2.27190

ASSESMENT WORK REPORT
of work done on

PIPESTONE WEST AREA

RED LAKE MINING DIVISION, NW ONTARIO

for

REDSTAR GOLD CORPORATION

Prepared By
Bob Singh
Rob Falls
Redstar Gold Corporation

December 2003

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1.0 Introduction and Terms of Reference

During the Summer of 2003, Redstar Gold Corporation undertook a property mapping and sampling program on certain properties on the western side of Pipestone Bay in Red Lake, ON. The properties consist of the Biron Bay Property, and portions of the Pipestone North and Pipstone South Properties collectively referred to as the Pipestone West Properties ("The Property") (Figure 1). The following table summarizes each property:

Table 1. Property description

Property	Type	Size	Description
Biron Bay	Patented mining claims	33 patented claims totaling 666.7 Ha	Acquired in 2003 from Biron Bay Resources, and included in an underlying option agreement with Rubicon Minerals Corporation. This report covers the west side of Pipestone Bay (23 claims)
Pipestone North	Unpatented Mining Claims	9 unpatended claims totaling 575.20 Ha.	Acquired from Rubicon Minerals Corporation in 2002. This property includes three claims staked by Redstar Gold Corporation in 2003. This report covers CLAIM # KRL1239679 (Figure 2)
Pipestone South	Unpatented Mining Claims	15 unpatended claims totaling 954 Ha.	Acquired from Rubicon Minerals Corporation in 2002. This report covers claim numbers: KRL1239677, and KRL1239678 (Figure 2)

(See figure 2 for claim map)
See Appendix I & II for property agreements.

The property is accessed via the Pine Ridge Road & McIntosh Roads as well as by boat through Pipestone Bay of Red Lake. (Figure 1) An access trail was established by, Redstar, from the McIntosh road to facilitate mechanical stripping and sampling during July 2003.

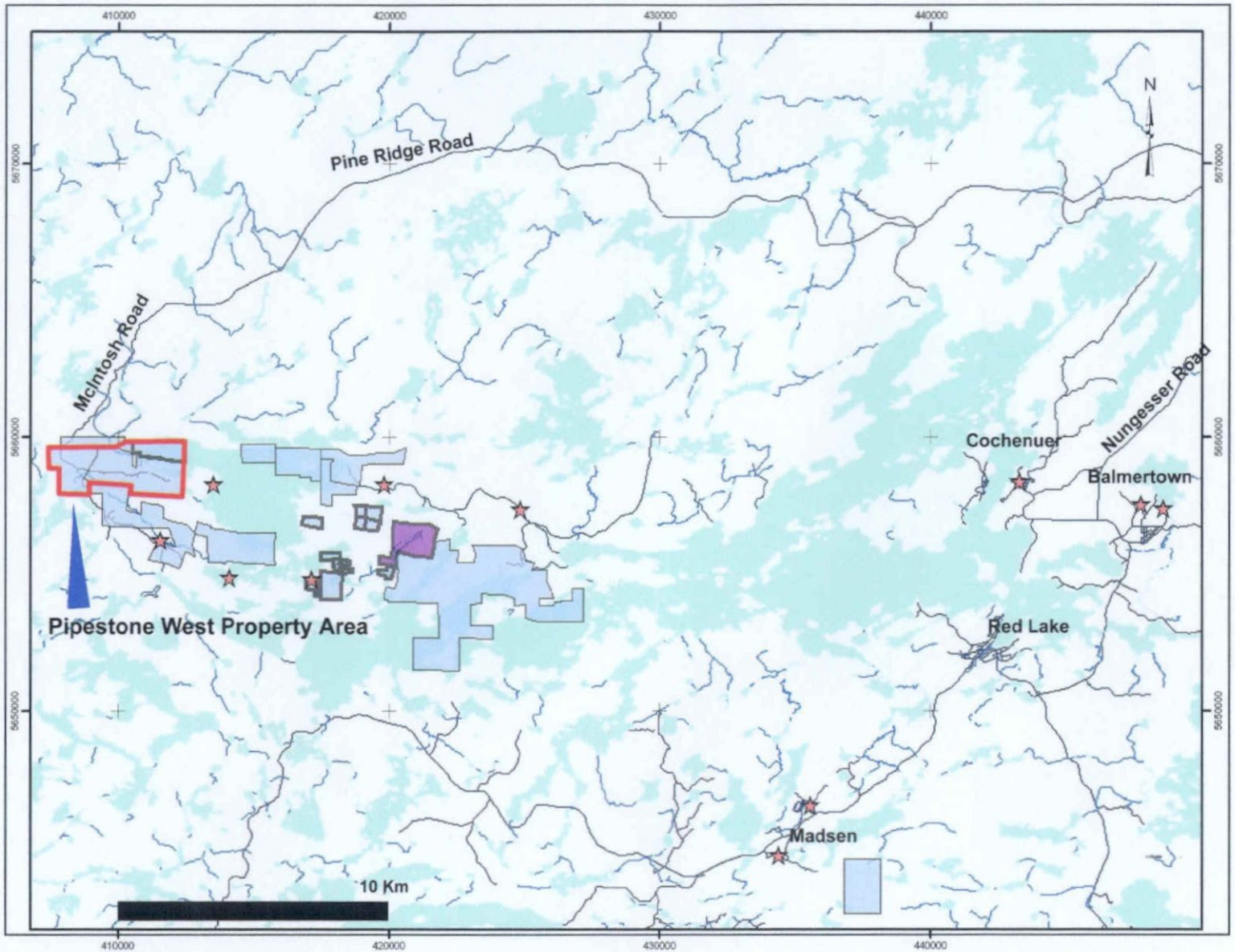

Figure 1. Property Location Map

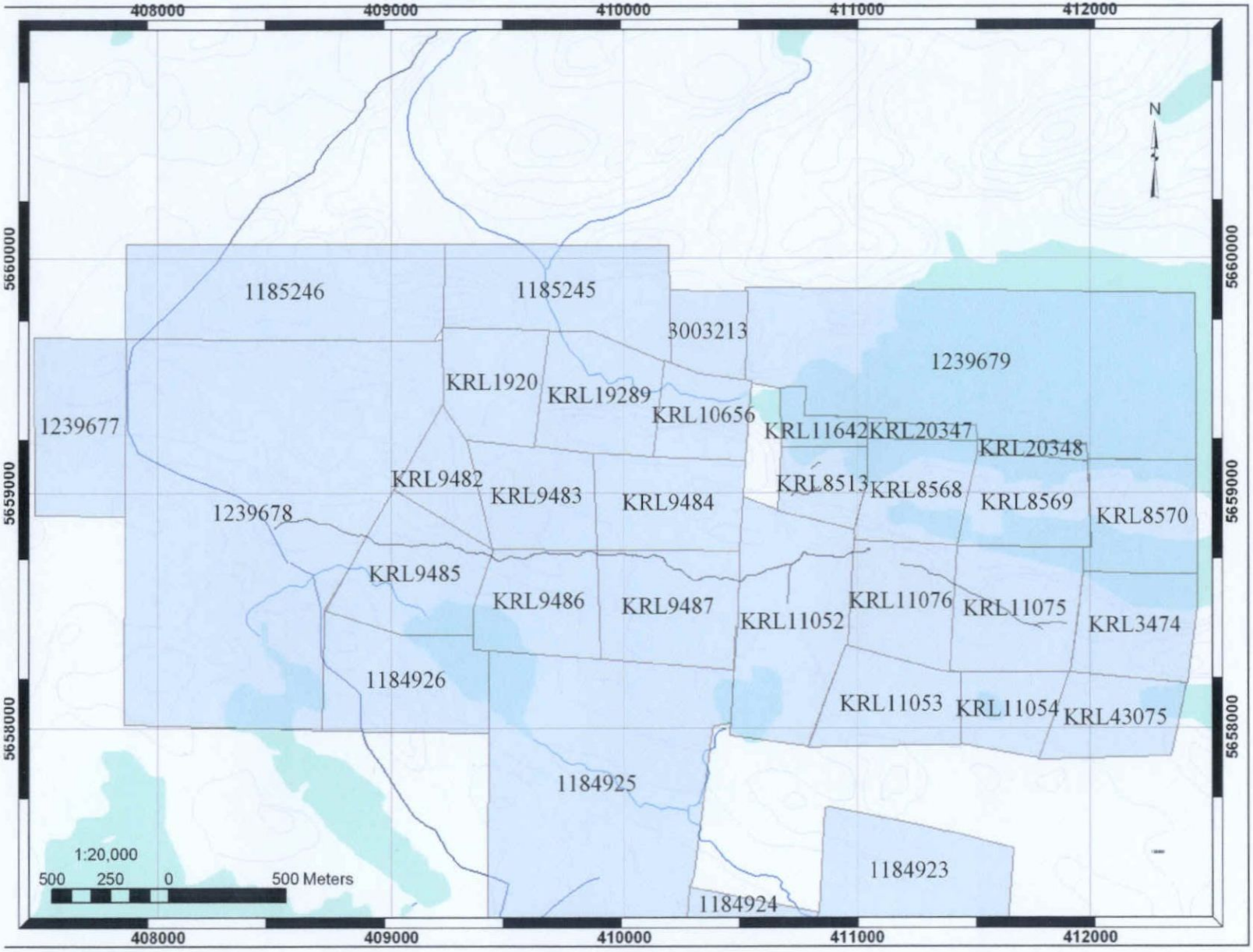

Figure 2. Claim Map

Between June 1, 2003 and September 15, 2003 A total of 92 man-days were spent on the property collecting geological samples, grid cutting, and mapping. The property was mapped by Geologists Rob Falls, Mike Allen, Bob Singh, Chris Lee of SRK consultants and prospector Mark Ralph. Line cutting was contracted to Top-Notch exploration in Red Lake ON.

2.0 PREVIOUS WORK

The property had been prospected during the Red Lake Gold Rush during the 1920's and 1930's. A number of shallow pits and trenches were excavated, however no significant gold deposits were discovered at this time. Since the 1930's the properties have seen limited exploration for gold and base metal mineralization. The Ontario Dept. of Mines has mapped and compiled information on the property area at 1:12000 (1 inch to 1 mile) in 1962. The following table summarizes historical work on the properties:

Table 2. Historical Work

Date	Company	Work
PROPERTY	**Pipestone North, CLAIM KRL1239679**	
2003	Winter	Grid Line cutting and IP survey totaling 6Km
2002 - Summer	Redstar Gold Corporation	Prospecting and sampling, discover of the 991 Showing with significant gold in grab samples (up to 22.7 g/t Au).
2001-2002	Rubicon Minerals Corp.	airborne magnetic survey (continuous sampling along 50 m spaced lines);
Pre-2001	Na	Evidence in the field exists in the form of overgrown shallow pits and trenches. One shallow < 10m, shaft has been located on the claim. The work was most likely completed during the 1950-1970's. No evidence of this work exists in the public domain.
PROPERTY	**Pipestone South, CLAIMS KRL1239677 & 1239678**	
1969	Cochenour Explorations Ltd.	geological mapping and soil sampling (1150 samples); ground EM survey
1966	Cochenour Explorations Ltd.	drilling, 3 holes (111 m)
PROPERTY	**Biron Bay Property (all claims)**	
Unknown	Unknown	Evidence in the field suggest diamond drilling and

		trenching in areas other than stated in public domain data. Saw-cut channel samples have also been found on the property with no known reference in the literature.
1971	Biron Bay Gold Mines Ltd.	Geophysics, EM surveys (7 miles)
1958	Biron Bay Gold Mines	Diamond Drilling , one hole (314 feet)
1946	Biron Bay Gold Mines Ltd.	Geology summary, sampling of old pits and trenches, (total number of samples not reported)
1945	Ontario Dept. Mines	Geological Mapping and report.

3.0 PHYSIOGRAPHY

Physiography and topography are typical of glaciated Precambrian areas. Dominant landforms are rounded rocky ridges and hills, interspersed with low ground. The hills and ridges are generally elongated parallel to the strike direction of the underlying bedrock. The property has a fairly steep northern slope into Biron Bay, with elevation changes of 40m over a distance of 150m. Vegitation on the property consists mostly primary forest.

4.0 REGIONAL GEOLOGY

4.1 Stratigraphy

The Red Lake gold camp is situated in the Red Lake greenstone belt, an accumulation of Archean-age metavolcanic, metasedimentary and intrusive rocks comprising a portion of the Uchi Province of the Canadian Precambrian Shield. (Figure 3.)

The Red Lake district is underlain by Mesoarchean rocks that have been subdivided into three assemblages (Sandborn-Barrie *et al.*, 1999): Balmer, Ball and Bruce Channel. Neoarchean strata of the 2.75-2.73 Ga. Confederation assemblage overlie these older assemblages. The contact between Balmer and Confederation, exposed in a number of localities, thus represents a 200 Ma time span. Both Meso- and Neoarchean sequences are intruded by diorite to granodiorite stocks such as the Dome stock which has been dated at 2718 +/- 1 Ma.

Balmer assemblage rocks host all of the major gold mines in the camp but it is important to note that 1.6 M. ounces of gold has been extracted from intrusive hosted deposits. The Balmer assemblage consists of mafic to ultramafic flows (including komatiites) and intrusives, minor felsic and interflow sedimentary rock types. Age dates

from Balmer assemblage felsic rocks range from 2992 to 2964 Ma. (Corfu and Andrews, 1987).

Ball assemblage rocks underlie much of the western part of the district and consist of ultramafic to mafic flows, intermediate volcaniclastics and massive to spherulitic rhyolites. Chemical sedimentary rocks (iron formations) also characterize Ball assemblage rocks and include stromatolites (Hofmann *et al.*, 1985). The latter are bracketed by felsic rocks that are dated between 2940 Ma and 2925 Ma. Unlike the Balmer assemblage, the Ball is dominated by Felsic.

Bruce Channel assemblage rocks, as currently defined, are confined to the eastern part of the belt and comprise intermediate volcaniclastics and clastic rocks (2894 +/- 1.5 Ma). A distinctive magnetite bearing iron formation occurs at the top of the assemblage and forms a key marker horizon.

Confederation rocks comprise intermediate to felsic flows, volcaniclastic and metasedimentary rocks. Age dates for this assemblage range from 2748 +/- 15 Ma to 2733 +/- 1Ma.

Granitoid rocks were intruded in three main episodes:

1) The 2734 +/- 2Ma Douglas Lake pluton, the 2731 +/- 3Ma (Little Vermilion Lake batholith) and 2729 +/- 1.5 Ma Red Crest stock.
2) The 2717 +/-2 Ma Hammell Lake pluton, The McKenzie Island stock (2720 +/- 2Ma), the Dome Stock 2718 +/-1Ma, the 2720 +7/-5 Ma Abino granodiorite and late QFP dykes at the Campbell Mine, dated at 2714 +/-4 Ma.
3) Intrusion of the Killala Kspar megacrystic Killala-Baird granodiorite at 2704 +/- 1.5 Ma, the 2699 Walsh Lake pluton and a 2699 +-4Ma dyke at the Madsen Mine.

4.2 Regional Structure

At least two major deformation events have affected the rocks of the belt resulting in the generation of type 2 interference fold structures on all scales. Overall strain in the belt is low, however, local high strain zones do occur, typically in areas of strong alteration with locally associated gold mineralization. Previous workers identified five major shear or deformation zones within which major gold deposits of the camp occur. Recent work (Sandborn-Barrie *et al., op. cit)* has questioned the validity and usefulness of the deformation zone concept in the camp.

4.3 Metamorphism

Supracrustal rocks in the area have been regionally metamorphosed to greenschist facies with higher-grade contact metamorphic aureoles around the major felsic intrusions. No

genetic or spatial relationship between regional metamorphic facies and gold deposition has been established.

4.4 Hydrothermal Alteration

A pervasive and often intense carbonate hydrothermal alteration event is superimposed on the deformation zones and appears to have had its greatest affect on mafic and ultramafic rocks. Primary minerals of the altered rocks have been converted to quartz, carbonate, epidote, plagioclase, chlorite and sericite (fuchsite and talc in the ultramafics).

4.5 Red Lake Gold Deposits

Gold occurs in the free state or with pyrite, pyrrhotite and arsenopyrite and lesser amounts of magnetite, chalcopyrite, sphalerite, galena and sulph-arsenides in quartz-ankerite and/or 'cherty' quartz veins, stockworks, lenses, stringers and silicified zones. In rare instances, scheelite is reported (Ferguson, 1966).

Silicification and carbonatization, together with very anomalous K-enrichment and Na + Ca (minor Mg)-depletion, occur in the alteration aureoles surrounding ore zones (Andrews and Wallace, op. cit.). One important aspect, particularly with respect to exploration, is the presence of geochemically elevated Au and As in the alteration aureoles (Durocher, 1983).

Andrews and Wallace (1983) point out that most of the productive areas of the Red Lake camp are underlain by tholeiitic to komatiitic mafic and ultramafic volcanics, and that past and present production zones occur within highly altered metavolcanics at or near the stratigraphic top of the Balmer sequence.

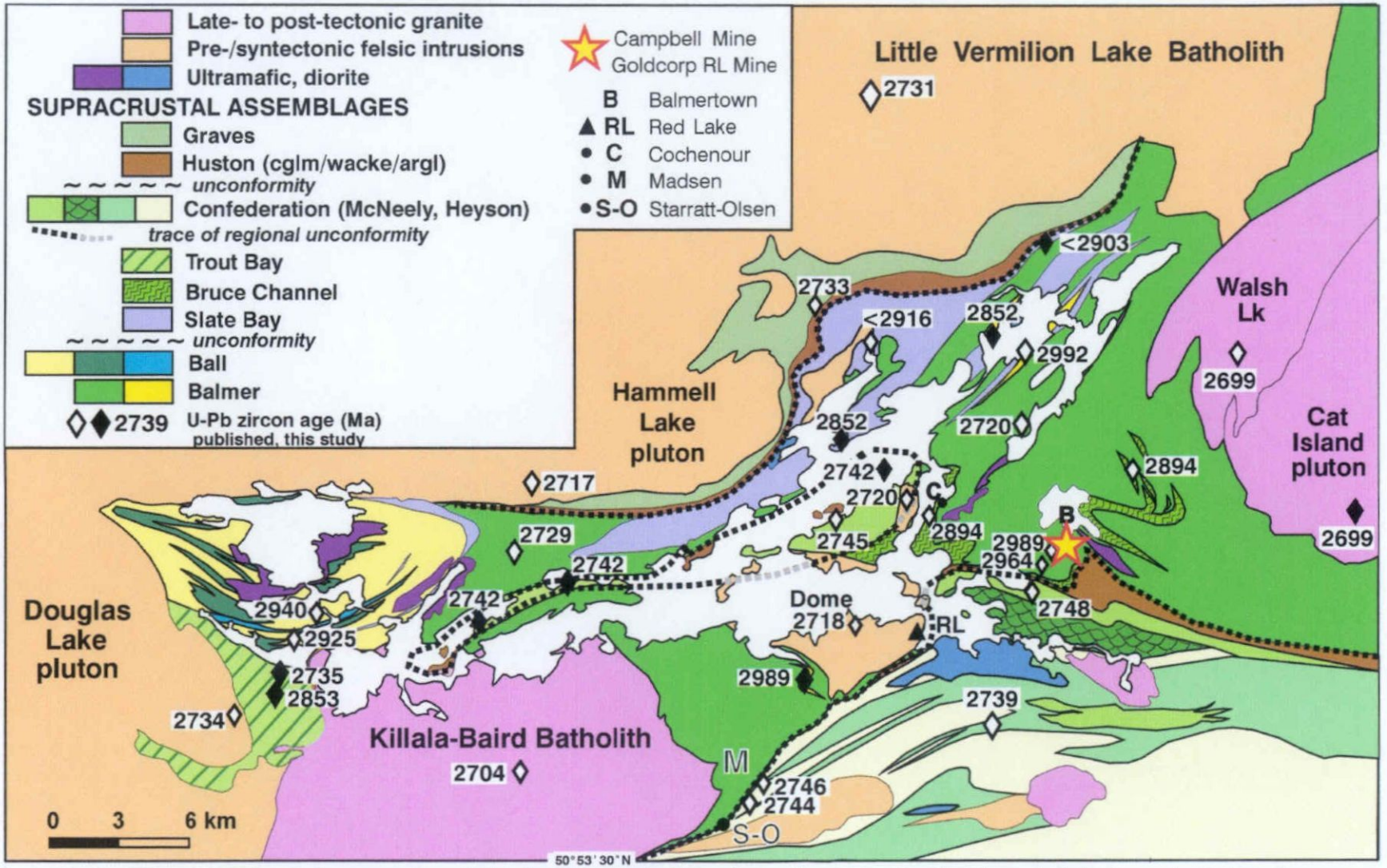

Figure 3. Geology of the Red Lake greenstone belt, showing critical age determinations of volcanic and plutonic rocks (M. Sanborn-Barrie and T. Skulski, GSC, western Superior NATMAP program1997-2002).

5.0 Property Geology

5.1 Introduction

In July 2003, shortly after Redstar acquired the Property, an exploration plan was established to create a geological map of the property at 1:2000 scale. The property was also prospected and sampled. The goal of this program was to locate historical gold showings and find new mineralization. 28 line Km of grid were cut on the property to facilitate geological mapping and sampling. The grid was cut at 100m line spacing over the eastern portion of the property and 200m line spacing on the western portion. An existing grid cut by Redstar in the winter of 2003 was used to map claim KRL1239679. (Figure 4).

In addition to Geological mapping, Chris Lee of SRK consultants in Vancouver, was contracted to create a structural interpretation of the property by analyzing aero-magnetic data and field relationships. Mr. Lee spent a total of 5 days creating a detailed structural interpretation of the property.

A large scale mechanical stripping and sampling program was initiated during this phase of mapping (see Redstar assessment report, 2003 for details on this program)

To date, the results of this phase of work have been very encouraging. The work led to the discovery of several new showings as well as favorable geology for discovering more mineralization. Geological mapping was very detailed and has provided Redstar with a good understanding of the regional setting in the area as well as created drill targets for a winter 2004 drill program.

5.2 Geology

The property area is underlain primarily by quartz and feldspar crystal tuffs and/or flows, Mafic volcanics and lesser ultramafic volcanic rocks. (Figure 5). Foliation and strike of units is generally NW oriented to E-W in some areas. The units tend to be folded with fold axis plunging north to north-westerly (Lee, 2003) , iron formation units tend to show more chaotic folding and generally do not reflect the regional trend. On the outcrop scale, two penetrative fabrics have been identified (S1 and S2), with the S1 fabric being the most dominant. Due the the tight isoclinal nature of the F1 folds and subsequent transposition of this fabric into the S2 direction, the S1 and S2 fabrics are sub-parallel and often difficult to distinguish. Structurally, the property area lies with a single structural domain, that is the rocks have been affected by the same regional events. Geologically, the property can be sub-divided into four areas based upon the occurrence of rock units.(Table 3). Area 1 located west of Line 0600E and south of 9600N is underlain primarily by crystal bearing (quartz and feldspar) Felsic rocks with minor mafic

and iron formation units. Area 2, located east of Line 0600E and south of BL8600N is underlain primarily by apheric Felsic units with mafic and minor iron formation units. And minor ultramafic units. Area3, located north of BL8600N, east of 0900E and south of 9600N is underlain primarily by fine grained apheric Felsic and coarse grained mafic units with very minor iron formations. Area4, located at the northern end of the property north of 9600N, consists primarily of Felsic volcanic rocks and ultramafic rocks. (Figure 5)

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Area1: This area comprises much of the western portion of the property area. Rocks in this area are dominantly quartz and feldspar (QF) bearing crystal tuffs and intrusive rocks. In outcrop, it is often difficult to distinguish between tuff, flow and intrusive units as the tuffaceous units do not contain lithic fragments. In some areas such as L9800E, 8200N on Figure 5, a contact relationship has been clearly observed between tuff and intrusive units. Interbedded within the QF units are a series of iron formations. The iron formations tend to have folded contacts with the QF units and are internally folded. At times the units are chaotically folded (Figure 6). Three distinct "limbs" of iron formation are noted crossing this domain. Minor mafic units, generally fine to medium grained intrusives have been observed in contact with Felsic and iron formation units. The mafics tend to be intrusive in nature with many being sills or dykes. One possible mafic flow units is noted at L9200E, 8200N (Figure 5).

Area2: This area comprises much of the eastern portion of the property area. Rocks in this area are dominantly apheric- biotitic Felsic tuffs and/ or flows and instrusives. The overall absence of QF bearing felsic units is remarkable in this area, suggesting a Felsic volcanic center further to the west. Minor amounts of Iron formation are interbedded with the Felsic units as well as occasional coarse QFP dykes and sills and mafic dykes and sills.

Area3: This area comprises much of the northern portion of the property area. Rocks in this area are dominantly apheric – biotitic Felsic and instrusive mafic rocks. The overall percentage of mafic rocks is significantly higher in this domain. Iron formations still occur in this area in minor amounts.

Area4: This area comprises the northern part of the property. This area is underlain by both Felsic volcanic/volcaniclastic rocks and ultramafic rocks. The ultramafic rocks are strongly magnetic, folded and are coincident with aero-magnetic high anomalies. Felsic rocks in the area are generally apheric to weakly feldspar pheric. In areas of mineralization, the Felsic rocks tend to be brecciated. (Figure 5.)

Table 3. Rock types

Rock Unit	Description
6b	Felsic Volcanic Undifferentiated: Fine grained generally apheric to weakly feldspar pheric Felsic tuff or flow.
6c	QFP Medium to coarse grained quartz and feldspar bearing Felsic intrusive or

	flow. Quartz eyes range from 1mm up to 4mm in size. Generally very equigranular with subhedral to euhedral crystals.
6t	Felsic Volcanic Fine to coarse grained Felsic volcanic to volcaniclastic unit. Generally appears tuffaceous with subhedral to broken phenocrysts of quartz and feldspar. Rare bedded occurances with fine mm to 10 cm scale beds.
5a	Mafic Volcanics. Fine to medium grained, generally dykes or sills with occasional flow units.
7f	Iron Formation Magnetite to cherty iron formations. Some areas are sulphide replaced with up to 25% pyrite, pyrrhotite and occasional chalcopyrite. Iron formations are chaotically folded and thinly bedded.
10p	Ultramafic Fine to medium grained ultramafic intrusive or flow. Generally serpentinized and strongly magnetic.

Figure 6. Folding in Iron Formations

5.3 Structural Geology

Property Scale structure:

The property area has been influenced by both D1 and D2 regional deformation events (Lee, 2003). The D1 event has a penetrative S1 foliation and is a result of SW directed thrusting creating tight isoclinal folding. D2 has a weak penetrative fabric in the property area and is a result of dextral-oblique thrust re-activation and associated 'z' shaped folding (Lee, 2003). Detailed interpretation of aeromagnetic data collected by Rubicon Minerals Corp. in 2001 has outlined several regional scale thrust faults as interpreted by Lee, 2003. One of these regional structures is located in Biron Bay and is interpreted to be a deep crustal feature (Lee, 2003). (Figure 5). The dominant foliation direction on the property is : 293 / 64 N. (Figure 9)

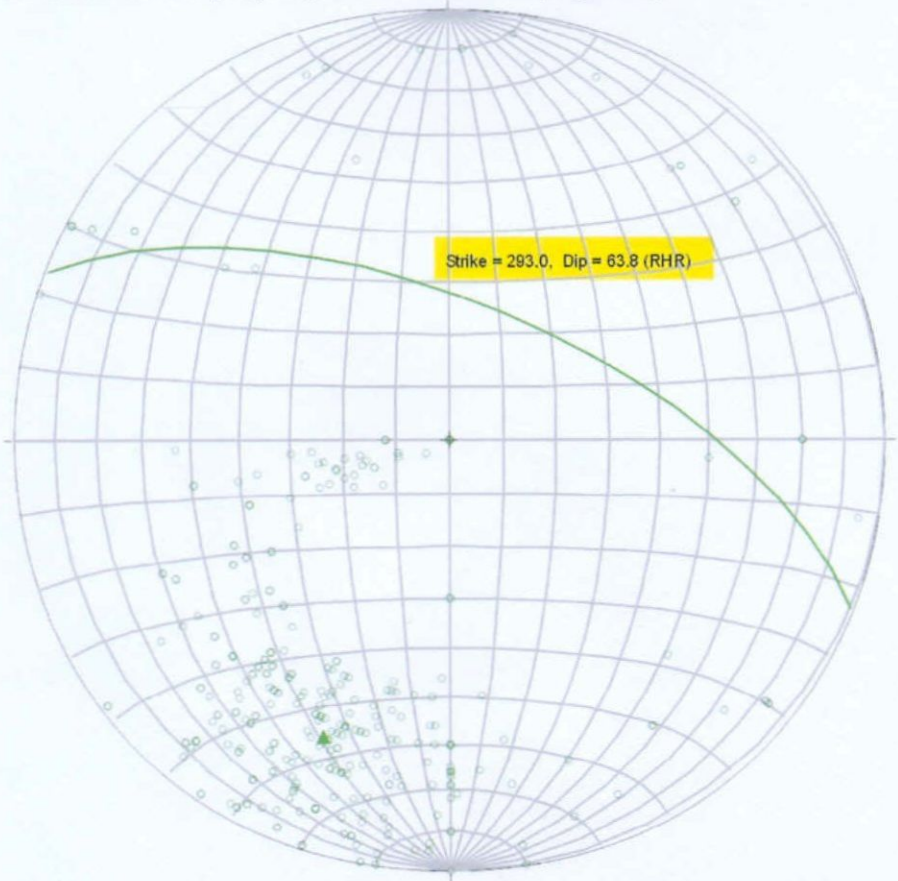

Figure 9. Foliation measurements - Stereonet

Folding in Area 4 , as determined by bedding cleavage relationships is, plunges towards the NW. This fold hinge is sub-parallel to the dominant foliation direction in this area. Opposing bedding cleavage directions at confusion point and the 991 showing indicate a fold closure to the east. (Figure 7).

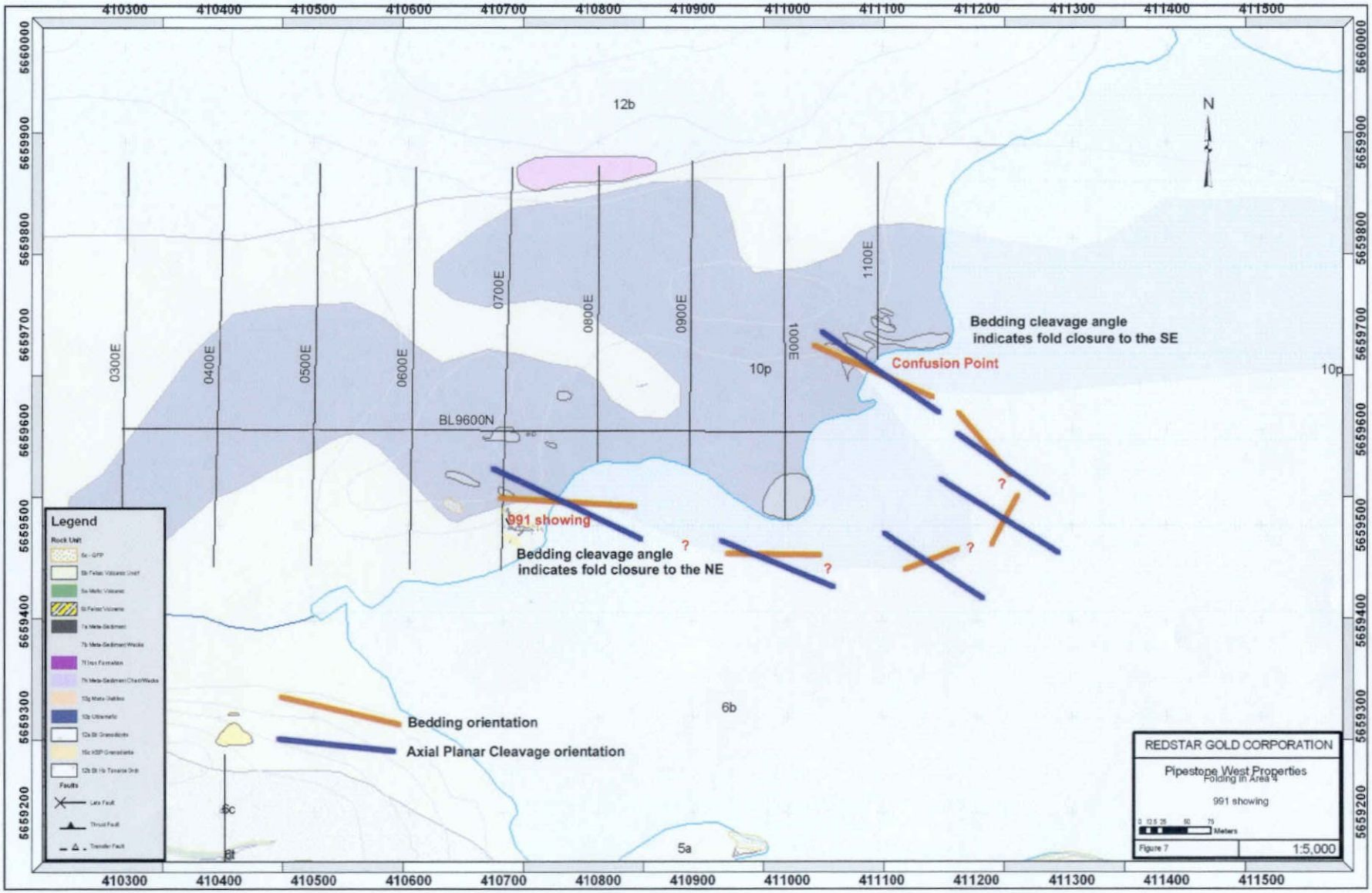

Figure 7. Fold closure at 991 showing (Area 4)

Outcrop scale structure:

Folding and faulting on the outcrop scale can vary greatly from outcrop to outcrop. Faulting is generally observed as minor offsets (2-3cm) in foliation planes. Large-scale faults > 2m offset are rare.

Folding can be highly variable depending upon rocktype with the most common fold styles being isoclinal. Folds are observed in both lithological contacts and foliation fabrics:

Litholigical fold contacts: Folds with amplitude of up to 5m have been observed in outcrop. The contacts tend to be isolcinally folded with fold plunges to the NW (Lee, 2003). A stretch lineation occurs on the foliation plane and is generally plunging 51 degrees towards 328 (Lee, 2003).

Figure 8. "Chevron" style folding in Felsic (light colored bands) and Iron Formation (dark colored bands).

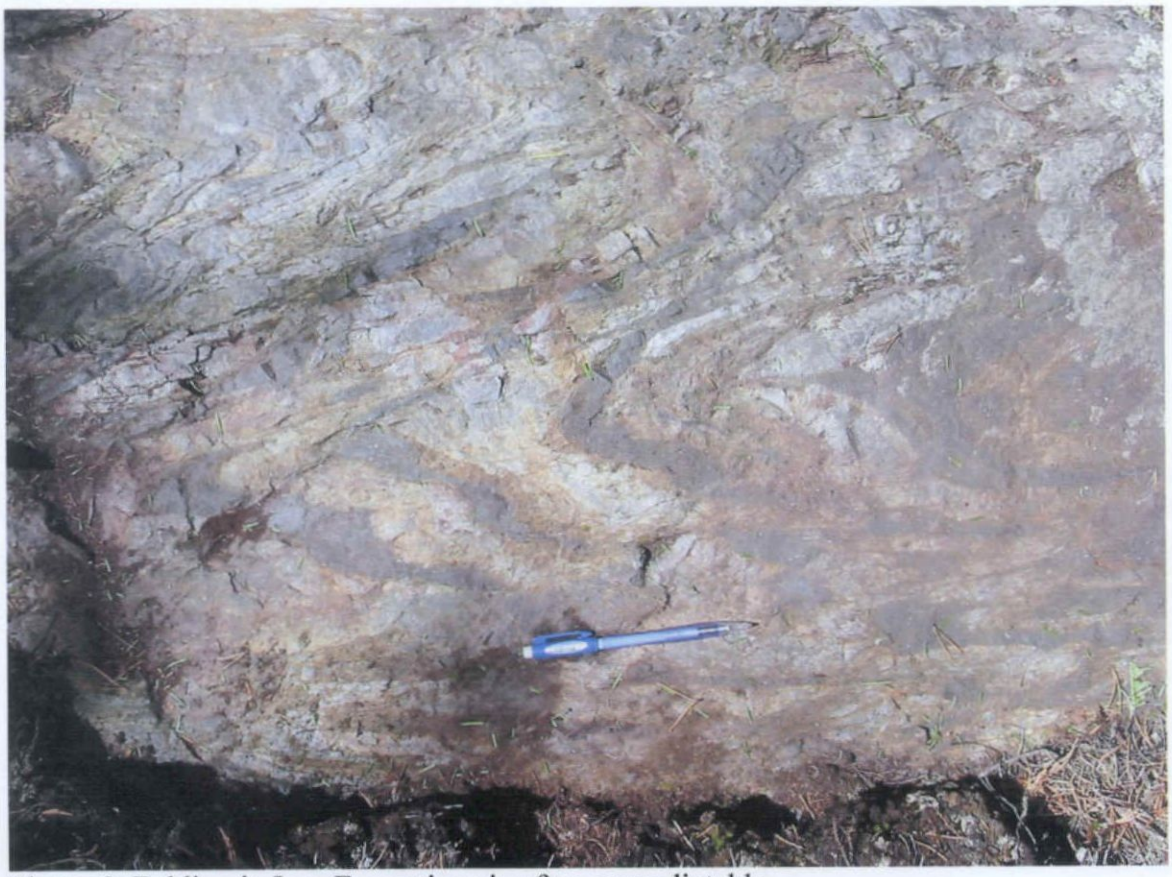

Figure 9. Folding in Iron Formations is often unpredictable

Figure 10 - Photograph of re-folded fold defined by magnetite horizon within felsic volcanic unit.
Two magnetite layers close off in isoclinal fold termination, out of view to the lower right. (Lee, 2003)

Figure 11 - Photograph showing transposed breccia zone with strong iron-oxide staining from main 991 outcrop.

Note minor folding (S2 parallel) along breccia contacts with relatively intact rock. (Lee, 2003)

5.4 Alteration and Mineralization

In general, the rocks show weak to strong regional biotite alteration. Locally, alteration consists of strong silicification, sericite, biotite and chlorite alteration. Mineralization consists of pyrite, pyrrhotite, chalcopyrite, sphalerite, galena, scheelite, native copper and visible gold in quartz veins, sulphidized iron formations and mineralized wall rock at vein margins.

Several new gold showings have been discovered on the property, some of these were found in areas of existing pits and trenches excavated during the Red Lake Gold rush. Table 4 summarizes the characteristic of each showing. (see Figure 12 for sample locations).

Table 4. Showing names

Showing Name	Description
L1	Base metal associated sulphide quartz vein within Felsic volcanic. Values up to 19.25 g/t Au over 0.60m. (Redstar Assessment Report, 2003). The vein is up to 2 meters wide in places and can contain up to 6 % sphalerite, 1-2% chalcopyrite and minor tungsten most likely in the form of Scheelite. The vein is traced for approximately 75m in this showing.
L2	Base metal associated sulphide quartz vein within Felsic volcanics. Values up to 22.10 g/t Au over 0.50m (Redstar Assessment Report, 2003). The vein is up to 2.5m wide and contains up to 1% chalcopyrite, with occasional visible gold. This vein is traced for approximately 50 meters in this showing and is the same vein as the L1 showing.
L3	Sulphide (pyrite) bearing Iron Formation. The zone is up to 1.5m wide and values up to 2.77 g/t Au over 1.0m were obtained from this showing (Redstar Assessment report, 2003)
L4	Sulphide (pyrite, chalcopyrite) bearing iron formation. The zones are mostly pyritic with up to 2-3 % chalcopyrite locally. The iron formation is in contact with Felsic Volcanic and can be traced along strike for approximately 75m. The best values obtained from sampling was 6.41 g/t Au over 0.5m.
700 Zone	Sulphidized iron formation in contact with Felsic Volcanic. A sulphide bearing (pyrite, chalcopyrite) quartz vein in the Felsic volcanic returned 4.57 g/t in a grab sample. The iron formation did not return any significant gold values.
Baseline	This showing consists of sulphidized iron formations in contact with Felsic volcanics. Samples of sulphidized (pyrite) quartz veins return values up to 8.87 g/t Au in grab samples.
991	This showing consists of sulphide bearing (pyrite, chalcopyrite) bearing quartz veins within a brecciated felsic volcanic unit. The veins are approximately 20m away from an ultramafic contact which is buried under

	overburden. Sample in 2003 returned values up to 4.40 g/t Au over 0.5m. With visible gold in several veins.

6.0 Conclusions and Recommendations:

The Pipestone West area is a highly prospective property for gold mineralization. It is the author's opinion, that the property has the potential to host several economically significant gold deposits.

Much of the area requires further geological mapping and sampling, in particular the western portion of the property should be mapped at 1:2000 scale with a 100 meter grid. Prospecting of the Iron Formations is also highly recommended.

The Ledge showings, (L1-L2) should be tested with drilling. These two showings are on a 375m long structure which can be up to 2.5m wide at surface and contains up to 22.10 over 0.5m.

The 991 showing is also a priority drill target. The presense of high grade gold veins with visible gold near a folded ultramafic horizon indicate the potential for mineralization similar to the producing mines of Red Lake.

A phase I drill program should consists of 2500 – 3000m of drilling to adequately test these targets.

6.0 References

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APPENDIX I - BIRON BAY PROPERTY AGREEMENT

REDSTAR GOLD CORP.

611-675 West Hastings St., Vancouver, B.C. V6B 1N2 Tel: 604.488.0051 Fax: 604.488.0053
www.redstargold.com redstar_resources@hotmail.com
TSX Venture Exchange Symbol: RGC

May 14, 2003

Biron Bay Gold Mines Limited
C/O - 1 Royal Gate Blvd.,
Woodbridge, Ontario
L4L 8Z7
Attention: Mr. Douglas Dunsmuir

Via Fax: 1-905-264-0702

Letter Agreement to Option Biron Bay Properties, Ball Township, Ontario

Dear Mr. Dunsmuir:

Redstar Gold Corporation ("Redstar") would like to set out the terms of an option agreement (the "Option") whereby Redstar can acquire a 100% interest in the mineral claims and patented claims (the "Property") held by Biron Bay Gold Mine Limited and Biron Bay Resources Limited (the "Vendors" in the Ball Township, Red Lake area, Ontario (List of claim numbers attached in Schedule "A"). The terms are as follows:

Exercise of Option

1. Redstar can exercise the Option and earn 100% of the right, title and interest in and to the Property, subject to a net smelter royalty (NSR), in consideration of the following cash payments and share issuances:

   (a) cash payments of $50,000 to the Vendors as set out below:

      (i) $15,000 on the date of TSX Venture Exchange approval (the "Approval Date");
      (ii) $25,000 on or before the first anniversary of the Approval Date; and
      (iii) $10,000 on or before the second anniversary of the Approval Date.

   (b) 100,000 common shares of Redstar (the "Shares") to be issued to the Vendors as set out below:

(i) 50,000 Shares within fiv : (5) business days of the Approval Date;
(ii) 25,000 Shares on or befc re the first anniversary of the Approval Date; and
(iii) 25,000 Shares on or befc re the second anniversary of the Approval Date.

2. Upon payment of the $50,000 in acco dance with paragraph 1(a) and the issuance of the 100,000 Shares in accordance v ith paragraph 1(b), Redstar will have exercised the Option and have earned 100% of the right, title and interest in and to the Property, subject only to the NSR

Additional Payments

Redstar shall also issue an additional 100,00(Shares to the Vendors upon a decision by the Board of Directors of Redstar to place a n ine on the Property into production. Should a production decision be made prior to the se ond anniversary of the Approval Date, all remaining Shares will be issued to the Vendo s forthwith.

Good Standing

Redstar will be responsible for all costs relati ig to maintaining the Property in good standing during the term of the Option.

Net Smelter Royalty

Upon exercise of the Option, Redstar would ; rant a 1.0% Net Smelter Royalty to the Vendors. Redstar, or its assignee, at any time will have the right to purchase back the 1.0% NSR for $1,000,000.

Formal Agreement

The parties agree to use their reasonable best effort to complete a formal agreement to include, but not be limited to the above terms In the event that such contemplated agreement is not completed, this Agreement s nall remain in force and effect.

Please acknowledge your receipt and agreem nt to the terms of this Letter Agreement by signing below and returning three original co ies to us whereupon this will form a binding agreement between the parties. Upor receipt of the executed Letter Agreement,

Redstar will undertake to file the Letter Agr ement with the TSX Venture Exchange for approval. As consideration for the grant of t his Option by the Vendors to Redstar, the Vendors acknowledge receipt of Redstar's c heque in the amount of $10.00.

Sincerely,

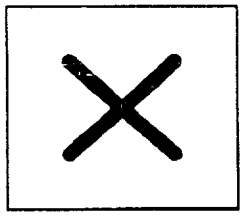
Doug Fulcher
Director
Redstar Gold Corporation

Acknowledge and agreed to this 3 day of June, 2003

Biron Bay Gold Mines Limited

Biron Bay Resources Limited
Douglas Dunsmuir

APPENDIX II - RUBICON MINERALS PROPERTY AGREEMENT



7 March 2002

Mr. Steve Todoruk
611 675 West Hastings St.
Vancouver, B.C.
V6B 1N2

CONFIDENTIAL

Sent via E-Mail

RE: Letter Agreement for West Red Lake Properties
Between Redstar Resources Corporation ("Redstar")
And
Rubicon Minerals Corporation ("Rubicon")

Dear Mr. Todoruk;

We suggest the following revised basic terms for Rubicon to grant to Redstar the exclusive right and option (the "Option") to earn a 51% interest in the Pipestone South, Pipestone North, Baird and Wolf Bay Properties (the "Property", as attached in Schedule A):

1. Grant of Option

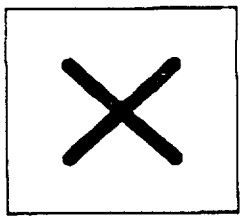
In order for Redstar to exercise the Option and earn its 51% interest in the Property, Redstar must, over the four year period comprising the currency of the Option (the "Option Period"), carry out $2,575,000 in exploration on the Property, issue 500,000 common shares of Redstar (the "Shares") and make cash payments aggregating $135,000 to Rubicon, and make all cash payments required pursuant to the underlying agreements governing the Property, all as more particularly follows.

2. Work Expenditures

In order to keep the Option in good standing, Redstar shall incur, during the Option Period, not less than $2,575,000 in exploration expenditures on the Property as follows:

$450,000 on or before the first anniversary (as a firm and binding commitment). This year one work commitment will cover the assessment requirements for all claims in Schedule A;

$600,000 on or before the second anniversary;
$650,000 on or before the third anniversary; and
$875,000 i on or before the fourth anniversary.



The expenditure requirements in years two, three and four are optional only (but are nonetheless required to keep the Option in good standing) and, accordingly, unlike the $450,000 expenditure requirement in year one, are not firm and binding commitments of Redstar.

3. Share and Cash Payments

In order to keep the Option in good standing, Redstar must make, during the Option Period, the following share and cash payments to Rubicon:

2.27190

125,000 Shares and $15,000 cash, upon CDNX approval to be obtained as soon as practicably possible (it is acknowledged that Redstar has initiated a share roll-back and that all "Shares" would be post-consolidation and issued immediately after the date the consolidation is completed).

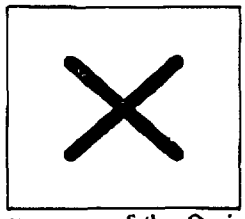
125,000 Shares and $35,000 on or before the first anniversary
125,000 Shares and $35,000 on or before the second anniversary
125,000 Shares and $50,000 on on or before the third anniversary

4. Underlying Agreement Cash and Share Payments

In order to keep the Option in good standing , Redstar will be responsible for and, in any event agrees to make, during the Option Period, all underlying cash option payments payable pursuant to the underlying agreements and required thereunder on or before the first anniversary of this Agreement to the underlying owners (the "Underlying Agreements", beingattached as Schedule B of this Agreement). Rubicon will be responsible during the Option Period for making all share payments defined in the Underlying Agreements. The following 2002 cash payments on the Property are all due on or before September 1, 2002 and constitute firm and binding commitments required on the part of Redstar:

PROPERTY	2002 (firm commitment)	2003(optional)	2004(optional)	2005(optional)
Pipestone South	$12,000	$25,000	$50,000	$10,000 each year after
Pipestone North	$10,000	$25,000	$50,000	$ 8,000 each year after
Wolf Bay	$14,000	$24,000	$45,000	$10,000 each year after
Baird	$ 0	$	$ 6,000	$ 6,000 each year after
Pipestone East	$	$	$	$

Rubicon acknowledges that Redstar is desirous of including Rubicon's Pipestone East property under this Agreement as part of the Property. Rubicon will agree to include this property subject to receiving a verbal waiver from third party and, upon receiving such approval and giving Redstar written notice to that effect, the Pipestone East Property will be subject to the terms of this Agreement and Redstar will have the obligation to make any cash option payments required therender to underying owners as contemplated under this paragragh 4. The claims comprising the Pipestone East property are set out in Schedule "C" attached.



As Operator, Redstar will, during the currency of the Option, be responsible for keeping all of the Property and the Underlying Agreements in good standing.

5. Dropping Claims.

Redstar shall, at any time during the Option Period on or after the first anniversary date, be permitted to drop up to 50% of the claims comprising the Property. To do so, it must provide written notice of its intention to drop the claims to Rubicon who shall then have the right for a period of 60 days to acquire the claims. Redstar further agrees that any dropped claims shall be returned to Rubicon with a minimum of 180 days work filed on them before their next anniversary date.

6. Grant of First Option to Earn an Additional 9% Interest (for a total of 60%)

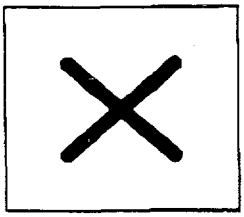
If Redstar fulfills all of the requirements necessary to exercise the Option and thereby earns a 51% interest in the Property, then Redstar will have a one-time 60 day period to elect by notice in writing to Rubicon whether to exercise an option to earn an additional 9% interest (the "Second Option") by spending an additional $7,500,000 in work on the Property over the four year period following such election. A Joint Venture will be created at the time that Redstar earns its 51% interest in the Property and the parties will enter into an industry standard joint venture agreement. Redstar shall be the Operator of the Joint Venture. At the creation of the Joint Venture, total deemed expenditures for the purposes of calculating dilution will be $5,150,000, allocated as to Redstar 51% and Rubicon 49%. Should Redstar exercise the Option and thereafter exercise the Second Option thereby earning an additional 9% interest in the Property , total deemed expenditures will be $12,650,000, allocated as to Redstar 60% and Rubicon 40%.

7. Third Option to Earn an Additional 10% interest (for a total of 70%)

If Redstar exercises the Second Option and thereby earns an additional 9% interest in the Property, then Redstar, , will have the exclusive right and option (the "Third Option") to increase its interest in the Property by agreeing to pay for all costs on the Property to fund a positive and bankable feasibility study and arranging for all project financing for a mine or mines. The Third Option is subject to approval by Rubicon . For doing so, Redstar will earn an additional 10% interest in the Property for a total interest of 70%.

8. NSR Buy Down

Upon Redstar earning an interest in the Property, Redstar will also earn an equivalent interest in the right of Rubicon to buy down any NSR Royalty granted in the Underlying Agreements attached in Schedule "B" of the Agreement.



9. Operatorship

Redstar will be the Operator of the project during its entirety. During the Option Period, (including the currency of the First Option,Second Option, and Third Option), Redstar and Rubicon would form a technical committee that would meet on a minimum quarterly basis to ensure Rubicon has technical input on the exploration and development of the Property. Redstar shall be permitted to include administration fees as part of its earn-in requirements. These fees will be as follows:

a) During the exploration stage – 8%

b) During the development stage – 3%

c) During the Mining Phase – 1.5%

10. Area of Interest

There shall be a two-kilometer area of interest surrounding the Property as described in Schedule A as at March 7, 2002. Any properties acquired, directly or indirectly by way of staking or third party acquisition, by Redstar or Rubicon during Option Period, except for those indicated in paragraph 4 , shall become part of the Property at no cost to the other party and such property will be subject to the terms of this Agreement. After the Option Period, properties acquired in the Area of Interest shall be offered to the non-acquiring party in the joint venture for their share of costs according to their interest. Otherwise, if the non-acquiring party declines an interest, the acquiring party shall obtain a 100% interest .in the property and the acquired property would not be subject to the terms of this Agreement.

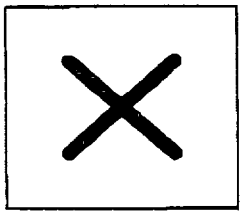
11. Non-compete Area for Redstar

Redstar shall not compete with Rubicon for mining rights, whether by staking or through third parties in connection with the Heath Property and within one kilometer of the current boundaries of the Advance Red Lake Property, as described in Schedule "D"attached, unless written consent is obtained from Rubicon.

12. Assignment

This Agreement shall inure to the benefit of and be binding upon each party's assigns and successors. In the event that either party wishes to assign or sell its interest in this Agreement or the Property, then each party shall offer the other party the right of first offer on its interest to the other party. Such right to be exercised within 30 days of receiving written notification from the other party of its intention to sell. Either party shall be free to assign its interests to a subsidiary of the party (as defined in the B.C. Company Act).

13. Formal Agreement



The parties agree to use their reasonable best efforts to complete a formal agreement to include, but not be limited to the above terms. In the event that such contemplated agreement is not completed, this Agreement shall remain in force and effect.

14. Confidentiality

The parties agree to keep all information pertaining to this Agreement and all data and information concerning the Property confidential unless required by regulatory or similar related disclosure. Both Rubicon and Redstar agree to provide the other with a minimum of 48 hours to review any news releases pertaining to this Agreement or the Property. Each party shall be permitted to make comments on each release, and the other party agrees to take such comments into account before issuing any release.

15. Reports.

Redstar shall provide monthly summary technical and accounting reports to Rubicon and will provide a detailed technical and accounting report on a quarterly basis in conjunction with Technical Review committee meetings.

This Agreement is subject to regulatory approval, and Redstar closing its $600,000 financing within 30 days of CDNX approval of Redstar's share consolidation. The meeting to obtain shareholder approval to the share consolidation is scheduled to take place on or about April 11, 2002 and it is anticipated that CDNX approval will be obtained shortly thereafter.

The first year work program shall include a mutually agreed component of independent structural analysis by an industry-recognized structural consultant(s). Rubicon is not necessarily concerned with operatorship of work on the West Red Lake project but believes a close working relationship regarding the technical approach will benefit both parties.

I hope that the above terms meet with your understanding of our conversations and look forward to forming this new joint venture partnership with Rubicon.

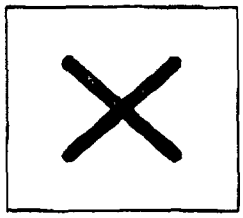
This offer is open for acceptance up to 5 pm EST on March 11th h 2002.

Yours sincerely,

Michael Gray

V.P. Exploration
Rubicon Minerals Corporation

Rubicon Minerals Corporation
Suite 888, 1100 Melville Street, Vancouver, B.C., Canada V6E 4A6
Tel: 604.623.3333 Fax: 604.623.3355 E-mail: rubicon@rubiconminerals.com



Accepted this 10 day of March, 2002

Steve Todoruk
Redstar Resources Corporation

Rubicon Minerals Corporation
Suite 888, 1100 Melville Street, Vancouver, B.C., Canada V6E 4A6
Tel: 604.623.3333 Fax: 604.623.3355 E-mail: rubicon@rubiconminerals.com

RUBICON

SCHEDULE B

**TO THE LETTER AGREEMENT BETWEEN
STEPHEN STARES & JAMES CROCKER
AND
RUBICON MINERALS CORPORATION
ON THE NTS PROPERTY**

NET SMELTER RETURNS

The following constitutes the terms and conditions with respect to the calculation and payment of the 2% Net Smelter Returns Royalty (the "Royalty") payable in connection with the West Red Lake Property (the "Property") should a party become a royalty holder as contemplated by the letter Agreement between Rubicon Minerals Corporation ("Rubicon") and Redstar Resources Corporation ("Redstar"), dated March 7th, 2002 concerning the Property.

1. **Definition of Net Smelter Returns**. "Net Smelter Returns" are defined as the gross revenues actually received by the non-royalty Participant (the "Payor") from the sales of any ores, mineral resources or mineral products ("Products") extracted and produced from the Property, less (i) all costs to the Payor of weighing, sampling, determining moisture content and packaging such material and of loading and transporting it to the point of sale, including insurance and in-transit security costs; (ii) all smelter costs and all charges and penalties imposed by the smelter, refinery or purchaser; and (iii) ad valorem taxes, severance taxes and governmental royalties and any other taxes, charges or assessments as are imposed upon the production except for applicable federal, state or provincial income taxes. Notwithstanding the foregoing, for purposes of determining the percentage of the royalty payable to the Vendor (the "Payee") on any precious metals produced or sold from the Property, the price attributed to gold or platinum group metals ("PGMs") shall be the price per ounce of gold or PGMs as quoted on the London P.M. fix averaged over the quarter prior to the date of final settlement from the smelter, refinery or other buyer of the gold or PGMs on which the Royalty is to be paid (the "Quoted Price"). For purposes of calculating Net Smelter Returns in the event the Payor elects not to sell any portion of any precious metals extracted and produced from the Property, but instead elects to have the final product of any such precious metals credited to or held for its account with any smelter, refiner or broker, such precious metals shall be deemed to have been sold at the Quoted Price on the day such precious metals are actually credited to or placed in the Payor's account. With respect to any metals other than precious metals extracted and produced from the Property, the price attributed to such other metals shall be calculated based on the relevant London Metal Exchange official settlement quotation (or other generally accepted quotation) averaged over the quarter prior to the date of final settlement for the smelter or refinery or other such purchaser of relevant metals.

2. **Certain Characteristics of the Royalty**. The Payee's (Royalty holder) interest in the Royalty is a non-participating interest in the Property which entitles the Payee to receive certain payments based upon the production and sale or deemed sale of Products from the Property as provided herein. The Royalty does not: (a) entitle the Payee to direct or control or be consulted in any manner with respect to the timing, nature, extent or any other aspect of exploration, development, production or other operations on the Property; (b) entitle the Payee to grant to third

SCHEDULE A

To attach to the Option Agreement between Rubicon Minerals and Redstar on the Pipestone North, Pipestone South, Wolf Bay and Baird Properties

Property/Agreement	Claim #	Units	Township	Recording Date	Next Due Date
Pipestone North	KRL 1239679	8	BALL	25-Jul-00	25-Jul-02
Pipestone North	KRL 1184741	2	HAMMELL LAKE	17-Sep-99	17-Sep-02
Pipestone North	KRL 1184740	2	HAMMELL LAKE	17-Sep-99	17-Sep-02
Pipestone North	KRL 1185121	11	BALL	18-May-00	18-May-02
Pipestone North	KRL 1184983	3	HAMMELL LAKE	17-Sep-99	17-Sep-02
Pipestone North	KRL 1184907	6	BALL	4-Jul-00	4-Jul-02
Pipestone South	KRL 1184924	1	BALL	17-Feb-00	17-Feb-02
Pipestone South	KRL 1184923	4	BALL	17-Feb-00	17-Feb-02
Pipestone South	KRL 1184926	2	BALL	17-Feb-00	17-Feb-02
Pipestone South	KRL 1234037	3	BALL	18-Jun-99	18-Jun-02
Pipestone South	KRL 1234038	1	BALL	18-Jun-99	18-Jun-02
Pipestone South	KRL 1234086	4	BALL	18-Jun-99	18-Jun-02
Pipestone South	KRL 1184925	8	BALL	17-Feb-00	17-Feb-02
Pipestone South	KRL 1234085	1	BALL	18-Jun-99	18-Jun-02
Pipestone South	KRL 1184921	5	BALL	7-Feb-00	7-Feb-02
Pipestone South	KRL 1184918	6	BALL	7-Feb-00	7-Feb-02
Pipestone South	KRL 1239677	2	INDIAN HOUSE LAKE	25-Jul-00	25-Jul-02
Pipestone South	KRL 1239678	10	BALL	25-Jul-00	25-Jul-02
Pipestone South	KRL 1184919	9	BALL	10-Feb-00	10-Feb-02
Pipestone South	KRL 1184922	1	BALL	17-Feb-00	17-Feb-02
Pipestone South	KRL 1184917	3	BALL	10-Feb-00	10-Feb-02
Baird	KRL 1234505	16	BAIRD	18-Jul-00	18-Jul-02
Baird	KRL 1234504	15	HEYSON	18-Jul-00	18-Jul-02
Wolf Bay	KRL 1234224	4	TODD	15-Jun-01	15-Jun-03
Wolf Bay	KRL 1234226	8	TODD	15-Jun-01	15-Jun-03
Wolf Bay	KRL 1239855	1	TODD	12-Nov-99	12-Nov-02
Wolf Bay	KRL 1234227	3	TODD	15-Jun-01	15-Jun-03
Wolf Bay	KRL 1107691	13	TODD	12-Mar-01	12-Mar-03
Wolf Bay	KRL 1107689	4	TODD	12-Mar-01	12-Mar-03
Wolf Bay	KRL 1234225	2	TODD	15-Jun-01	15-Jun-03
Wolf Bay	KRL 1239854	10	TODD	12-Nov-99	12-Nov-02
Wolf Bay	KRL 1239849	10	TODD	12-Nov-99	12-Nov-02
Wolf Bay	KRL 1239850	10	TODD	12-Nov-99	12-Nov-02
Wolf Bay	KRL 1239851	5	TODD	12-Nov-99	12-Nov-02
Wolf Bay	KRL 1239853	3	TODD	12-Nov-99	12-Nov-02
Wolf Bay	KRL 1239848	1	TODD	12-Nov-99	12-Nov-02
Wolf Bay	KRL 1185128	8	TODD	26-Jun-00	26-Jun-02
Wolf Bay	KRL 1185127	2	TODD	26-Jun-00	26-Jun-03
Wolf Bay	KRL 1234525	12	KILLALA	1-Aug-00	1-Aug-02
Wolf Bay	KRL 1234517	1	TODD	1-Aug-00	1-Aug-02
Wolf Bay	KRL 1239852	6	TODD	12-Nov-99	12-Nov-02

Total Units: 226

~~Accepted and agreed to this _____ day of _____, 2002.~~

SJ

RUBICON

parties leases, licenses, easements or other rights to conduct operations on the Property; (c) entitle the Payee to any partition of the Property; or (d) entitle the Payee to any ownership interest in any improvements on the Property, equipment and other personal property located thereon, or in any proceeds received by the Payor from the sale, lease or other disposition thereof. The Payee will be entitled to register the Royalty against title to the Property.

3. **Commingling**. The Payor shall have the right to commingle Products with ores, minerals or materials produced from lands other than the Property, after such Products have been weighed or measured, sampled and analyzed in accordance with sound mining and metallurgical practices such that the Payee's production Royalty can be reasonably and accurately determined. Upon written request by the Payee to the Payor and at the Payee's expense, the Payee shall have the right to have a representative present at the time all such samples and measurements are taken. The Payee's representative shall have the right to secure sample splits for the purpose of confirming the accuracy of all measurements.

4. **Stockpiling**. The Payor may stockpile any Products from the Property at such place or places as it may elect, either upon the Property or upon other property.

5. **Calculation and Delivery of Royalty Payments**. Royalty payments shall be due on the first day of the second month following the end of each calendar quarter during which production of Products occurs, and on the first day of the second month following each and every subsequent calendar quarter for so long as the Payor mines and sells Products or otherwise receives proceeds from the production of Products from the Property. Production Royalty payments shall be accompanied by a statement sufficient to allow the Payee to determine the method of computation of each Royalty payment and the accuracy thereof. Each statement furnished to the Payee shall be deemed to be correct and binding on the Payee unless, within one year of its receipt, the Payee notifies the Payor in writing that it disputes the correctness of such statement and specifies its objections in detail.

6. **Audit**. The Payor shall maintain true and correct records of all Products mined, processed and sold (or deemed to be sold) and all proceeds otherwise received from the Property, and the Payee shall have the right to audit such records at the Payor's offices during normal business hours upon reasonable prior notice, provided such audit is conducted by the Payee or by an accounting firm of recognized standing, at least one of whose members is a member of the Canadian Institute of Chartered Accountants. The Payor shall make available all books and records, refinery statements, and other invoices, receipts and records necessary for purposes of such audit, and shall make available work space and copying facilities, or permit the Payee and its representatives to install copying facilities for use in connection with its audit activities.

7. **Method of Making and Reporting Payments**. All payments of money required to be made by the Payor to the Payee hereunder shall be made by cheque to the Payee on or before the due date at the Payee's address as set forth in the Agreement, or such other address as may be designated in writing from time to time by the Payee. Upon written request from the Payee to the Payor prior to the due date of any payment of money, the Payee may direct that the payment be made by way of wire transfer to an account designated by the Payee. Upon making payment as provided herein, the Payor shall be relieved of any responsibility for the distribution of such payment among the Payee and any of its successors or assigns. Concurrently with the payment of

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the Royalty, the Payor shall furnish to the Payee a statement of account setting forth in reasonable detail the computation of the Royalty.

8. **Commercial Production**

The phrase Commercial Production as used herein means: a) either the construction of a mine and related facilities with respect to the first deposit of ores from the property governed by the Agreement as defined in the March 7, 2002 Letter Agreement on the Property between Rubicon and Redstar occurring after March 7th, 2003 as to which mining and processing from such deposit has occurred at a rate of not less than 75% of design capacity of the mine and related facility for one month without interruption, or b) the transportation and processing on a regular commercial basis of ores to and through processing facilities owned by a third party at industry accepted contract rates. Commercial production shall not include any minor refining for metallurgical tests, pilot projects and facility start-up testing.

9. **Additional Agreements of the Parties.**

(1) **No Obligation**. In no event, by the creation of the Royalty hereunder or otherwise, shall the Payor be deemed subject to any duty, express or implied, to explore for ores, mineral resources or mineral products or produce Products from the Property, and the timing, manner, method and amounts of any such production and exploration shall be in the sole discretion of the Payor.

(2) **Hedging**. The Payor and the Payee hereby expressly agree that in no event shall the Payor have any liability to the Payee as the result of the amount of revenues received by the Payor from any forward sales or other hedging activities engaged in by the Payor with respect to Products from the Property. In addition, the Payor and the Payee agree that the Payor shall have no obligation, express or implied, to engage in (or not to engage in) any forward sales or other hedging activities with respect to Products from the Property.

10. **Arbitration**. Any dispute or differences between the parties hereto concerning this schedule which cannot be resolved or settled by the said parties shall be settled by final and binding arbitration in the City of Vancouver, at the request of any party pursuant to the provisions of the Commercial Arbitration Act (British Columbia), (subject to the specific terms hereof). The party desiring arbitration shall notify the other party of its intention to submit any dispute(s) or difference(s) to arbitration as well as a brief description of the matters(s) to be submitted for arbitration. Should the parties fail to agree on a single arbitrator to settle the relevant dispute(s) or difference(s) within 15 days of delivery of the aforesaid notice, then each such party shall within 30 days thereafter nominate an arbitrator familiar with the mineral exploration and/or mining business (failing which nomination by a party, the arbitrator nominated by the other party may proceed to determine the dispute alone as he or she shall deem fit and the 2 arbitrators so selected shall select a chairman of the arbitral tribunal of similar knowledge and/or background to act jointly with them. The decision of the single arbitrator or any 2 of the 3 arbitrators shall be non-appealable, final and binding with respect to the issue(s) in dispute. The arbitrator(s) shall further determine the location of the arbitration proceedings. If said arbitrators shall be unable to agree in the selection of such chairman, such chairman shall be designated by the President or

RUBICON

another officer of the Canadian Institute of Mining and Metallurgy, bearing no relationship to either of the parties hereto, or, if no designation has been made within 30 days of such request having been made, the Chairman shall be selected as contemplated in the Commercial Arbitration Act (British Columbia). The costs of the arbitration shall be borne by the parties hereto as may be specified in the determination of the arbitrator(s). The arbitrator(s) shall further be authorized to retain such legal counsel and other professional advisors to render any advice to the arbitrator(s) as the arbitrator(s) deem appropriate.

Rubicon Minerals Corporation
Suite 888, 1100 Melville Street, Vancouver, B.C., Canada V6E 4A6
Tel: 604.623.3333 Fax: 604.623.3355 E-mail: rubicon@rubiconminerals.com

RUBICON

July 16, 2002

Mr. Steve Todoruk
611 – 675 West Hastings Street
Vancouver, BC V6B 1N2

CONFIDENTIAL

Dear Mr. Toduruk:

RE: First Amendment to the Letter Agreement for West Red Lake Properties
Between Redstar Resources Corporation ("Redstar")
And
Rubicon Minerals Corporation ("Rubicon")

This is to inform you, pursuant to paragraph 4 of the West Red Lake Properties Agreement dated March 7, 2002 (the "Agreement"), that Rubicon has agreed to add the Pipestone East Property to the Agreement. The Pipestone East Claims are described in Schedule C of the Agreement (see attached).

The Pipestone East Property will be subject to the terms of Agreement and Redstar will have the obligation to make the cash option payments and exploration work expenditures required thereunder to the underlying owners to maintain the option in good standing, as follows:

2002 (firm commitment)	2003 (optional)	2004 (optional)	2005 (optional)
$10,000 – option payment $12,000 – work obligation (due by Sept. 1, 2002)	$20,000	$50,000	$10,000 each year after

Please acknowledge your receipt and agreement to the terms of this amendment to the Agreement by signing below and returning one original copy to us in the envelope provided.

Yours sincerely,
Rubicon Minerals Corporation

Per: Michael J. Gray
VP Exploration

Acknowledge and agreed to this 16 day of July, 2002

Steve Toduruk, Redstar Resources Corporation

Rubicon Minerals Corporation
Suite 888 – 1100 Melville Street, Vancouver, BC CANADA V6E 4A6
Tel: 604.623.3333 Toll free: 866.365.4706 Fax: 604.623.3333 E-mail: rubicon@rubiconminerals.com
www.rubiconminerals.com

SCHEDULE C

To attach to the Option Agreement between Rubicon Minerals and Redstar on the Pipestone East Property

Property/Agreement	Claim #	Units	Township	Recording Date	Claim Due Date
Pipestone East	KRL 1234503	1	BALL	26-Jun-00	26-Jun-02
Pipestone East	KRL 1234269	1	TODD	17-Jul-01	17-Jul-03
Pipestone East	KRL 1234519	1	TODD	24-Aug-00	24-Aug-02
Pipestone East	KRL 1185132	2	HAMMELL LAKE	18-Jul-00	18-Jul-02
Pipestone East	KRL 1234502	1	BALL	26-Jun-00	26-Jun-02
Pipestone East	KRL 1234524	1	TODD	24-Aug-00	24-Aug-02
Pipestone East	KRL 1234533	1	HAMMELL LAKE	8-Aug-00	8-Aug-02
Pipestone East	KRL 1234201	5	TODD	2-May-01	2-May-03
Pipestone East	KRL 1185133	4	HAMMELL LAKE	18-Jul-00	18-Jul-02
Pipestone East	KRL 1234534	1	HAMMELL LAKE	8-Aug-00	8-Aug-02
Pipestone East	KRL 1234205	2	Ball	7-May-01	7-May-03

May 14, 2003

Mr. Mike Gray
Rubicon Minerals Corporation
888 – 1100 Melville Street
Vancouver, B.C.
V6E 4A6

CONFIDENTIAL

Dear Mr. Gray

RE: Second Amendment to the Letter Agreement for West Red Lake Properties
Between Redstar Resources Corporation ("Redstar")
And
Rubicon Minerals Corporation ("Rubicon")

As per our discussions regarding the amendment of the West Red Lake Property Agreement dated March 7, 2002 (the "Agreement"), we agree the following amendments be incorporated into the above noted Agreement.

1. **Work Expenditures**

a) Redstar agrees to a firm work commitment of $600,000 in year 2 to be completed by May 6, 2004, subject only to a financing into Redstar of a minimum of $450,000 (gross) to be completed by July 20, 2003. The expenditure requirements in years three and four are optional and are not a firm and binding commitment of Redstar. The underlying payments due to Perry English or Rubicon would also be firm and binding commitments in 2003.
b) All exploration expenditures incurred on the Newman Todd property by AngloGold (Canada) Exploration Company, Rubicon, Redstar or any other J.V. partner shall be deemed as exploration expenditures by Redstar under the Agreement, as amended, and form part of the yearly requirement, however, the total amount of exploration expenditures incurred by JV partners on the Newman Todd property to be applied as expenditures under the Agreement shall be capped at C$1,200,000.
c) All exploration expenditures in excess of the yearly requirements shall be carried forward to the subsequent years.

d) Any cash option payments or cash purchase costs incurred by Redstar after September 16, 2002 in acquiring additional properties in the Area of Interest (as defined in the Agreement) that become part of the Agreement will be deemed to be exploration expenditures and shall form part of and be included in the yearly exploration requirements.
e) All cash payments made to Rubicon and or Perry English as required by the Agreement, after May 15, 2003, shall be deemed to be exploration expenditures and form part of the yearly exploration requirements.

2. Newman Todd Property

The Newman Todd property was acquired by Redstar and falls within the Area of Interest outlined in the Agreement and therefore falls under the terms of the Agreement.

3. Anniversary Date

As a point of clarification: the anniversary date of the Agreement shall be calculated from the date of acceptance of the Agreement by the TSX Venture Exchange, which date was May 6, 2002.

If you are in agreement with these terms, please indicate your acceptance to these terms by signing and dating in the space provided below, whereupon the Agreement will be amended as set out in this amending letter. In all other respects the Agreement will remain in full force and effect.

Yours truly,

Doug Fulcher
Director
Redstar Gold Corp.

Accepted this ___day of May, 2003

_____

Mike Gray
VP Exploration
Rubicon Minerals Corporation

May 15, 2003

Mr. Mike Gray
Rubicon Minerals Corporation
888 – 1100 Melville Street
Vancouver, B.C.
V6E 4A6

CONFIDENTIAL

Dear Mr. Gray

RE: Third Amendment to the Letter Agreement for West Red Lake Properties
Between Redstar Resources Corporation ("Redstar")
And
Rubicon Minerals Corporation ("Rubicon")

As per our discussions regarding the amendment of the West Red Lake Property Agreement dated March 7, 2002 as amended by a letter agreement dated July 16, 2002 and a second amendment dated May 14, 2003 (the "Original Agreement"), we agree the following additional amendments be incorporated into the above noted Original Agreement.

1. **Newman Todd Property**

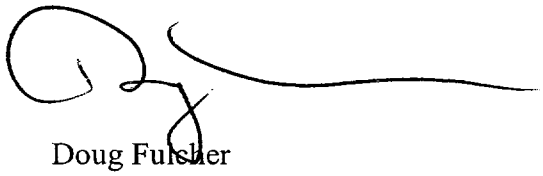
   a) Upon the execution of a Joint Venture Agreement ("Joint Venture Agreement") between AngloGold, Rubicon and Redstar concerning the Newman Todd Property ("Newman Todd Property"), the Newman Todd Property will be removed from the claims subject to the Original Agreement and the Newman Todd Property will no longer be subject to the terms and provisions of the Original Agreement. Redstar will then have a 100% interest in the Newman Todd Property, subject only to any existing royalties.
   b) In the event that Redstar defaults under the terms of the Original Agreement and the Original Agreement is terminated, Redstar shall transfer 100% of its interest in the Newman Todd Property and including the Property as defined in the Original Agreement to Rubicon.

c) If AngloGold elects to terminate the Joint Venture Agreement at any time during the earn in period, then Rubicon may elect to opt into AngloGold's position and continue the earn-in of AngloGold's 60% interest under the same terms and conditions outlined in the Joint Venture Agreement. If Rubicon does not elect to opt into AngloGold's position, the Newman Todd Property will revert back into the Original Agreement between Redstar and Rubicon to be governed by the terms and provisions of that agreement.

d) The due dates for work expenditures in the Original Agreement, including the date in the Second Amendment by which to expend $600,000 in year two, will be changed to correspond to the due dates for work expenditures in the Joint Venture Agreement.

If you are in agreement with these terms, please indicate your acceptance to these terms by signing and dating in the space provided below, whereupon the Original Agreement, as amended by the First and Second Amendments, will be further amended as set out in this amending letter. In all other respects the Original Agreement will remain in full force and effect.

Yours truly



Doug Fulcher
Director
Redstar Gold Corp.

Accepted this _____day of May, 2003

_____

Mike Gray
VP Exploration
Rubicon Minerals Corporation

REDSTAR GOLD CORP.

October 20, 2003

Mr. Dave Adamson
Rubicon Minerals Corporation
888 – 1100 Melville Street
Vancouver, B.C.
V6E 4A6

CONFIDENTIAL

Dear Mr. Adamson

RE: Fourth Amendment to the Letter Agreement for West Red Lake Properties (the "Property") Between Redstar Resources Corporation ("Redstar") and Rubicon Minerals Corporation ("Rubicon")

As per our discussions regarding the amendment of the West Red Lake Property Agreement dated March 7, 2002 as amended by a letter agreement dated July 16, 2002, a second amendment dated May 14, 2003 and a third amendment dated May 15th, 2003 (collectively the "Original Agreement"), we agree the following additional amendments be incorporated into the above noted Original Agreement.

1. If a third party (the "Third Party") acceptable to both Rubicon and Redstar agrees to earn an interest in the Property on terms acceptable to Redstar and Rubicon, both Rubicon and Redstar agree to contribute and dilute their interests in the Property on a pro rata basis and to enter into such agreements and/or amend the Original Agreement as necessary. If the agreement with the Third Party (the "New Agreement") is entered into before Redstar has earned its initial 51% interest in the Property, Redstar and Rubicon will each be deemed to have an equal 50% interest in the Property for purposes of determining the interests of the parties in the New Agreement.

2. The maximum percentage interest which the Third Party would be entitled to earn in the Property would not exceed a 60% interest, unless Rubicon and Redstar both agree to a higher percentage interest being offered to the Third Party.

3. Any cash payments required to be made by the Third Party in accordance with the terms of the New Agreement will solely be for the account of Redstar.

4. All exploration expenditures incurred by the Third Party on the Property shall be deemed as exploration expenditures by Redstar under the Original Agreement, and credited to Redstar under paragraph 2 of the Original Agreement in the event

that the Third Party does not earn its interest in the Property as contemplated by the New Agreement.

5. Unless otherwise stated in the New Agreement, Redstar shall continue to make the cash payments and share issuances to Rubicon as set forth in paragraph 3 of the Original Agreement.

6. Unless otherwise stated in the New Agreement, Redstar shall continue to be responsible for making the underlying cash payments pursuant to the Underlying Agreements as set forth in paragraph 4 of the Original Agreement.

7. Paragraph 6 of the Original Agreement is amended by changing the number "$7,500,000" in the fourth line to "$3,000,000" and changing the number "$12,650,000" in the tenth line to "$8,150,000".

8. Paragraph 7 of the Original Agreement is deleted.

9. As consideration for this fourth amendment, the parties agree as follows:

   (a) Redstar will issue Rubicon 150,000 common shares in the capital stock of Redstar within five business days of the acceptance of this amendment by the TSX Venture Exchange (the "Exchange");

   (b) Rubicon will purchase, by way of private placement, 350,000 units of Redstar at a price of $0.15 per unit. Each unit will consist of one common shares and a one-year share purchase warrant exercisable at a price of $0.20 per share (subject to the acceptance of the pricing by the Exchange);

   (c) Upon execution of the New Agreement by the Third Party, Redstar will issue to Rubicon the number of common shares in the capital stock of Redstar equal to the lesser of:

      (i) 1,000,000 common shares; and

      (ii) 4% of the issued and outstanding common shares of Redstar on the date of execution of the New Agreement;

   (d) Redstar grants to Rubicon the right to maintain its percentage interest in the shares of Redstar by participating in all future financings of Redstar as follows:

      (i) The number of securities which Rubicon will be entitled to purchase will be calculated as follows:

$$\text{Total Financing Securities} \times \frac{\text{Rubicon's Shareholdings in Redstar}}{\text{Total Redstar Issued and Outstanding Shares}} = \text{Rubicon's Participation}$$

(ii) Rubicon's right to participate in future financings of Redstar under this paragraph will terminate if:

A. Rubicon fails to participate in two consecutive financings; or

B. Rubicon fails to participate in a total of three financings.

(e) Redstar agrees to a firm work commitment of $650,000 in year 3 to be completed by June 2nd, 2005, subject only aggregate financing into Redstar of a minimum of $800,000 (gross) to be completed within four months of the signing of this amendment. The underlying payments due to Perry English or Rubicon would also be firm and binding commitments in 2004.

10. Rubicon agrees to vote all shares of Redstar owned by Rubicon, or under the control or direction of Rubicon, in favour of the management nominees of Redstar for a period of two years from the date of this amending agreement.

11. The terms of this amending agreement, including the issuance of any shares of Redstar, are subject to the acceptance of the Exchange.

If you are in agreement with these terms, please indicate your acceptance to these terms by signing and dating in the space provided below, whereupon the Original Agreement, as amended by the First, Second and Third Amendments, will be further amended as set out in this amending letter. In all other respects the Original Agreement will remain in full force and effect.

Yours truly

Doug Fulcher
Director
Redstar Gold Corp.

Accepted this ____ day of October, 2003

_____

Dave Adamson
President
Rubicon Minerals Corporation

APPENDIX III - Sample Descriptions

sample	northing	easting	rocktype	Au (ppb)	Description
385980	5658667	411343	Alt'd Maf (UM?)	12	dk gy - v dk gy,« tr cpy »,« Bt »,« tr aspy »?,« po », pentlandite?, 1-2% v dk qtz-veins mm scale. S2« S1 50.00-48.00°».
385987	5658744	411265	Q-Sul Vein	24	massive to semi massive sulphide in wall rock to quartz vein. Dark grey-black« sph 12.00-20.00%»,« cpy 2.00-3.00%», sulphides tend to be in massive pods. « py 3.00-5.00%»,« po 2.00-3.00%»,« tr aspy »,« tr sph », 4-15cm wide. « QV 80.00-5.00°».
385988	5658744	411267	Well foliated well silc'd u/m	14	Wall rock sample. Well foliated well silc'd talcose rock, u/m? Talc on« fol 46.00-2.00°» Locally garnetiferous - almandine 1-2mm. « mafic dyke 54.00-10.00° 40.00-50.00cm»
385989	5658749	411267	Str Sil Maf? Fels?	0	massive to semi massive sulphide in wall rock to quartz vein. Dark grey-black« sph 12.00-20.00%»,« cpy 2.00-3.00%», sulphides tend to be in massive pods. « py 3.00-5.00%»,« po 2.00-3.00%»,« tr aspy »,« tr sph », 4-15cm wide. « QV 80.00-5.00°». « str sil », maf?, fels?. in contact with dyke. « SO 54.00-10.00°» at dyke contact. « S2 46.00-2.00°».
385990	5658749	411268	Maf Dyke	5	med-dk grey equigranular,« tr py » cpy , 40-50cm wide,« SO 54.00-10.00°», note X cutting mm late quartz veins throughout dyke and wall rock.
385991	5658688	411348	Str foliated silc'd mafic volc	0	Str foliated mafic volc. Fol« fol 75.00-12.00°»« possible carb » « tr asp »« py 1.00%»
385992	5658754	411433	Str Silc'd str foliated mafic volc	5	Str silc'd str foliated mafic volc. « fol 55.00-40.00°» mod magnetic« po 1.00-2.00%» asp« poss asp » dark blue black. « py 1.00%» Rare« qvein 55.00-40.00°» Po along foliation, Py as stringers
385995	5659541	410696	Talcose u/m	8	talcose u/m with« serp vein 64.00-315.00°» Massive host with stockworking of veins,« mag » cores, two additional orientations of« serp vein 78.00-18.00°» and serp« serp vein 52.00-1.00°» Stockworks developing by serpentine alteration of host, leaving unaltered cores. Mag

sample	northing	easting	rocktype	Au (ppb)	Description
					cores to larger serp veins Highly magnetic.
385996	5659593	410714	Talcose u/m	5	Talcose u/m, coarse to med grained. Minor« talc/serp vein » « tr vfg po »« tr chr »« minor mag » highly magnetic. Where talc veins occur, they are 1-5 cm. 5 cm veins approx N/S
385997	5659695	410913	Folded talcose u/m	0	Foliated and folded talcose u/m. « fol 56.00-4.00°»Serpentine on foliation planes. "M" folds noted« fold 50.00-274.00°»
385998	5659703	410951	Wkly fol talcose u/m	22	Wkly foliated to massive talcose u/m, possibly very weakly silc'd. Network of talc veins on o/c highly magnetic. Massive on N side of o/c. « fol 58.00-26.00°»
385999	5659712	411105	U/m	0	Ultramafic with serp veins. Denser towards south. Rare x-cutting« vein »
386000	5659684	411104	Hematitic Serp u/m	5	Hematitic serp u/m with « poss chr » highly magnetic, fine grained poss wk silc'd,« hem » at contacts with « vein 1.00mm»
387101	5658889.863	408633.755	Q Vein	0	
387102	5658921.786	408675.843		152	
387110	5658343	410399	limonitic qvein in FG sericitic fel	25	boudins. « qvein 6.00-62.00° 3.00-4.00cm» in fine grainined sericitic felsi. no sulphides observed
387111	5658343	410399	Banded mag chert IF	842	selective float sample. Outcrop with two small pits. Fe Formation bedding« S0 20.00-60.00°» sample from float excavated from pits. BIF with poddy« poddy, vuggy qvein »« py 1.00-5.00%»« minor po »
387112	5658675	410418	Irregular qvein	8870	« slightly irregular qvein 20.00-80.00° 20.00cm» hosted within foliated felsic (int?) near contace with« gar »« mag »« chl »« chert » iron formation. « vein »is buggy with« py 1.00%» exposed by old trench.
387113	5658675	410418	Irregular qvein	68	6 m east from 387112, along strike. « irregular qvein 2.00-5.00cm» smokey veins in foliated felsic int near« contact »with BIF. sample includes« vein »material and« massive py » from a 10X 5cm pod marginal to« vein »« py 1.00%» of sample overall, exposed in old pit.

sample	northing	easting	rocktype	Au (ppb)	Description
387114	5658672	410325	smokey qvein/silc'd zone	5260	east of 112/113. another old pit exposure, 0.75 X 1.0. « qvein 75.00-100.00cm»at felsic int/BIF« contact »« py 1.00%» in« vein »sample included a 3cm patch or marchasite, from vein/bif margin.
387115	5658660	410460	sh'd limonitic qvein	60	eastward along strike from 114. another old pit. « sh'd limonitic qvein 20.00-80.00° 20.00cm»smokey in felsic volc. near« contact » of BIF no sulphides noted.
387116	5659157	410210	shear in felsic	64	composite grab from several locations along a 20 metre exposure of a 50 cm wide shear in felsic volc or int. Slightly limonitic well« fol 20.00-64.00°» minor x-cutting« qvein 1.00-4.00cm» sample is qvein+wallrock material« minor tour »
387117	5658453	410043	feld porph felsic	6	Character grabb from large outcrop of moderately« fol 21.00-70.00°» grey feldspar porph felsic (int?) « feld 20.00-30.00% 1.00-2.00mm» dissem« py -1.00%»looks similar to O/c on L410400E but more foliated.
387118	5659197	409642	BIF	14	from several different sites along a 1 m wide« chl »« chert » BIF layer between foliated mafics and qxtal felsics. « fol 41.00-79.00°» bedding parallel (magnetism?) slightly magnetic« tr fine py », locally vuggy qveins, limonitic.
387119	5659261	409692	qtz-felds-xtal felsic	5	med grey massive to locally well« fol 17.00-80.00°» felsic, xtal content variable, at sample location« ovoid xtals qtz 10.00% 1.00-3.00»« white xtals feld 30.00% 1.00-3.00mm» xtals alligned with foliation a some appear flattened,« bio »« tr py »
387120	5658612	409602	Qvein	8	sample taken from several« subparrallel to crosscutting qvein 3.00-4.00cm» in fg felsic volc. limonitic patches in veins« fol 33.00-60.00°»
387121	5658520	409348	Felsic Tuff	357	sample from limonitic 10 cm wide horizon of« coarse xtaline qtz 10.00cm» with « coarse py 1.00% 1.00cm»« fol 15.00-70.00°» traceable for 10 metres along strike
387122	5659061	409432	Qvein	5	« boudiny, limonitic qvein 30.00-80.00° 5.00-15.00cm» sub parallel to fol« fol 30.00-85.00°» in felsics.

sample	northing	easting	rocktype	Au (ppb)	Description
					foliation and« vein »orientation estimated due to magnetics of neaby BIF.
387123	5658872	409199	Qvein	0	several irregualr« qvein 1.00-20.00cm» smokey in massive to wkly foliated xtal« feld », same o/c as RF087. Mild limonitic staining. no sulphides observed
387124	5659140	409178	BIF or qvein?	0	either« chert » BIF or« qvein 26.00-70.00° 10.00-30.00cm» in felsic tuff. Limonitic. no sulphides observed. roughly parallel to foliation
387125	5659182	409076	qvein	0	from several parallel boudiny smokey« qtz »« chl »« vein 20.00-80.00° 1.00-10.00cm» 4 m strike length. veins occur at transition from« qtz »« feld »xtal tuff to fine felsic tuff. limonitic pods but no sulphides observed.
387126	5659365	409030	Qtz-Feld-xtal felsic tuff	0	fine grained siliceous with« xtal qtz 5.00-10.00% 1.00-3.00mm»« xtal feld 5.00% 1.00-2.00mm» xls aligned with« fol 24.00-80.00°» slightly« bio »
387127	5658826	408872	Qvein	0	grab from« boudinaged qvein 22.00-64.00° 1.00-4.00cm» in fine grained felsic tuff with local sparse« xtal qtz » local limonitic patches in« vein » but no sulphides observed
387128	5658670	409544	BIF	2370	sample from throw rock from on trench in« mag »« chert »Iron Formation. select pieces of BIF showing banded« banded py 2.00-3.00% 1.00-2.00mm»« banded po 2.00-3.00% 1.00-2.00mm» as a replacement of« mag »in cherty BIF. only a small portion of rock from trench appears to contain sulphides
387129	5658670	409544	qvein?	17	25X25 boulderof« chl »« qtz »« ank »« vein »material?presumably from same trench 387128. poor exposure in trench. Ankerite material contains a« tr py »
387130	5658660	409565	chert or qvein?	195	select float. vuggy re-xtalized« chert »or« qvein » from trench in« mag »« chert »BIF. traces of « blebby py »
387131	5658685	410276	BIF	6	very limonitic weathering. well banded« gar »« chert »« chl »« amph »BIF. no magnetite or sulphides observed but limonitic weathering. "S" folding observed in O/c, plunging steeeply (~70) to NW.

sample	northing	easting	rocktype	Au (ppb)	Description
387132	5658669	410165	Qvein	0	irregular« limonitic stockworky qvein 1.00-15.00cm»« tr py » hosted within grey« qtz »« feld »porph felsic approx 2m wide. unit lies between fine grained felsic« bio »felsic to int tuff to South and« mag »« chert »« chl »ampj« amph » BIF to North
387133	5658669	410165	Felsic	0	weaker foliated to massive grey (fresh) beige weathered« qtz »« feld »porph or xtal tuff. sample for whole rock, +/- thin section
387135	5658715	411081	Massive Mafic	45	dark green grey, med grained equigranular massive mafic« dyke » on L1. Sample for whole rock +/- thin section
387136	5658963	409425	Maf Vol	11	Dark green fine grained, massive to wk foliated,« wk-mod chl », non magnetic, possible pillow textrures visible in outcrop.
387137	5658973	409435	Quartz Vein	5	Boundinaged, irregular, 15-20cm wide 6m strike lneght,« strikes SO 77.00-15.00°», but folds to the south. Liminitic patches but no sulphides, hosted in massive mafic of 387136
387138	5658143	409990	QXL FXL T	0	Tuff or dykes, interlayered with fine grained well foliated felsic tuff. Foliation« S1 63.00-34.00°»,« py 0.50%».
387139	5658144	409990	Quartz Vein	0	Grab from 2-4cm wide, q-vein cross-cutting in fine felsic tuff and qxl, fxl felsics. Folded but trends approx.« SO 40.00-90.00°», limonitic, slightly vuggy with bleached out pyrite.
387147	5658666	410440	Quartz Veins	2540	Select grab from old pit just east of other pits N of baseline. Quartz vein irregular ~20cm wide, subvertical, possible zone up to 2m wide. Contains spherical aggregates of« py 3.00-4.00%»cubes in sample. ~8m east of 387114. Host is felsic dyke volcanic between two BIF units. Flag labelled 387146 in field.
387151	5658833	411129	qvein	0	« quartz-chlorite vein 90.00-142.00°-4.00cm» crosscuts foliation of 61-022 in felsic volcanic host rock.
387152	5658659	411572	Mafic intrusive	17	Character grab sample of dark green, massive, medium grained, equigranular intrusive . Composition mainly plagioclase+mafic minerals, 5-10% alkali feldspar, < 5% quartz (Diorite to Gabbro composition). Non-

sample	northing	easting	rocktype	Au (ppb)	Description
					magnetic.
387153	5658685	411575	Felsic Volcanic	0	Character grab sample of medium grey, siliceous, aphanitic felsic volcanic rock. « fol 82.00-40.00°» « mod ser »« mod qtz »alteration« trace disseminated py »Intruded by mafic rock of sample 387152.
387154	5658696	411496	qvein	0	quartz« vein 90.00-100.00°-20.00cm» in fine to medium grained mafic. Exposed for 1 metre along strike. Discontinuous. No sulphides observed.
387155	5658665	411454	qvein	7	Quartz-ankerite« vein 82.00-260.00°-5.00cm»« trace py », dicontinuous, <1 metre strike length exposure. Host is slightly schistose, sericitic felsic volcanic rock with foliation 78-009.
387156	5658705	411499	Felsic Volcanic ?	9	Composite grab sample in old trench. Felsic Volcanic? moderate« sil »,« ser »« bio »alteration,« disseminated py 1.00-3.00%», band of semi massive« mag -10.00cm» wide near« contact 74.00-38.00°»with mafic intrusive to south.
387157	5658716	411497	Garnet-amphibole-biotite-quartz sch	5	Character grab sample of Garnet-amphibole-biotite-quartz schist. Fine euhedral « trace mag ». Estimated« fol 74.00-38.00°». Sample includes a 3 cm wide qv parallel to foliation.
387160	5658700	411529	Quartz-chlorite vein	9	Quartz-chlorite« vein 60.00-106.00° 20.00-25.00cm». Hosted within fine grained mafic intrusive exposed in creek gully. Slight ly limonitic but no sulphides observed.
387161	5658827	411323	(Garnet)-biotite-quartz schist	0	Character grab sample of mediumvgrey coloured (garnet)-biotite-quartz schist.« fol 55.00-25.00°»
387162	5658938	411378	Banded iron formation	72	Alternating« mag »layers up to 10 cm thick, cherty layers and (garnet)-biotite-chlorite schistose layers. Approximate« fol 60.00-360.00°». Limonitic,« trace py »,« trace cpy ».
387163	5658823	411548	Chert	0	Character grab sample of greyish yellow coloured cherty sediments?« fol 85.00-27.00°» Non-magnetic. Approximately on strike with iron formation of 387162. To the north it grades into biotite-quartz schist.
387164	5658740	411622	Gabbro	6	Character grab sample from shoreline

sample	northing	easting	rocktype	Au (ppb)	Description
					outcrop of massive, dark green-grey, equigranular, fine to medium grained gabbro. Non-magnetic. Limonitic on fractures.« Trace py ».
387165	5658710	411774	Gabbro	8	Fint to medium grained gabbro with « blebby po -1.00%». Minor, narrow, vertical quartz veins striking approximately north.
387166	5658884	411957	Felsic Volcanic?	6	Medium grey coloured, massive, very fine grained, siliceous rock. Minor biotite and sericite flakes along fractures. A trace of 1mm feldspar xls? Probably a felsic volcanic but could be a cherty sed.
387167	5658562	412179	Quartz veinlet	33	Quartz« veinlet -1.00mm» in quartz-biotite schist (altered sed or volc). Contains« trace cpy »,« trace py ». Crosscuts fabric in schist.
387168	5658413	412084	Talc schist	0	Sample from scattered BQ core at old drill site. Consists of mottled pale green and dark green-grey talc schist with rusty weathering ankeritic patches« fine, euhedral mag 1.00-5.00%».
387169	5658413	412084	Biotite-quartz schist	16	Siliceous bioite schist (felsic volcanic?) in scattered drill core at on drill site. Same location as 347168. Minor quartz-chlorite veins.
387170	5658373	412046	Biotite-quartz schist	0	Fine grained, moderately foliated , light grey coloured biotite-quartz schist (felsic volcanic?).« fol 50.00-24.00°»Intruded by intermediate intrusive to south (sample 347171).
387171	5658373	412046	Biotite-quartz monzonite to mozodio	0	Light grey coloured, fine to medium grained, equigranular, massive, blocky weathering biotite-(quartz) monzonite to monzodiorite. In contact swith schist to north. Intrusive dis slightly foliated near contact but contact looks intrusive.
387172	5658193	412002	Smoky quartz vein	0	Smoky« quartz vein 40.00-156.00° 4.00-8.00cm» in fine grained, siliceous sfelsic volcanic. Vein crosscuts fabric in host rock. No sulphides observed.
387173	5659164	410956	Smoky quartz vein	0	Composite grab sample from several parallel smoky « quartz veins 90.00-28.00° 2.00-5.00cm» hosted in felsic volcanics.
387174	5659160	410952	Quartz-diorite	5	Grab sample fine to medium grained«

sample	northing	easting	rocktype	Au (ppb)	Description
					mod chl » alteration. Weakly foloiated. Minor quartz sweats with« trace py ».
387175	5659050	411622	Smoky quartz veins	0	Composite grab of several parallel smoky quartz veins over 1 metre. Quartz « veins 70.00-14.00° 2.00-15.00cm», hosted within biotitic, siliceous felsic volcanic. No sulphides observed but veins are locally limonitic. Possible old blast pit on outcrop.
387176	5658851	412563	Chert?	0	Character sample of very fine grained, massive, siliceous rock. Probably a cherty sed or felsic volc. Minor chlorite and ankerite on fractures. « trace mag »locally.
387177	5658166	412227	Magnetite-talc schist (utramafic)	0	Character grab sample of brownish-black weathering, well foliated, calcareous magnetite-talc schist. « very fine euhedral mag 5.00-10.00%-0.50mm». estimated « fol 65.00-20.00°» local 2 cm wide blebs of ankerite. Probably a strongly altered ultramafic. Elsewhere along strike in same unit there are crosscutting veinlets of pure platy talc/serpentine.
387178	5658186	412402	Quartz vain	6	Anqular Quartz Chlorite vien Float. Viens of up to 6cm wide.« cpy 0.10%»« py 0.10%» limonitic, Ankerite. Host maybe magnetite talc schist. Sampled just inside of claim boundry of krl3474.
387179	5658991	411900	Diorite	7	Grab sample from 10 cm wide mylonitic shear in medium grained, equigranular, slightly foliated diorite. Shear« fol 70.00-219.00°»Intermittent 1-2 cm wide quartz veins within the shear contain a trace of« py ».
387180	5659002	412082	Quartz stockwork in felsic volcanic	0	Composite grab sample from a quartz vein« qtz 90.00° 0.50-1.00cm» stockwork in felsic volcanics. Zone is 1 to 2 m wide parallel to 25 metre wide E-W gully. Trace specular hem.
387181	5658076	412267	Quartz float	15	Several peices 0f angular« qtz 1.00-5.00cm» vein float in felsic volc. Near ultramafic contact.
387183	5658971	411673	Quartz stockwork in diorite	19	« qtz 0.10-2.00cm»- ankerite-feldspar veinlets as an irregular stockwork in diorite. trace « ga »?« trace py ».
387184	5658714	411496	Vein/Silicified volcanic	9	« sil 40.00-20.00°-1.50m» zone/vein exposed in old trench. Py« patchy py 1.00-5.00%»,« minor po »,« trace cpy

sample	northing	easting	rocktype	Au (ppb)	Description
					».« band of mt -5.00cm»wide. Host is silicified felsic or chert/iron formation.
387185	5658243	411531	Quartz vein	0	« greyish white qtz 44.00-104.00°-10.00cm»vein.« trace py », limonitic. Crosscuts foliation in fine grained siliceous felsic volcanic.
387186	5658176	411431	Quartz veins	287	Sample from numerous subparallel« qtz 70.00-130.00° 1.00-4.00cm» veins crosscutting foliation in felsic volcanic. Local limonite stain, no sulphides observed. Vein density 1 vn per metre.
387187	5658026	411528	Quartz veins	103	« irregular qtz 7.00-187.00° 10.00-75.00cm»veins in medium grained biotite-granodiorite. Exposed in old trench. Veins are locally vuggy and druzy with local patches of« euhedral py 0.50% 0.50-1.00cm».
387189	5658742	411414	Felsic volcanic	10	« wispy+blebby py 1.00-5.00%»in schistose felsic volcanic. Limonitic.« fol 75.00-34.00°».
387190	5658668	411421	QFP Dyke	27	1-3 % finely disseminated« py »+« po »in biotite-quartz-feldspar porphyritic dyke. estimated « fol 55.00-10.00°».
387191	5658196	411658	Felsic volcanic?	0	« trace py »,« trace po »in dark grey, fine grained, siliceous rock.« wk ser ».« wk fol 70.00-22.00°». An old trench was observed off the east end of the outcrop.
387192	5658433	411837	Siliceous rock	6	« Trace cpy » in grey, siliceous (cherty looking) felsic volcanic?« Moderate fol 60.00-10.00°»« Weak ser ».
387195	5658628	411232	Quartz veins	0	Several« qtz 80.00-30.00° 1.00-5.00cm» veins,« trace py ». Host is (quartz)-Monzonite. Possible old pit on outcrop.
387196	5658799	411198	Felsic volcanic	0	very fine grained, grey, very siliceous felsic volcanic« wk-mod fol 66.00-39.00°» « trace cpy »
387197	5658380	410876	Chert	19	Alternating granular quartz rich layers and green chlorite-amphibole+(garnet) layers, non-magnetic but associated with nearby iron formation, limonite +hematite staining,« fol 70.00-30.00°»
387199	5658926	410721	Felsic volcanic	0	Felsic tuff, grey brown, very fine grained, siliceous,« mod bio »,« wk ser »,« py -1.50%»,« po -1.50%»,« fol 60.00-25.00°».

sample	northing	easting	rocktype	Au (ppb)	Description
387201	5659521	410709	Hornfels Fels? Maf?	94	str« fol », med-dk grey color fg with sparse FP's 1-3mm size. « Bt » as partings parallel to foliation. « Bt 5.00-10.00%»,« cpy 1.00-2.00%», wispy disseminated, with some« py ». float adjacent to old trench. trench trends at 080 deg. 0.5 x 5m long.
387202	5659534	410650	Qvein	67	« qvein 90.00-353.00° 2.00cm» dark grey. Noted black metallic mineral. Wall rock approx 20% of sample. Ultramafic« contact » approx 20 m North
387203	5658502	411651	Qvein	0	« qvein 6.00cm»approx 1.5 m strike length. « hem » stained. host rock is laminated fine grained slightly silc meta sed. Laminated. « qvein 50.00-3.00°» parallel fol/bedding
387204	5659086	411965	cg Maf Int?	0	cg- med to d grey color. Hb« Bt », 10%. Hm stain on quartz vein in sample. v weakly foliated . « S2 80.00-40.00°».
387205	5659094	411980	Sil Maf?	8	med grey color mod-str foliated. Subcrop. unable to measure foliation direction. fg« py 1.00-1.50%»,« tr cpy ». NOTE: stronger silicification than previous sample. « mod-str sil ».
387206	5658951	411922	Q Amyg ((QP)) R	5	med to light grey, tr metallic mineral spec?. (non-mag), 3-5% 2-4mm elongate q-amygs, mod foliation,« S2 80.00-20.00°», rare 1mm QP's NOTE foliation parallel flow banding, mm-5mm scale dark and light bands contorted (very rare).
387207	5659405.178	409587.812	Q Vein	16	in Felsic Xtal Tuff dark grey to blue grey 4 inches wide. « S2 70.00-10.00°» 1-5mm QXl bkn« str Bt », alteration
387208	5659447.035	409585.724	Q Vein	0	white sugary quartz, « S2 75.00-15.00°» NOTE folded veins and foliation
387209	5659263.06	409680.266	Q Vein	10	In Felsic T. Host« S2 90.00-120.00°»
387210	5659141.223	409619.737	Q Vein	90	in IF host, note folding in IF. « F2 54.00-355.00°» chevron folds amplitude about .5m.« SO 80.00-30.00°». foliation parallel.
387211	5659144.28	409607.125	Mag QXl T	19	Strongly« mag », magnetite bands in felsic tuff. QXl's are broken and 1 - 3mm in size. This unit appears to be an interbed within iron formations.

sample	northing	easting	rocktype	Au (ppb)	Description
					Some cherty iron formations noted.
387253	5658744.29	411301.94	Felsic/Mafic Volcanics	330	VG pit. Felsic volcanic - Mafic Volcanic Contact. Weak carbonate alteration in mafics. ~5% Vein material. « po 1.00%»,« cpy 1.00%»
387401	5658938	411317	BIF	0	Interbedded Magnetite/siliceous iron formation. Weathered surface shows interlayer between black, tan, and grey lamenea. Tan layer appears thinnest and rarely exceeds several mms in width. Black and grey layers are also variable with widths ranging from mm to 10cm(in fold noses). this section is tightly folded with the fold axis parrallel to foliation. « fol 67.00°»
387402	5658359	412403	Qtz Monzonite	11	This area shows a high variability in OC orientation. Almost all OC observed so for show a strong ESE-WNW trend whereas this localitiy is fingering out at 140 degrees (SE-NW). Felsic Dyke, 2 plag. Fine grained *slightly foliated (chilled?) biotite qtz* monzonite dyke. Sample taken near northern contact with felsic schist. Minor py was noted.
387403	5658309	412394	Qtz Vien	15	Qtz vien running 220 then turns towards the west. This vien sits within a silicified leached zone aprox 30 cm wide. The vien itself ranges from 1 cm to 8 cm. Qtz is variably wht to smokey with vugs and rusty inclusions, biotite, and deep blue staining (pyrolusite?)
387404	5658309	412394	Mafic Intrusive	8	Silicified altered rock with Bio and« py 1.00%». Some areas are highly chloritic and garnetiferous and serecitic.
387406	5658611	411889	Felsic Volcanics	480	Tan weathered, dk grey, massive (weak foliation), siliceous rk. Bio, serecite, and Quartz with« minor carb 1.00%»vienlets which appear to be coincedent w/ sulphidization of« py 1.00%» and« po 1.00%» Minor Quartz vienlets were noted.
387407	5658499	411902	Quartz vien	8	Quartz vien (1cm wide) found in float. Host rock is a med grey weakly foliated quartz, bio,ser, schist. « py 1.00%» both in vien and in host.
387408	5658076	411276	Qtz float	9	Duplicate of 387181
387409	5658971	411673	Qtz float	22	Duplicate of 387183

sample	northing	easting	rocktype	Au (ppb)	Description
387417	5658668	411614	Gabbro	71	Sample taken from a highly slicified patchwork area in this fine grained gabbro. Sample includes both host rock and silicified section of host. Py« py 2.00%» and« cpy 2.00%» or in moderate amounts. Sulphidation is both patchy (1-3mm sizes) and very finely disseminated. Minor« carb »« bio » and« ser » in host and silicified area.
387418	5658320	411581	Qtz carb vien	0	Qtz Carb vien with mica,« trace py 0.50%». Carbonate forms large well defined xtals as well as a surgary texture. Vien is stock work like and ~ 1/2 m wide « V1 64.00-34.00°» See notes for drawing.
387419	5658454	411901	Qtz vien	0	Qtz blob/breccia (30cm x 30cm) with minor host rock. Variabley grained white to dk grey with ser« ser »« bio » trace py« trace py 0.50%» and« trace po 0.50%»?. This sample was taken from a felsic volcanic host at location MR-03-041. severa small viens run from this blob following the foliation. Brecciation is confined to the contact between the blob and the host.
387420	5658398	411939	Qtz vien	22	Qtz vien - friable black weathered quartz vien with hematite stained fracture filling. Host is a felsic volcanic. « QV 45.00-148.00°»
387421	5658672	411116	Qtz Breccia/vien	48	Sample taken from 2 narrow (~5cm) zones of a breccia textured w/ fragments of host rock included within vien matrix. These fragments are aligned with foliation and the breccia zone trend. « trace py 1.00%»
387422	5658611	411992	Qtz vien	0	Qtz vien float found on base line. Vien is folded and minor sulphide was noted.
387423	5657970	410933	Qtz vien	14	Highly slicified multicolored weathering with variably colored quartz (from wht to dk grey). « trace py 0.50%» was noted as was chlorite, hematite staining and limonite. Some pyrolusite may be present. This sample came form a blowover atop of a BIF.
387424	5658237	410544	Qtz Vien / Cherty BIF	11	Band of rusty (limonitic) siliceous felsic volcanics/ cherty BIF ~ 32 cm

sample	northing	easting	rocktype	Au (ppb)	Description
					wide and following« fol 66.00-360.00°». Some Qtz viening is apparent and this whole band may be one Qtz Vien, however all of the material taken was friable, gaussonous and heavily sulphidized. The wall rock (FW) shows signs of heavy slicification to the point of forming and chert. This band is also reccessed into the OC. « py 20.00%»« po 1.00%»« trace cpy 0.50%» and pyrolusite. Peacock staining was noted in small blebs.
387425	5658236	410544	Felsic Volcanics	0	Footwall contact to 387425. This wall rock shows signs of heavy silicification and sulphidization to the point of forming a chert. « py 2.00%»
387427	5658232	410407	Mafic Volcanic	0	Fined grained mafic volcanic, carbonate altered, with PO« po 1.00%»,« py 1.00%» and possibly some« cpy 1.00%».
387430	5658441	410799	Gart Cherty BIF	0	Tight isoclinal folds of Garnetiferous BIF. Segregated into garnet rich bands, amphibole, chlorite, mica bands(moderately magnetic), and siliceous bands.
387434	5658279	409798	qvein and felsic	22	1) med grey weathered fine grained to microxtaline rk with« minor bio »seams and« py »seams. 2)Limonitic« qvein »with minor sx« sx »« minor chl »« minor ser » hoested« fol 32.00-70.00°»
387435	5658156	409763	qvein and mafic volc	745	« qvein »
387436	5658156	409764	Composite Qtz vein and Mafic int.	4590	Composite x-section grab from an intensly altered zone within pit. This zone was highly limonitic with friable messed up rocks. An old sample flag was seen here. Sulphides are abundant, however finding a fresh sample was near impossible, even after gettin 1' into the zone. Host appears similiar to 387435. Malachite was noted. Trend of zone 68/038
387437	5659226	409890	Composite Qtz vein and Mafic int.	25	Imbircated, vuggy quartz vein running through altered mafic intrusive. (see unit 6 of MR-03-078). Sample includes some HW rock. Disseminated« py 1.00%»and« trace cpy 0.10%» Minor limonititic and

sample	northing	easting	rocktype	Au (ppb)	Description
					hematic staining.
387438	5658655	410565	Composite Qtz vein and Felsic Vol	7	White to smokey quartz vein with a microcrystaline to sugary texture set in Fv on Cat rd. Very limonitic, with chlorite and diss« trace py 0.10%»
387443	5658616	410410	Felsic	12	
387451	5659672	411079	Interbedded mafic volcs	0	Interbedded mafic, u/m and felsic, plus qveins, « tr mal »cpy« cpy 1.00%»at« contact » with« qvein 67.00-5.00°» py« tr py » str silc'd
387452	5659535	410644	White-smokey qvein	549	white-smokey« irregular qvein »« carb 2.00-3.00%»« tr cpy »with assoc« bio » hosted within xtall tuff. Fol« fol 58.00-26.00°» 1-2%« qtz » eyes with 5% mica
387453	5659547	410658	Silc'd mafic-u/m	19	Float sample, from above cribbing in trench. « coarse to fine py 5.00%» Contact rock?
387454	5659639	410770	Coarse u/m, wkly silc'd	0	E end of o/c wkly silc'd coarse u/m, serpentinized olivines? to 8mm. Highly magnetic. « dissem mag 1.00-2.00%»« poss chr » « tr dissem py » local « wk fol 54.00-20.00°»
387455	5659513	411026	Coarsely talcose u/m	0	wkly magnetic, tr py
387456	5659514	411027	Mod silc'd u/m	0	mod silc'd u/m mod magnetic. Ants!
387457	5659625	411077	wk-mod foliated u/m	0	wk-mod foliated u/m.« hem 3.00-5.00%» wk magnetic. « fol 84.00-25.00°» bleached
387458	5659627	411085	Blocky talcose u/m	0	Blocky talcose u/m. highly magnetic.« hem »on fractures. Noted possible mafic xenolith?
387459	5659693	411131	Coarse silc'd u/m intusive	0	Coarse silc'd u/m intrusive. Hard. Mod magnetic. « mag 1.00-2.00%»« py 1.00%»« po po » local silc'd serp« vein »vfg amphorous silica with fibrous txt, parallel to intrusion? « vein 80.00-291.00°»dyke?
387460	5659722	411112	Carb altered silc'd u/m	0	carb altered mod silc'd (mafic?) u/m. Non magnetic (?) wkly veined. « qtz » replacing serp? Carb on fracture surfaces. « tr vfg py » « poss chr »massive, serp and« qvein »network
387461	5659677	411092	Mod-str fol, mod silc'd u/m	8	Mod-str fol, mod silc'd u/m magnetic. « fol 84.00-15.00°»hem« hem » on foliation planes. S edge of talc veined u/m
387462	5659660	411078	Qtz amygdule basalt?	23	Qtz amygdule basalt?« cpy 1.00%» in smokey« qtz » amygdules@ between

sample	northing	easting	rocktype	Au (ppb)	Description
					foliated mafic units Unit is folded « fold 85.00-281.00°» « contact 48.00-10.00°»
387469	5659671	411054	qvein	223	Several« qvein 67.00-20.00° 2.00-5.00cm» smokey to white hosted withing silc'd felsic tuff. « tr cpy » at margins of veins. appox 5m of strike length. Cpy at margins of veins. Located approx 2m south of Foliated Mafic? u/m?« contact » and 10m South of u/m. Veins for zone 80-100cm wide.

APPENDIX IV – Assay Certificates

ALS Chemex
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Total # of pages : 2 (A - B)
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Project : WRL03-007

CERTIFICATE OF ANALYSIS TB03025342

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppb 5	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 K % 0.01
387101		2.16	<5	<0.5	4.94	<5	260	0.7	<2	0.74	<0.5	2	23	18	1.06	1.32
387102		1.10	152	1.3	2.46	<5	170	<0.5	<2	0.37	<0.5	3	11	182	1.66	1.14
387105		0.91	<5	0.7	1.96	<5	40	<0.5	3	5.73	1.4	77	2040	30	5.64	0.02
387106		0.62	<5	<0.5	3.62	63	120	<0.5	<2	4.19	1.8	80	2160	27	7.86	0.17
387108		1.04	100	<0.5	3.96	<5	230	<0.5	<2	0.98	<0.5	8	16	4	1.85	0.98
387188		1.39	7730	69.6	0.98	<5	<10	<0.5	<2	1.81	5.1	26	26	7310	4.51	0.04
387189		0.95	10	1.1	2.09	<5	10	<0.5	<2	2.11	0.9	29	26	540	8.33	0.10
387190		0.79	27	1.4	7.81	<5	200	<0.5	<2	1.54	<0.5	5	7	128	3.19	1.18
387191		0.67	<5	<0.5	7.30	<5	310	<0.5	<2	2.11	<0.5	4	5	15	2.60	1.50
387192		0.90	6	<0.5	7.57	<5	110	0.7	<2	1.41	<0.5	10	4	257	1.62	0.87
387193		1.04	113	1.7	0.36	<5	<10	0.5	7	2.01	<0.5	16	19	100	14.50	0.02
387194		0.75	1845	2.3	0.22	<5	<10	<0.5	5	1.34	1.2	104	14	492	16.10	0.01
387195		0.83	<5	<0.5	5.15	<5	320	0.5	<2	1.08	0.5	2	10	13	1.44	1.15
387004		0.02	1845	0.8	5.16	9	510	<0.5	<2	1.56	<0.5	33	810	63	3.28	1.44
387417		3.17	71	0.9	7.31	<5	30	<0.5	<2	7.27	1.0	41	95	420	5.76	0.18
387418		1.76	<5	<0.5	3.80	<5	160	<0.5	<2	13.35	0.6	13	20	36	3.20	0.44
387419		2.08	<5	<0.5	7.20	<5	90	0.5	<2	4.19	0.6	11	16	66	3.93	1.00
387420		0.52	22	1.7	0.13	<5	10	<0.5	<2	0.04	<0.5	3	12	63	1.50	0.04
387421		3.80	48	0.5	3.94	<5	20	<0.5	<2	7.75	0.8	37	45	106	5.53	0.20
387422		2.60	<5	<0.5	8.32	5	170	<0.5	2	5.19	<0.5	10	18	55	3.81	1.44
387483		1.36	<5	<0.5	0.93	<5	20	<0.5	<2	0.60	<0.5	6	20	16	1.32	0.13
387484		0.79	30	0.5	7.66	<5	30	<0.5	2	6.46	1.6	41	102	118	8.19	0.23
387485		0.93	<5	<0.5	7.72	<5	260	<0.5	<2	2.94	<0.5	9	21	25	2.94	1.68
387486		1.30	<5	<0.5	2.00	<5	60	<0.5	<2	0.99	<0.5	3	14	8	1.44	0.23
387406A		0.34	10	<0.5	8.31	<5	1140	<0.5	<2	3.88	0.6	15	32	47	4.07	3.50

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CERTIFICATE OF ANALYSIS TB03025342

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Tl % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
387101		0.18	110	6	1.86	21	70	8	0.01	<5	82	0.05	7	<10	10
387102		0.11	61	26	0.25	5	270	11	0.09	<5	41	0.04	7	<10	3
387105		7.84	1130	1	0.02	1280	70	<2	0.20	<5	96	0.01	62	<10	74
387106		5.51	1840	<1	0.04	1215	140	<2	0.39	<5	57	0.04	143	10	97
387108		1.44	190	<1	0.88	59	130	3	0.01	<5	41	0.04	17	10	35
387188		0.49	364	1	0.03	15	330	<2	1.73	<5	47	0.03	10	<10	196
387189		1.18	724	<1	0.16	12	460	<2	0.58	<5	17	0.14	33	<10	109
387190		0.60	662	3	3.88	3	550	11	0.06	<5	174	0.25	27	<10	85
387191		0.64	335	<1	2.52	2	380	3	0.04	<5	120	0.20	22	<10	44
387192		0.46	192	1	3.92	22	320	10	0.03	<5	170	0.16	12	<10	28
387193		1.94	2670	1	0.04	39	230	<2	4.62	<5	11	0.01	7	10	54
387194		1.08	1575	<1	0.02	67	130	<2	>10	<5	10	0.01	8	10	36
387195		0.24	155	<1	2.01	5	180	8	0.08	<5	133	0.09	11	<10	26
387004		0.98	595	23	1.64	1370	440	27	0.04	<5	170	0.24	71	10	42
387417		4.20	1135	<1	1.12	110	330	<2	0.05	<5	144	0.27	166	10	58
387418		1.34	1355	<1	0.95	32	110	5	0.04	<5	184	0.14	96	<10	26
387419		1.34	673	1	0.24	22	560	<2	0.08	<5	181	0.21	43	10	57
387420		0.01	23	1	0.03	4	40	<2	0.01	<5	3	<0.01	1	<10	3
387421		3.40	1120	3	0.21	76	120	<2	0.19	<5	52	0.07	110	410	51
387422		1.06	665	1	1.96	22	830	8	0.01	<5	134	0.31	74	10	74
387483		0.44	120	2	0.20	12	40	<2	<0.01	<5	12	0.03	20	<10	11
387484		4.07	1480	<1	2.22	79	170	5	0.01	<5	190	0.40	247	10	91
387485		0.73	277	<1	1.76	22	720	8	0.06	<5	188	0.32	59	<10	35
387486		0.34	205	<1	0.70	9	300	<2	0.01	<5	109	0.09	16	<10	23
387406A		1.84	582	<1	0.47	47	1420	3	0.34	<5	154	0.48	90	<10	48

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CERTIFICATE OF ANALYSIS TB03035923

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppb 5	Au-AA23 Au Check ppb 5	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1
94416		0.32	11			0.5	7.56	<5	110	0.5	<2	6.62	<0.5	45	95	120
94417		0.43	<5			<0.5	7.41	<5	260	0.9	<2	1.49	<0.5	5	78	6
94418		0.45	<5			<0.5	7.81	<5	300	0.8	<2	1.36	<0.5	2	5	4
94419		0.29	5			<0.5	8.12	<5	80	0.6	<2	2.31	<0.5	25	167	23
94420		0.39	<5			<0.5	7.74	<5	170	0.8	<2	0.78	<0.5	4	8	13
387136		0.74	11			0.5	8.03	12	60	<0.5	<2	6.49	<0.5	48	215	124
387137		1.20	5			<0.5	6.05	<5	270	<0.5	<2	4.57	<0.5	38	124	7
387138		1.29	<5			<0.5	7.73	<5	450	1.1	<2	1.36	<0.5	3	130	54
94425		0.60	<5			<0.5	0.10	10	50	<0.5	<2	>25	<0.5	1	1	1
387139		0.78	<5			<0.5	0.34	<5	20	<0.5	4	0.17	<0.5	3	587	33
387140		2.18	261			6.9	0.80	8	10	<0.5	<2	1.41	<0.5	72	24	1185
387141		1.10	<5			<0.5	7.77	<5	160	0.7	<2	0.94	<0.5	5	93	17
387142		0.71	<5			<0.5	0.27	34	10	0.9	<2	7.10	<0.5	5	14	14
387143		0.89	<5			<0.5	6.86	13	30	<0.5	<2	7.09	<0.5	50	417	74
387144		0.61	<5			<0.5	1.33	<5	10	<0.5	<2	0.49	<0.5	10	24	29
387145		3.28	48			<0.5	0.16	<5	<10	<0.5	<2	0.83	<0.5	2	513	17
387146		1.97	<5			<0.5	0.90	6	10	<0.5	<2	1.42	<0.5	92	1385	9
387147		1.92	2540			<0.5	2.15	<5	200	0.5	7	0.23	<0.5	13	313	75
94426		0.09	>10000		NSS	7.6	6.78	114	390	3.8	8	0.50	1.1	17	177	198
387148		0.67	28			<0.5	5.02	<5	190	0.6	<2	0.08	<0.5	4	11	11
387149		1.08	32			<0.5	7.19	12	150	0.6	<2	0.50	<0.5	5	64	6
387150		1.23	881			2.4	5.47	23	100	<0.5	<2	0.20	<0.5	6	9	6
387439		0.45	103			<0.5	7.40	<5	250	0.8	<2	1.09	<0.5	26	104	40
387440		0.49	22			<0.5	7.01	<5	30	<0.5	<2	7.28	<0.5	51	418	4
387441		0.54	19			0.5	7.58	13	60	<0.5	<2	7.23	<0.5	43	226	107
387442		0.60	5			0.5	8.24	<5	160	0.8	<2	3.81	<0.5	17	37	135
387443		1.63	12			<0.5	8.60	<5	400	1.2	<2	1.26	<0.5	1	98	7
387444		1.24	5			<0.5	8.35	<5	520	1.3	<2	0.66	<0.5	3	5	5
94427		0.75	<5			<0.5	0.10	17	40	<0.5	<2	>25	<0.5	<1	13	1
387445		1.95	<5			<0.5	5.32	10	150	0.6	<2	5.27	<0.5	9	35	17
387446		2.07	45			<0.5	4.45	14	190	<0.5	<2	4.18	<0.5	54	1325	19
387437		1.78	25			0.5	6.35	<5	70	0.5	<2	4.74	<0.5	23	309	268

Comments: Sample 94594 exhibits Au nugget effect. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS TB03035923

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W
	Units	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1	10
94416		8.35	0.90	3.82	1380	<1	0.95	94	210	<2	0.01	<5	175	0.35	263	<10
94417		1.75	2.44	0.62	419	<1	1.73	7	350	<2	<0.01	<5	76	0.16	23	<10
94418		2.01	1.56	0.31	187	<1	3.37	5	220	2	<0.01	<5	168	0.14	18	<10
94419		6.79	0.37	2.73	457	<1	2.86	24	890	3	<0.01	<5	282	0.62	143	<10
94420		2.44	1.46	0.54	209	<1	3.53	7	350	2	<0.01	<5	75	0.17	24	<10
387136		8.34	0.21	5.14	1375	<1	1.57	130	220	<2	0.01	<5	154	0.42	247	<10
387137		6.93	1.13	3.73	1285	<1	0.55	88	150	<2	<0.01	<5	75	0.38	178	<10
387138		1.68	2.26	0.42	124	1	2.77	4	330	2	0.21	<5	229	0.12	22	<10
94425		0.22	0.03	1.06	123	<1	0.03	2	40	<2	<0.5	<5	95	0.01	2	<10
387139		1.31	0.11	0.05	71	4	0.02	12	60	3	0.02	<5	6	0.03	9	<10
387140		15.95	0.03	1.12	1755	<1	0.06	23	440	<2	2.67	<5	22	0.05	15	<10
387141		1.87	0.84	0.37	153	<1	4.14	4	500	2	0.03	<5	141	0.23	29	<10
387142		>25.0	0.02	1.10	252	<1	0.08	1	920	<2	0.01	<5	52	0.01	8	<10
387143		9.15	0.06	5.65	1600	<1	0.92	130	170	<2	0.01	<5	97	0.33	261	<10
387144		3.48	0.01	1.13	281	<1	0.02	20	240	<2	0.04	<5	5	0.04	45	<10
387145		1.95	0.01	0.07	121	2	0.01	16	240	<2	0.06	<5	3	0.01	8	<10
387146		7.28	0.01	>15.0	1150	<1	0.02	1650	60	2	0.01	<5	14	0.09	60	<10
387147		3.19	0.62	0.13	989	2	0.28	37	30	4	1.77	<5	20	0.02	5	<10
94426		3.34	3.46	0.54	363	20	0.29	165	580	380	1.52	5	192	0.24	142	20
387148		1.23	1.71	0.21	74	1	0.24	20	200	<2	0.03	<5	64	0.06	16	10
387149		1.18	1.90	0.25	323	<1	0.50	13	290	<2	0.02	<5	86	0.08	22	<10
387150		1.28	1.58	0.19	239	<1	0.36	41	230	<2	0.26	<5	32	0.06	16	200
387439		2.03	1.95	0.34	218	<1	1.88	13	290	<2	<0.01	<5	138	0.15	11	<10
387440		8.23	0.25	6.21	1590	<1	1.11	174	140	<2	<0.01	<5	102	0.23	224	<10
387441		8.61	0.51	4.08	1510	<1	1.17	86	240	<2	0.08	<5	172	0.38	271	<10
387442		4.41	1.39	1.14	460	<1	1.85	28	710	<2	0.30	<5	201	0.32	70	<10
387443		1.12	1.47	0.13	236	<1	3.85	6	160	8	0.02	<5	124	0.05	6	<10
387444		1.19	2.03	0.14	144	<1	3.66	3	130	5	<0.01	<5	109	0.06	5	<10
94427		0.13	0.02	0.80	111	<1	0.05	2	60	<2	<0.5	<5	88	<0.01	1	<10
387445		5.65	0.42	1.32	4300	<1	0.46	48	330	9	1.04	<5	69	0.14	64	<10
387446		5.61	0.66	4.19	881	<1	0.13	430	140	<2	0.11	<5	54	0.06	124	<10
387437		4.32	0.49	2.08	782	<1	0.93	120	420	<2	0.09	<5	116	0.24	97	<10

Comments: Sample 94594 exhibits Au nugget effect. NSS is non-sufficient sample.

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Project : WRL03-020

CERTIFICATE OF ANALYSIS TB03035923

Sample Description	Method Analyte Units LOR	ME-ICP61 Zn ppm 2
94416		73
94417		12
94418		29
94419		118
94420		37
387136		54
387137		73
387138		11
94425		4
387139		3
387140		81
387141		14
387142		7
387143		72
387144		26
387145		7
387146		56
387147		10
94426		164
387148		8
387149		22
387150		16
387439		27
387440		85
387441		70
387442		61
387443		13
387444		14
94427		3
387445		77
387446		86
387437		32

Comments: Sample 94594 exhibits Au nugget effect. NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS TB03024292

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppb 5	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
385980		1.10	12		<0.5	7.33	<5	230	<0.5	<2	3.09	<0.5	10	19	83	2.27
385981		1.34	>10000	18.40	4.7	0.42	5	10	<0.5	23	0.66	13.6	8	17	138	1.96
385982		1.27	4050		0.9	0.27	<5	10	<0.5	6	0.26	0.9	2	17	60	1.11
385983		2.41	>10000	17.20	28.3	0.20	<5	10	<0.5	13	0.16	102.5	8	18	4750	3.60
385984		2.80	6310		4.6	0.30	<5	20	<0.5	<2	0.24	400	89	15	640	10.05
385985		1.38	1040		48.0	6.49	<5	200	<0.5	47	8.31	94.3	19	67	2500	7.05
385986		0.18	1510		>100	0.49	<5	20	<0.5	313	0.40	>500	24	13	283	5.02
385987		0.93	24		1.3	3.46	<5	70	<0.5	<2	1.06	6.3	4	14	64	2.64
385988		0.76	14		0.5	9.32	<5	430	<0.5	<2	0.93	2.3	2	7	7	2.49
385989		0.95	<5		<0.5	7.35	<5	170	0.5	<2	1.64	0.6	5	6	6	1.67
385990		0.30	5		<0.5	8.46	<5	570	<0.5	2	3.89	0.7	17	16	23	5.05
385991		1.03	<5		<0.5	7.57	<5	290	<0.5	<2	2.48	<0.5	8	20	35	2.95
385992		2.01	5		<0.5	4.22	<5	230	<0.5	<2	0.63	<0.5	27	25	104	6.76
385993		0.22	177		2.3	0.84	<5	20	<0.5	<2	0.13	<0.5	5	12	217	1.30
385994		0.23	894		13.8	7.57	<5	310	<0.5	<2	1.86	<0.5	32	24	4520	4.63
385995		1.59	8		<0.5	1.52	<5	<10	<0.5	<2	1.91	0.7	126	2510	27	7.00
385996		1.20	5		<0.5	1.48	<5	<10	<0.5	<2	1.08	<0.5	107	1550	10	6.53
385997		0.36	<5		<0.5	1.18	8	<10	<0.5	<2	0.49	<0.5	97	1080	3	5.64
385998		1.14	22		<0.5	1.83	<5	<10	<0.5	<2	3.55	<0.5	91	1890	17	6.64
385999		1.09	<5		<0.5	5.95	<5	10	<0.5	<2	1.86	1.9	46	1210	3	3.78
386000		0.64	5		0.5	0.66	9	10	<0.5	<2	0.05	<0.5	112	1870	11	6.05
387467		0.40	<5		<0.5	0.08	<5	70	<0.5	<2	>25	<0.5	1	9	6	0.22
387151		0.17	<5		<0.5	1.64	<5	40	<0.5	2	0.56	<0.5	4	27	4	1.81
387152		1.39	17		<0.5	6.98	<5	40	<0.5	<2	7.08	<0.5	50	162	86	7.96
387153		0.74	<5		<0.5	8.05	<5	530	<0.5	<2	2.80	<0.5	18	41	69	3.34
387154		0.88	<5		<0.5	1.58	<5	20	<0.5	2	1.65	<0.5	14	38	16	2.56
387001		0.08	>10000	21.2	7.4	6.81	108	240	3.3	<2	0.56	1.0	17	178	203	3.24
387155		0.36	7		<0.5	7.11	<5	150	<0.5	<2	5.43	<0.5	6	18	17	2.41
387156		1.06	9		0.9	2.01	<5	10	<0.5	4	2.34	1.0	51	21	217	16.45
387157		0.44	5		<0.5	4.80	<5	330	<0.5	<2	0.79	<0.5	10	26	30	10.20
387158		1.06	10		<0.5	7.42	<5	60	<0.5	<2	6.60	<0.5	47	120	59	8.45
387159		0.79	7		<0.5	7.05	<5	40	<0.5	<2	6.46	<0.5	45	118	52	7.82
387160		0.42	9		<0.5	2.33	<5	30	<0.5	<2	2.55	<0.5	24	134	16	3.51
387161		0.52	<5		<0.5	6.22	<5	350	<0.5	<2	1.58	<0.5	35	28	14	6.12
387162		1.12	72		1.4	0.86	<5	20	<0.5	<2	2.60	0.7	37	26	756	11.45
387163		1.76	<5		<0.5	7.56	<5	190	<0.5	<2	1.42	<0.5	6	7	13	1.28
387201		1.46	94		7.4	8.00	<5	70	<0.5	<2	0.43	<0.5	50	16	3190	4.87
387202		0.73	67		0.7	4.59	<5	30	<0.5	<2	1.08	<0.5	6	9	99	1.13
387203		0.21	<5		<0.5	0.31	<5	10	<0.5	5	0.10	<0.5	1	6	26	1.06
387204		0.76	<5		<0.5	4.37	<5	80	<0.5	2	2.45	<0.5	9	9	25	3.21

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CERTIFICATE OF ANALYSIS TB03024292

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
	Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2
385980		0.81	1.28	300	1	2.65	21	270	4	0.02	<5	71	0.15	32	<10	38
385981		0.10	0.05	105	1	0.03	8	60	19	0.81	<5	10	0.01	5	730	1050
385982		0.08	0.05	52	<1	0.01	4	50	3	0.09	<5	4	0.01	4	660	116
385983		0.07	0.03	80	<1	0.01	7	50	132	2.34	<5	6	<0.01	3	950	8340
385984		0.13	0.08	191	<1	0.01	48	20	22	9.92	<5	11	0.01	8	1190	>10000
385985		2.32	2.53	2000	2	0.19	32	250	910	1.63	<5	243	0.34	155	50	8840
385986		0.25	0.12	356	<1	0.02	15	100	5170	7.94	<5	21	0.03	10	260	>10000
385987		1.00	0.29	551	1	0.20	6	330	48	0.34	<5	68	0.10	13	20	595
385988		3.63	0.50	677	<1	0.47	5	520	29	0.02	<5	102	0.25	33	10	222
385989		1.42	0.46	284	1	3.12	3	280	7	0.01	<5	184	0.15	8	<10	112
385990		1.84	1.57	903	<1	2.65	6	1360	12	0.05	<5	470	0.35	115	10	149
385991		1.90	0.70	579	<1	2.10	11	790	20	0.10	<5	128	0.32	51	10	136
385992		0.80	0.69	793	3	1.13	29	410	5	1.64	<5	80	0.19	30	10	54
385993		0.15	0.10	60	<1	0.39	5	110	2	0.07	<5	9	0.05	9	10	21
385994		2.24	1.34	445	54	2.32	132	820	8	0.53	<5	82	0.38	196	10	87
385995		0.01	>15	829	5	0.04	1365	40	6	0.06	<5	8	0.06	73	<10	55
385996		0.01	>15	891	6	0.01	1935	50	2	0.02	<5	3	0.06	67	10	63
385997		0.01	>15	725	5	0.01	1890	70	24	0.15	<5	6	0.05	48	<10	50
385998		0.01	>15	748	6	0.05	1515	80	8	0.08	<5	9	0.08	76	10	34
385999		<0.01	>15	819	5	<0.01	543	120	2	0.01	<5	5	0.14	97	20	623
386000		<0.01	>15	887	5	<0.01	1965	50	4	0.06	<5	1	0.02	28	10	62
387467		0.02	0.86	127	1	0.05	13	120	2	<0.01	<5	85	0.01	2	<10	3
387151		0.30	0.36	74	<1	0.63	12	220	<2	<0.01	<5	38	0.05	3	<10	21
387152		0.32	5.46	1435	4	1.54	138	160	3	0.08	<5	109	0.29	219	10	69
387153		1.46	1.52	400	<1	2.31	34	800	6	0.07	<5	146	0.32	69	10	45
387154		0.08	1.35	368	<1	0.22	42	50	<2	0.01	<5	19	0.05	50	<10	26
387001		3.62	0.57	371	13	0.33	167	570	388	1.46	<5	182	0.24	131	30	173
387155		1.68	0.78	519	<1	0.87	10	330	3	0.01	<5	15	0.18	33	10	32
387156		0.16	2.19	929	2	0.24	35	560	31	0.89	<5	3	0.09	30	10	182
387157		0.94	1.52	963	2	0.38	19	570	2	0.37	<5	61	0.23	37	10	32
387158		0.24	4.48	1495	3	2.10	100	190	4	0.03	<5	176	0.34	237	10	94
387159		0.19	4.35	1445	3	2.00	94	250	4	0.01	<5	160	0.32	230	10	84
387160		0.12	2.25	558	2	0.33	67	80	<2	0.01	<5	25	0.05	69	<10	32
387161		1.26	1.80	478	<1	2.00	24	580	2	0.01	<5	88	0.25	46	10	37
387162		0.13	2.16	1360	4	0.07	18	430	43	0.36	<5	15	0.06	26	10	37
387163		1.38	0.61	172	<1	3.31	5	330	3	<0.01	<5	180	0.12	12	<10	14
387201		1.31	1.68	321	1	4.85	49	790	5	0.43	<5	96	0.34	88	10	79
387202		0.43	0.15	111	<1	2.56	9	580	2	0.01	<5	33	0.18	29	<10	11
387203		0.06	0.09	44	<1	0.07	3	60	<2	0.01	<5	4	0.01	3	<10	7
387204		0.18	0.93	262	<1	2.26	92	420	<2	0.10	<5	118	0.24	198	10	23

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CERTIFICATE OF ANALYSIS TB03024292

Sample Description	Method / Analyte / Units / LOR	Ag-AA62 Ag ppm 1	Zn-AA62 Zn % 0.01
385980			
385981			
385982			
385983			
385984			3.13
385985			
385986		118	8.81
385987			
385988			
385989			
385990			
385991			
385992			
385993			
385994			
385995			
385996			
385997			
385998			
385999			
386000			
387467			
387151			
387152			
387153			
387154			
387001			
387155			
387156			
387157			
387158			
387159			
387160			
387161			
387162			
387163			
387201			
387202			
387203			
387204			

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CERTIFICATE OF ANALYSIS TB03024292

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppb 5	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
387205		1.06	8		<0.5	10.10	<5	370	<0.5	<2	5.54	<0.5	52	9	165	4.02
387206		0.83	5		<0.5	8.15	<5	70	<0.5	2	2.49	<0.5	9	7	56	1.62
387468		0.71	<5		<0.5	0.14	<5	70	<0.5	<2	>25	<0.5	1	1	2	0.22
387451		0.61	<5		<0.5	7.92	<5	770	<0.5	<2	3.87	<0.5	25	37	115	4.83
387452		0.57	549		<0.5	3.44	<5	70	<0.5	<2	0.44	<0.5	6	7	29	0.97
387453		2.02	19		<0.5	5.39	<5	180	<0.5	<2	3.97	<0.5	87	180	176	12.70
387454		0.60	<5		<0.5	1.76	<5	10	<0.5	<2	1.87	0.9	98	1225	50	6.53
387455		0.62	<5		<0.5	2.24	<5	10	<0.5	<2	1.10	<0.5	121	1195	1015	5.92
387456		0.80	<5		<0.5	1.98	<5	<10	<0.5	<2	2.06	<0.5	108	2110	24	6.71
387457		1.37	<5		<0.5	3.26	6	10	<0.5	<2	6.18	<0.5	84	1665	5	7.34
387458		1.33	<5		<0.5	1.20	7	<10	<0.5	<2	0.35	0.7	81	1425	5	5.37
387459		1.47	<5		<0.5	0.57	<5	<10	<0.5	<2	6.33	0.9	77	1205	4	3.85
387460		2.18	<5		<0.5	5.95	<5	60	<0.5	<2	11.30	0.7	47	609	4	6.71
387461		0.57	8		<0.5	1.68	9	<10	<0.5	<2	4.41	2.2	81	1955	7	6.39
387002		0.07	3390		0.7	7.21	304	380	<0.5	<2	4.81	1.2	25	108	148	5.47
387462		0.43	23		<0.5	3.67	<5	240	<0.5	2	3.58	<0.5	64	996	251	8.73
387463		0.35	9		<0.5	2.17	<5	100	<0.5	<2	0.98	<0.5	14	132	46	2.72
387464		0.41	<5		<0.5	2.10	<5	40	<0.5	<2	8.40	<0.5	48	654	27	4.30

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CERTIFICATE OF ANALYSIS TB03024292

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
	Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2
387205		1.17	1.18	516	2	2.76	359	800	9	0.26	<5	315	0.63	544	90	18
387206		1.24	0.58	214	<1	3.47	43	480	<2	0.01	<5	50	0.20	63	<10	12
387468		0.03	0.66	137	<1	0.09	2	130	3	<0.01	<5	87	0.01	2	<10	<2
387451		1.56	2.75	874	2	2.75	57	590	12	0.01	<5	360	0.23	105	10	55
387452		0.86	0.20	65	<1	1.52	8	260	<2	<0.01	<5	21	0.13	30	<10	7
387453		0.99	3.52	2070	4	0.89	148	480	18	6.36	<5	87	0.31	162	10	86
387454		0.03	>15	1085	7	0.07	1705	50	25	0.14	<5	8	0.07	69	10	112
387455		0.01	>15	889	6	0.04	1800	30	11	0.18	<5	9	0.05	75	10	26
387456		0.01	>15	730	6	0.06	1815	70	7	0.08	<5	12	0.10	80	10	41
387457		0.03	12.40	1530	5	0.25	793	60	2	0.01	<5	10	0.14	128	10	79
387458		<0.01	>15	628	7	0.01	2170	60	3	0.11	<5	2	0.06	70	<10	30
387459		0.01	>15	1150	6	0.07	1650	80	221	0.11	<5	16	0.03	34	<10	152
387460		0.19	6.35	1630	4	0.30	170	160	22	<0.01	<5	244	0.18	203	<10	84
387461		0.01	>15	907	10	0.05	1370	60	905	0.13	<5	48	0.07	81	10	390
387002		1.30	2.22	1055	8	1.45	52	790	48	1.44	197	230	0.73	162	20	150
387462		0.87	6.61	1155	4	0.46	228	120	15	0.03	<5	66	0.16	142	<10	48
387463		0.51	1.60	526	1	0.16	49	40	17	0.04	<5	22	0.04	30	<10	75
387464		0.32	4.35	1890	2	0.54	374	300	2	0.02	<5	44	0.08	74	10	37

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CERTIFICATE OF ANALYSIS TB03024292

Sample Description	Method Analyte Units LOR	Ag-AA62 Ag ppm 1	Zn-AA62 Zn % 0.01
387205 387206 387468 387451 387452			
387453 387454 387455 387456 387457			
387458 387459 387460 387461 387002			
387462 387463 387464			

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Date : 24-Jul-2003
Account: BM

Project : WRL03-006

CERTIFICATE OF ANALYSIS TB03025341

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppb 5	Au-GRA21 Au ppm 0.05	Au-AA23 Au Check ppb 5	Au-AA23 Au Check ppb 5	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1
387164		0.11	6				<0.5	7.26	19	100	<0.5	<2	6.71	<0.5	43	283
387165		0.25	8				<0.5	7.98	8	70	<0.5	<2	7.12	<0.5	41	204
387166		0.18	6				<0.5	7.68	<5	80	0.7	<2	0.97	<0.5	4	76
387167		0.21	33				0.7	8.60	<5	270	0.5	<2	3.12	<0.5	52	150
387168		0.14	<5				<0.5	1.06	11	<10	<0.5	<2	1.58	0.5	106	3990
387408		0.26	9				<0.5	7.66	<5	270	0.6	<2	2.54	<0.5	9	80
387169		0.21	16				<0.5	6.70	5	490	0.9	3	1.86	<0.5	20	319
387170		0.32	<5				<0.5	8.44	<5	290	<0.5	<2	3.64	<0.5	10	42
387171		0.14	<5				<0.5	7.88	<5	570	1.1	<2	1.80	<0.5	4	38
387172		0.16	<5				<0.5	4.12	<5	100	<0.5	2	0.88	<0.5	2	97
387411		0.12	<5				<0.5	0.11	5	60	<0.5	<2	>25	<0.5	1	6
387173		0.20	<5				<0.5	8.13	5	360	0.7	<2	2.01	<0.5	4	52
387174		0.44	5				<0.5	7.54	12	60	<0.5	<2	6.56	<0.5	45	164
387175		0.14	<5				<0.5	2.58	<5	140	<0.5	<2	0.50	<0.5	2	170
387176		0.18	<5				<0.5	7.97	<5	80	<0.5	4	1.88	<0.5	6	76
387177		0.22	<5				<0.5	0.31	<5	10	<0.5	<2	1.80	<0.5	110	4230
387178		0.21	6				<0.5	0.70	<5	<10	<0.5	<2	1.06	<0.5	8	172
387179		0.35	7				<0.5	5.13	<5	270	<0.5	<2	3.02	<0.5	17	143
387180		0.27	<5				<0.5	6.71	<5	100	<0.5	4	2.79	<0.5	7	98
387412		<0.02	1935				<0.5	4.82	11	490	<0.5	<2	1.54	<0.5	31	1125
387181		0.24	15				<0.5	6.93	<5	250	<0.5	6	2.15	<0.5	10	93
387182		0.32	6				<0.5	2.07	<5	30	<0.5	<2	2.50	<0.5	13	140
387183		0.31	19				<0.5	7.15	5	160	<0.5	7	6.58	<0.5	41	157
387409		0.26	22				<0.5	8.01	5	200	<0.5	10	7.56	<0.5	45	161
387184		0.24	9				0.8	1.25	<5	40	<0.5	<2	0.42	0.8	88	156
387185		0.12	<5			12	<0.5	1.47	<5	80	<0.5	2	0.50	<0.5	3	176
387186		0.13	287		264	479	<0.5	4.85	<5	200	<0.5	3	1.76	<0.5	3	116
387187		0.43	103			94	<0.5	4.63	<5	500	<0.5	5	1.42	<0.5	7	58
387207		0.23	16				<0.5	4.75	<5	100	<0.5	3	5.20	<0.5	3	93
387208		0.20	<5				<0.5	0.20	<5	10	<0.5	<2	0.09	<0.5	1	168
387209		0.08	10				<0.5	0.84	<5	40	<0.5	<2	0.16	<0.5	1	190
387210		0.33	90				<0.5	0.06	<5	<10	<0.5	<2	0.07	<0.5	1	140
387413		<0.02	3120				0.8	7.12	331	340	<0.5	8	4.69	1.5	24	106
387211		0.38	19				<0.5	0.13	<5	10	<0.5	<2	1.23	<0.5	3	80
387401		0.26	<5				<0.5	1.17	7	10	<0.5	<2	1.80	<0.5	27	959
387402		0.30	11				2.8	8.09	<5	330	0.6	8	2.50	<0.5	6	40
387414		0.10	<5				<0.5	0.18	<5	60	<0.5	<2	>25	<0.5	1	15
387403		0.43	15				<0.5	6.24	<5	30	<0.5	<2	3.62	<0.5	9	34
387404		0.32	8				<0.5	7.31	6	20	<0.5	5	8.24	<0.5	43	210
387405		0.13	26				<0.5	7.44	<5	330	0.7	2	1.48	<0.5	4	82

Comments: Highly mineralized samples may bias results for some elements. Sample 387186 exhibits Au nugget effect.

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Project : WRL03-006

CERTIFICATE OF ANALYSIS TB03025341

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Tl	V
	Units	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	1	0.01	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1
387164		40	6.70	0.41	5.76	1280	3	1.14	208	100	3	0.06	<5	120	0.13	176
387165		13	6.23	0.38	4.63	1120	2	1.76	162	150	4	0.04	<5	144	0.16	177
387166		4	1.08	0.57	0.43	192	<1	5.08	15	160	2	<0.01	<5	73	0.13	15
387167		622	3.32	1.78	0.62	314	1	1.40	15	580	7	0.55	<5	211	0.25	51
387168		4	6.82	0.01	>15	1090	4	0.02	1325	30	3	0.01	<5	16	0.01	60
387408		10	2.34	1.81	1.02	291	4	1.34	37	400	4	0.03	<5	204	0.21	52
387169		23	2.48	1.63	2.70	335	2	1.88	196	260	10	0.09	<5	178	0.12	25
387170		11	3.31	1.47	1.03	545	1	1.77	13	900	7	0.06	<5	186	0.33	57
387171		5	1.40	1.48	0.37	186	1	3.24	7	290	10	0.01	<5	180	0.13	21
387172		4	1.04	0.49	0.28	152	<1	1.77	8	260	3	<0.01	<5	83	0.12	24
387411		54	0.16	0.03	0.70	120	<1	0.06	1	100	<2	<0.5	<5	87	0.01	2
387173		25	0.97	2.45	0.40	168	1	1.41	14	430	6	<0.01	<5	132	0.20	45
387174		73	6.75	0.25	4.29	1100	1	2.11	103	210	<2	0.02	<5	182	0.31	232
387175		5	1.27	0.72	0.18	113	2	0.64	11	120	2	<0.01	<5	44	0.07	20
387176		5	1.09	0.65	0.57	246	3	4.97	11	500	4	0.01	<5	150	0.17	42
387177		2	7.43	0.01	>15	1180	5	0.03	1515	40	8	<0.01	<5	12	0.01	46
387178		5	1.70	0.01	1.36	339	4	0.02	25	10	<2	0.03	<5	4	0.01	37
387179		90	2.39	1.50	2.21	369	2	1.21	194	480	<2	0.01	<5	100	0.10	106
387180		3	1.36	0.66	0.97	257	2	3.53	63	1080	<2	<0.01	<5	146	0.27	84
387412		63	3.14	1.38	0.97	601	22	1.61	1400	410	32	0.03	<5	170	0.22	69
387181		25	2.78	1.54	0.86	314	3	1.65	11	400	6	0.05	<5	175	0.19	35
387182		5	2.15	0.22	1.54	582	4	0.23	47	30	3	<0.01	<5	35	0.04	53
387183		69	5.99	0.63	4.14	1075	6	1.58	101	120	9	0.01	<5	122	0.13	157
387409		24	6.75	0.78	4.67	1225	5	1.72	105	180	8	0.03	<5	130	0.17	187
387184		182	3.39	0.36	0.34	170	5	0.20	101	180	31	1.58	<5	9	0.05	17
387185		15	1.46	0.34	0.23	114	3	0.48	9	100	3	0.03	<5	21	0.04	18
387186		81	2.26	0.99	0.34	346	3	1.14	6	290	4	0.05	<5	130	0.13	20
387187		92	2.02	1.50	0.42	434	1	1.06	3	420	7	0.26	<5	155	0.10	25
387207		3	2.16	0.60	0.81	675	3	0.14	8	300	4	<0.01	<5	128	0.12	18
387208		3	0.68	0.04	0.01	39	1	0.07	4	50	<2	<0.01	<5	5	0.01	2
387209		8	0.89	0.16	0.06	64	3	0.40	5	50	6	0.01	<5	16	0.02	12
387210		11	0.65	0.01	0.03	106	2	0.02	8	30	2	0.02	<5	2	<0.01	2
387413		154	5.54	1.28	2.24	1105	8	1.42	53	770	44	1.48	93	228	0.70	165
387211		12	12.25	0.02	1.41	7210	6	0.02	5	320	2	0.08	<5	10	<0.01	4
387401		12	12.25	0.02	4.94	2740	5	0.03	456	130	2	0.11	<5	5	0.05	49
387402		36	2.21	2.26	0.79	538	2	2.83	11	520	1295	0.04	<5	173	0.18	33
387414		5	0.39	0.06	0.68	163	<1	0.09	3	130	5	0.01	<5	87	0.01	2
387403		116	2.44	0.11	0.98	457	1	2.50	9	760	8	0.02	<5	215	0.20	69
387404		21	6.63	0.18	5.03	1420	3	1.24	142	160	7	0.01	<5	122	0.18	178
387405		6	1.50	1.62	0.37	237	2	3.45	8	250	7	0.01	<5	188	0.13	20

Comments: Highly mineralized samples may bias results for some elements. Sample 387186 exhibits Au nugget effect.

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Project : WRL03-006

CERTIFICATE OF ANALYSIS TB03025341

Sample Description	Method Analyte Units LOR	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
387164		10	57
387165		10	55
387166		10	10
387167		10	37
387168		<10	64
387408		10	27
387169		10	39
387170		10	158
387171		10	42
387172		<10	20
387411		10	<2
387173		10	6
387174		10	43
387175		<10	6
387176		10	17
387177		<10	74
387178		<10	13
387179		40	17
387180		10	20
387412		10	38
387181		10	34
387182		<10	51
387183		10	78
387409		10	67
387184		<10	78
387185		<10	17
387186		<10	30
387187		10	35
387207		<10	23
387208		<10	3
387209		<10	5
387210		<10	9
387413		10	163
387211		<10	266
387401		10	28
387402		<10	33
387414		<10	<2
387403		<10	20
387404		10	62
387405		10	22

Comments: Highly mineralized samples may bias results for some elements. Sample 387186 exhibits Au nugget effect.

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CERTIFICATE OF ANALYSIS TB03025341

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppb 5	Au-GRA21 Au ppm 0.05	Au-AA23 Au Check ppb 5	Au-AA23 Au Check ppb 5	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1
387406		0.20	480				<0.5	6.39	<5	60	<0.5	5	7.10	<0.5	45	171
387407		0.13	8				<0.5	6.87	<5	150	<0.5	<2	1.84	<0.5	9	99
387469		0.18	223				<0.5	1.76	8	250	<0.5	<2	0.97	<0.5	6	162
387470		0.22	84				<0.5	7.33	6	860	<0.5	2	4.36	<0.5	43	246
387471		0.32	19				<0.5	7.75	5	1020	<0.5	2	4.66	<0.5	51	262
387472		0.12	19				<0.5	9.66	<5	2650	<0.5	2	0.84	<0.5	54	320
387473		0.17	23				<0.5	7.75	7	220	<0.5	<2	3.52	<0.5	46	120
387474		0.20	7				<0.5	7.15	<5	630	0.7	<2	1.19	<0.5	4	47
387415		0.15	<5				<0.5	0.19	<5	70	<0.5	<2	>25	<0.5	3	13
387475		0.15	15				<0.5	3.05	8	50	<0.5	<2	5.47	0.8	104	1745
387476		0.17	<5				<0.5	1.16	22	30	<0.5	<2	0.61	<0.5	86	1185
387477		0.26	10				<0.5	6.65	6	140	<0.5	5	6.45	0.7	50	27
387416		0.02	>10000	21.4			8.2	6.97	106	290	3.7	3	0.55	0.6	17	215
387478		0.17	296				<0.5	1.00	9	10	<0.5	<2	0.72	<0.5	105	1175
387479		0.16	8				<0.5	7.50	<5	90	<0.5	<2	6.59	<0.5	52	214
387480		0.23	34				<0.5	0.45	<5	10	<0.5	<2	0.67	<0.5	6	206
387481		0.13	12				<0.5	8.07	<5	40	<0.5	5	7.27	<0.5	54	252
387410		0.14	6				<0.5	1.08	7	10	<0.5	<2	0.82	<0.5	102	1070

Comments: Highly mineralized samples may bias results for some elements. Sample 387186 exhibits Au nugget effect.

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CERTIFICATE OF ANALYSIS TB03025341

Sample Description	Method Analyte Units LOR	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 K % 0.01	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Ti % 0.01	ME-ICP61 V ppm 1
387406		61	6.96	0.30	4.93	1335	3	1.39	135	140	6	0.26	<5	128	0.22	174
387407		55	3.62	0.84	0.74	489	1	2.67	24	630	5	0.04	<5	166	0.29	61
387469		5	1.46	0.42	0.62	319	2	0.85	22	370	<2	<0.01	<5	53	0.08	18
387470		43	6.52	1.59	3.20	1585	4	1.95	145	180	<2	0.01	<5	99	0.18	199
387471		94	7.60	2.31	3.10	1815	3	0.74	208	140	3	0.26	<5	110	0.20	211
387472		49	6.98	1.08	2.05	1250	2	4.29	215	150	5	0.03	<5	102	0.24	252
387473		57	6.74	0.45	3.32	1640	2	3.00	110	180	2	0.06	<5	82	0.25	233
387474		9	1.64	1.79	0.35	492	1	3.21	6	330	13	0.12	<5	186	0.14	26
387415		41	0.39	0.05	1.08	147	<1	0.09	3	120	<2	0.06	<5	77	0.01	4
387475		116	9.28	0.04	9.75	1370	4	0.09	925	130	<2	<0.01	<5	6	0.19	138
387476		2	5.16	0.02	>15	904	7	0.02	1730	50	4	0.02	<5	5	0.04	55
387477		166	10.15	0.39	3.74	1460	6	1.90	52	200	3	0.02	<5	217	0.57	365
387416		195	3.27	3.57	0.56	380	15	0.33	164	600	381	1.54	<5	188	0.26	142
387478		53	5.39	0.02	>15	728	7	0.01	2340	60	6	0.28	<5	12	0.05	48
387479		123	9.51	0.16	4.29	1460	4	1.28	148	270	2	0.02	<5	240	0.56	316
387480		2	1.44	0.01	0.55	173	2	0.02	48	10	<2	<0.01	<5	5	0.02	21
387481		129	6.80	0.11	3.35	1830	4	1.68	146	270	<2	0.04	<5	91	0.54	309
387410		72	5.66	0.01	>15	752	8	0.02	2500	30	5	0.28	<5	12	0.05	49

Comments: Highly mineralized samples may bias results for some elements. Sample 387186 exhibits Au nugget effect.

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CERTIFICATE OF ANALYSIS TB03025341

Sample Description	Method Analyte Units LOR	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
387406		10	66
387407		10	43
387469		<10	19
387470		10	88
387471		10	98
387472		10	60
387473		10	84
387474		10	30
387415		<10	<2
387475		10	93
387476		10	86
387477		10	95
387416		40	164
387478		10	44
387479		20	96
387480		10	10
387481		10	102
387410		<10	47

Comments: Highly mineralized samples may bias results for some elements. Sample 387186 exhibits Au nugget effect.

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Project : WRL03-008

CERTIFICATE OF ANALYSIS TB03027475

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppb 5	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 K % 0.01
387005		0.93	6	<0.5	0.80	<5	80	<0.5	<2	0.21	<0.5	1	11	9	1.50	0.22
387006		1.42	<5	<0.5	6.31	6	20	<0.5	4	8.55	<0.5	29	42	24	6.85	0.22
387007		2.04	<5	<0.5	0.73	<5	20	<0.5	<2	0.31	<0.5	1	13	6	1.79	0.11
387008		1.25	<5	<0.5	1.10	<5	60	<0.5	2	0.78	<0.5	7	68	22	2.62	0.27
387103		1.03	<5	<0.5	3.27	5	20	<0.5	<2	3.89	<0.5	84	1745	14	6.53	0.01
387104		1.20	61	<0.5	0.55	12	10	<0.5	3	1.40	<0.5	17	306	15	2.66	<0.01
387107		1.27	10	0.6	4.11	<5	120	<0.5	3	12.35	<0.5	62	2030	3	6.64	0.71
387196		1.15	<5	<0.5	8.74	<5	150	0.8	<2	1.13	<0.5	8	9	97	2.03	0.82
387197		0.98	19	<0.5	3.68	6	10	0.9	6	2.48	<0.5	4	28	34	17.60	0.03
387198		0.94	4570	0.6	1.32	<5	110	<0.5	9	0.06	<0.5	15	13	572	2.80	0.40
387199		1.44	<5	<0.5	9.71	10	500	1.1	<2	4.95	<0.5	18	82	32	5.97	1.64
387423		1.81	14	<0.5	1.22	<5	<10	<0.5	<2	0.06	<0.5	3	36	21	5.52	0.01
387424		1.19	11	0.9	2.46	<5	50	<0.5	2	1.28	1.5	81	38	174	10.35	0.21
387425		0.97	<5	0.5	6.50	<5	110	0.6	<2	3.84	<0.5	34	92	105	5.09	0.47
387426		1.84	<5	<0.5	0.26	5	<10	1.4	6	1.67	<0.5	6	25	18	>25	0.01
387427		1.68	<5	1.0	9.63	<5	750	0.7	3	7.11	<0.5	34	114	73	6.68	1.86
387428		0.73	2150	<0.5	1.76	<5	130	<0.5	3	0.11	<0.5	6	14	910	2.01	0.50
387429		0.07	1795													
387430		2.49	<5	<0.5	1.64	<5	10	1.1	<2	1.65	<0.5	8	28	37	7.87	0.03
387450		1.67	<5	0.7	0.15	<5	80	<0.5	5	>25.0	<0.5	1	1	3	0.34	0.04

Comments: ** CORRECTED COPY for sample descriptions on all samples **

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Project : WRL03-008

CERTIFICATE OF ANALYSIS TB03027475

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sr ppm 1	ME-ICP61 Tl % 0.01	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
387005		0.14	104	<1	0.10	6	50	<2	<0.01	<5	17	0.02	7	<10	14
387006		2.29	1635	<1	0.65	51	180	2	<0.01	<5	60	0.22	146	<10	72
387007		0.12	103	<1	0.23	4	110	<2	<0.01	<5	20	0.02	4	<10	9
387008		0.98	331	1	0.06	35	100	<2	0.02	<5	14	0.06	19	<10	38
387103		12.40	1070	1	<0.01	1335	70	5	0.19	<5	120	0.01	100	<10	218
387104		1.48	504	<1	<0.01	159	30	<2	0.21	<5	18	0.01	21	<10	15
387107		6.51	1685	<1	0.07	594	50	4	0.09	<5	114	0.03	158	<10	106
387196		0.30	181	<1	4.29	6	220	7	0.01	<5	178	0.15	9	<10	33
387197		1.93	7300	2	0.04	11	500	<2	0.09	<5	11	0.19	31	<10	86
387198		0.04	114	<1	0.40	20	50	2	1.37	<5	9	0.01	2	<10	3
387199		2.27	678	<1	1.67	44	1380	7	0.30	<5	335	0.48	102	<10	56
387423		0.46	631	7	0.01	7	80	<2	0.14	<5	1	0.09	44	<10	24
387424		0.84	515	1	0.33	144	120	4	4.46	<5	46	0.09	61	<10	324
387425		1.35	1100	<1	0.85	77	240	<2	1.20	<5	152	0.34	166	<10	152
387426		1.76	1095	3	0.02	<1	1100	7	0.02	<5	9	0.01	1	<10	27
387427		3.15	1095	<1	1.81	70	2090	3	0.23	<5	498	0.47	178	<10	92
387428		0.05	54	<1	0.58	8	60	<2	0.52	<5	16	0.01	2	<10	4
387429															
387430		1.12	1505	3	0.06	7	430	<2	0.02	<5	7	0.06	26	<10	60
387450		0.94	154	<1	0.06	3	100	<2	<0.01	<5	106	0.01	2	10	2

Comments: ** CORRECTED COPY for sample descriptions on all samples **

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CERTIFICATE OF ANALYSIS TB03034463

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppb 5	Au-AA23 Au Check ppb 5	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
387117		0.51	6		<0.5	8.24	<5	290	0.7	<2	1.68	<0.5	9	57	16	2.81
387118		0.77	14		1.0	0.11	<5	10	<0.5	<2	0.19	<0.5	2	162	14	3.11
387119		1.07	5		<0.5	8.38	<5	210	1.0	<2	1.74	<0.5	7	40	23	2.63
387120		0.57	8		<0.5	3.45	<5	280	0.5	<2	0.59	<0.5	1	98	8	0.90
387121		0.70	357		6.0	6.82	<5	790	0.6	11	0.80	<0.5	7	64	491	3.55
387122		0.72	5		<0.5	2.07	<5	130	<0.5	<2	0.20	<0.5	1	112	7	0.94
387123		0.90	<5		<0.5	3.84	<5	130	0.7	<2	0.31	<0.5	1	81	3	0.59
387124		0.58	<5		<0.5	3.92	<5	20	1.1	<2	1.34	<0.5	1	88	33	5.42
387125		0.91	<5		<0.5	5.94	<5	460	0.7	<2	3.01	<0.5	4	57	3	2.23
387126		0.70	<5		<0.5	7.94	<5	290	0.9	<2	1.70	<0.5	3	32	5	2.42
387127		0.37	<5		<0.5	5.01	5	550	0.8	<2	1.22	<0.5	25	82	37	1.78
94581		0.05	1840		0.5	5.51	<5	520	0.9	<2	1.56	<0.5	32	910	65	3.27
387128		1.24	2370		<0.5	0.67	<5	10	<0.5	<2	1.38	<0.5	3	117	76	12.00
387129		0.98	17		<0.5	2.37	5	80	<0.5	<2	12.30	<0.5	81	3330	12	5.33
387130		1.04	195		<0.5	0.80	<5	40	<0.5	<2	0.22	<0.5	3	15	38	2.01
387131		0.65	6		<0.5	2.86	<5	10	0.5	<2	0.86	<0.5	6	68	25	22.7
387132		0.81	<5		<0.5	2.63	<5	90	0.5	<2	0.36	<0.5	1	11	3	1.74
387133		0.92	<5		<0.5	7.97	<5	210	1.3	<2	0.96	<0.5	3	7	2	2.12
387134		1.90	<5		<0.5	8.35	<5	150	0.8	<2	3.33	<0.5	13	33	8	3.66
387135		1.62	45		<0.5	9.44	<5	20	<0.5	<2	8.92	<0.5	48	182	54	7.60
94582		1.41	<5		<0.5	0.11	9	50	<0.5	2	>25	<0.5	<1	2	3	0.18
387431		1.46	<5		<0.5	7.79	<5	530	0.6	<2	3.84	<0.5	13	26	235	5.13
387432		1.74	371		4.4	1.98	<5	160	<0.5	24	0.21	<0.5	47	26	2190	3.20
387433		8.63	24		0.6	5.68	<5	450	0.9	2	1.20	<0.5	29	22	978	3.25
387434		1.88	22		<0.5	6.77	<5	370	1.2	<2	1.54	<0.5	5	9	66	2.26
387435		3.77	745		1.9	4.39	<5	160	0.5	<2	4.00	<0.5	34	30	1710	4.86
387436		5.30	4590	4030	14.0	3.75	<5	140	<0.5	7	2.78	<0.5	35	30	3180	7.62
387438		1.00	7		<0.5	3.03	<5	40	<0.5	<2	3.91	<0.5	11	25	68	8.16
94583		0.09	4990	5310	1.2	4.47	71	230	1.0	<2	2.10	<0.5	12	114	79	15.95
94408		0.64	13		1.1	1.51	<5	30	<0.5	<2	5.18	<0.5	246	35	364	>25
94409		1.09	<5		0.6	8.96	<5	80	0.6	<2	10.20	<0.5	23	126	75	9.20
387496		2.09	<5		<0.5	0.89	<5	20	<0.5	<2	2.68	<0.5	107	1240	34	7.80
387497		1.63	<5		<0.5	7.24	<5	710	1.0	2	3.66	<0.5	10	30	16	3.33
387498		2.44	<5		<0.5	1.20	26	20	<0.5	<2	3.01	<0.5	94	2310	278	8.35
387499		1.93	<5		<0.5	0.04	6	10	<0.5	<2	20.8	<0.5	<1	10	6	1.41
387500		2.33	<5		<0.5	1.37	<5	50	<0.5	<2	0.58	<0.5	10	29	81	3.76
94351		2.13	<5		<0.5	8.98	<5	390	<0.5	<2	5.97	<0.5	46	247	72	6.33
94352		1.23	<5		<0.5	3.65	24	120	<0.5	<2	8.04	<0.5	55	1090	95	7.64
94584		1.12	<5		<0.5	0.07	12	40	<0.5	<2	>25.0	<0.5	<1	1	1	0.14

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: P... ON L... LOP... TS L... D
615-800 W PENDER ST
VANCOUVER BC V6C 2V6

... # : 3
Total # of p...es : 2 (A - B)
Date : 17-Sep-2003
Account: BM

Project : WRL03-019

CERTIFICATE OF ANALYSIS TB03034463

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
	Units	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.01	5	1	0.01	1	10	2	0.01	5	1	0.01	1	10	2
387117		1.25	0.73	663	<1	3.42	15	390	9	0.01	<5	227	0.23	54	10	86
387118		0.03	0.15	174	1	0.03	12	140	6	0.25	<5	3	<0.01	4	<10	16
387119		1.11	0.60	263	<1	3.57	7	460	13	0.05	<5	200	0.20	26	<10	27
387120		0.68	0.12	79	<1	0.99	8	70	5	0.01	<5	91	0.05	7	<10	7
387121		3.02	0.28	94	<1	0.66	5	360	6	0.72	<5	76	0.15	26	50	12
387122		0.68	0.14	78	2	0.19	9	180	2	0.01	<5	34	0.07	14	<10	6
387123		0.60	0.08	75	<1	1.83	8	120	4	<0.01	<5	74	0.03	4	<10	10
387124		0.30	0.87	2470	<1	0.84	3	380	12	0.10	<5	134	0.09	22	<10	48
387125		2.21	1.26	569	<1	0.21	16	600	7	<0.01	<5	194	0.16	24	<10	22
387126		1.37	0.42	699	<1	3.33	6	440	10	0.01	<5	204	0.19	22	<10	44
387127		1.65	0.50	188	<1	0.65	10	250	6	0.12	<5	112	0.09	16	<10	10
94581		1.42	1.04	621	22	1.61	1440	430	34	0.03	<5	198	0.23	76	<10	38
387128		0.03	1.20	2580	2	0.05	11	310	2	0.84	<5	14	0.05	11	<10	40
387129		0.45	7.70	1835	<1	0.02	807	100	4	0.06	<5	116	0.04	80	<10	117
387130		0.22	0.29	455	3	0.04	5	180	<2	0.13	<5	12	0.02	8	<10	12
387131		0.04	4.03	4590	<1	0.02	24	1040	11	0.10	<5	7	0.12	46	<10	146
387132		0.55	0.24	196	<1	0.80	3	200	6	0.01	<5	57	0.05	9	<10	20
387133		1.12	0.43	282	<1	3.60	3	340	13	<0.01	<5	226	0.16	22	<10	40
387134		1.14	1.06	712	<1	1.96	25	880	10	0.01	5	220	0.31	64	<10	47
387135		0.33	6.18	1540	<1	1.14	168	130	11	0.13	<5	107	0.21	228	140	72
94582		0.02	1.17	135	<1	0.05	6	80	<2	<0.5	<5	105	<0.01	2	<10	3
387431		1.14	1.23	1225	<1	2.06	28	680	10	0.26	<5	150	0.33	67	<10	69
387432		0.87	0.17	56	29	0.29	31	80	<2	2.27	<5	11	0.04	30	<10	22
387433		1.76	0.80	249	29	1.23	17	500	5	1.10	<5	64	0.13	64	<10	27
387434		2.08	0.48	191	1	1.52	7	470	9	0.20	<5	160	0.17	34	<10	51
387435		1.40	2.26	906	1	0.35	46	120	9	0.64	<5	61	0.16	124	10	51
387436		1.06	2.53	851	300	0.31	39	120	3	0.61	<5	42	0.16	115	200	56
387438		0.13	3.46	1805	3	0.13	18	510	8	0.15	<5	22	0.10	31	50	66
94583		0.80	1.52	624	<1	0.47	39	490	112	1.13	<5	142	0.16	68	10	51
94408		0.09	0.48	1460	3	0.23	466	90	9	>10	<5	28	0.14	65	10	18
94409		0.20	1.65	3560	<1	1.89	52	510	6	1.28	<5	148	0.86	338	<10	104
387496		0.01	>15.0	1255	<1	0.02	1765	60	3	0.01	<5	6	0.09	68	<10	59
387497		2.03	1.19	488	<1	1.80	28	550	10	0.01	<5	439	0.15	71	<10	52
387498		0.01	>15.0	1595	<1	0.01	1495	100	4	0.37	<5	40	0.12	77	<10	79
387499		0.01	0.23	2250	<1	0.01	7	30	2	0.02	<5	142	<0.01	1	<10	15
387500		0.06	0.97	230	<1	0.32	9	150	3	0.49	<5	27	0.15	42	<10	20
94351		1.46	3.13	1290	<1	2.34	159	130	3	0.05	<5	143	0.21	241	10	69
94352		0.08	8.59	1625	<1	1.02	308	170	6	0.01	<5	124	0.37	209	<10	81
94584		0.01	0.93	124	<1	0.03	2	70	4	<0.01	<5	95	<0.01	2	<10	<2

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615-800 W PENDER ST
VANCOUVER BC V6C 2V6

...g# : ...A
Total # of pages : 4 (A - C)
Date : 28-Aug-2003
Account: BM

Project : WRL03-011

CERTIFICATE OF ANALYSIS TB03030294

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppb 5	Au-GRA21 Au ppm 0.05	Au-AA23 Au Check ppb 5	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1
387249		4.32	10			0.6	7.39	<5	160	0.7	<2	2.52	0.6	15	13	98
387250		2.80	<5			0.7	8.86	8	240	0.8	<2	4.07	0.5	21	14	73
387251		1.89	684			1.0	5.56	<5	160	0.9	<2	2.23	1.2	10	28	71
387252		2.39	202			0.7	6.87	5	180	1.0	<2	3.30	1.1	13	30	109
387253		3.17	330			<0.5	7.43	6	140	0.5	<2	4.14	<0.5	29	148	96
387254		2.97	5970			1.1	4.95	<5	130	0.7	2	2.09	7.7	17	25	195
387255		2.80	13			<0.5	7.96	<5	150	0.7	<2	3.39	<0.5	15	37	37
387256		4.29	12			<0.5	7.72	<5	140	0.7	<2	4.00	<0.5	11	36	40
387257		1.93	1405		1500	1.8	6.28	<5	160	0.9	3	3.15	4.6	16	36	75
387258		1.06	502		804	0.7	7.20	<5	260	0.9	<2	1.89	6.5	12	29	93
387351		1.90	46		41	<0.5	8.16	10	200	0.8	<2	2.96	0.7	19	29	57
387352		1.42	202			1.2	6.96	7	150	1.0	<2	5.86	3.1	24	62	205
387353		3.08	59			<0.5	8.10	<5	120	0.6	<2	6.14	<0.5	45	86	137
387354		2.29	5			<0.5	5.07	<5	110	0.5	<2	1.83	<0.5	7	23	30
387355		4.02	21			2.7	7.97	<5	170	0.8	5	4.78	1.7	20	40	72
387356		1.56	123			1.1	7.34	5	120	1.0	<2	6.52	<0.5	28	100	257
387357		3.22	11			1.0	7.99	8	170	0.8	<2	2.49	<0.5	28	12	186
387358		2.50	53			<0.5	7.05	<5	160	0.7	<2	3.91	<0.5	17	26	79
387359		1.96	107			0.5	7.69	<5	200	0.8	<2	3.71	0.5	16	25	80
387360		2.64	<5			<0.5	8.38	10	150	0.8	<2	2.85	<0.5	8	12	19
387361		0.88	8			0.6	6.12	5	80	0.6	<2	2.53	<0.5	10	23	90
387490		0.09	1835			0.5	5.33	9	470	0.8	<2	1.54	<0.5	30	885	63
387491		0.58	<5			<0.5	0.09	<5	30	<0.5	<2	>25.0	<0.5	<1	2	1
387259		1.50	<5			<0.5	8.29	<5	160	0.7	<2	3.69	<0.5	10	23	37
387260		1.51	585			0.5	7.76	<5	220	0.8	<2	3.20	4.1	17	45	75
387261		1.82	<5			<0.5	5.76	<5	30	<0.5	<2	3.92	<0.5	23	66	10
387262		1.42	25			<0.5	7.44	7	140	0.5	<2	2.79	<0.5	11	37	37
387263		1.48	56			<0.5	8.27	<5	240	0.8	<2	2.09	<0.5	13	23	10
387264		3.12	11			<0.5	6.82	<5	30	<0.5	<2	7.53	<0.5	51	611	28
387265		2.34	15			<0.5	6.51	<5	30	<0.5	<2	7.70	<0.5	40	98	92
387266		1.39	<5			<0.5	8.39	<5	80	<0.5	<2	7.31	<0.5	43	128	22
387267		1.98	<5			<0.5	1.11	<5	10	<0.5	<2	1.09	<0.5	7	32	3
387268		0.56	<5			<0.5	0.59	<5	10	<0.5	<2	0.53	<0.5	4	15	3
387269		1.29	<5			<0.5	8.37	<5	90	<0.5	<2	7.93	<0.5	45	126	15
387270		1.56	<5			<0.5	9.29	14	450	1.0	<2	4.41	<0.5	19	19	28
387362		2.89	<5			<0.5	7.65	<5	170	0.7	<2	4.50	<0.5	17	32	20
387363		4.60	17			<0.5	8.22	<5	190	0.7	<2	3.15	<0.5	15	33	80
387364		2.36	56			0.5	6.81	<5	120	0.8	<2	5.32	1.1	19	42	130
387365		2.05	308			14.9	4.83	5	110	0.7	41	4.83	87.6	13	24	234
387366		3.11	214			<0.5	8.56	5	120	0.5	<2	6.26	0.5	39	122	74

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615-800 W PENDER ST
VANCOUVER BC V6C 2V6

...B #: ...
Total # of p...es : 4 (A - C)
Date : 28-Aug-2003
Account: BM

Project : WRL03-011

CERTIFICATE OF ANALYSIS TB03030294

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Zn ppm 2	Zn-AA62 Zn % 0.01
387249		135	
387250		112	
387251		165	
387252		216	
387253		69	
387254		427	
387255		50	
387256		43	
387257		617	
387258		559	
387351		114	
387352		504	
387353		196	
387354		27	
387355		246	
387356		176	
387357		68	
387358		71	
387359		113	
387360		97	
387361		105	
387490		37	
387491		<2	
387259		47	
387260		857	
387261		50	
387262		36	
387263		20	
387264		83	
387265		86	
387266		92	
387267		23	
387268		12	
387269		97	
387270		45	
387362		89	
387363		138	
387364		206	
387365		7170	
387366		123	

Work Report Summary

Transaction No: W0420.00261 **Status:** APPROVED
Recording Date: 2004-FEB-04 **Work Done from:** 2003-JUN-01
Approval Date: 2004-MAR-01 **to:** 2003-SEP-15

Client(s):

108575 BIRON BAY RESOURCES LIMITED
129617 ENGLISH, PERRY VERN

900

Survey Type(s):

ASSAY GEOL

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
G 2020268	$7,115	$7,115	$0	$0	$0	0	$7,115	$7,115	
G 2020269	$3,788	$3,788	$0	$0	$0	0	$3,788	$3,788	
G 2020270	$4,613	$4,613	$0	$0	$0	0	$4,613	$4,613	
G 2020271	$5,164	$5,164	$0	$0	$0	0	$5,164	$5,164	
G 2020272	$2,545	$2,545	$0	$0	$0	0	$2,545	$2,545	
G 2020273	$1,911	$1,911	$0	$0	$0	0	$1,911	$1,911	
G 2020274	$4,019	$4,019	$0	$0	$0	0	$4,019	$4,019	
G 2020275	$2,084	$2,084	$0	$0	$0	0	$2,084	$2,084	
G 2020276	$3,113	$3,113	$0	$0	$0	0	$3,113	$3,113	
G 2020277	$2,422	$2,422	$0	$0	$0	0	$2,422	$2,422	
G 2020278	$1,557	$1,557	$0	$0	$0	0	$1,557	$1,557	
G 2020279	$1,112	$1,112	$0	$0	$0	0	$1,112	$1,112	
G 2020280	$3,090	$3,090	$0	$0	$0	0	$3,090	$3,090	
G 2020281	$2,051	$2,051	$0	$0	$0	0	$2,051	$2,051	
G 2020282	$2,422	$2,422	$0	$0	$0	0	$2,422	$2,422	
G 2020283	$2,315	$2,315	$0	$0	$0	0	$2,315	$2,315	
G 2020284	$2,776	$2,776	$0	$0	$0	0	$2,776	$2,776	
G 2020285	$1,152	$1,152	$0	$0	$0	0	$1,152	$1,152	
G 2020286	$2,074	$2,074	$0	$0	$0	0	$2,074	$2,074	
G 2020287	$2,435	$2,435	$0	$0	$0	0	$2,435	$2,435	
KRL 1184925	$2,619	$2,619	$0	$0	$0	0	$2,619	$2,619	2005-FEB-17
KRL 1239678	$1,326	$1,326	$0	$0	$0	0	$1,326	$1,326	2004-JUL-25
KRL 1239679	$5,895	$5,895	$0	$0	$0	0	$5,895	$5,895	2004-JUL-25
	$67,598	$67,598	$0	$0	$0	$0	$67,598	$67,598	

External Credits: $0

Reserve:

$67,598 Reserve of Work Report#: W0420.00261

$67,598 Total Remaining

Status of claim is based on information currently on record.

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

Tel: (888) 415-9845
Fax:(877) 670-1555

Date: 2004-MAR-01

BIRON BAY RESOURCES LIMITED
10TH FLOOR, 145 KING STREET
TORONTO, ONTARIO
M5H 1J8 CANADA

Submission Number: 2.27190
Transaction Number(s): W0420.00261

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,

Ron C Gashinski.

Ron C. Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

Biron Bay Resources Limited
(Claim Holder)

Perry Vern English
(Claim Holder)

Assessment File Library

Biron Bay Resources Limited
(Assessment Office)

Redstar Gold Corp.
(Agent)

52M01SE2035 2.27190 BALL 200

ONTARIO CANADA — MINISTRY OF NORTHERN DEVELOPMENT AND MINES — PROVINCIAL MINING RECORDER'S OFFICE

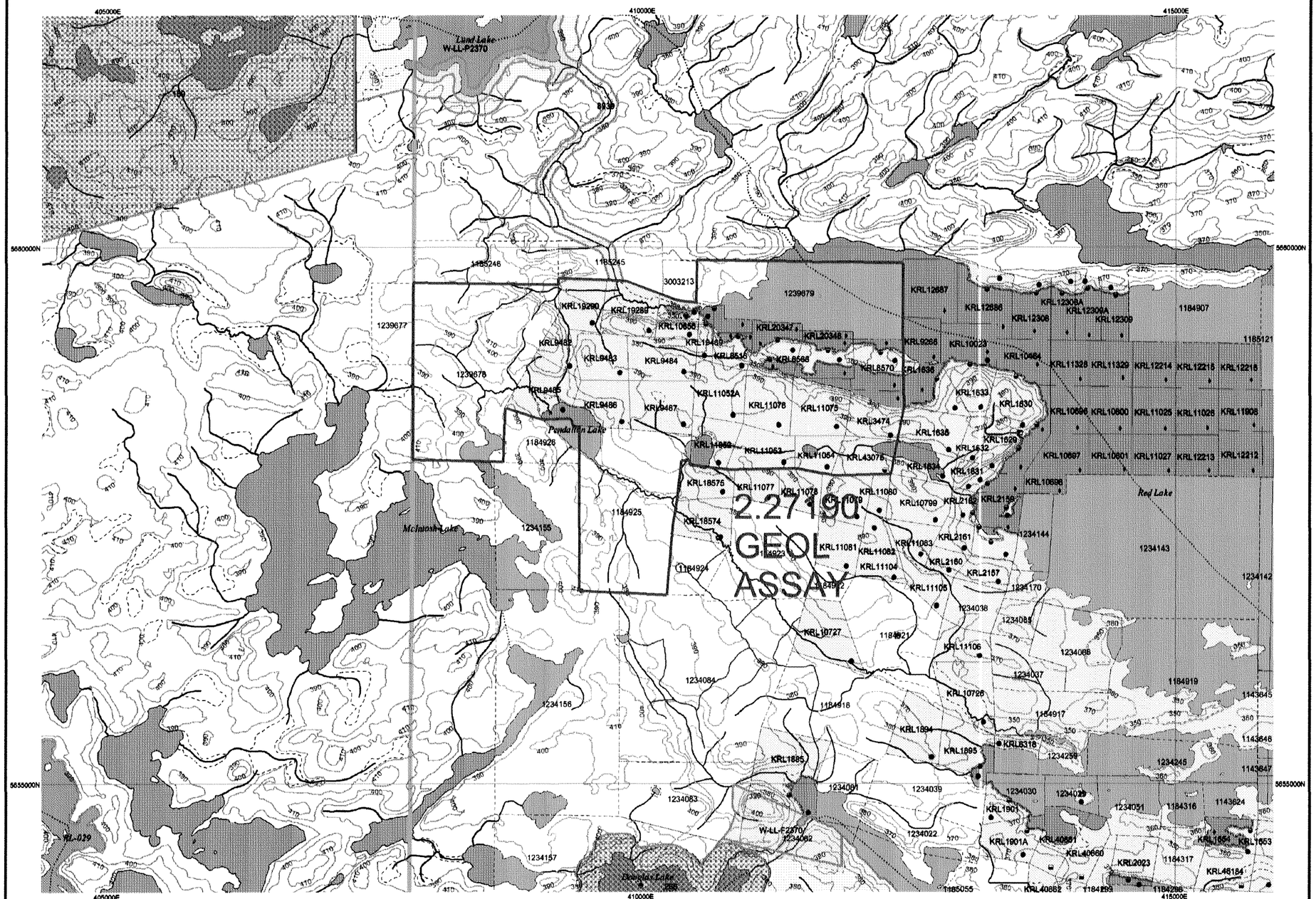
Mining Land Tenure Map

Date / Time of Issue: Mon Mar 29 13:24:37 EST 2004

TOWNSHIP / AREA	PLAN
BALL	G-3740

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division	Red Lake
Land Titles/Registry Division	KENORA
Ministry of Natural Resources District	RED LAKE



TOPOGRAPHIC

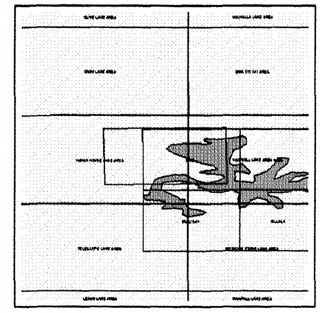
- Administrative Boundaries
- Township
- Concession, Lot
- Provincial Park
- Indian Reserve
- Cliff, Pit & Pile
- Contour
- Mine Shafts
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

Freehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Leasehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Licence of Occupation
- Uses Not Specified
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only
- Land Use Permit
- Order In Council (Not open for staking)
- Water Power Lease Agreement
- 1234567 Mining Claim
- 1234567 Filed Only Mining Claims



LAND TENURE WITHDRAWALS

1234 Areas Withdrawn from Disposition

Mining Acts Withdrawal Types
- Wsm Surface And Mining Rights Withdrawn
- Ws Surface Rights Only Withdrawn
- Wm Mining Rights Only Withdrawn

Order In Council Withdrawal Types
- W'sm Surface And Mining Rights Withdrawn
- W's Surface Rights Only Withdrawn
- W'm Mining Rights Only Withdrawn

Na IMPORTANT NOTICES

Scale 1:40000

700m 0m 2.1km

LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
266	Wsm	Jan 1, 2001	PENDING APP.FOR EXPLORITORY LICENSE OIL NATURAL GAS (R 765) MNR
8939	Wsm	Jan 1, 2001	LUND LAKE RESERVE 12 FEB 91 SRO
W-LL-F2370	Wsm	Aug 29, 2002	<a href=" http://www.mndm.gov.on.ca/MNDM/MINES/LANDS/liveg/borwest/2002orders/ollaug/wf2370.htm LL-F2370 ONT M&S withdrawal S.35 Mining Act RSO 1999. 29/08/02 Boundary generally depicts area withdrawn Click to view actual area w <a/>.
W-LL-P2370	Wsm	Aug 29, 2002	<a href=" http://www.mndm.gov.on.ca/MNDM/MINES/LANDS/liveg/borwest/2002orders/ollaug/wp2370.htr LL-P2370 ONT M&S withdrawal S.35 Mining Act RSO 1999, 29/08/02 Boundary generally depicts area withdrawn Click to view actual area w <a/>.
159	Wsm	Jan 1, 2001	WOODLAND CARIBOU PROVINCIAL PARK

Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

General Information and Limitations

Contact Information:
Provincial Mining Recorders' Office
Willet Green Miller Centre 933 Ramsey Lake Road
Sudbury ON P3E 6B5
Home Page: www.mndm.gov.on.ca/MNDM/MINES/LANDS/mismnpge.htm

Toll Free
Tel: 1 (888) 415-9845 ext 5776
Fax: 1 (877) 670-1444

Map Datum: NAD 83
Projection: UTM (6 degree)
Topographic Data Source: Land Information Ontario
Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to stake mining claims may not be illustrated.

409000 410000 411000 412000

5660000 5659000 5658000

N

1185246 1185245 3003213 1239679

KRL1920 KRL19289 KRL10656 KRL11642 KRL20347 KRL20348

KRL9482 KRL9483 KRL9484 KRL8513 KRL8568 KRL8569 KRL8570

1239678

KRL9485 KRL9486 KRL9487 KRL11052 KRL11076 KRL11075 KRL3474

1184926 KRL11053 KRL11054 KRL43075

1184925 1184923

BL8600N BL9600N

REDSTAR GOLD CORPORATION

Pipestone West Properties

Grid Plan

2.27190

0 100 200 400 600 Meters

Figure 4. 1:5,000

52M01SE2035 2.27190 BALL 210

409000 410000 411000 412000

5660000 5659000 5658000

N

1185246 1185245 1239679 1239678 1184925 1184923

3003213

KRL1920 KRL19289 KRL10656 KRL11642 KRL20347 KRL20348

KRL9482 KRL9483 KRL9484 KRL8513 KRL8568 KRL8569 KRL8570

KRL9485 KRL9486 KRL9487 KRL11052 KRL11076 KRL11075 KRL3474

KRL11053 KRL11054 KRL43075

BL8600N BL9600N

Legend

Rock Unit

- 6c - QFP
- 6b Felsic Volcanic Undif
- 5a Mafic Volcanic
- 6t Felsic Volcanic
- 7a Meta-Sediment
- 7b Meta-Sediment Wacke
- 7f Iron Formation
- 7h Meta-Sediment Chert/Wacke
- 10g Meta-Gabbro
- 10p Ultramafic
- 12a Bt Granodiorite
- 15c KSP Granodiorite
- 12b Bt Hb Tonalite Grdr

Structural Symbols

- CT- Contact
- F1- Fold Axis
- FAULT
- Foliation
- Quartz Vein
- S2/S1 Foliation
- overburden.
- swamp.

Faults

- Late Fault
- Thrust Fault
- Transfer Fault

REDSTAR GOLD CORPORATION

Pipestone West Properties

Property Geology
2003

2.27190

0 100 200 400 600 Meters

Figure 5. 1:5,000

409000 410000 411000 412000

5660000 5659000 5658000

N

1185246 1185245 1239679 1239678 1184926 1184925 1184923

3003213

KRL1920 KRL19289 KRL10656 KRL11642 KRL20347 KRL20348 KRL9482 KRL9483 KRL9484 KRL8573 KRL8568 KRL8569 KRL8570 KRL9485 KRL9486 KRL9487 KRL11076 KRL11075 KRL11052 KRL3474 KRL11053 KRL11054 KRL43075

Pipestone Bay of Red Lake

Biron Bay

BL9600N BL8600N

Ledge 1 Ledge 2 Ledge 3 Ledge 4 700 Zone

Legend

- Samples
- Grid Lines
- Redstar Showings
- Lakes
- Access Road/Trail
- Contours (10m)
- Creeks

0 25 50 100 150 200 250 Meters

REDSTAR GOLD CORPORATION

Sample Location Map

2.27190

Figure 12 | Scale: 1:4,000