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NORTHWEST ALBERTA PROJECT

MINERAL ASSESSMENT REPORT

Metallic and Industrial Minerals
Permit Nos. 9397010001 and 9397010002

Permit Holder Alan David Lewis

Submitted by

713803 Alberta Ltd.

May 17, 2001

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Executive Summary

The last mineral assessment report was submitted on May 14, 1999. In that report it was indicated that 713803 Alberta Ltd. would continue to conduct further work to try to establish that commercially recoverable quantities of precious metals existed within target ore bodies.

That further work has in fact continued, being done almost entirely by Al Lewis. The work has encompassed continuing extraction technique and assay analysis at Mr. Lewis' home-based lab facilities as well as testing on a pilot scale of ore preparation and leach extraction. Unfortunately, none of that additional work in the period since May 1999 has been successful in establishing either the existence of significant quantities of precious metals on a widespread basis in the ore bodies or a commercially viable technique to extract those precious metals.

In terms of new approaches to the leaching extraction technique analysis, cyanide was tested . Historically cyanide has been the most commonly used leaching agent for precious metal recovery but had not been previously utilized in any 713803 Alberta Ltd. testing. Results obtained were negative. Leach testing also continued with other agents including bromine and chlorine based products as well as acids. The residues from the leaching tests were assayed by Mr. Lewis,. Beads obtained by Mr. Lewis from his assay process were in some instances submitted to third party labs to confirm their precious metal content. This further leach testing is described in more detail in section 2 of this report.

For the pilot plant testing, approximately 20 tons of raw ore were recovered from two different surface locations within the permit area and stockpiled under cover in Ponoka. A sample of 250 pounds of this raw ore was ground in a tractor PTO driven rod mill. The ground ore was then mixed with water and circulated as a slurry to allow contact with the bromide leaching agent. Several operational problems were encountered which are

described in more detail in section 3 of this report and any further pilot plant testing was suspended.

Finally, 713803 Alberta Ltd. has maintained contact with other companies or individuals who are pursuing similar efforts to extract precious metals from similar ores to determine if any joint efforts are feasible. These discussions have not led to any joint ventures at this time.

713803 Alberta Ltd. is currently reviewing all matters at this stage and will determine its future steps at an early date.

1.0 Introduction

713803 Alberta Ltd. was incorporated in 1996 for the purpose of pursuing exploration and development of potential precious metal bearing properties in northwestern Alberta including the properties that are the subject of this report held under metallic and industrial minerals permit #9397010002 and #9397010001 in the name of Alan David Lewis, a shareholder of 713803 Alberta Ltd. (see figure 1.1 showing mineral permit location).

A Mineral Assessment Report, file number 19990013, was filed on May 14, 1999 and described the work undertaken up to that point in time. This report updates the further work conducted in the last two-year period with respect to the subject permit lands. The further work has consisted primarily of continuing lab analysis by Alan Lewis in his home-based facilities supported by a limited amount of external lab analyses.

In addition, Alan Lewis undertook the design and construction of a small pilot scale rod mill and leaching facility which endeavored to test the viability of leach extraction at the next step up from lab scale.

Other than visits to the permit sites for purposes of recovering additional material for testing, including the pilot testing, no further exploration work was conducted to delineate the extent of ore bodies.

Discussions have continued with a limited number of other companies to determine if there was interest in pursuing any exploration/analysis work on the subject permit lands. These discussions did not lead to any projects.

These various activities will be described in more detail in the following sections of the report.

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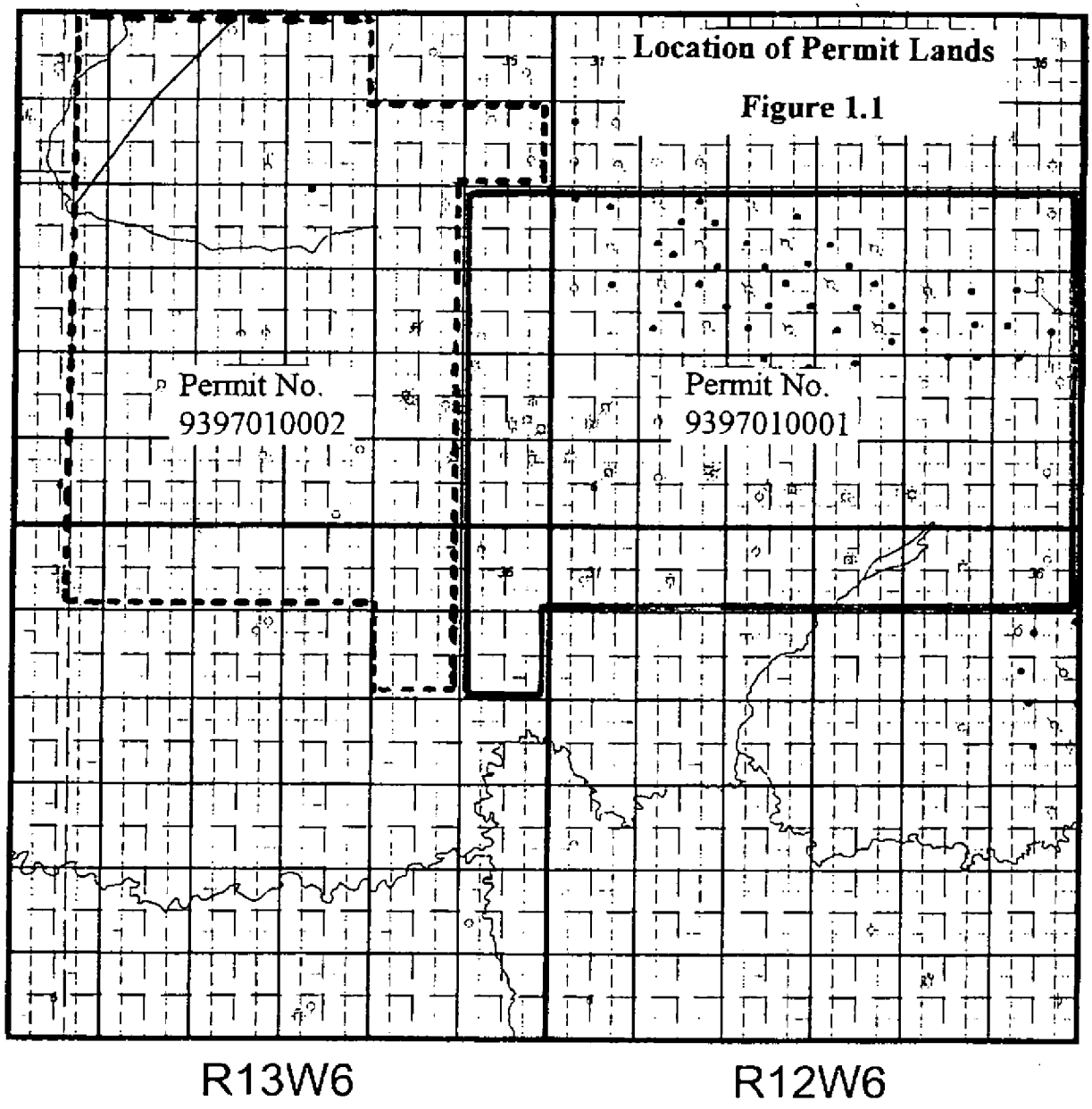


713803 Alberta Ltd.

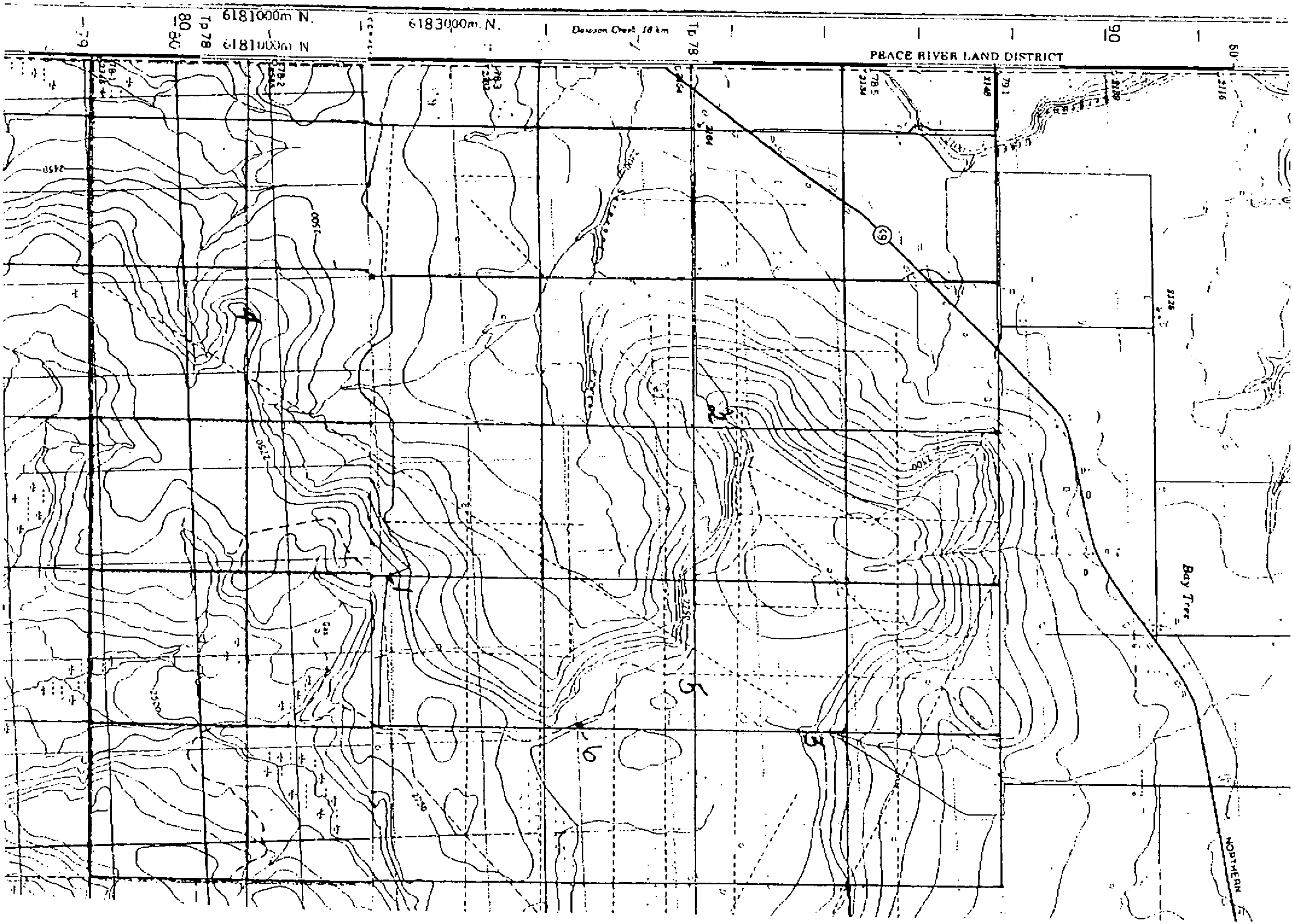
Location of Alan D. Lewis Permits

Permit No. 9397010001

Permit No. 9397010002

Licensed to : Geo-Energy Ventures Ltd.

SCOUT geoLOGIC	By :	Date : 1999/06/02
	Scale =1:125000	Project : untitled



Alan Lewis,
Box 18, Site 13.
R.R. 1,
Ponoka, Alberta T4J 1R1.

Alberta Energy.
Coal & Mineral Development,
7th Floor, North Tower, Petroleum Plaza,
9945 - 108 St.,
Edmonton, Alberta. T5K 2G6.

ATTN: Hazel Henson.

Re: **Metallic & Industrial Minerals Permit Nos. 9397010001 and 9397010002 (Assessment Report No. 20010008 Northwest)**

In reply to your letter of August 1/01, regarding the locations of samples:

1. We have enclosed a map of the lease area with numbers at the 6 different locations from which samples were taken.

2. On the submission with the date of tests and numbers etc. (this would be in ATTACHMENT 2.1 of the report), we have added the corresponding map location number to the right of the ore type in each test.

3. Numbers **1,3,4 & 5** on the map are **sandstone** samples.
Number **6** location is **conglomerate** samples.
Number **2** location is **conglomerate** except for test nos. **443-444-470-479-525-571 & 579,** which are **sandstone** samples.

We trust this is the information you require. Please contact us if any more clarification is needed.

Yours truly,

[redacted]

Alan Lewis.

2. Lab Scale Mineral Content Analysis

Lab scale analyses were conducted by:

- Al Lewis (196 tests in total) at his home lab
- Loring Laboratories Ltd.-5 Tests Reports
- Metallurgical Research and Assay Laboratory- 4 Test Reports
- Auric Metallurgical Laboratories – 3 Test Reports

Each of these series of tests will be described below.

2.1 Al Lewis

A chronological summary of all test conducted by Al Lewis from April 30th of 1999 to April 18, 2001 is included as attachment 2.1. Columns 1 and 2 show the date when the test commenced and the test # respectively.

Column 3 shows the type and source of ore tested and the size of the sample used in the test in terms of the number of assay tons.

Column 4 describes the pre treatment and/or leaching agent used to extract precious metals.

Column 5 provides the results obtained. Where the bead obtained has been tested for precious metal content by an external laboratory the results obtained from the external laboratory are stated. In those instances where no external analysis has been done the value stated is that measured by Al Lewis. Unless otherwise noted the value stated will be the milligram weight of the bead obtained.

Approximately one-quarter of the tests obtained only a trace or no measurable precious metal beads. In other tests , particularly those where the bead was analyzed by external laboratories, the beads are found to contain significantly more silver than gold which obviously reduces the value. As was reported in the 1999 mineral assessment report, consistency and repeatability of results continues to be a problem. However, the fact that in some tests significant values of precious metal are obtained provides the basis for continuing efforts to develop a repeatable and commercially viable extraction process.

2.2 Loring Laboratories

All the tests conducted by Loring were to analyze the precious metal content of eleven beads obtained from test conducted by Al Lewis. Five Loring test reports are included in chronological order as attachment 2.2. An examination of these test results will show significant variability in precious metal content.

Of particular note is the test dated January 9, 2001 which shows the results of the analysis of 5 beads obtained using cyanide as the leaching agent. Cyanide had not been tested as a leaching agent in the prior work by Al Lewis. Only test #625 showed a significant value of gold and indicated that cyanide as a leaching agent did not produce any better results than previous chloride and bromide tests.

2.3 Metallurgical Research and Assay Laboratory

All of the tests conducted by this laboratory were also on beads obtained by Alan Lewis and are included chronologically according to Lewis test numbers.(535, 544, 545 and 547) and are included as attachment 2.3. These tests were more encouraging in that all four beads analyzed found significant levels of gold and platinum group metals.

2.4 Auric Metallurgical Laboratories

This is a laboratory which had not been used by 713803 Alberta in previous testing reported in the May 1999 Mineral Assessment Report. This laboratory is located in Salt Lake City, Utah. Tests were performed by Auric on eleven beads obtained from Al Lewis tests and also on for raw ore samples provided by Mr. Lewis. The tests on the Lewis beads are included as attachment 2.4.1. Of these eleven bead tests, three show significant gold values. (Lewis test numbers 459,462 and 470). This result is somewhat similar to the Loring results wherein most of the beads had relatively low gold content.

The raw head ore assay tests performed by Auric are included as attachment 2.4.2. These four tests show quite consistent levels of gold, silver and platinum group metals and did provide encouragement to us since other laboratories, as reported in the May 1999 Mineral Assessment Report, were unable to report any precious metal content from assays conducted directly on raw head ore.

3.0 Pilot Plant Project

In discussions both internally within 713803 Alberta Ltd. and externally with other interested parties, it was determined that it would be very beneficial if we could establish the capability to extract gold or others precious metals at a pilot scale. Al Lewis constructed and operated a small pilot plant as described in his report included as attachment 4. While it appears that problems encountered in the leaching process could be overcome with future design changes, a more significant problem is the need to first establish a leaching process that would be economically viable before attempting further proof on the pilot scale level.

4.0 Discussions with Other Companies

Further discussions were held with geologists from B H P and Placer Dome. Both of these companies had been previously contacted and had provided letter reports to 713803 Alberta Ltd. as reported in the May 1999 Mineral Assessment Report. At this time, no further interest has been expressed by these companies.

Contact has also been maintained with Birch Mountain Ltd. who are public company that has been active for several years in pursuing Alberta gold and platinum prospects. While interest has been expressed in pursuing possible cooperative work with 713803 Alberta Ltd., no arrangements have been established to date.

Finally, discussions were held with a third private company, who expressed interest in our project but wished to see more consistent confirmation of our results before proceeding with any further consideration of participation in our project.

5.0 Summary of Expenditures

Most of the expenditures incurred by 713803 Alberta Ltd. in the period covered by this report (May 1999 to April 2001) are contributed labor by shareholders in a 713803 the Alberta Ltd. and in particular, Al Lewis. Expenditures fall into categories as summarized below :

5.1 Contributed Labor

(a) Lab Analysis and Testing - Al Lewis Home Lab

[redacted]

(see Attach. 5.1(a) for detail)

(b) Pilot Plant Construction and Operation

[redacted]

(see Attach 5.1 (b) for detail)

(c) Field Trips for Sample Recovery, Trips to Laboratories, Trips for Business Discussions
(see Attach 5.1 (c) for detail)

[redacted]

Sub Total $143,300.00

5.2 Materials, Services and Travel Expenses

[redacted]

Sub Total $ 25,797.75

5.3 Report Preparation

[redacted]

Sub Total $ 2,250.00

Grand Total Costs **$171,347.75**

ATTACHMENT 2.1

TEST PROCEDURES & VALUES

DATE	TEST #	ORE	PROCESS	VALUE
Apr. 30/99	#436	SS - 2AT 1	Aqua Regia	.333
May 2/99	#437	SS - 2AT 1	H2SO4- PRETREAT	.262 NOT PARTED
May 3/99	#438	SS - 3AT 1	Aqua Regia	
May 4/99	#439	SS - 3AT 1	NaBr	.421 NOT PARTED
May 11/99	#440	SS - 3AT	H2SO4 & NaOH PRETREATS	.384 NOT PARTED
May 17/99	#441	Drill Hole #1- 4AT 1	H2SO4 PRETREAT	trace
May 17//99	#442	Far West SS- 4	H2SO4 PRETREAT	trace
May 18/99	#443	SS - 2AT 2	HNO3 PRETREAT	trace
May 18/99	#444	SS - 2AT 2	Panned	Au. .009, Ag. .458, Pl. .041, Pd. .001 -Auric
May 21/99	#445	5-15 SS-3AT 1	Dried	4 size 7 beads NOT PARTED
May 21/99	$446	DH#1 SS-3AT 1	H2SO4 PRETREAT.	analysis Salt Lake: Au. .025 , Ag. 1.089, Pl. .016, Pd. .002
May 22/99	#447	from test #421 - 3AT	Dried	Au .025, Ag. 1.089, Pl. .014, Pd. .002 -Auric
May 22/99	#448	from test #421- 3AT	Dried 3 times - H2SO4 PRETREAT	Size 7 bead - NOT PARTED
May 24/99	#449	FWSS - 2AT 4	Panned	trace
May 24/99	#450	5-15 SS-2AT 1	Panned	trace
May 24/99	#451	from test #421 - 3AT	Dried	.465-NOT PARTED
June 3/99	#452	from test #421- 3AT	Dried	2 size 8 beads- NOT PARTED
June 4/99	#453	SS - 3AT 5	KI leach	.247 mgs.
June 6/99	#454	SS - 2nd. 1/2 of #453 5	KI leach	.647 mgs.
June 7/99	#455	P.C. SS-6AT 5	KI leach	A. .60 mgs parted
June 9/99	#456	FWSS-6AT 4	KI leach	.087 opT
June 11/99	#457	FWSS-3AT 4	KI leach	Loring analysis - Au.-.025, Ag.-2.74 mgs.
June 13/99	#458	FWSS-3AT 4	NaBr &KI leach	2.85 mgs. NOT PARTED
June 20/99	#459	FWSS - 4AT 4	Chloride leach	Auric Salt Lake - Au.-.222, Pt.-.067

DATE	TEST	ORE	PROCESS	VALUE
June 21/99	#460	FWSS-3AT 4	NaBR & KI	Auric Salt Lake Au.-.018, Ag.-.216, Pt.-.047
June 25/99	#462	FWSS-4AT 4	NaBr	Auric Salt Lake Au.-.246, Ag.-.080, Pt.-.003
June 28/99	#463	FWSS-2AT 4	NaBr	Auric Salt Lake Au.-.037, Ag.-.007, Pt.-.013
June 30/99	#464	CONG.-4AT 6	Chloride	Auric Salt Lake Au.-.007, Ag.-.016, Pt.-.056
July 1/99	#465	CONG.-4AT 6	NaBr & KI	Auric...trace
July 2/99	#466	CONG-6AT 6	Chloride	4.2 mgs.-nearly pure Ag.
July 7/99	#469	6-26PS-SS-3AT 5	Chloride	Bead lost
July 9/99	#470	P.C.-SS-3AT 2	NaBr & KI	Auric Salt Lake Au.-.262, Ag.-.006, Pt.-.003
July 14/99	#471	6-26-SS-6AT 5	NaBr & KI	PARTED- fair Au.
July 21/99	#472	5-15-SS- 3AT 1	NaBr & KI	Auric Salt Lake Au.-.27, Pt.-.008
July 24/99	#473	5-15-SS-3AT 1	NaBr & KI	.281 mgs.
July 26/99	#474	5-15-SS-3AT 1	NaBr	Loring-Calgary Au.-.039, Ag.-.21
Aug. 1/99	#475	5-15-SS-3AT 1	NaBr	.98 mgs.-98%Ag.
Aug. 3/99	#476	5-15-SS-3AT 1	NaBr & KI	limited showing
Aug. 5/99	#477	5-15-SS-3AT 1	H2SO4 PRETREAT	trace
Aug. 8/99	#478	5-15-SS-1AT 1	H2S04 & NaBr	trace
Aug. 10/99	#479	6-26-PS-3AT 1	H2SO4	trace
Sept. 27/99	#481	FWSS-4AT 2	Scorification	limited showing
Sept. 28/99 to Oct. 4/99	#482,483,485, 486	FWSS- 4	Scorification	traces
Oct. 1/99	#484	FWSS- 1AT 4	Scorification	$30.00 pT
Oct. 5/99	#489	FWSS-6AT 4	NaBr	trace
Oct. 6/99	#490	FWSS-1.5AT 4	H2SO4 & NaOH-	$25.00 pT

DATE	TEST	ORE	PROCESS	VALUE
Oct. 7/99	#491	FWSS-1AT 4	H2SO4	trace
Oct. 22/99	#492	SS-1AT 1	NaBr	$22.00 pT
Oct. 24/99	#493	MOX-SS-6AT 3	H2SO4-pretreat NaBr	$33.00 pT
Oct. 25/99	#494	5-15-SS-3AT 1	NaBr & KI	$45.23 pT
Oct. 27/99	#498	FWSS-5AT 4	Resin Beads	Loring Calgary Au.-.199 opT
Oct. 28/99	#500	FWSS-5AT 4	NaBr	Loring Calgary Au.-.282 opT
Oct. 29/99	#498-2nd 1/2	FWSS-5AT 4	NaBr & KI	Loring Calgary Au.-.261 opT
Oct. 29/99	#502	MOX-SS-3AT 3	NaBr	Loring Calgary Au.-.269 opT
Nov 1/99	#503	FWSS-1AT 4	Fired	Loring Calgary Au.-.009 opT
Nov. 2/99	#504	FWSS-3AT 4	NaBr	Loring Calgary Au.-.162 opT
Nov. 4/99	#505	FWSS-3AT 4	NaBr	$25.80 pT
Nov. 12/99	#506	CONG-5AT 6	NaBr & KI	$23.00 pT
Nov. 13/99	#507	CONG-5AT 6	NaBr & KI	.62 mgs.
Nov. 24/99	#508	MOX-SS-5AT3	NaBr	.84 mgs.
Nov. 29/99	#509	MOX-SS-3AT3	NaOH	inconclusive
Dec. 3/99	#510	MOX-SS-5AT3	NaBr	.36 mgs.
Dec. 4/99	#511	MOX-SS-5AT3	NaBr	.54 mgs.
Dec. 7/99	#512	CONG-5AT 2	NaBr	trace
Dec 8/99	#513	CONG-5AT 2	NaBr	trace
Dec. 9/99	#514	CONG-5AT 6	Chloride	poor
Dec 9/99	#515	CONG-5AT 6	NaBr	small show
Dec. 10/99	#516	MOX-SS-5AT3	NaBr	.38 mgs.
Dec 11/99	#517	MOX-SS-5AT3	NaBr	.42 mgs.
Dec. 13/99	#518	CONG-5AT 6	NaBr	.37 mgs.
Dec. 15/99	#519	MOX-SS-5AT3	NaBr	trace
Dec. 18/99	#520	MOX-SS-3AT3	NaBr	trace
Dec. 21/99	#523	MOX-SS-3AT3	NaBr	trace Au.
Dec. 23/99	#524	FWSS-5AT 4	NaBr & KI	Pt.-.15mgs
Dec. 26/99	#525	6-26 PS-5AT 2	H2SO4	.17 mgs.
Dec. 30/99	#526	5-15-SS-3AT 1	H2SO4 PRETREAT NaBr	.18mgs

DATE	TEST	ORE	PROCESS	VALUE
Jan. 1/00	#527	MOX-SS-2AT 3	H2SO4-PRETREAT NaBr	$28.00 pT
Jan. 2/00	#528	5-15-SS-2AT 1	NaBr	#36.00 pT
Jan. 6/00	#530	MOX-SS-4AT 3	NaBr	$46.00 pT
Jan 10/00	#531	FWSS-5AT 4	NaBr & KI	#35.00 pT
Jan. 14/00	#532	RegSS-5AT 1	NaBr	.26 mgs.
Jan. 17/00	#533	RegSS-3AT 1	NaBr	some Au.- Pt.
Jan. 19/00	#535	FWSS-3AT 4	NaBr	Jordan- Henderson NV.- #1-
Jan. 21/00	#536	RegSS-5AT 1	NaBr	.24 mgs
Jan. 22/00	#537	RegSS-5AT 1	NaBr & KI	.45 mgs
Jan. 24/00	#538	RegSS-5AT 1	NaBr & KI	fair Au.- Pt.
Jan. 24/00	#539	RegSS-3AT 1	Aqua Regia	.38 mgs. PGM type bead
Jan. 27/00	#540	6-26 PS-3AT 2	Aqua Regia	.41 mgs.
Jan. 28/00	#541	CONG-3AT 6	Aqua Regia	.36 mgs. PGM-type bead
Jan. 29/00	#542	FWSS-3AT 4	Aqua Regia	.28 mgs.
Jan. 31/00	#544	FWSS-3AT 4	Chloride	Jordan - Henderson NV.- #2
Feb. 3/00	#545	FWSS-2AT 4	NaBr & KI	Jordan--Henderson NV.- #3
Feb. 5/00	#546	CONG-2AT 6	Chloride	lost bead
Feb. 5/00	#547	FWSS-2AT 4	Chloride	Jordan--Henderson NV.- # 4
Feb. 17/00	#548	#6 Drill Hole 6	Aqua Regia	.40 mgs.
Feb. 17/00	#549	CONG-3AT 6	Aqua Regia	.26 mgs
Feb. 20/00	#550	#6 Drill Hole- 2.25 AT	Chloride	Loring Calgary Au.-.26 mgs., Ag.-1.45 mgs.
Feb. 24/00	#551	FWSS-3.5AT 4	Chloride	trace
Feb. 26/00	#552	FWSS-4AT 4	HNO3 & Resin Beads	nothing
Mar. 31/00	#553	5-15-SS- 1 9.7AT	Chloride	.22 mgs.

DATE	TEST	ORE	PROCESS	VALUE
Apr. 6/00	#554	5-15-SS-5AT 1	Aqua Regia	poor
Apr. 17/00	#555	5-15-SS-3AT 1	KI	.17 mgs.
Apr. 22/00	#556	FWSS-3AT 4	KI	.22 mgs.
Apr. 25/00	#557	FWSS-3AT 4	H2SO4 PRETREAT CHLORIDE	trace
Apr. 27/00	#558	FWSS-3AT 4	NaBr & KI	.12 mgs.
Apr. 29/00	#559	FWSS-3AT 4	NaBr	poor
May 4/00	#560	FWSS-5AT 4	NaBr & KI	trace
May 8/00	#561	FWSS-5AT 4	NaBr	trace
May 9/00	#562	FWSS-5AT 4	NaBr	PGM- type bead
May 16/00	#563	FWSS-5AT 4	NaBr & KI	nothing
May 16/00	#564	CONG-5AT 6	Chloride	lost
May 21/00	#565	FWSS-3AT 4	NaBr	nothing
May 23/00	#566	CONG-5AT 6	NaBr &KI	nothing
May 26/00	#567	CONG-5AT 6	NaBr & KI	trace
May 29/00	#568	FWSS-3AT 4	NaBr	trace
May 30/00	#569	FWSS-5AT 4	Chloride	.36 mgs.
June 1/00	#570	CONG-3AT 6	NaBr & KI	trace
June 2/00	#571	P.C.SS-6AT 2	NaBr & KI	.33 mgs.
June 9/00	#572	FWSS-5AT 4	NaBr & KI	Lost with breakage
June 14/00	#573	FWSS-5AT 4	Chloride	.25 mgs.
June 30/00	#575	FWSS-5AT 4	HNO3	trace
July 3/00	#576	MOX-SS-4AT3	HNO3	trace
July 6/00	#577	MOX-SS-3AT3	NaBr & KI	trace
July 11/00	#579	6-26 PS-2.25 AT 2	H2SO4 PRETREAT NaBr	Loring Jan.9/01 – .89 mgs.
July 20/00	#580	FWSS-5AT 4	NaBr	.48 mgs.

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DATE	TEST	ORE	PROCESS	VALUES
Aug. 22/00	#582	Rogr-SS-5AT	NaBr	.26 mgs.
Aug. 24/00	#583	Rogr-SS-5AT	H2SO4 PRETREAT NaBr	.27 mgs
Aug. 26/00	#584	Rogr-SS-5AT	NaBr	small bead
Aug. 27/00	#585	Rogr-SS-5AT	HNO3	.15 MGS.
Aug 30/00	#586	Rogr-SS-6AT	H2SO4	.26 mgs.
Sept. 3/00	#587	Rogr-SS-3AT	H2SO4 PRETREAT CHLORIDE	.38 mgs.
Sept. 6/00	#588	Rogr-SS-5AT	NaBr & KI	.37 mgs.
Sept. 8/00	#589	Rework #588		.58 mgs.
Sept. 11/00	#591	Rogr-SS-5AT	H2SO4	poor
Sept. 13/00	#593	Rogr-SS-6AT	NaBr & KI Resin beads	Loring - Sept. 29/00
Sept. 16/00	#594	Rogr-SS-6AT	NaBr & KI Resin beads	Loring - Sept. 29/00
Sept. 19/00	#595	Rogr-SS-3.5	NaBr & KI Resin beads	1.54 mgs.
Sept. 20/00	#596	FWSS-6AT 4	NaBr & KI	.17 mgs.
Sept. 22/00	#597	FWSS-6AT 4	Chloride	.37 mgs.
Sept. 25/00	#598	Rogr-SS-6AT	Chloride	Loring- Oct. 4/00
Sept. 27/00	#599	Rogr-SS-6AT	Aqua Regia	Loring -Oct. 4/00
Sept. 28/00	#599A		Precip. #599	Loring -Oct.4/00
Oct. 2/00	#600	Rogr-SS-6AT	NaBr. & KI Resin beads	20.48 mgs.
Oct. 3/00	#601	Rogr-SS-6AT	NaBr & KI Resin beads	Ag.- 17.81 mgs. Au.- .12 mgs.

DATE	TEST	ORE	PROCESS	VALUE
Oct. 3/00	#602	Rogr-SS-6AT 1	NaBr & KI Resin beads	17.85 mgs.
Oct. 9/00	#603	6-26-PS-6AT 5	NaBr & KI Resin beads	$25.00 pT
Oct. 9/00	#604	MOX-SS-6AT 3	NaBr & KI Resin beads	$20.00 pT
Oct. 13/00	#605	6-26-PS-6AT 5	NaBr & KI Resin beads	.56 mgs.
Oct. 13/00	#606	MOX-SS-6AT 3	NaBr & KI Resin beads	.21 mgs.
Oct. 17/00	#607	CONG-6AT 2	NaBr & KI Resin beads	.88 mgs- Ag. .12 mgs. Au.
Oct. 18/00	#608	MOX-SS-3AT 3	NaBr & KI Resin beads	.26 mgs.
Oct. 20/00	#609	RogrSS-6AT 1	NaBr Resin beads	trace
Nov. 12/00	#611	RogrSS-2AT 1	NaBr	.056 mgs.
Nov. 12/00	#612	RogrSS-2AT 1	Chloride	.056 mgs.
Nov. 16/00	#614	CONG-5AT 6	Chloride Resin beads	.25 mgs.
Nov. 16/00	#615	CONG-5AT 6	HNO3 Resin beads	.26 mgs.
Nov. 20/00	#616	CONG-4AT 6	HNO3	poor
Nov. 21/00	#617	RogrSS-5AT 1	H NO3	marginal
Nov. 22/00	#618	RogrSS-5AT 1	NaBr Resin beads	trace
Nov. 23/00	#619	RogrSS-5AT 1	NaBr Resin beads	trace
Nov. 24/00	#620	MOX-4AT 3	Aqua Regia Resin beads	trace
Dec. 1/00	#622	RogrSS-5AT 1	NaCN Resin beads	Loring - Jan9/01
Dec. 6/00	#624	MOX-5AT 3	NaCN Resin beads	2.5AT-. .20 mgs.
Dec. 12/00	#625	MOX-5AT 3	NaCN Resin beads	Loring -Jan9/01
Dec. 15/00	#626	MOX-5AT 3	NaCN Resin beads	.32 mgs.
Dec. 20/00	#627	MOX-4AT 3	NaCN Resin beads	marginal

DATE	TEST	ORE	PROCESS	VALUE
Dec. 23/00	#628	MOX-3AT	NaCN Resin beads	.31 mgs. sprouted beads
Jan. 9/01	#630	RogrSS-7.5 3	Aqua Regia	trace
Jan. 9/01	#631	RogrSS-7.5 1	Aqua Regia	.16 mgs.
Jan. 12/01	#632	RogrSS-7.5 1	Aqua Regia	.62 mgs.
Jan. 16/01	#633	RogrSS-3.5 1	Chloride Resin beads	.65 mgs.
Jan. 19/01	#634	RogrSS-3.5 1	Chloride	.31 mgs.
Jan. 24/01	#635	RogrSS-3.5 1	HNO3	.42 mgs. Silver crystal
Jan. 26/01	#636	RogrSS-3.5 1	Chloride Resin beads	.08 mgs.
Jan 29/01	#637	RogrSS-3.5 1	NaCN Resin beads	small silver beads
Feb. 2/01	#638	CONG-5AT 6	NaBr & KI Resin beads	.28 mgs.
Feb. 17/01	#641	MOX-1.5AT 3	Chloride	.17 mgs.-PGM type
Feb. 19/01	#642	MOX- 1.5AT 3	Chloride	.21 mgs.
Feb. 23/01	#643	MOX-2AT 3	Chloride	.27 mgs.
Feb. 28/01	#644	CONG-2AT 6	NaBr& KI	.38 mgs.
Mar. 2/01	#645	CONG-5AT 6	NaBr & KI Resin beads	.056 mgs.
Mar. 6/01	#646	RegSS-5AT 6	NaBr & KI	2.5AT - .36 mgs.
Mar. 9/01	#647	CONG-5AT 6	NaBr & KI	.35 mgs.
Mar. 22/01	#648	RogrSS-5AT 6	NaBr & KI Resin beads	.26 mgs.
Mar. 23/01	#649	CHIN-3AT 5	NaBr & KI	Au.- .10 mgs.
Mar. 25/01	#650	RogrSS-5AT /	H2SO4	TRACE
Mar. 26/01	#651	RogrSS-4AT /	NaBr & KI	.28 mgs.

DATE	TEST	ORE	PROCESS	VALUE
Mar. 27/01	#652	CHIN-5AT	Hg 5	.15 mgs.
Mar. 29/01	#653	CHIN-5AT	NaBr & KI 5	3.21 mgs., 1.67 mgs., 1.58 mgs., PARTED Trace Au.
Mar. 29/01	#654	CHIN-5AT	Aqua Regia 5	marginal
Apr. 6/01	#655	MOX-3AT	NaBr & KI 3	some Au.
Apr. 11/01	#656	MOX-5AT	HCl & NaBr 3	.35 mgs. PGM type
Apr. 18/01	#658	RegSS-5AT	H_2SO_4 pretreat NaCN 1	.32 mgs. PGM type

ATTACHMENT 2.2

Loring Laboratories Ltd.

829 Beaverdam Road N.E.,
Calgary Alberta T2K 4W7
Tel: 274-2777 Fax: 275-0541

TO: ALAN LEWIS
RR 1,Site 13, Box 18
Ponoka, Alberta
T4J 1R1

FILE:41244

DATE:June28,1999

Attn: Alan Lewis

PGM ANALYSIS

Sample No.	Au ug.	Pd ug.	Pt ug.	Rh ug.	Bead wt. mg.
#457	6.25	<0.15	<0.15	0.15	0.986

Bead was weighed, dissolved in aqua regia, and analyzed by ICP.

Certified by: [redacted]

To : MR. ALAN LEWIS
RR # 1, Site 13, Box 18
Ponoka, Alberta
T4J 1R1

File No : 41367
Date : August 16, 1999
Samples :
Project :
P.O.#

Certificate of Assay
Loring Laboratories Ltd.

629 Beaverdam Road, NE Calgary Alberta
Tel (403)274-2777 Fax: (403)275-0541

Sample No.	Ag mg	Au mg	Pt mg	Pd mg	Rh mg
"Assay Analysis"					
474	< 0.01	0.039	< 0.001	< 0.001	< 0.001

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples :

[redacted]
Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

To : MR. ALAN LEWIS
R.R. # 1, Site 13, Box 18
Ponoka, Alberta
T4J 1R1

File No : 43368-1
Date : October 4, 2000
Samples :
Project :
P.O.#

Certificate of Assay

Loring Laboratories Ltd.

[illegible] Riverdam Road NE Calgary Alberta T2K 4W7
Tel: (403)274-2777 Fax (403)275-0541

Sample No.		Au ug	Ag mg	Pt ug	Pd ug	Rh ug	
#598	# 1 Bead 6 A.T. chloride	8.80	9.54	< 1	< 1	< 1	$12.00 per Ton
#599	# 2 Bead - 6 A.T. chloride	2.10	14.19	< 1	< 1	< 1	$26.69 per Ton

I HEREBY C[illegible] above results are those assays made by [illegible] described samples.

[redacted]
Assayer

[illegible] specific arrangements are made in advance.

To : MR. ALAN LEWIS
R.R. # 1, Site 13, Box 18
Ponoka, Alberta
T4J 1R1

File No : 43368
Date : September 29, 2000
Samples :
Project :
P.O.#

Certificate of Assay

Loring Laboratories Ltd.

829 Beaverdam Road, NE Calgary Alberta T2K 4W7
Tel: (403)274-2777 Fax: (403)275-0541

"Geochemical Analysis"

Sample No.	Au ug	Ag mg	Pt ug	Pd ug	Sample Wt
# 1	13	35.32	< 1	< 1	0.698 g
# 2	150	44.79	< 1	< 1	3.075 g
Bead # 1A	7	25.12	< 1	< 1	
Bead # 2A	85	29.95	< 1	< 1	

1. Au. $411.00
Cnd. Ag. $ 7.41

	Au. O.P.T.	$CND	Ag. O.P.T.	$CND	Total per ton CND
#1 - ½ #593 ashed resin - 3 A.T. -	.0043	1.77	11.77	87.21	89.00
#2 - ½ #594 ashed resin - 3 A.T. -	.05	20.55	14.93	110.63	131.00
#1A- ½ #593 ash fired @ home 3 A.T..	.0023	0.94	8.37	62.02	63.00
#2A- ½ #594 ash fired @ home 3 A.T..	.028	11.50	9.98	73.95	85.00

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples :

[redacted]
Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

o : MR. ALAN LEWIS
R.R. # 1, Site 13, Box 18
Ponoka, Alberta
T4J 1R1

File No : 43594
Date : January 9, 2001
Samples :
Project :
P.O.#

Certificate of Assay

Loring Laboratories Ltd.

629 Beaverdam Road, NE Calgary Alberta T2K 4W7
Tel: (403)274-2777 Fax: (403)275-0541

Sample No.	Bead Wt mg	Au mg	Pt mg	Pd mg	Ag mg	
"PGM Analysis"						
~ 5791 NaBr.	0.985	0.010	< 0.001	< 0.001	0.955	2.25 A.T. PLANT
H 623 2 NaCN	0.222	0.004	< 0.001	< 0.001	0.218	5 A.T. Mor.
H 625 3 NaCN	0.603	0.343	< 0.001	< 0.001	0.260	5 A.T. Mor.
H 629A 4 NaCN	0.260	0.004	< 0.001	< 0.001	0.256	2.5 A.T. Mor.
H 629B 5 NaCN	0.148	0.019	< 0.001	< 0.001	0.129	2.5 A.T. Mor.

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples :

[redacted]
Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.

ATTACHMENT 2.3

Metallurgical Research and Assay Laboratory
745 Sunset Road Suites 8
Henderson, NV 89015
702-565-0074

ASSAY REPORT

Assay Number: 6805 Date: 3/21/00

Customer : AL LEWIS

Sample Identification: BEAD #1 - 2 A.T.

Test #535

Element	PPM
Au-Gold	39.9
Pt-Platinium	17.3
Rh-Rhodium	5.5
Os-Osmium	5.7
Ru- Ruthenium	10.4
Pd-Palladium	2.8
Ir-iridium	0.0

REGISTERED ASSAYER CERTIFICATE NO 19127 DONALD E JORDAN Date Signed 1/22/00 ARIZONA, U.S.A.

These results are based on well known accepted analytical procedures used solely on the sample submitted by the customer. This report is prepared for the exclusive use of the customer. No warranty as to the reproducibility or extractability of the material other than the sample is given. Donald E. Jordan and/or Metallurgical Research and Assay Laboratory make no representation express or implied on material other than that represented by the sample assayed.

Note: " #VALUE! " MEANS THAT ELEMENT HAS NOT BEEN ANALYZED FOR THIS REPORT.
Unless prior arrangements are made, all samples will be discarded after 30 days.

Metallurgical Research and Assay Laboratory
745 Sunset Road Suites B
Henderson, NV 89015
702-565-0074

ASSAY REPORT

5556

Date: 3/1/00

Customer : Al LEWIS

Sample Identification: #2 DORE 3 A.T.

Test #544

Element	PPM
Au-Gold	12.4
Pt-Platinum	26.3
Rh-Rhodium	3.9
Os-Osmium	86.0
Ru- Ruthenium	0.0
Pd-Palladium	64.0
Ir-Iridium	0.0

REGISTERED ASSAYER CERTIFICATE NO 10127 DONALD E JORDAN Date Signed 3/1/00 ARIZONA, U.S.A.

Note: " #VALUE! " MEANS THAT ELEMENT HAS NOT BEEN ANALYZED FOR THIS REPORT.
Unless prior arrangements are made, all samples will be discarded after 30 days.

Metallurgical Research and Assay Laboratory
746 Sunset Road Suites 8
Henderson, NV 89015
702-565-0074

ASSAY REPORT

Assay Number: 5558

Date: 2/3/98

Customer : AL LEWIS

Sample Identification: #3 DORE 2 A.T.
Jact # 545

Element	PPM
Au-Gold	8.0
Pt-Platinium	18.8
Rh-Rhodium	2.6
Os-Osmium	18.9
Ru- Ruthenium	0.0
Pd-Palladium	67.0
Ir-Iridium	0.0

REGISTERED ASSAYER CERTIFICATE NO 19127 DONALD E JORDAN Date Signed 8/1/98 ARIZONA, U.S.A.

These results are based on well known accepted analytical procedures used solely on the sample submitted by the customer. This report is prepared for the exclusive use of the customer. No warranty as to the reproducibility or extractability of the material other than the sample is given. Donald E. Jordan and/or Metallurgical Research and Assay Laboratory make no representation express or implied on material other than that represented by the sample assayed.

Note: " #VALUE! " MEANS THAT ELEMENT HAS NOT BEEN ANALYZED FOR THIS REPORT.
Unless prior arrangements are made, all samples will be discarded after 30 days.

Metallurgical Research and Assay Laboratory
745 Sunset Road Suites 8
Henderson, NV 89015
702-585-0074

ASSAY REPORT

Assay Number: 5567

Date: 3/1/00

Customer : AL LEWIS

Sample Identification: #4 DORE 2 A.T.
Test # 547

Element	PPM
Au-Gold	17.7
Pt-Platinium	29.9
Rh-Rhodium	4.2
Os-Osmium	2.7
Ru- Ruthenium	0.0
Pd-Palladium	32.8
Ir-Iridium	0.0

REGISTERED ASSAYER CERTIFICATE NO 19127 DONALD E JORDAN Date Signed 8/1/00 ARIZONA, U.S.A.

Note: " #VALUE! " MEANS THAT ELEMENT HAS NOT BEEN ANALYZED FOR THIS REPORT.
Unless prior arrangements are made, all samples will be discarded after 30 days.

Of particular note is the test dated January 9, 2001 which shows the results of the analysis of 5 beads obtained using cyanide as the leaching agent. Cyanide had not been tested as a leaching agent in the prior work by Al Lewis. Only test #625 showed a significant value of gold and indicated that cyanide as a leaching agent did not produce any better results than previous chloride and bromide tests.

2.3 Metallurgical Research and Assay Laboratory

All of the tests conducted by this laboratory were also on beads obtained by Alan Lewis and are included chronologically according to Lewis test numbers.(535, 544, 545 and 547) and are included as attachment 2.3. These tests were more encouraging in that all four beads analyzed found significant levels of gold and platinum group metals.

2.4 Auric Metallurgical Laboratories

This is a laboratory which had not been used by 713803 Alberta in previous testing reported in the May 1999 Mineral Assessment Report. This laboratory is located in Salt Lake City, Utah. Tests were performed by Auric on eleven beads obtained from Al Lewis tests and also on for raw ore samples provided by Mr. Lewis. The tests on the Lewis beads are included as attachment 2.4.1. Of these eleven bead tests, three show significant gold values. (Lewis test numbers 459,462 and 470). This result is somewhat similar to the Loring results wherein most of the beads had relatively low gold content.

The raw head ore assay tests performed by Auric are included as attachment 2.4.2. These four tests show quite consistent levels of gold, silver and platinum group metals and did provide encouragement to us since other laboratories, as reported in the May 1999 Mineral Assessment Report, were unable to report any precious metal content from assays conducted directly on raw head ore.

ATTACHMENT 2.4.1

Jul-29-99 02:28P

AuRIC
Metallurgical Laboratories

Date: July 28, 1999

ASSAY REPORT:

To: Mr. Alan D. Lewis
RR 1, Site 13, Box 18
Ponoka, Alberta
Canada T4J 1R1
Fax: (403) 783 5480

AuRIC Sample No:	Customer Sample ID No:	Button mg	Gold mg	Silver mg	Platinum mg	Palladium mg
2077 A	Button # 418 2 AT	0.479	0.009	0.458	0.011	0.001
2078 A	Button # 444 2AT	0.083	0.016	0.060	0.005	0.002
2079 A	Button # 446 3AT	0.314	0.065	0.232	0.015	0.002
2080 A	Button # 447 3AT	1.100	0.025	1.059	0.014	0.002

Analysis method: GFAA

Ahmet B. Altinay
Metallurgical Engineer

[redacted]

AuRIC Metallurgical Laboratories

Date: August 2, 199[illegible]

ASSAY REPORT:

To: Mr. Alan D. Lewis
RR 1, Site 13, Box 18
Ponoka, Alberta
Canada T4J 1R1
Fax: (403) 783 5480

AuRIC Sample No.	Customer Sample ID No.	Button mg	Gold mg	Silver mg	Platinum Mg	Palladium mg
2081 A	# 463 Sandstone	2 AT	0.037	0.007	0.013	0.000
2082 A	# 465 Conglomerate	4 AT	0.008	0.004	0.033	0.000
2083 A	# 460 Sandstone	3 AT	0.018	0.216	0.047	0.000
2084 A	# 464 Conglomerate	4 AT	0.007	0.016	0.056	0.000
2085 A	# 459 ST	4 AT	0.222	0.078	0.067	0.000
2086 A	# 462 ST	4 AT	0.248	0.080	0.003	0.000
2087 A	# 470 ST	2 AT	0.262	0.006	0.003	0.000

Analysis method: HNO parted PM button remnants, Aqua regia digested, GFAA

The results reported above are based on well known, accepted analytical procedures used solely on the sample [illegible] customer. No warranty as to the reproducibility or extractability of the material other than the sample as given. [illegible] Laboratories, [illegible] makes no representation express or implied on the material other than that represented by the [illegible]

Ahmet B. Altinay
Metallurgical Engineer

[redacted]

ATTACHMENT 2.4.2

AuRIC
Metallurgical Laboratories

Date: August 12, 1999

ASSAY REPORT:

To: Mr. Alan D. Lewis
RR 1, Site 10, Box 18
Pincher, Alberta
Canada T4J 1R1
Fax. (403) 783 5480

These results were obtained by Auric from assays done on head ore from Alan.

AuRIC Sample No.	Customer Sample ID No.	Gold Gold Fraction	Silver Fraction	Platinum Platinum Fraction	Palladium Palladium Fraction	Other Fraction
2097 A	Sandstone	0.083	0.048	0.080	0.044	---
2098 A	Sandstone	0.069	0.052	0.081	0.040	---
2099 A	Conglomerate	0.074	0.060	0.063	0.027	---
2100 A	Conglomerate	0.077	0.061	0.057	0.020	---
		gr		gr	gr	gr
2097A		32.12		41.68	20.94 =	94.74
2098A		26.70		42.20	19.04 =	87.94
2099A		28.64		32.82	12.85 =	74.31
2100A		29.80		29.69	9.52 =	69.01

Analysis method: (for AuRIC Sample No.'s ending with A - FA/GFAA)
(for AuRIC Sample No.'s ending with C - AR/SX/GFAA)

[illegible]

Ahmet B. Albray
Metallurgical Engineer

[redacted]

3200 West Directors Hwy, Salt Lake City, Utah 84104, USA - Ph: 801-974-2577 - Fax 801-974 9636
AuRIC Metallurgical Laboratories is a Limited Liability Company

3.0 Pilot Plant Project

In discussions both internally within 713803 Alberta Ltd. and externally with other interested parties, it was determined that it would be very beneficial if we could establish the capability to extract gold or others precious metals at a pilot scale. Al Lewis constructed and operated a small pilot plant as described in his report included as attachment 3. While it appears that problems encountered in the leaching process could be overcome with future design changes, a more significant problem is the need to first establish a leaching process that would be economically viable before attempting further proof on the pilot scale level.

ATTACHMENT 3.0

PILOT PLANT

In order to conduct a bulk sample test, a rodmill with a capacity of more than 500 lbs. was built. It was powered by a diesel tractor power take-off and proved very successful. There was an arrangement of 4 plastic tanks to handle the leaching process and the pregnant solution settling phase.

Difficulty was found in obtaining a proper pump to handle the corrosive leach solution.

The usual iron particles from a rodmill were present in the slurry. The magnetic drive pump recommended by the pump company attracted the metal particles and rendered the pump useless.

With a large slurry of this very fine material, circulation was very difficult. These problems have all been solved for the future.

The unsolved portion is in the nature of the ore, making it necessary to use reagents at a strength beyond monetary practicality.

Submitted by:

[redacted]

04/14/01

Alan D. Lewis.

4.0 Discussions with Other Companies

Further discussions were held with geologists from B H P and Placer Dome. Both of these companies had been previously contacted and had provided letter reports to 713803 Alberta Ltd. as reported in the May 1999 Mineral Assessment Report. At this time, no further interest has been expressed by these companies.

Contact has also been maintained with Birch Mountain Ltd. who are public company that has been active for several years in pursuing Alberta gold and platinum prospects. While interest has been expressed in pursuing possible cooperative work with 713803 Alberta Ltd., no arrangements have been established to date.

Finally, discussions were held with a third private company, who expressed interest in our project but wished to see more consistent confirmation of our results before proceeding with any further consideration of participation in our project.

5.0 Summary of Expenditures

Most of of the expenditures incurred by 713803 Alberta Ltd. in the period covered by this report (May 1999 to April 2001) are contributed labor by shareholders in a 713803 the Alberta Ltd. and in particular, Al Lewis. Expenditures fall into categories as summarized below :

5.1 Contributed Labor

(a) Lab Analysis and Testing - Al Lewis Home Lab

[redacted] [redacted]

(see Attach. 5.1(a) for detail)

(b) Pilot Plant Construction and Operation

[redacted] [redacted]

(see Attach 5.1 (b) for detail)

(c) Field Trips for Sample Recovery, Trips to Laboratories, Trips for Business Discussions
(see Attach 5.1 (c) for detail)

[redacted] [redacted]

Sub Total $143,300.00

5.2 Materials, Services and Travel Expenses

[redacted] [redacted]

Sub Total $ 25,797.75

5.3 Report Preparation

[redacted] [redacted]

Sub Total $ 2,250.00

Grand Total Costs **$171,347.75**

ATTACHMENT 5.1(a)

DATE	TEST #
Apr. 30/99	#436 - 12 hrs
May 2/99	#437 - 9 hrs
May 3/99	#438 - 12 hrs
May 4/99	#439 - 15 hrs
May 11/99	#440 - 11 hrs
May 17/99	#441 - 8 hrs
May 17/99	#442 - 1 hr.
May 18/99	#443 - 9 hrs
May 18/99	#444 - 1 hr.
May 21/99	#445 - 9 hrs
May 21/99	#446 - 8 hrs
May 22/99	#447 - 10 hrs
May 22/99	#448 - 6 hrs
May 24/99	#449 - 8 hrs
May 24/99	#450 - 1 hr.
May 24/99	#451 - 8 hrs
June 3/99	#452 - 7 hrs
June 4/99	#453 - 12 hrs
June 6/99	#454 - 7 hrs.
June 7/99	#455 - 15 hrs
June 9/99	#456 - 11 hrs
June 11/99	#457 - 5 hrs
June 13/99	#458 - 12 hrs
June 20/99	#459 - 15 hrs

212 hrs

DATE	TEST
June 21/99	#460 - 12 hrs
June 25/99	#462 - 12 hrs
June 28/99	#463 - 10 hrs
June 30/99	#464 - 7 hrs
July 1/99	#465 - 12 hrs
July 2/99	#466 - 13 hrs
July 7/99	#469 - 10 hrs
July 9/99	#470 - 14 hrs.
July 14/99	#471 - 16 hrs.
July 21/99	#472 - 13 hrs.
July 24/99	#473 - 13 hrs
July 26/99	#474 - 12 hrs
Aug. 1/99	#475 - 14 hrs.
Aug. 3/99	#476 - 13 hrs.
Aug. 5/99	#477 - 9 hrs.
Aug. 8/99	#478 - 12 hrs
Aug. 10/99	#479 - 8 hrs
Sept. 27/99	#481 - 5 hrs.
Sept. 28/99 to Oct. 4/99	#482,483,485, 486 - 20 hrs.
Oct. 1/99	#484 - 5 hrs.
Oct. 5/99	#489 - 12 hrs
Oct. 6/99	#490 - 10 hrs.

252 hrs

DATE	TEST
Oct. 7/99	#491 - 9hrs
Oct. 22/99	#492 - 12hrs
Oct. 24/99	#493 - 14hrs.
Oct. 25/99	#494 - 13hrs
Oct. 27/99	#498 - 11hrs.
Oct. 28/99	#500 - 15hrs
Oct. 29/99	#498-2nd 1/2 -2hrs.
Oct. 29/99	#502 - 12hrs
Nov 1/99	#503 - 7hrs
Nov. 2/99	#504 - 15hrs
Nov. 4/99	#505 - 15hrs
Nov. 12/99	#506 - 14hrs
Nov. 13/99	#507 - 14hrs
Nov. 24/99	#508 - 12hrs
Nov. 29/99	#509 - 9hrs
Dec. 3/99	#510 - 15hrs
Dec. 4/99	#511 - 15hrs
Dec. 7/99	#512 - 8hrs
Dec 8/99	#513 - 14hrs
Dec. 9/99	#514 - 12hrs
Dec 9/99	#515 - 5hrs
Dec. 10/99	#516 - 15hrs
Dec 11/99	#517 - 14hrs
Dec. 13/99	#518 - 15hrs
Dec. 15/99	#519 - 13hrs
Dec. 18/99	#520 - 12hrs
Dec. 21/99	#523 - 13hrs
Dec. 23/99	#524 - 17hrs
Dec. 26/99	#525 - 9hrs
Dec. 30/99	#526 - 14hrs

365 hrs

DATE	TEST
Jan. 1/00	#527 - 14hrs
Jan. 2/00	#528 - 10hrs
Jan. 6/00	#530 - 8hrs
Jan 10/00	#531 - 13hrs
Jan. 14/00	#532 - 13hrs
Jan. 17/00	#533 - 13hrs
Jan. 19/00	#535 - 13hrs
Jan. 21/00	#536 - 8hrs
Jan. 22/00	#537 - 14hrs
Jan. 24/00	#538 - 12hrs
Jan. 24/00	#539 - 10hrs
Jan. 27/00	#540 - 10hrs
Jan. 28/00	#541 - 10hrs
Jan. 29/00	#542 - 10hrs
Jan. 31/00	#544 - 12hrs
Feb. 3/00	#545 - 13hrs
Feb. 5/00	#546 - 12hrs
Feb. 5/00	#547 - 12hrs
Feb. 17/00	#548 - 12hrs
Feb. 17/00	#549 - 6hrs
Feb. 20/00	#550 - 13hrs
Feb. 24/00	#551 - 10hrs
Feb. 26/00	#552 - 13hrs
Mar. 31/00	#553 - 18hrs

279hrs

May 26/00	#567 - 12hrs
May 29/00	#568 - 12hrs

Sept. 20/00	#596 - 13 hrs
Sept. 22/00	#597 - 12 hrs

DATE	TEST
Apr. 6/00	#554 - 12 hrs
Apr. 17/00	#555 - 14 hrs
Apr. 22/00	#556 - 13 hrs
Apr. 25/00	#557 - 13 hrs
Apr. 27/00	#558 - 13 hrs
Apr. 29/00	#559 - 9 hrs
May 4/00	#560 - 12 hrs
May 8/00	#561 - 11 hrs
May 9/00	#562 - 12 hrs
May 16/00	#563 - 12 hrs
May 16/00	#564 - 11 hrs.
May 21/00	#565 - 15 hrs
May 23/00	#566 - 13 hrs
May 26/00	#567 - 12 hrs
May 29/00	#568 - 12 hrs
May 30/00	#569 - 12 hrs
June 1/00	#570 - 11 hrs
June 2/00	#571 - 12 hrs
June 9/00	#572 - 6 hrs
June 14/00	#573 - 13 hrs
June 30/00	#575 - 8 hrs
July 3/00	#576 - 11 hrs
July 6/00	#577 - 12 hrs
July 11/00	#579 - 16 hrs
July 20/00	#580 - 12 hrs

297 hrs

DATE	TEST
Aug. 22/00	#582 - 12 hrs
Aug. 24/00	#583 - 18 hrs
Aug. 26/00	#584 - 11 hrs
Aug. 27/00	#585 - 11 hrs
Aug 30/00	#586 - 10 hrs
Sept. 3/00	#587 - 11 hrs
Sept. 6/00	#588 - 13 hrs
Sept. 8/00	#589 - 6 hrs
Sept. 11/00	#591 - 9 hrs
Sept. 13/00	#593 - 13 hrs
Sept. 16/00	#594 - 12 hrs
Sept. 19/00	#595 - 16 hrs
Sept. 20/00	#596 - 15 hrs
Sept. 22/00	#597 - 12 hrs
Sept. 25/00	#598 - 12 hrs
Sept. 27/00	#599 - 14 hrs
Sept. 28/00	#599A - 2 hrs
Oct. 2/00	#600 - 16 hrs
Oct. 3/00	#601 - 16 hrs

229 hrs

DATE	TEST
Oct. 3/00	#602 - 15hrs
Oct. 9/00	#603 - 14hrs
Oct. 9/00	#604 - 9hrs
Oct. 13/00	#605 - 14hrs
Oct. 13/00	#606 - 8hrs
Oct. 17/00	#607 - 15hrs
Oct. 18/00	#608 - 16hrs
Oct. 20/00	#609 - 14hrs
Nov. 12/00	#611 - 10hrs
Nov. 12/00	#612 - 1hr.
Nov. 16/00	#614 - 9hrs
Nov. 16/00	#615 - 4hrs
Nov. 20/00	#616 - 9hrs
Nov. 21/00	#617 - 9hrs
Nov. 22/00	#618 - 11hrs
Nov. 23/00	#619 - 11hrs
Nov. 24/00	#620 - 10hrs
Dec. 1/00	#622 - 12hrs
Dec. 6/00	#624 - 10hrs
Dec. 12/00	#625 - 16hrs
Dec. 15/00	#626 - 14hrs
Dec. 20/00	#627 - 13hrs

244hrs

DATE	TEST
Dec. 23/00	#628 - 13hrs
Jan. 9/01	#630 - 9hrs
Jan. 9/01	#631 - 5hrs
Jan. 12/01	#632 - 4hrs
Jan. 16/01	#633 - 13hrs
Jan. 19/01	#634 - 13hrs
Jan. 24/01	#635 - 15hrs
Jan. 26/01	#636 - 13hrs
Jan 29/01	#637 - 16hrs
Feb. 2/01	#638 - 12hrs
Feb. 17/01	#641 - 11hrs
Feb. 19/01	#642 - 11hrs
Feb. 23/01	#643 - 13hrs
Feb. 28/01	#644 - 11hrs
Mar. 2/01	#645 - 7hrs
Mar. 6/01	#646 - 15hrs
Mar. 9/01	#647 - 15hrs
Mar. 22/01	#648 - 13hrs
Mar. 23/01	#649 - 11hrs
Mar. 25/01	#650 - 8hrs
Mar. 26/01	#651 - 14hrs
Mar. 27/01	#652 - 7hrs
Mar. 29/01	#653 - 11hrs
Mar. 29/01	#654 - 5hrs
Apr. 6/01	#655 - 11hrs
Apr. 11/01	#656 - 10hrs
Apr. 18/01	#658 - 14hrs

Total hours 2178

300 hrs.

ATTACHMENT 5.1(b)

A. LEWIS - PILOT PLANT FABRICATION & BULK TEST

DATE	# DAYS	# HOURS
June 9 - 13/00	5 days	50 hrs.
June 15 - 16/00	2 days	20 hrs.
June 20 - 29/00	10 days	100 hrs.
July 7 - 8/00	2 days	20 hrs.
July 12 - 17/00	6 days	60 hrs.
July 21 - 31/00	11 days	110 hrs.
Aug. 1 - 12/00	12 days	120 hrs.
	Total	480 hrs.

ATTACHMENT 5.1(c)

A. LEWIS FIELD TRIPS - APRIL 30, 1999 - APRIL 18, 2001

1. Ponoka, AB. to Salt Lake, UT.- Auric Metallurgical Labs. - May 25 - 28/99 incl. - **4 days.**

2. Ponoka, AB. to Salt Lake, UT. - Auric Metallurgical Labs. - July 18 - 20/99 incl. - **3 days.**

3. Ponoka, AB. to Dawson Creek, BC. - Ore samples from Lease - Aug.23- 25/99 - **3 days.** Barry Luft also participated.

4. Ponoka, AB. to Dawson Creek, BC. - Ore samples from Lease - Nov. 9-11/99 - **3 days.** Barry Luft also participated

5. Ponoka, AB. to Vancouver, BC. - Harry Muntanion- Principal Geologist, B.H.P. and Brian Fowler- Senior Geologist, Placer Dome - Nov.21- 23/99 - **3 days.**

6. Ponoka, AB. to Henderson, NV. & Phoenix, AZ. - Don Jordan - Metallurgical Research & Assay Lab. -(Henderson)- Assay Work. - David Flasha - CanPay Mining, (Phoenix)-leaching information.-Mar. 18 - 27/00 incl. - **10 days.**

7. Ponoka, AB. to Dawson Creek, BC. - Truck load of ore for bulk sample - July 18 & 19/00 - **2 days.** Barry Luft and Bob Liddle also participated

8. Ponoka, AB. to Phoenix, AZ. - David Flasha - CanPay Mining- Cyanide leaching process demonstration - Nov. 5 - 11/00 incl. - **7 days.** Barry Luft also participated.