

2. 220 85

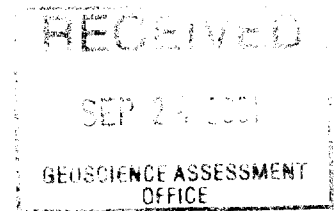
Rubicon Minerals Corporation

**Physical Work Submission Report
September, 2001**

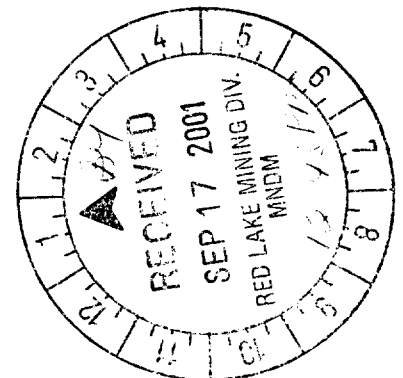
**PIPESTONE NORTH PROPERTY
CLEARING, STRIPPING AND SAMPLING
Pipestone Bay Area**

**Ball & Todd Townships
Red Lake Mining Division**

NTS 52/M1



Submitted by:
Ian Russell
Rubicon Minerals Corporation
Vancouver, British Columbia
September 16, 2001



Introduction:

This report presents a brief regional geological description of the rocks exposed on claim KRL1185121 in north-eastern Pipestone Bay, during 5 days of clearing and hand-stripping of old trenches. Included is a breakdown of the type of equipment used, the dates that the work was done and a map showing the location of the cleared and stripped trenches.

Geological Description :

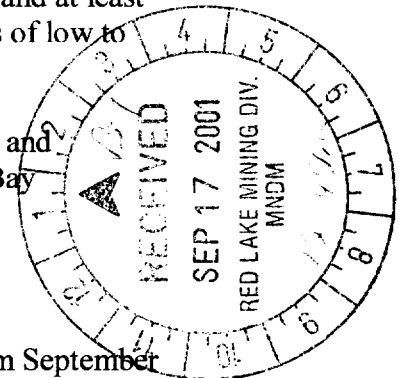
The Red Lake greenstone belt records a 300 million year history of episodic volcanism, sedimentation, deformation, and mineralization. The Balmer assemblage, host to current and past-producing gold mines, consists of tholeiitic and komatiitic lava flows, ultramafic intrusive rocks, intercalated with 2.98-2.96 billion year old (Ga) felsic volcanic, clastic, and chemical sedimentary rocks. The Ball assemblage comprises crustally contaminated komatiite, tholeiitic basalt, 2.94-2.92 Ga calc-alkaline, felsic volcanic rocks, and stromatolitic carbonate. The Slate Bay assemblage of quartz-rich wacke and conglomerate, with an age less than 2.91 Ga, records accumulated Balmer-age material, prior to the 2.89 Ga intermediate pyroclastic volcanism and sedimentation of the Bruce Channel assemblage. The Confederation assemblage rests unconformably on the Balmer, and consists of basal conglomerate, 2.74 Ga FIII-type rhyolite, tholeiitic basalt with volcanogenic-massive-sulphide-style alteration-mineralization, and 2.73 Ga calc-alkaline pyroclastic rocks. Polyphase deformation involved pre-Confederation tilting and at least two episodes of post-Confederation deformation reflected in folds and fabrics of low to moderate finite strain.

The rocks exposed in the trenches on claim KRL1185121 consist of quartzite and gabbro/anorthosite. The quartzite may be correlative with rocks of the Slate Bay assemblage. The gabbro/anorthosite is of unknown age.

Physical Work:

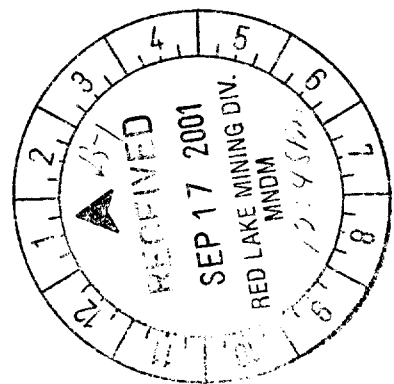
Clearing, hand-stripping and sampling took place over a period of 5 days from September 12 to September 16. Figure 1 shows the location of the claims worked on and major geographical features. Figure 2 shows the location of 2 trenches that were cleared of brush and debris, hand-stripped, and sampled. During the 5 days of work 4 other trenches were identified within the immediate vicinity. The work was done by Perry English (5 days x \$200/day), Ron Gangloff (5 days x \$200/day), Michael Desmeules (1 day x \$200/day), and Ian Russell (1 day x \$250/day), all employed under contract to Rubicon Minerals Corporation. Clearing and stripping of the trenches was achieved with the use of chain saws, and hand tools (e.g. mattocks, picks and shovels). The work was done to expose potential precious and/or base metal mineralization discovered by previous workers.

Within the trenches, narrow (<10 cm) sulphide-rich seams and quartz veins penetrate both quartzite and gabbro/anorthosite. Pyrite is the dominant sulphide mineral, with



2 . 220 85

possible pyrrhotite and chalcopyrite occurring locally. Clots of massive very fine-grained magnetite were observed in rare quartz veinlets. Fifteen samples were collected from the trenches and submitted for Au-fire assay, PGE, and ICP analysis at \$35/sample.





1185121

5 4 3 2

quartzite

#1 WP

KRL11639

outcrop

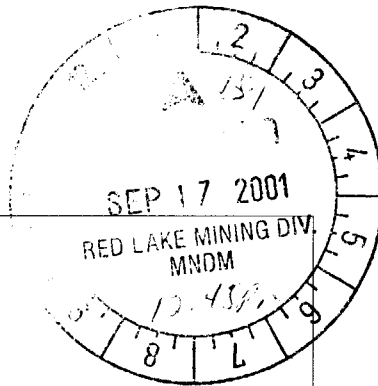
#2 WP

gabbro/anorthosite





RLR32961

- RLR32953
- RLR32954
- RLR32957
- RLR32958
- RLR32959
- RLR32960
- RLR32962
- RLR32963
- RLR32964
- RLR32965
- RLR32966
- RLR32967

Figure 2



Legend

-  Sample location
-  Claim Boundaries
-  Trenches (trench 1 & 2 cleared and stripped)
-  Shoreline



Pipestone Bay

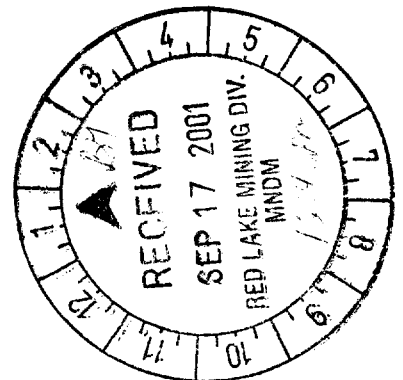
1184741

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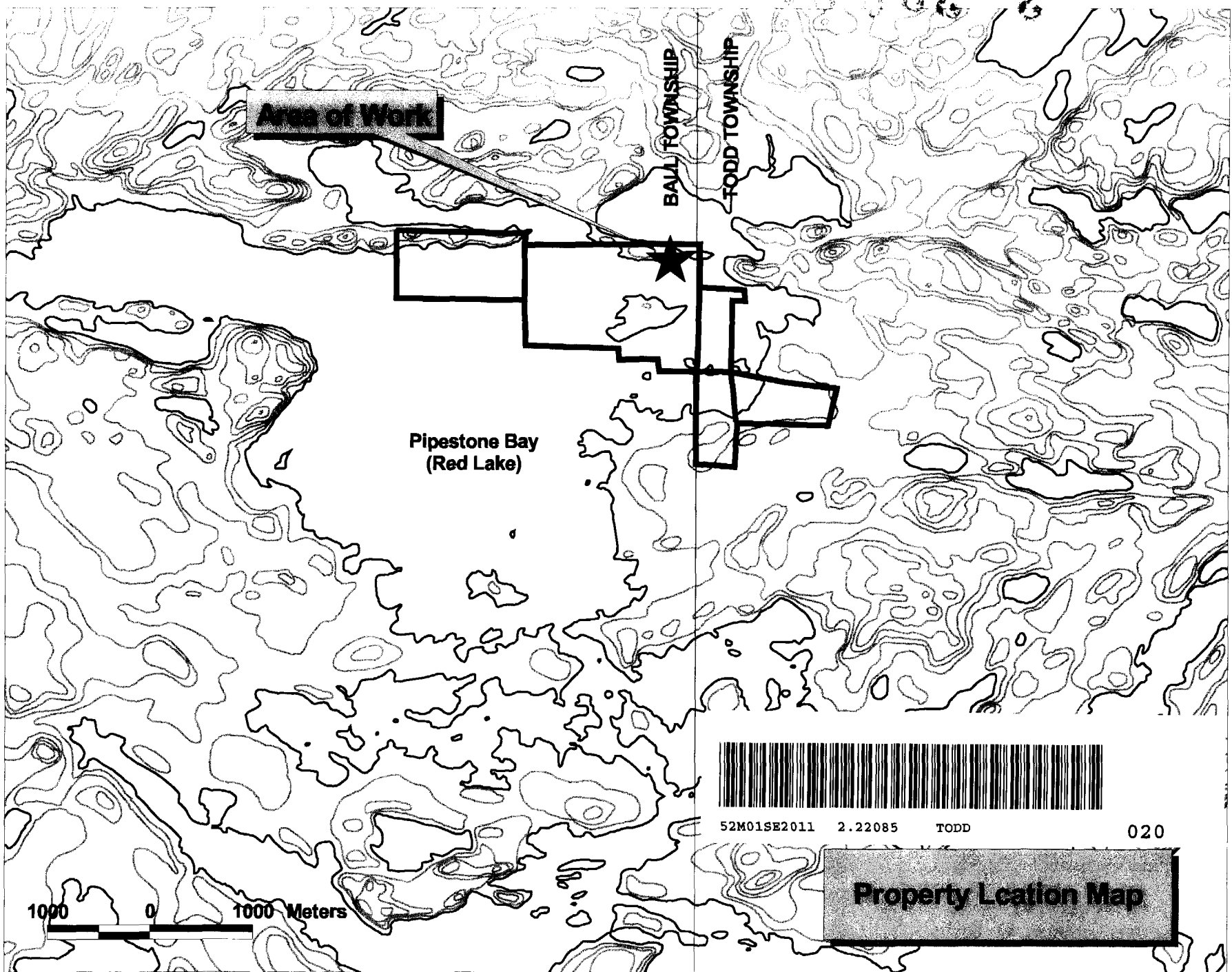
3. 220 85

Details on Trenches

Trench #	Length (ft)	Depth (ft)	Width (ft)
1	64	6	7
2	100	4	5.5
3	80	2.5	2.5
4	15	1	2
5	35	3	3
6	100	4	3



22.2



Area of Work

BALL TOWNSHIP

TODD TOWNSHIP

Pipestone Bay
(Red Lake)



52M01SE2011 2.22085 TODD 020

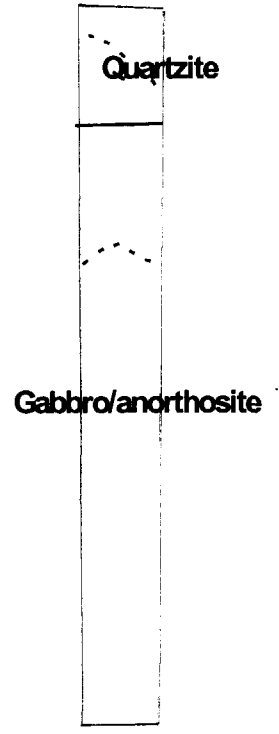
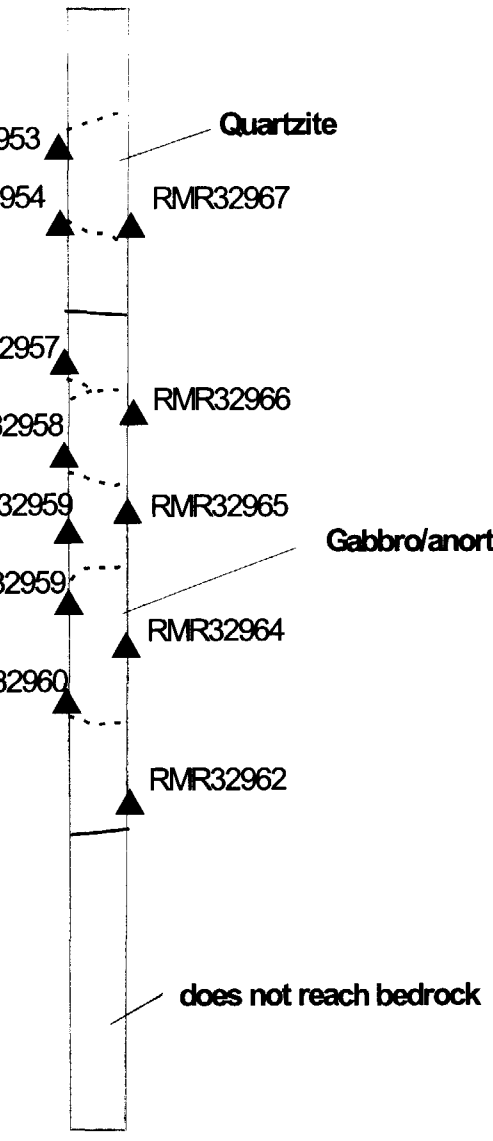


Property Location Map



Legend

- Geologic contact
- - - quartz-sulphide seams
- ▲ rock sample



Trench #2

Trench #1



Detailed Map of Trenches



ALS Chemex

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 Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
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ANS17

A012506

Comments: ATTN: DAVID ADAMSON

CERTIFICATE

A0125063

(SHA) - RUBICON MINERALS CORPORATION

Project:
 P.O. #:

Samples submitted to our lab in Thunder Bay, ON.
 This report was printed on 05-OCT-2001.

SAMPLE PREPARATION

METHOD CODE	NUMBER SAMPLES	DESCRIPTION
255	26	RUSH Geo ring to approx 150 mesh
295	26	RUSH crush and split (0-3 Kg)
3202	26	Rock - save entire reject
3285	26	ICP-587 Tri Acid Dig'n Charge

ANALYTICAL PROCEDURES

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
Au-AA23r	26	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
Au-GRA21	2	Au oz/T: 1 assay ton	FA-GRAVIMETRIC	0.002	30.000
Ag-ICP61	26	Ag ppm:Tri Acid Dig. ICP Package	ICP-AES	0.5	100
Al-ICP61	26	Al %:Tri Acid Dig. ICP Package	ICP-AES	0.01	25.00
As-ICP61	26	As ppm:Tri Acid Dig. ICP Package	ICP-AES	5	10000
Ba-ICP61	26	Ba ppm:Tri Acid Dig. ICP Package	ICP-AES	10	10000
Be-ICP61	26	Be ppm:Tri Acid Dig. ICP Package	ICP-AES	0.5	1000
Bi-ICP61	26	Bi ppm:Tri Acid Dig. ICP Package	ICP-AES	2	10000
Ca-ICP61	26	Ca %: Tri Acid Dig. ICP Package	ICP-AES	0.01	25
Cd-ICP61	26	Cd ppm:Tri Acid Dig. ICP Package	ICP-AES	0.5	500
Co-ICP61	26	Co ppm:Tri Acid Dig. ICP Package	ICP-AES	1	10000
Cr-ICP61	26	Cr ppm:Tri Acid Dig. ICP Package	ICP-AES	1	10000
Cu-ICP61	26	Cu ppm:Tri Acid Dig. ICP Package	ICP-AES	1	10000
Fe-ICP61	26	Fe %:Tri Acid Dig. ICP Package	ICP-AES	0.01	25.00
K-ICP61	26	K %:Tri Acid Dig. ICP Package	ICP-AES	0.01	10.00
Mg-ICP61	26	Mg %:Tri Acid Dig. ICP Package	ICP-AES	0.01	15.00
Mn-ICP61	26	Mn ppm:Tri Acid Dig. ICP Package	ICP-AES	5	10000
Mo-ICP61	26	Mo ppm:Tri Acid Dig. ICP Package	ICP-AES	1	10000
Na-ICP61	26	Na %:Tri Acid Dig. ICP Package	ICP-AES	0.01	10.00
Ni-ICP61	26	Ni ppm:Tri Acid Dig. ICP Package	ICP-AES	1	10000
P-ICP61	26	P ppm:Tri Acid Dig. ICP Package	ICP-AES	10	10000
Pb-ICP61	26	Pb ppm:Tri Acid Dig. ICP Package	ICP-AES	2	10000
S-ICP61	26	S %:Tri Acid Dig. ICP Package	ICP-AES	0.01	10.00
Sb-ICP61	26	Sb ppm:Tri Acid Dig. ICP Package	ICP-AES	5	10000
Sr-ICP61	26	Sr ppm:Tri Acid Dig. ICP Package	ICP-AES	1	10000
Ti-ICP61	26	Ti %:Tri Acid Dig. ICP Package	ICP-AES	0.01	10.00
V-ICP61	26	V ppm: Tri Acid Dig. ICP Package	ICP-AES	1	10000
W-ICP61	26	W ppm: Tri Acid Dig. ICP Package	ICP-AES	10	10000
Zn-ICP61	26	Zn ppm:Tri Acid Dig. ICP Package	ICP-AES	2	10000



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CERTIFICATE OF ANALYSIS A0125063

SAMPLE	PREP CODE		Au ppb	Au FA Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %
			RUSH oz/ton	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)	(ICP)
	255	295																		
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	255	295																		
	255	295																		
	255	295																		
RMR32953	255	295	< 5	< 0.5	0.20	< 5	< 10	< 0.5	< 2	8.3	< 0.5	4	128	29	4.77	0.03	4.19	5710	1	0.07
RMR32954	255	295	10	2.0	0.04	< 5	< 10	< 0.5	< 2	4.3	< 0.5	18	123	136	12.83	< 0.01	2.02	3070	< 1	0.06
RMR32957	255	295	< 5	< 0.5	0.03	< 5	< 10	< 0.5	< 2	2.1	< 0.5	1	231	9	1.82	< 0.01	1.26	1120	3	0.04
RMR32958	255	295	5	< 0.5	1.76	< 5	80	< 0.5	< 2	12.0	< 0.5	6	9	21	5.80	0.45	5.97	8770	< 1	0.08
RMR32959	255	295	< 5	< 0.5	0.56	< 5	< 10	< 0.5	4	15.0	< 0.5	5	103	22	5.98	0.02	6.35	>10000	< 1	0.08
RMR32960	255	295	< 5	< 0.5	0.07	< 5	10	< 0.5	< 2	6.7	< 0.5	1	161	5	2.52	0.01	3.61	3000	3	0.05
RMR32961	255	295	< 5	< 0.5	0.09	< 5	< 10	< 0.5	< 2	7.2	< 0.5	3	112	16	4.74	0.01	3.64	5030	< 1	0.06
RMR32962	255	295	10	< 0.5	0.09	< 5	< 10	< 0.5	< 2	10.0	< 0.5	4	58	12	5.11	0.01	4.85	6400	< 1	0.07
RMR32963	255	295	< 5	< 0.5	0.29	< 5	< 10	< 0.5	2	11.0	< 0.5	7	44	40	7.12	0.01	6.54	>10000	1	0.08
RMR32964	255	295	< 5	1.0	2.12	< 5	30	< 0.5	< 2	13.0	< 0.5	38	13	84	10.42	0.22	5.52	8980	< 1	0.11
RMR32965	255	295	< 5	< 0.5	1.15	< 5	< 10	< 0.5	< 2	10.5	< 0.5	8	66	10	4.79	0.06	4.89	6870	5	0.15
RMR32966	255	295	< 5	< 0.5	2.27	< 5	40	< 0.5	< 2	10.0	< 0.5	13	67	40	6.90	0.28	4.44	6320	3	0.20
RMR32967	255	295	25	< 0.5	6.74	< 5	160	< 0.5	2	6.0	< 0.5	62	158	334	9.62	0.57	4.05	1930	< 1	0.38

CERTIFICATION:

David Adamson



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Project :
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CERTIFICATE OF ANALYSIS	A0125063
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SAMPLE	PREP CODE	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	S % (ICP)	Sb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)
RMR32953	255 295	12	30	10	0.52	< 5	13	< 0.01	10	< 10	28
RMR32954	255 295	74	< 10	4	8.37	< 5	7	< 0.01	3	< 10	14
RMR32957	255 295	8	30	< 2	0.42	< 5	4	< 0.01	2	< 10	8
RMR32958	255 295	23	320	8	0.94	< 5	63	0.09	26	< 10	36
RMR32959	255 295	22	40	4	1.26	< 5	41	0.03	21	< 10	28
RMR32960	255 295	7	80	2	0.18	< 5	9	< 0.01	3	< 10	16
RMR32961	255 295	8	90	< 2	0.83	< 5	11	< 0.01	4	< 10	18
RMR32962	255 295	8	20	< 2	1.10	< 5	13	< 0.01	4	< 10	22
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RMR32964	255 295	72	330	< 2	4.57	< 5	69	0.10	34	< 10	42
RMR32965	255 295	28	70	< 2	0.43	< 5	39	0.05	18	< 10	38
RMR32966	255 295	35	170	2	1.72	< 5	64	0.08	22	< 10	32
RMR32967	255 295	105	190	< 2	0.89	< 5	107	0.25	218	10	62

CERTIFICATION:

David Adamson

Date: 2001-NOV-27

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

Submission Number: 2.22085
Transaction Number(s): W0120.30726

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.

The revisions outlined in the Notice dated October 12, 2001 have been corrected. Accordingly, assessment work credit has been approved as outlined on the Declaration of Assessment Work Form that accompanied this submission.

If you have any question regarding this correspondence, please contact BRUCE GATES by email at bruce.gates@ndm.gov.on.ca or by phone at (705) 670-5856.

Yours Sincerely,



Ron Gashinski
Supervisor, Geoscience Assessment Office

Cc: Resident Geologist

Perry Vern English
(Claim Holder)

Ronald Bruce Gangloff
(Claim Holder)

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