16					
5	792		0.4	2	28					
* 6	793		1.7	5	42					0.24g.
7	794		1.0	13	235					
8	795		0.4	4	8					
9	796		0.5	6	9					
130	797		0.3	6	10					
1	798		0.6	27	225					
2	799		1.7	65	33					
3	800		0.3	48	36					
4	801		3.3	19	44					
~~5~~	~~STD 1~~		~~0.2~~	~~28~~	~~836~~					
6	802		0.8	23	26					
7	803		2.2	13	83					
8	804		3.1	19	53					
9	805		1.2	19	225					
140	806		1.7	31	29					
1	807		0.2	23	275					
2	808		1.2	10	21					
3	809		14.5	13	96					
4	810		3.2	8	15					
~~5~~	~~BLANK~~		~~nil~~	~~nil~~	~~nil~~					
6	811		5.0	8	14					
7	813		2.1	17	48					
* 8	814		0.5	27	70					0.24 g.
9	815		0.5	17	265					
150	77311816		0.5	23	124					
~~1~~	~~77311684~~		~~1.9~~	~~32~~	~~59~~					
~~2~~	~~694~~		~~0.8~~	~~19~~	~~680~~					
~~3~~	~~714~~		~~0.5~~	~~1~~	~~6~~					
~~4~~	~~724~~		~~0.9~~	~~2~~	~~12~~					
~~5~~	~~739~~		~~0.5~~	~~12~~	~~280~~					
~~6~~	~~763~~		~~5.6~~	~~8~~	~~195~~					
~~7~~	~~774~~		~~0.5~~	~~14~~	~~235~~					
~~8~~	~~789~~		~~0.4~~	~~3~~	~~42~~					
~~9~~	~~797~~		~~0.2~~	~~6~~	~~10~~					
~~160~~	~~77311805~~		~~1.3~~	~~19~~	~~225~~					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
1	77311817		0.2	23	60					
2	18		0.2	15	106					
3	19		1.0	20	75					
4	20		0.6	20	360					
5	21		0.7	18	215					
6	22		0.9	16	330					
7	23		1.1	21	165					
8	24		1.1	10	162					
9	25		1.1	9	235					
10	26		4.2	15	1115					
1	27		2.6	20	395					
~~2~~	~~STD 1~~		~~ND~~	~~20~~	~~800~~					
3	28		1.9	19	385					
4	29		3.2	23	790					
5	30		4.0	23	1140					
6	31		2.9	20	935					
7	32		1.3	12	570					
8	33		2.6	56	1660					
9	34		1.7	17	1020					
20	35		1.6	22	1000					
1	36		0.8	11	260					
~~2~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
3	37		0.4	16	265					
4	38		0.4	17	310					
5	39		1.0	13	275					
6	40		0.8	10	255					
7	41		1.3	10	275					
8	42		0.6	10	220					
9	43		0.8	9	240					
30	44		0.6	9	245					
1	45		0.9	13	750					
2	46		0.2	8	85					
3	47		0.6	7	54					
4	48		0.3	15	330					
5	49		0.4	15	190					
6	50		0.3	5	96					
7	51		2.7	2000	905					
8	52		2.6	26	1260					
9	53		0.8	15	650					
40	77311854		2.2	19	340					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn				COMMENTS
41	77311855		1.2	12	485				
2	56		1.9	10	690				
3	57		1.4	10	400				
4	58		0.4	4	160				
5	59		0.1	2	32				
6	60		0.9	11	194				
7	61		0.2	5	56				
8	62		1.3	10	75				
9	63		1.3	8	125				
50	64		1.5	16	580				
1	65		1.6	17	590				
2	66		1.3	17	515				
~~3~~	~~STD 2~~		~~1.1~~	~~355~~	~~245~~				
4	67		1.0	16	410				
5	68		0.6	11	290				
6	69		1.2	27	620				
7	70		0.5	13	400				
8	71		0.8	16	795				
9	72		1.3	18	295				
60	73		0.9	8	235				
1	74		3.2	21	245				
2	75		0.6	39	220				
~~3~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~				
4	76		0.6	22	235				
5	77		0.3	16	138				
6	78		0.3	2	76				
7	79		0.3	1	12				
* 8	80		0.7	7	40				0.24g
9	81		1.4	24	60				
70	82		0.6	18	92				
1	83		0.8	20	51				
2	84		ND	ND	4				
3	85		0.2	1	10				
* 4	86		0.5	1	35				0.24g
5	87		0.3	2	16				
6	88		0.6	3	56				
7	89		0.4	8	60				
8	90		0.7	14	190				
9	91		1.6	8	155				
* 80	77311892		0.8	1	48				0.24g

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
81	77311893		ND	4	135					
2	94		1.6	26	410					
3	95		0.3	11	580					
4	96		1.2	16	565					
5	97		1.9	15	435					
6	98		0.4	12	775					
7	899		0.2	18	295					
8	900		ND	8	180					
9	901		4.3	2	32					
90	902		0.1	3	58					
1	903		0.1	ND	6					
2	904		1.5	19	545					
3	905		1.6	14	800					
~~4~~	~~STD 3~~		~~0.2~~	~~4~~	~~56~~					
5	906		0.3	11	330					
6	907		0.3	16	180					
7	908		0.3	15	215					
8	909		0.4	5	74					
9	910		0.8	4	72					
100	11		0.5	27	315					
1	12		0.7	38	320					
2	13		0.9	41	425					
3	14		0.7	13	275					
~~4~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
5	15		0.4	1	42					
6	16		0.1	2	48					
7	17		0.2	18	185					
8	18		0.1	1	20					
9	19		0.1	10	112					
110	20		0.2	8	34					
1	21		0.3	14	52					
2	22		0.3	33	128					
3	23		0.3	67	535					
4	24		1.0	31	520					
5	25		1.1	20	355					
6	26		1.1	9	110					
7	27		1.3	17	225					
8	28		0.5	10	230					
9	29		0.2	6	142					
120	77311930		0.2	5	62					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
121	77311931		2.0	8	162					
2	32		0.4	2	38					
3	33		0.3	1	48					
4	34		1.4	11	160					
5	35		0.2	5	75					
6	36		0.1	1	90					
7	37		0.9	3	74					
8	38		2.0	13	370					
9	39		1.8	10	235					
130	40		3.4	10	100					
1	41		0.4	9	36					
2	42		0.7	15	67					
3	43		1.1	29	210					
4	44		0.1	5	56					
~~5~~	~~STD1~~		~~2.1~~	~~26~~	~~805~~					
6	45		0.1	1	10					
7	46		0.2	6	122					
8	47		0.5	3	114					
9	48		0.6	9	230					
140	49		ND	9	~~[illegible]~~	535				
* 1	50	ND	~~4.0~~	5	~~435~~	125				0.24g
2	51	1.6	~~0.5~~	38	~~350~~	425				
3	52	0.5	~~6.2~~	12	~~88~~	350				
4	53		0.2	3	88					
~~5~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
6	54		3.6	64	~~[illegible]~~	1520				
7	55		0.6	6	460					
8	56		0.3	9	245					
9	57		0.9	3	175					
150	58		0.4	17	460					
1	59		0.2	9	215					
2	60		0.8	17	570					
* 3	61		0.7	2	60					0.24g
4	62		2.2	7	152					
5	63		0.3	4	130					
* 6	64		6.5	2	43					0.24g
7	65		2.9	1	20					
* 8	66		0.2	1	40					0.24g
* 9	67		2.0	1	35					0.24g
160	77311968		0.3	17	345					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
161	77311969		3.2	2	30					
2	70		0.6	2	118					
* 3	71		6.5	1	50					0.24g
4	72	1.0	~~2.5~~	1	28					
* 5	73		1.3	2	43					0.24g
* 6	74		1.8	1	48					″
* 7	75		0.8	5	40					″
8	76		0.5	1	28					
* 9	77		ND	1	105					″
170	78		0.3	1	46					
1	79		0.3	3	90					
2	80		0.3	2	255					
* 3	81		0.2	2	145					″
* 4	82		0.2	2	38					″
5	77311983		0.9	16	285					
~~6~~	~~STD 2~~		~~1.0~~	~~365~~	~~275~~					
7	77312604		4.5	35	290					
8	5		5.8	24	450					
9	6		3.3	32	300					
180	7		3.0	17	210					
1	8		2.4	14	620					
2	9		2.6	23	960					
3	10		2.8	30	760					
4	11		2.7	34	565					
5	12		2.8	45	440					
~~6~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
7	13		2.7	28	575					
8	14		2.7	18	370					
9	15		4.3	16	1770					
190	16		7.3	20	6630					
1	17		6.8	11	5260					
2	18		4.1	17	730					
3	19		1.7	13	1350					
4	20		0.8	9	104					
5	21		0.8	10	365					
6	22		0.8	10	345					
7	23		0.6	13	545					
8	24		1.4	18	330					
9	25		0.9	23	325					
200	77312626		1.0	22	450					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn				COMMENTS
201	77312627		2.2	21	405				
2	28		1.6	20	350				
3	29		1.7	19	350				
4	30		1.4	26	98				
5	31		1.0	25	103				
6	32		1.0	22	55				
7	33		0.7	18	68				
8	34		0.6	17	50				
9	35		1.8	29	68				
210	36		1.7	23	20				
1	37		1.0	37	30				
2	38		2.1	17	34				
3	39		1.1	19	46				
4	40		1.0	23	66				
5	41		1.9	28	54				
6	42		1.9	61	110				
~~7~~	~~STD3~~		~~2.1~~	~~5~~	~~56~~				
8	43		3.2	28	335				
9	44		3.3	28	335				
220	45		0.4	17	670				
1	46		0.3	18	715				
2	47		0.3	16	425				
3	48		0.8	17	375				
4	77312649		0.6	19	485				
~~5~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~				
6	77311823		1.2	22	165				
7	77311835		1.4	20	980				
8	77311849		0.3	14	190				
9	77311865		1.5	17	580				
230	77311883		0.9	19	52				
1	77311890		0.7	14	185				
2	77311905		1.8	14	800				
3	77311919		0.2	10	115				
4	77311932		0.4	8	39				
5	77311943		1.2	30	208				
6	77311952		0.5	13	355				
7	77311983		0.9	15	290				
8	77312618		4.2	16	1760				
9	77312625		1.6	19	350				
240	77312645		0.2	18	655				

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
1	77312650		0.9	19	390					
2	51		0.5	15	~~390~~	560				
3	52		0.3	17	260					
4	53		0.8	13	235					
5	54		0.7	15	255					
6	55		0.5	14	400					
7	56		0.3	14	230					
8	57		1.2	15	185					
9	58		0.7	18	405					
10	59		0.4	13	~~560~~	1220				
1	60		2.3	25	1760					
2	61		0.8	13	280					
~~3~~	~~STD 1~~		~~0.1~~	~~26~~	~~820~~					
4	62		1.7	12	205					
5	63		1.0	12	980					
6	64		0.5	12	235					
7	65		1.8	39	920					
8	66		0.7	15	445					
9	67		0.8	16	275					
20	68		1.8	12	220					
1	69		0.9	6	125					
2	70		1.1	10	205					
~~3~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
4	71		0.5	13	275					
5	72		3.2	10	190					
6	73		0.5	3	74					
7	74		0.1	13	190					
8	75		0.8	11	355					
9	76		2.8	13	1110					
30	77		2.8	5	315					
1	78		2.0	13	625					
2	79		4.7	10	550					
3	80		1.2	6	300					
4	81		1.1	9	320					
5	82		0.6	14	285					
6	83		0.8	13	310					
7	84		1.4	8	155					
8	85		0.5	10	345					
9	86		0.8	9	180					
40	77312687		0.7	16	235					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
41	77312688		0.5	13	265					
2	89		1.5	28	405					
3	90		0.1	15	215					
4	91		0.7	21	420					
5	92		0.3	30	120					
6	93		2.3	91	38					
7	94		0.9	31	110					
8	95		2.0	14	102					
9	96		0.1	10	425					
50	97		5.5	22	46					
1	98		0.1	9	80					
2	699		0.3	15	222					
3	700		0.1	19	215					
4	~~STD2~~		~~1.0~~	~~365~~	~~265~~					
5	701		1.0	28	165					
6	702		0.2	10	125					
7	703		0.1	9	130					
8	704		0.1	8	185					
9	705		0.1	8	365					
60	706		0.9	4	72					
1	707		6.3	33	1100					
2	708		1.2	25	1020					
3	709		6.7	22	1800					
4	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
5	710		6.4	24	1080					
6	11		1.5	34	1220					
7	12		1.4	11	38					
8	13		2.7	8	128					
9	14		1.5	5	70					
70	15		0.8	10	80					
1	16		3.6	21	305					
2	17		16.5	26	1080					
3	18		8.6	21	670					
4	19		7.1	26	2400					
5	20		1.9	31	480					
6	21		3.9	15	890					
7	22		2.1	17	570					
8	23		2.0	16	685					
9	24		2.2	17	760					
80	77312725		1.9	13	860					

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
81	77312726		1.8	13	715					
2	27		2.1	14	940					
3	28		1.5	9	520					
4	29		2.3	14	1000					
5	30		1.9	18	740					
6	31		1.6	10	1370					
7	32		1.8	16	1150					
8	33		1.0	19	620					
9	34		0.9	16	~~[illegible]~~	245				
90	35		1.5	18	185					
1	36		1.4	18	265					
2	37		1.1	17	300					
3	38		1.1	8	116					
4	39		1.6	23	295					
5	~~STD 3~~		~~4.2~~	~~5~~	~~56~~					
6	40		1.2	10	175					
7	41		1.6	18	148					
8	42		0.3	9	50					
9	43		2.0	23	400					
100	44		1.4	12	345					
1	45		0.3	15	124					
2	46		0.9	17	385					
3	47		2.7	132	360					
4	48		8.2	24	805					
5	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
6	49		2.5	24	330					
7	50		1.4	21	335					
8	51		1.0	13	285					
9	52		0.9	30	235					
110	53		1.3	16	155					
1	54		1.6	20	42					
2	55		1.5	10	29					
3	56		1.6	13	38					
4	57		1.9	7	10					
5	58		2.3	11	34					
6	59		ND	12	215					
7	60		1.7	21	590					
8	61		1.1	51	165					
9	62		3.8	60	1150					
120	77312763		2.0	19	195					

REPORT Nº. 77-89

PAGE 4 of 7

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
121	77312764		1.3	26	430					
2	65		2.7	54	290					
3	66		4.2	168	1130					
4	67		0.5	4	108					
5	68		ND	5	260					
6	69		ND	8	420					
7	70		6.1	7	215					
8	71		0.1	15	450					
9	72		1.0	26	115					
130	73		0.3	16	270					
1	74		1.3	14	80					
2	75		0.8	39	415					
3	76		1.0	10	530					
4	77		0.3	11	320					
5	78		0.2	10	575					
~~6~~	~~STD1~~		~~0.2~~	~~28~~	~~840~~					
7	79		0.6	14	750					
8	80		0.6	10	440					
9	81		0.5	36	930					
140	82		1.6	13	570					
1	83		0.8	9	290					
2	84		1.4	26	440					
3	85		0.6	14	[illegible]	580				
4	86		0.6	15	480					
5	87		2.0	14	630					
~~6~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
7	88		0.5	3	152					
8	89		2.4	31	490					
9	90		1.4	19	430					
150	91		0.5	10	158					
1	92		2.4	20	365					
2	93		1.3	20	385					
3	94		2.6	9	290					
4	95		0.3	9	215					
5	96		1.3	10	300					
6	97		2.2	6	245					
7	98		0.7	9	170					
8	799		1.5	29	145					
9	800		0.6	13	345					
160	77312801		0.7	9	165					

REPORT Nº. 77-89

PAGE 5 of 7

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
161	77312802		0.9	14	335					
2	3		0.6	16	340					
3	4		0.9	10	210					
4	5		0.4	12	215					
5	6		0.2	10	160					
6	7		0.4	10	180					
7	8		0.5	12	195					
8	9		1.8	10	265					
9	10		2.2	10	345					
170	11		0.7	9	225					
1	12		0.3	12	310					
2	13		0.5	10	155					
3	14		0.3	12	200					
4	15		1.6	13	345					
5	16		0.3	14	160					
6	17		1.7	11	570					
~~7~~	~~STD 2~~		~~1.0~~	~~36~~	~~250~~					
8	18		0.8	17	200					
9	19		0.2	20	310					
180	20		0.2	2	165					
1	21		0.8	8	275					
2	22		2.6	7	145					
3	23		1.7	2	16					
4	24		2.6	16	100					
5	25		0.8	36	104					
6	26		1.6	39	185					
~~7~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
8	27		0.2	7	74					
9	28		1.1	18	240					
190	29		0.8	17	315					
1	77312830		0.8	15	295					
2	77313490		1.0	17	285					
3	91		1.1	22	345					
4	92		1.3	26	370					
5	93		1.7	28	410					
6	94		1.5	24	350					
7	95		1.4	30	545					
8	96		1.7	32	430					
9	97		1.4	24	380					
200	77313498		1.1	21	400					

REPORT Nº. 77-89

PAGE 6 of 7

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB Nº.	SAMPLE Nº. (NMBR)		Ag	Pb	Zn					COMMENTS
201	77313499		1.5	21	265					
2	500		1.2	14	250					
3	502		1.6	16	1760					
4	503		1.8	23	480					
5	504		1.2	40	640					
6	505		1.0	45	365					
7	506		0.4	10	250					
8	507		0.3	15	155					
9	508		0.8	19	470					
210	509		0.8	10	250					
1	510		0.3	7	760					
2	511		0.6	10	970					
3	512		0.8	16	295					
4	513		1.1	13	240					
5	514		1.2	18	575					
6	515		0.4	7	255					
7	516		0.9	14	325					
8	~~STD 3~~		~~ND~~	~~7~~	~~54~~					
9	517		0.8	8	175					
220	518		0.6	9	205					
1	77313519		0.4	9	580					
2	77313601		1.2	15	215					
3	602		1.6	15	650					
4	77313603		1.4	15	130					
~~5~~	~~BLANK~~		~~ND~~	~~ND~~	~~ND~~					
6	~~77312659~~		~~0.5~~	~~14~~	~~1220~~					
7	~~72~~		~~3.1~~	~~11~~	~~190~~					
8	~~77312687~~		~~0.5~~	~~16~~	~~225~~					
9	~~77312701~~		~~1.2~~	~~29~~	~~160~~					
230	~~14~~		~~1.2~~	~~4~~	~~60~~					
1	~~30~~		~~1.9~~	~~18~~	~~740~~					
2	~~46~~		~~0.7~~	~~18~~	~~380~~					
3	~~62~~		~~3.5~~	~~60~~	~~1130~~					
4	~~76~~		~~1.1~~	~~9~~	~~490~~					
5	~~77312793~~		~~1.1~~	~~20~~	~~385~~					
6	~~77312804~~		~~1.9~~	~~11~~	~~265~~					
7	~~77312824~~		~~2.4~~	~~16~~	~~105~~					
8	~~77313498~~		~~1.2~~	~~22~~	~~400~~					
9	~~77313510~~		~~0.4~~	~~1~~	~~790~~					
240	~~77313602~~		~~1.5~~	~~14~~	~~670~~					

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PAGE 7 of 7

RIVER 2
RIVER 1
CAMP
DISCOVERY TRENCH
437000 E.
438000 E.
439000 E.
440000 E.
6954000 N.
6955000 N.
6956000 N.
6957000 N.
6958000 N.
6959000 N.

LEGEND

CRETACEOUS INTRUSIVES

4 QUARTZ MONZONITE : Variably porphyritic with subhedral to anhedral quartz, euhedral potassium feldspar, and less commonly subhedral phlogopite; in places contact phase distorted hornfelsic siltstones and mudstones

DEVONO MISSISSIPPIAN

3 CANOL FORMATION : Black mudstones with well developed axial plane cleavage commonly obscuring bedding
(a) lithic wackes, lithic granule conglomerates, and polymictic lithic conglomerates

LOWER ORDOVICIAN - MIDDLE DEVONIAN ROAD RIVER FORMATION

2 SILICEOUS MUDSTONE UNIT : Black siliceous mudstones, well bedded with some banding and microfaulting
(a) silvery weathering black mudstones locally graptolitic

1 WISPY MARKER UNIT : Grey mudstones with sporadic darker grey wisps
(a) pyritic grey to grey - green tuffs, locally banded and /or wispy; in places calcareous and /or dolomitic; locally lithic
(b) limestones interbedded with lesser dolostones, locally boudinaged
(c) limestone sedimentary breccias

◌	Outcrop
⊕	Float
T	Barren travertine
▨	Travertine, Zn Bearing
Zn; Pb; T; Ba	Zinc; Lead Reaction; travertine, Barite
F	Fossil Locality
≍	Trench
-□- -○-	Claim post located, unlocated
—— ——	Geological Contact (Inferred)
∿∿ ∿∿ ∿∿ ∿∿	Fault (definite, approximate, assumed)
┼, ┼	Syncline, Anticline
90° ⊥, 90° ⊥	Strike and dip of bedding, clevage
90° →	Strike and dip of Axial Plane (minor fold)
▲	Recent ground water cemented Breccia

2
1

N.T.S

SCALE 1:5000

FEET 500 250 0 500 1000 1500 FEET

METRES 100 50 0 100 200 300 400 METRES

CONTOUR INTERVAL 20 METRES

RIO TINTO CANADIAN EXPLORATION LIMITED

ITZI OPTION

GEOLOGY

SEPT. 1977 | J.L.H./y.m. | DWG. G.- 8440-1

434000 E
435000 E
436000 E
6954000 N
6955000 N
6956000 N
6957000 N
6958000 N
6959000 N
ROOT RIVER
MURKWOOD CREEK
PERSEPHONE CREEK
RIVER 24
RIVER 23
RIVER 22
RIVER 21
RIVER 20
RIVER 19
RIVER 18
RIVER 17
RIVER 16
RIVER 15
RIVER 14
RIVER 13
RIVER 12
RIVER 11
RIVER 10
RIVER 9
RIVER 8
RIVER 7
RIVER 6
RIVER 5
RIVER 4
RIVER 3
RIVER 2
RIVER 1
PRE 23
PRE 24
VOST 1
VOST 2
VOST 3
VOST 4
VOST 5
VOST 6
VOST 7
VOST 8
VOST 9
VOST 10
VOST 11
VOST 12
VOST 13
VOST 14
VOST 15
VOST 16
VOST 17
VOST 18
VOST 19
VOST 20
VOST 21
VOST 22
VOST 23
VOST 24
ITSI 13
ITSI 14
ITSI 15
ITSI 16
ITSI 18
ITSI 27
ITSI 28
ITSI 29
ITSI 30
ITSI 31
ITSI 32
ITSI 43
ITSI 44
ITSI 45
ITSI 46
ITSI 47
ITSI 48
1300
1400
1500
1600
1700
1254
1256
1262
1327
1337
1352
1402
1448
1449
1786
1854
Zn
F
1
2
3
4

LEGEND

CRETACEOUS INTRUSIVES

4 QUARTZ MONZONITE : Variably porphyritic with subhedral to anhedral quartz, euhedral potassium feldspar, and less commonly subhedral phlogopite; in places contact phase distorted hornfelsic siltstones and mudstones

DEVONO MISSISSIPPIAN

3 CANOL FORMATION : Black mudstones with well developed axial plane cleavage commonly obscuring bedding
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(a) pyritic grey to grey - green tuffs, locally banded and /or wispy; in places calcareous and /or dolomitic; locally lithic
(b) limestones interbedded with lesser dolostones, locally boudinaged
(c) limestone sedimentary breccias

Outcrop
⊕ Float
T Barren travertine
Travertine, Zn Bearing
Zn; Pb; T; Ba Zinc, Lead Reaction; travertine, Barite
F Fossil Locality
Trench

Claim post located, unlocated
Geological Contact (Inferred)
Fault (definite, approximate, assumed)
Syncline, Anticline
90° 90° Strike and dip of bedding, clevage
90° Strike and dip of Axial Plane (minor fold)
▲ Recent ground water cemented Breccia

2
1

N.T.S

SCALE 1:5000

FEET 500 250 0 500 1000 1500 FEET

METRES 100 50 0 100 200 300 400 METRES

CONTOUR INTERVAL 20 METRES

RIO TINTO CANADIAN EXPLORATION LIMITED

ITZI OPTION

GEOLOGY

SEPT. 1977 | J.L.H. /y.m. | DWG. G.- 8440- 2

437000 E.
438000 E.
439000 E.
440000 E.
6954000 N.
6955000 N.
6956000 N.
6957000 N.
6958000 N.
6959000 N.
1300
1500
1600
1700
1800
x 1272
1271
x 1270
x 1264
1360
x 1296
x 1307
x 1336
x 1359
x 1338
x 1346
x 1345
x 1333
x 1330
x 1338
x 1328
x 1310
x 1413
x 1364
x 1364
x 1388
1587
1836
1976
1758
1792
1787
1743
1422
1812
x 1426
1404
1430
1779 x
1669
1366
1745
1346
x 1779

Z

├ 313173 Soil Sampling Location Number

● 313517 Stream Sampling Location Number

Note All location numbers are proceeded by 77

2
1

N. T. S

SCALE 1: 5000

FEET 500 250 0 500 1000 1500 FEET

METRES 100 50 0 100 200 300 400 METRES

CONTOUR INTERVAL 20 METRES

RIO TINTO CANADIAN EXPLORATION LIMITED

ITZI OPTION

SOIL and STREAM SEDIMENT
SAMPLE LOCATION MAP
SHEET 1

NOV. 1977 J.H./a.b. DWG. L-7478-1

434000 E.
435000 E.
436000 E.
6954000 N.
6955000 N.
6956000 N.
6957000 N.
6958000 N.
6959000 N.
1300
1500
1600
1700
1800
1648
1631
1623
1651
1352
1449
1402
1804
1800
1658
1789
1832
1327
1337
1256
1254
1262
1639
1786
1854
1844
1700

312370 Soil Sampling Location Number

311516 Stream Sampling Location Number

Note All location numbers are proceeded by 77

N.T.S

SCALE 1:5000

FEET 500 250 0 500 1000 1500 FEET

METRES 100 50 0 100 200 300 400 METRES

CONTOUR INTERVAL 20 METRES

2
1

RIO TINTO CANADIAN EXPLORATION LIMITED

ITZI OPTION

SOIL and STREAM SEDIMENT
SAMPLE LOCATION MAP
SHEET 2

NOV. 1977 | J.H./a.b. | DWG. L-7478-2

437000 E.
438000 E.
439000 E.
440000 E.
6954000 N.
6955000 N.
6956000 N.
6957000 N.
6958000 N.
6959000 N.
1300
1400
1500
1600
1700
1800
x 1271
x 1272
x 1270
x 1264
x 1296
x 1307
x 1336
x 1338
x 1359
x 1346
x 1345
x 1333
x 1338
x 1310
x 1328
x 1364
x 1388
x 1426
x 1430
x 1669
x 1745
x 1758
x 1792
x 1836
x 1876
x 1743
x 1812
x 1779
x 1779
1422
1404
1366
1346

+ 230/10 Soil Sampling Results in p.p.m. Zn/Pb

● 400/11 Stream Sampling Results in p.p.m. Zn/Pb

2
▨ 1

N.T.S

SCALE 1:5000

FEET 500 250 0 500 1000 1500 FEET

METRES 100 50 0 100 200 300 400 METRES

CONTOUR INTERVAL 20 METRES

RIO TINTO CANADIAN EXPLORATION LIMITED

ITZI OPTION

SOIL and STREAM SEDIMENT Zn/Pb RESULTS in ppm

SHEET 1

NOV. 1977 | J.H./a.b. | DWG. G -7479-1

434000 E
435000 E
436000 E
6954000 N
6955000 N
6957000 N
6958000 N
6959000 N
1300
1400
1500
1600
1700
1800
1648
1352
1449
1631
1651
1402
1804
1658
1327
1337
1789
1832
1256
1639
1254
1844
1786
1262

112/30 Soil Sampling Results in p p m Zn / Pb

3000/13 Stream Sampling Results in p p m Zn / Pb

2
1

N. T. S

SCALE 1:5000

FEET 500 250 0 500 1000 1500 FEET

METRES 100 50 0 100 200 300 400 METRES

CONTOUR INTERVAL 20 METRES

RIO TINTO CANADIAN EXPLORATION LIMITED

ITZI OPTION

SOIL and STREAM SEDIMENT Zn/Pb RESULTS in ppm

SHEET 2

NOV. 1977 | J. H. / a. b. | DWG. G -7479-2

437000 E.
438000 E.
439000 E.
440000 E.
6954000 N.
6955000 N.
6956000 N.
6957000 N.
6958000 N.
6959000 N.
1300
1500
1600
1700
1836
1876
1758
1790
1743
1812
1779
1669
1745
1587
1422
1404
1366
1346
1430
1426
1413
1384
1364
1388
1336
1338
1359
1346
1345
1333
1330
1338
1328
1310
1296
1307
1270
1264
1272
1271
1360

0.3 Soil Sampling Results in p.p.m. Ag

1 2 Stream Sampling Results in p.p.m Ag

2
1

N.T.S

SCALE 1:5000

FEET 500 250 0 500 1000 1500 FEET

METRES 100 50 0 100 200 300 400 METRES

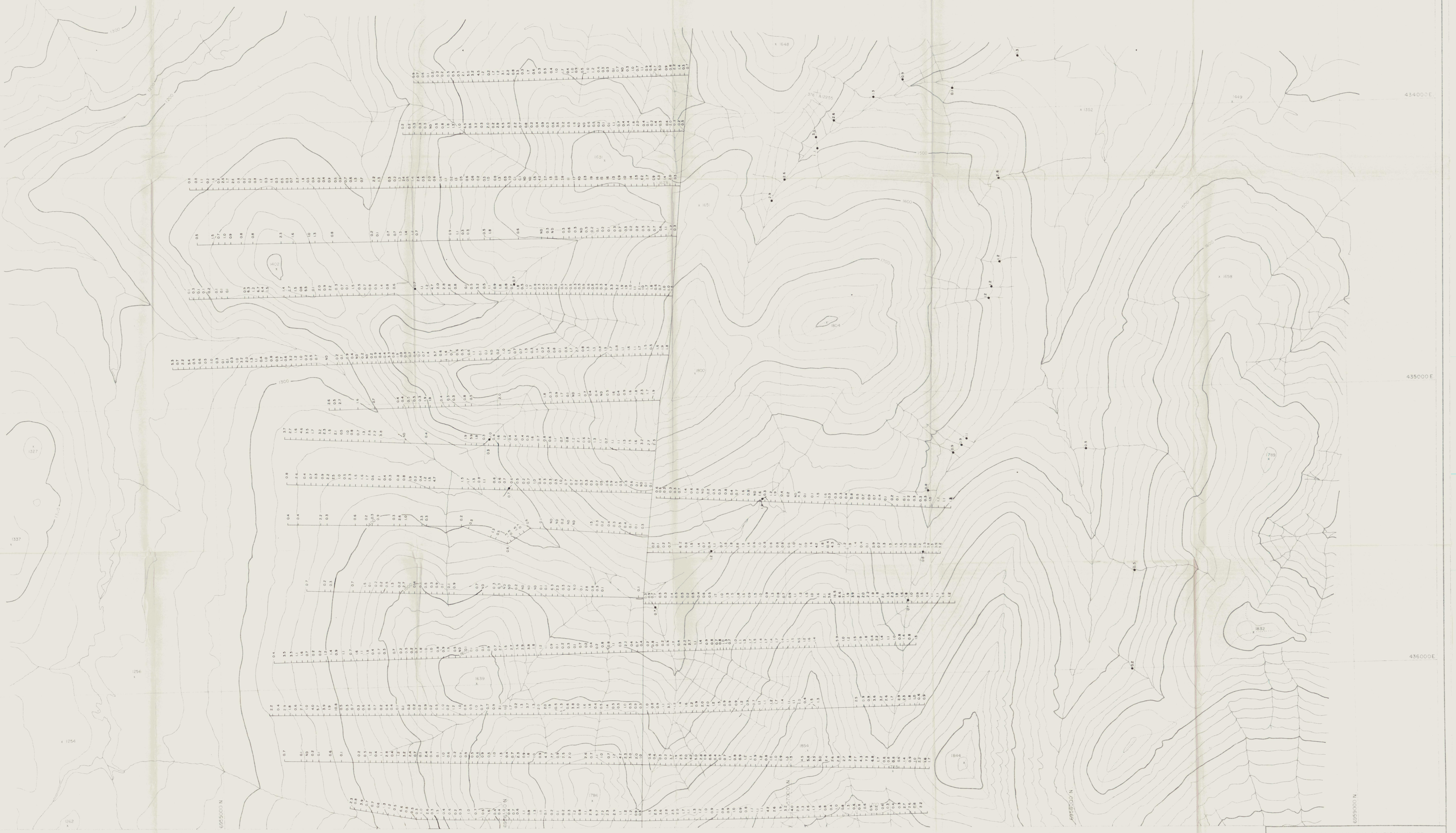
CONTOUR INTERVAL 20 METRES

RIO TINTO CANADIAN EXPLORATION LIMITED

ITZI OPTION

SOIL and STREAM SEDIMENT
Ag RESULTS in ppm
SHEET 1

NOV. 1977 | J. H./a.b. | DWG. G -7480-1


434000 E
435000 E
436000 E
6954000 N
6955000 N
6956000 N
6957000 N
6958000 N
6959000 N
1646
1651
1804
1639
1854
1844
1832
1786
1262

Soil Sampling Results in p.p.m. Ag

Stream Sampling Results in p.p.m. Ag

2
1

N.T.S.

SCALE 1:5000

FEET 500 250 0 500 1000 1500 FEET

METRES 100 50 0 100 200 300 400 METRES

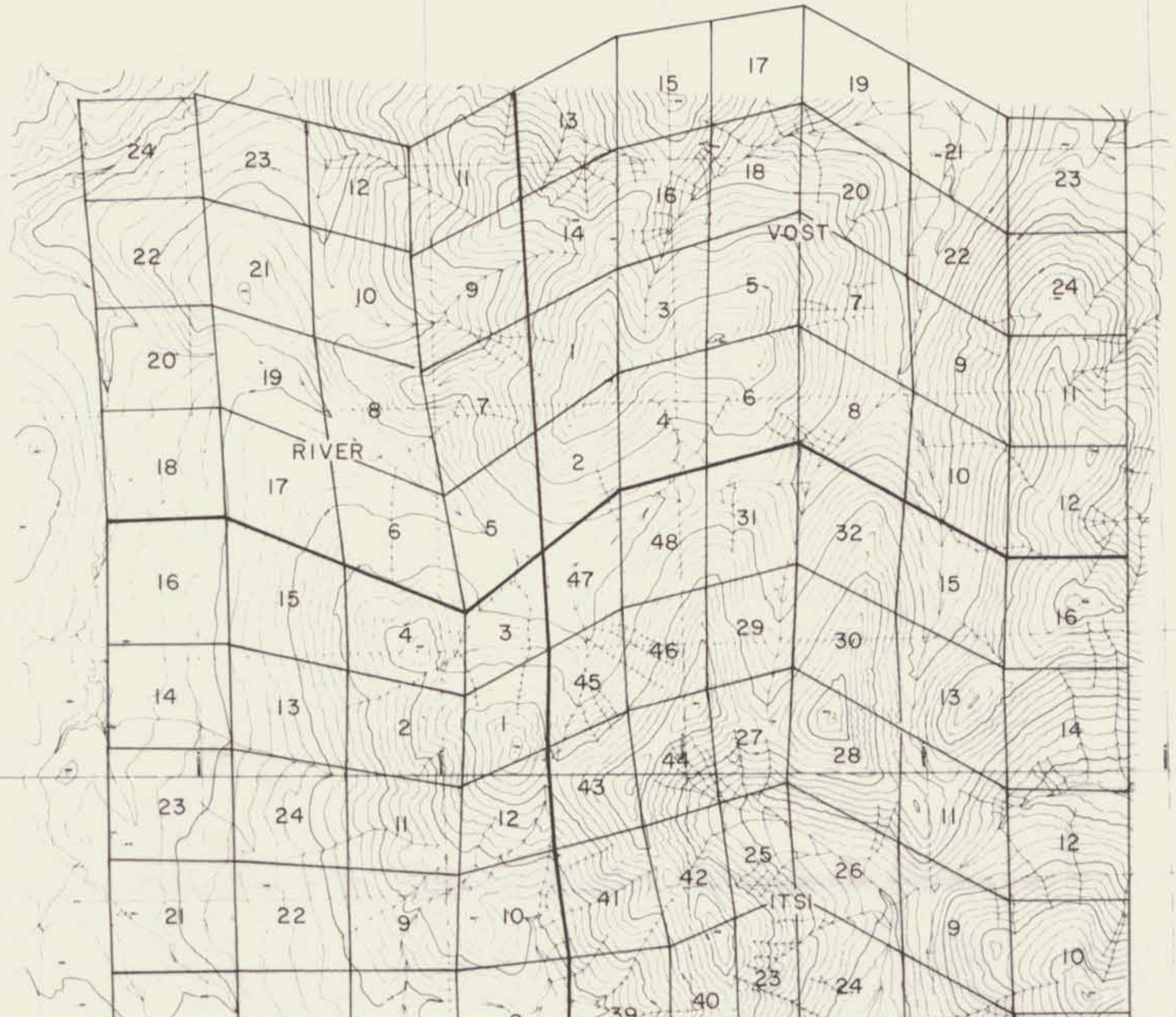
CONTOUR INTERVAL 20 METRES

RIO TINTO CANADIAN EXPLORATION LIMITED

ITZI OPTION

SOIL and STREAM SEDIMENT Ag RESULTS in ppm
SHEET 2

NOV. 1977 | J.H./a.b. | DWG. G -7480-2


15
17
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21
23
20
22
21
10
9
14
VOST
22
24
20
19
8
7
1
3
5
7
9
11
18
RIVER
17
2
4
6
8
10
12
6
5
48
31
32
16
15
47
15
16
4
3
29
30
46
14
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45
13
14
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24
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12
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42
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41
ITSI
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39
40
23
24
7
8
PRE
17
18
5
6
37
38
21
22
5
6
15
16
3
4
35
36
19
20
3
4
13
14
1
2
33
34
17
18
1
2

SCALE 1:25000

Metres 500 0 500 1000 1500 Metres

RIO TINTO CANADIAN EXPLORATION LIMITED

ITSI OPTION

CLAIM MAP

NOV. 1977	L.H./a.b.	DWG. C-6484