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GEOLOGICAL AND PROSPECTING ASSESSMENT REPORT

ON THE

MCMASTER CLAIMS SIWASH CREEK - LADNER CREEK AREA NEW WESTMINSTER MINING DIVISION LATITUDE 49° 32' / LONGITUDE 121° 17' NTS 92H / 11W + 6W

July 20, 1995

Prepared for Athabaska Gold Resources Ltd. #1200-1185 West Georgia Street Vancouver, B.C. V6E 4E6

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SUMMARY

This report summarizes the geological mapping and prospecting completed in 1994 and 1995. Numerous summary reports have been compiled since 1982 (Shearer, 1989B) and some parts of those reports are produced here for completeness.

The McMaster Zone was found by soil geochemistry in 1975. Relatively high-grade surface assay values, such as 20 feet averaging 0.54 oz/ton Au, were returned from three buildozer trenches across the zone. The results of a 1,699 foot (seven holes) diamond drill program, which intersected less intense mineralized sections, was interpreted, at the time, to indicate lack of continuity of the sulfidegold system. The McMaster Zone was recognized as having very similar gold content, sulfide mineralogy, alteration assemblage, host rocks and stratigraphy as the Idaho Zone. However, no work was done on the McMaster Area between November 1975 and September 1989.

In 1989, the 1975 McMaster core was relogged and the results correlated with new detailed mapping of the old trenches. This re-interpretation suggested that the McMaster area was composed of several fault wedges separated by westerly dipping shear zones. The easterly dipping mineralized zones exposed in the trenches are truncated by the westerly dipping shears and consequently the 1975 drilling penetrated mineralized zones which are not connected with those immediately up-slope from the drill hole collars.

Diamond drilling of 1,369 feet in six holes was completed to test these new concepts in 1989. Five separate mineralized zones were recognized from the surface mapping and labeled A to E. Other zones which are not presently exposed on the surface were found in hole M-12, M-13, M-9 and M-11. These mineralized zones would be expected to subcrop west of the trenched area. The 1989 drilling indicated continuity within individual fault wedges and two holes stepped out 76 feet to the north (M-13) and 148 feet to the south (M-12), both of which intersected strong gold values:

M-12 8.50 m to 15.00 m 6.5 m (21.3 ft) averaged 0.152 oz/ton Au

M-13 0.91 m to 3.00 m 2.09 m (6.9 ft) averaged 0.124 oz/ton Au 3.00 m to 12.50 m 9.5 m (31.2 ft) averaged 0.037 oz/ton Au 12.50 m to 14.34 m 1.84 m (6 ft) averaged 0.160 oz/ton Au

The strike length of mineralized zone investigated by the drilling up to and including 1989 is 195 m (640 ft). Down dip extensions are to a maximum of 40 m (131 ft) as presently tested by the shallow drilling. No deep drilling to test the possible depth projection of the McMaster Zone has been done.

Strong gold-in-soil geochemistry suggest the possibility of extensions of the mineralized zones of up to 500 ft to the northwest and perhaps 600 ft to the southeast.

Current work is not detailed or systematic enough to allow a mineral inventory to be calculated. Considering the possible strike length, number of mineralized zones, width of mineralization, gold grades and known extent down dip and general geological parameters, the McMaster Zone has the potential to contain a mineral deposit similar in size and grade to the Idaho Zone.

Mapping and prospecting in 1994 and 1995 in the Upper Siwash Creek area indicates that the coarser grained metasediments (lithicwacke, greywacke and siltstone) occur in close proximity to the East Hozameen Fault immediately north of Spider Peak and continue northward to the Forks of Siwash Creek. The immediate Fault area is intensely pyritized. The greywacke units continuing north from the Pipestem Mine were checked by one line of soil sampling. In the South Pipestem Area, the Lorraine Showing was noted to extend to the east by at least 50 meters.

Diamond drilling is recommended to further define the McMaster Zone and investigate the Lorraine Showing.

J.T. Shearer, M.Sc.,P.Geo.

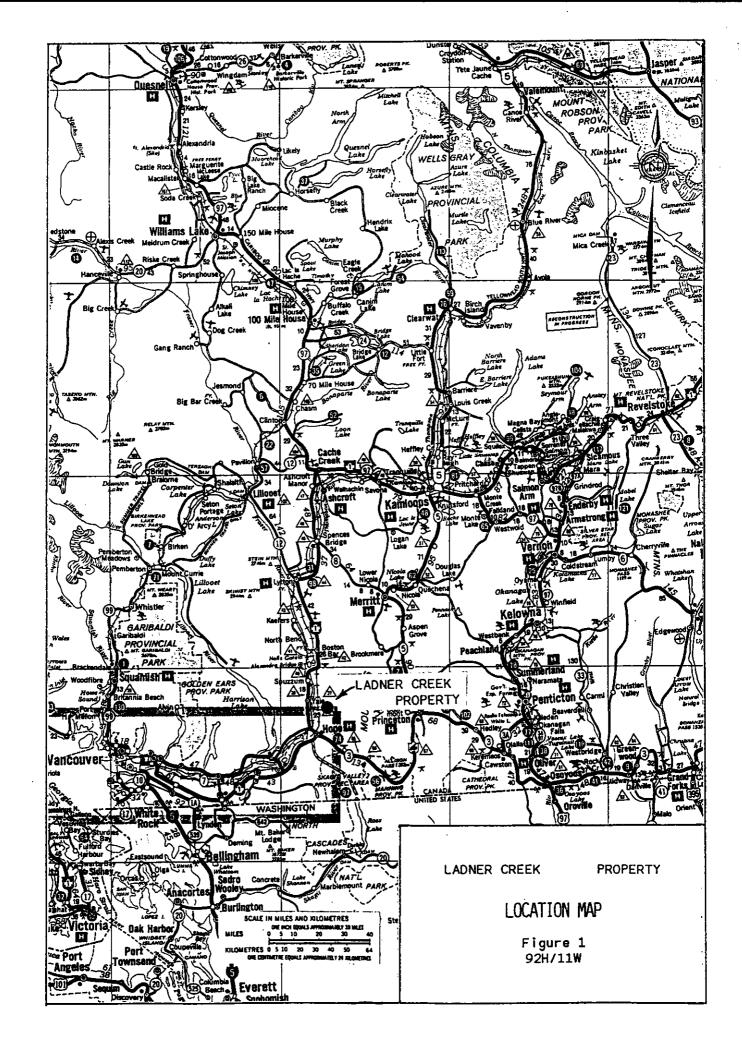
INTRODUCTION

This summary report on the McMaster claims incorporates a re-interpretation of the 1975 drill data in addition to geological observations, drill logs and assay results from 1989 in light of the follow-up trenching program completed in September 1990 together with prospecting and geological mapping northwest of Spider Peak in 1994 and 1995.

The McMaster Zone has been known as an important exploration target since its discovery in 1975. Unfortunately, the initial enthusiasm for the zone, created by the relatively high-grade surface trenching results, decreased dramatically after the small diamond drilling program in November 1975 failed to demonstrate continuity of the higher grade sections. The data collected in 1975 did not present a "simple" interpretation comparable to the gross geological simplifications that were being made in the same time period at the Idaho Zone.

The McMaster Zone was discovered by soil geochemistry in early 1975 while the property was under option to Precambrian Shield Resources Ltd. The Zone is located approximately 1,010 m (3,314 ft) horizontally north of the presently known north end of the Idaho orebody (on 800 level at 900N). The McMaster Zone outcrops at about 1,482 m ASL (4,862 ft) which places it 431 m (1,414 ft) above the Idaho #2 zone outcrop.

The intense gold-in-soil anomaly at the McMaster was investigated by 900 ft of surface excavations in three easterly trending bulldozer trenches. Several discrete quartz-albite-carbonate alteration zones containing abundant pyrite, pyrrhotite and arsenopyrite were uncovered. The style of alteration, sulfide assemblage and host rock sequence are identical to that found in the Idaho orebodies. The trenching demonstrated a strike length of the mineralized zones of approximately 400 ft. Better grade sections in the trenches returned assays ranging from 0.25 oz/ton gold over an 11 foot width to 0.54 oz/ton gold over a 20 foot width.

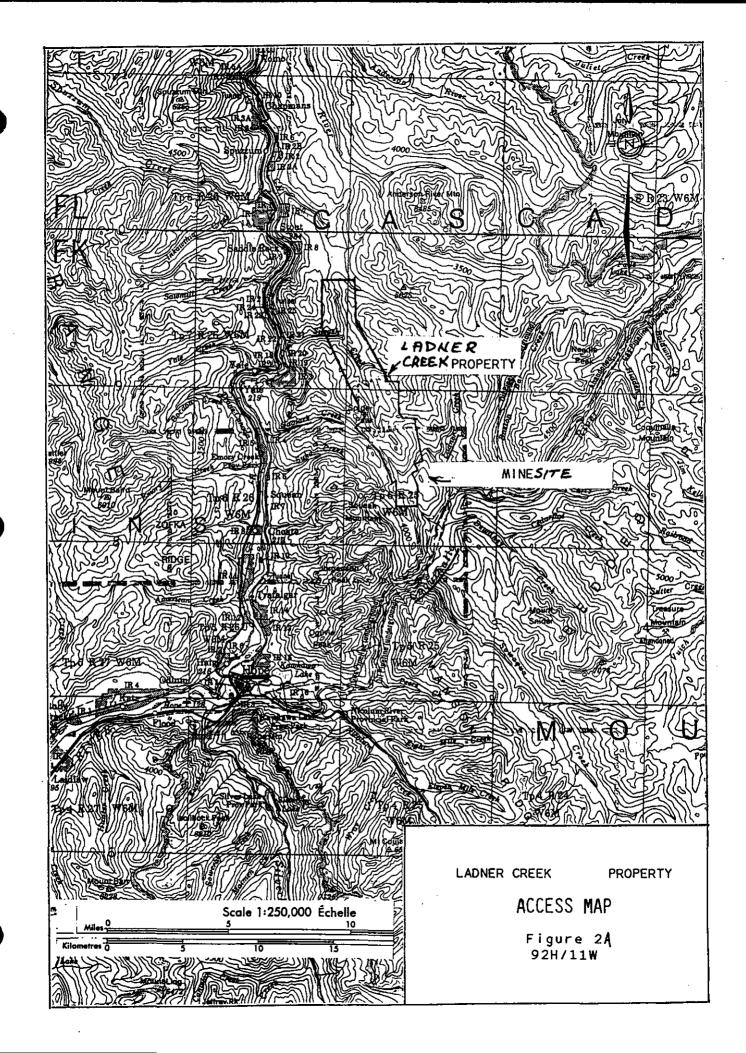


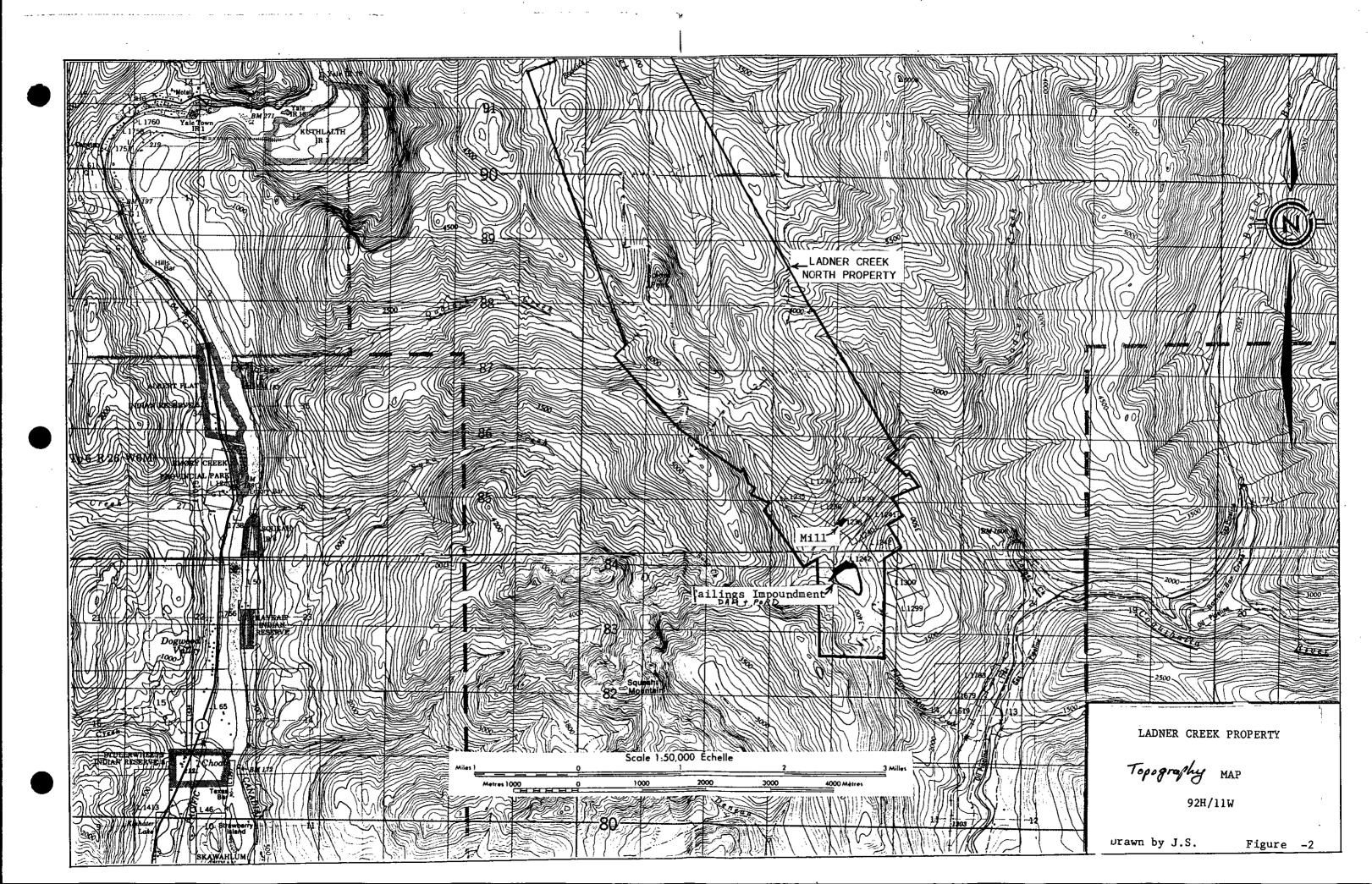
In November 1975, a total of 1,699 ft of surface diamond drilling in seven holes tested below the trenches to a maximum depth of 300 ft. Similar alteration was encountered in the drill holes but sulfide mineralization was not as intense. The best intersection was 0.13 oz/ton Au over 19.4 ft (M-2) within which 7.1 ft averaged 0.245 oz/ton Au. Unfortunately, since no detail geological mapping was completed in and around the trenches, the significance of the drill results could not be correlated into an overall picture. Surprisingly, no further work was permitted at the McMaster Zone until 1989.

The McMaster Zone was re-evaluated in September and October, 1989 by the following program:

- a) re-logging all of the 1975 drill core
- b) detail mapping of the trenches at 1:500
- c) detail mapping around the zone at 1:1,000
- d) plotting cross-section at 1:250 and plans
- e) search of available records for old McMaster data
- f) diamond drilling, 1,369 ft in six holes (M-8 to (M-13)

In September 1990, a major program of trenching and road building was completed. This report includes all past and present information on the McMaster area and recommendations for a staged evaluation of the favourable ore potential of the mineralized zones, together with an assessment of the area adjacent to the Hozameen Fault northwest of Spider Peak.





LOCATION AND ACCESS

The Ladner Creek North Property (McMaster claims) is situated between the headwaters of Ladner Creek to the south and upper reaches of the south fork of Siwash Creek to the north. The McMaster Zone at latitude 49°31'10", longitude 121°17'45" is in the north-central portion of the claim group. The property is 20 km northeast of Hope, B.C., and lies adjacent on the north of the Ladner Creek Mine as shown on Figures 1 and 2. Elevations in the immediate area range from 1,200 to 1,510 m.

Access from Hope is by the Coquihalla Highway which was built along the old Kettle Valley Railway grade to km 20 and then up the mine road to the Ladner Creek Mine site. From the mine, a (presently washed out) 4-wheel drive gravel and dirt road 8 km long leads north to the McMaster Zone. The west and north sides of the property are accessible by logging roads up Qualark and Siwash Creeks (Figure 3.)

CLAIM STATUS

The Ladner Creek property consists of Crown granted mineral claims, located 2-post claims, (the McMaster claims), Modified Grid System claims and several fractions. The pertinent claim data in the area are shown in Table 1. Current expiry dates are shown with application of assessment work documented in this report.

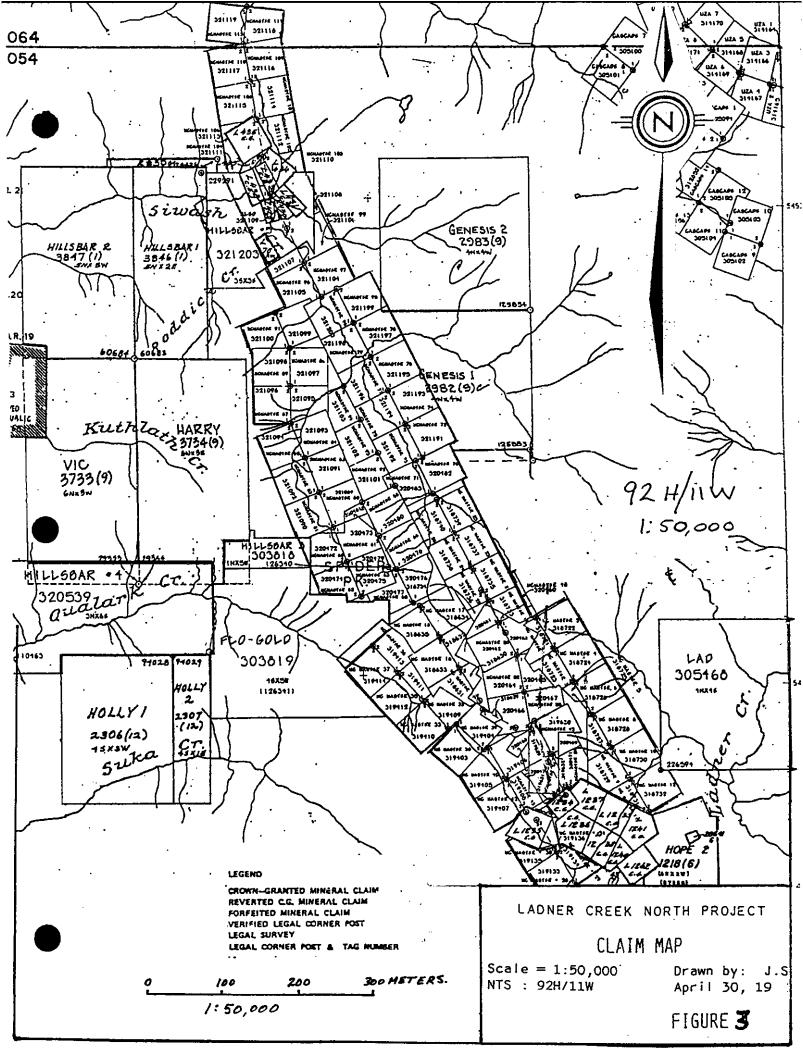


TABLE I - LIST OF CLAIMS

CLAIM	CLAIM	* EXPIRY	NO. OF
NUMBER	NAME	DATE	UNITS
MCMASTE	R 2 GROUP		
318721	McMaster 1	Jun 30/96	1
318722	McMaster 2	Jun 30/96	1
318723	McMaster 3	Jun 30/96	1
318724	McMaster 4	Jun 30/96	1
318725	McMaster 5	Jun 30/96	1
318726	McMaster 6	Jun 30/96	1
318727	McMaster 7	Jun 30/96	1
318728	McMaster 8	Jun 30/96	1
318729	McMaster 9	Jun 30/96	1
318730	McMaster 10	Jun 30/96	1
318731	McMaster 11	Jun 30/96	1
318732	McMaster 12	Jun 30/96	1
318733	McMaster 19	Jul 03/96	1
318735	McMaster 21	Jul 03/96	1
318737	McMaster 23	Jul 03/96	1
318739	McMaster 25	Jul 03/96	1
318740	McMaster 26	Jul 03/96	1
318629	McMaster 27	Jun 30/96	1
319133	McMaster 28	Jul 12/96	1
319134	McMaster 29	Jul 12/96	1
319135	McMaster 30	Jul 12/96	1
319136	McMaster 31	Jul 12/96	1
319405	McMaster 40	Jul 22/96	1
319406	McMaster 41	Jul 22/96	1
319407	McMaster 42	Jul 22/96	1
319408	McMaster 43	Jul 22/96	1
319629	McMaster 44	Jul 29/96	1
319630	McMaster 45	Jul 29/96	1
319631	McMaster 46	Jul 29/96	1
319632	McMaster 47	Jul 29/96	1
320460	McMaster 48	Aug 22/96	1
320461	McMaster 49	Aug 22/96	1
320462	McMaster 50	Aug 22/96	1
320463	McMaster 51	Aug 22/96	1
320464	McMaster 52	Aug 22/96	1
320465	McMaster 53	Aug 22/96	1

CLAIM	CLAIM	* EXPIRY	NO. OF
NUMBER	NAME	DATE	UNITS
320466	McMaster 54	Aug 22/96	1
320467	McMaster 55	Aug 22/96	1
320468	McMaster 56	Aug 22/96	1
320469	McMaster 57	Aug 22/96	ī
320470	McMaster 58	Aug 22/96	1
320471	McMaster 59	Aug 22/96	1
320480	McMaster 68	Aug 25/96	1
320482	McMaster 70	Aug 25/96	1
320483	McMaster 71	Aug 25/96	1
321191	McMaster 72	Sep 24/96	1
321193	McMaster 74	Sep 24/96	1
321195	McMaster 76	Sep 24/96	1
321197	McMaster 78	Sep 24/96	1
321199	McMaster 95	Sep 24/96	1
321200	McMaster 96	Sep 24/96	1
321104	McMaster 97	Sep 25/96	1
321105	McMaster 98	Sep 25/96	1
321106	McMaster 99	Sep 25/96	i
321107	McMaster 100	Sep 25/96	1
321108	McMaster 101	Sep 25/96	1
321109	McMaster 102	Sep 25/96	1
321110	McMaster 103	Sep 25/96	1
321111	McMaster 104	Sep 25/96	1
321112	McMaster 105	Sep 25/96	1
321113	McMaster 106	Sep 25/96	1
321114	McMaster 107	Sep 25/96	1
321115	McMaster 108	Sep 25/96	1
321116	McMaster 109	Sep 25/96	1
321117	McMaster 110	Sep 25/96	1
321118	McMaster 111	Sep 25/96	1
321119	McMaster 112	Sep 25/96	1
326921	Elman Creek 1	Jun 28/96	8
MCMASTER	1 GROUP		
318630	McMaster 13	Jun 30/96	1
318631	McMaster 14	Jun 30/96	1
318632	McMaster 15	Jun 30/96	1
318633	McMaster 16	Jun 30/96	I

McMaster Group 2 = 74 Units McMaster Group 1 = 49 Units

CLAIM	CLAIM	* EXPIRY	NO. OF
NUMBER	NAME	DATE	UNITS
318634	McMaster 17	Jun 30/96	1
318635	McMaster 18	Jun 30/96	1
318734	McMaster 20	Jul 03/96	1
318736	McMaster 22	Jul 03/96	1
318738	McMaster 24	Jul 03/96	1
319409	McMaster 32	Jul 22/96	1
319410	McMaster 33	Jul 22/96	1
319411	McMaster 34	Jul 22/96	1
319412	McMaster 35	Jul 22/96	1
319413	McMaster 36	Jul 22/96	1
319403	McMaster 37	Jul 22/96	1
319404	McMaster 38	Jul 22/96	1
320472	McMaster 39	Jul 22/96	1
320743	McMaster 60	Aug 23/96	
320474	McMaster 61	Aug 23/96	1
320475	McMaster 62	Aug 23/96	1
320476	McMaster 63	Aug 23/96	1
320477	McMaster 64	Aug 25/96	1
320478	McMaster 65	Aug 25/96	1
320479	McMaster 66	Aug 25/96	1
320481	McMaster 67	Aug 25/96	1
321192	McMaster 69	Aug 25/96	1
321194	McMaster 73	Sep 24/96	1
321196	McMaster 75	Sep 24/96	1
321198	McMaster 77	Sep 24/96	1
321089	McMaster 79	Sep 24/96	1
321090	McMaster 80	Sep 24/96	1
321091	McMaster 81	Sep 24/96	1
321092	McMaster 82	Sep 24/96	1
321093	McMaster 83	Sep 24/96	1
321094	McMaster 84	Sep 24/96	1
321095	McMaster 85	Sep 24/96	1,
321096	McMaster 86	Sep 24/96	1
321097	McMaster 87	Sep 24/96	1
321098	McMaster 88	Sep 24/96	1
321099	McMaster 89	Sep 24/96	1
321099	McMaster 90	Sep 24/96	1

CLAIM	CLAIM	* EXPIRY	NO. OF
NUMBER	NAME	DATE	UNITS
321100	McMaster 91	Sep 24/96	1
321101	McMaster 92	Sep 24/96	1
321102	McMaster 93	Sep 24/96	1
321103	McMaster 94	Sep 24/96	1
332248	BASKA 1	Nov 02/96	1
332249	BASKA 2	Nov 02/96	1
332250	BASKA 3	Nov 02/96	1
332251	BASKA 4	Nov 02/96	1

CROWN GRANTED		
CL	<u>AIMS</u>	
CLAIM	CLAIM	
NUMBER	NAME	
Lot 1234	ldaho	
Lot 1235	Tramway	
Lot 1236	Aurum No. 1	
Lot 1237	Aurum No. 2	
Lot 1238	Aurum No. 3	
Lot 1239	Aurum No. 4	
Lot 1240	Aurum No. 5	
Lot 1241	Aurum No. 6	
	Monitor	

^{*} With application of assessment work documented in this report.

FIELD PROCEDURES (MCMASTER CLAIMS)

All geological work and prospecting was done under the author's direct supervision by experienced personnel. In the immediate McMaster Zone area, the 1975 grid could not be accurately reconstituted due to the lack of points still existing in the field. A new grid was established over the area of interest on October, 1989 and extended in 1990.

A baseline (designed 0+00) was cut along the drill access road paralleling the valley bottom east of the McMaster showing. The baseline trends 135° true north. To the south, the baseline extends beyond the end of the road (Station 18+00N) along the forested hillside. The baseline extends from station L17+00N at its southern extremity to station L20+00N at its northern limit. Crosslines perpendicular to the baseline were cut at 30 m intervals, between L18+20N and L19+70N. The crosslines extend easterly along azimuth 045° for up to 60 m and westerly along azimuth 225° to up to 180 m. Stations were established using pickets at 10 m intervals along these lines. The lines were measured by a hip-chain.

The 1975 trenches and locations were tied into the grid. Minor slough has covered some of the 1975 drill hole collars making precise locations difficult to determine. An accurate transit and EDM survey was conducted from Idaho Coordinate Survey Stations by B.C. Land Surveyor S. Nickel, and McMaster maps can now be keyed to Idaho Mine grid. Likewise, the work done between 1981 and 1983 on the Ladner Creek North Project (which includes the Pipestern Mine and upper Siwash Areas) can be keyed into the Idaho grid by survey points brought up from the Tailings Pond into Little Spider Peak.

REGIONAL GEOLOGY

The Idaho Zone and surrounding claims north to the McMaster Zone cover part of the Coquihalla Serpentine Belt, Spider Peak Formation volcanics, and the early to Middle Jurassic Ladner Group sedimentary rocks which are adjacent on the east (Cairnes, 1924; Monger, 1970). The two groups of rocks are separated by the Hozameen Fault (Figure 4.) This assemblage makes up the main elements of the Coquihalla Gold Belt.

General characteristics of the Ladner Creek - Siwash area have been discussed by Cochrane and Griffith in numerous Carolin Mines Limited private reports since 1973. Some of these are listed in the bibliography. Surface mapping by Ray (192, 1983, and 1990) shows that much of the stratigraphy in the immediate vicinity of the Idaho Orebody is inverted. Major folding and tilting of the fault panels appear to be of fundamental importance in ore genesis. A summary of the importance of detail stratigraphic measurements is contained in Shearer and Niels (1983). The lower Ladner Group rocks represent a transition from a proximal turbidite depositional environment to a progressively distal turbidite and deeper water regime. A regular stratigraphic sequence is recognized within the Ladner Group at the Mine (Figure 8).

LOCAL GEOLOGY AND MINERALIZATION

Detailed geological mapping was not done at the McMaster Zone or towards Spider Peak in 1975. The only mapping completed was a general 1:6,000. Government mapping by G.E. Ray in 1983 was a rapid pace and compass traverse. During 1989, systematic 1:500 scale mapping was completed around the trenched area and a 1:1,000 scale general map to the south and west was initiated and extended in 1990. This area was also prospected in 1994 and 1995.

It became clear once the 1975 drilling was correlated with the detail trench mapping that the McMaster Zone is a series of thin fault wedges stacked on top of westerly-dipping post-mineralization shear zones caught up in a major fault melange. These faults appear to be related to a serpentinite-

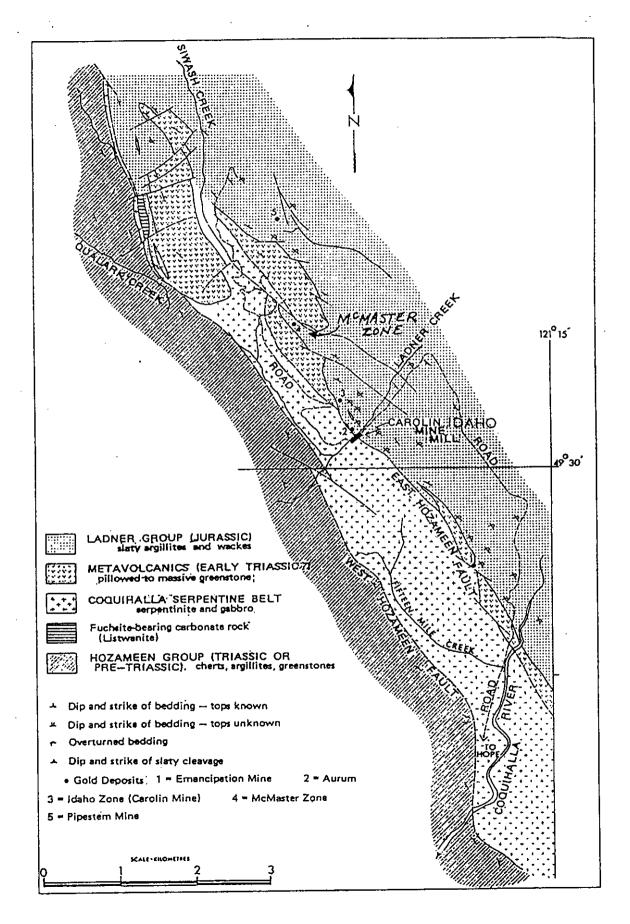


Figure 4 The regional geology of the Carolin-Pipestem-Emancipation gold mines area. (After Ray, 1983).

filled structure which occupies the small valley east of the McMaster mineralized zones. Previous work on the north property suggests in the order of 800 m of right lateral strike-slip movement along this fault (the McMaster Pond Fault). The dip-slip component is presently unknown.

The mineralized zones at McMaster can be subdivided from west to east, Figure 6, as follows:

Zone A: Exposed in North Trench - 0.148 oz/ton Au over 4.3 m. Intersected in hole M-7, M-9 and M-13. Strike length of about 100 m. A Zone is open to the south.

Zone B: Exposed in Middle Trench - 0.136 oz/ton Au over 2.53 m. Intersected in hole M-1, strike length of about 40 m. B Zone is open to the south.

Zone C: Highest Grade Zone, exposed in Middle and South trenches - 0.350 oz/ton Au over 6.59 m and 0.267 oz/ton over 2.93 m. Intersected in holes M-2, M-3, M-10, M-11 but is faulted off above holes M-4, M-5 and M-6. Strike length about 120 m (as presently known).

Zone D: Exposed in South Trench - 0.047 oz/ton Au over 3.60 m. Intersected in hole M-6 and M-12. Strike length about 100m. D Zone is open to the south.

Zone E: Exposed in South Trench (now sloughed in) - 0.138 oz/ton Au over 6.10 m.

Intersected in hole M-12. 6.50 averaged 0.152 oz/ton gold. Strike length as presently known is 50 m but is open to the south.

Note: Other mineralized zones can be expected to the west at depth such as indicated in holes M-9, M-12 and M-13.

The mineralized zones strike about 320° to 340° and dip 60° to the east. The trend of the bedding and mineralized zones appears to be dragged toward the McMaster Pond Fault due to right lateral movement.

The results of the mapping indicate that the McMaster Zone is underlain by the same stratigraphic package of rocks found in the Idaho Mine area (refer to Figure 5) as shown below.

TABLE II

STRATIGRAPHIC - STRUCTURAL PACKAGE AT THE MCMASTER ZONE

(structurally "up" to the east)

- 1) Mylonitic Volcanics (Spider Peak Formation)(displaced along fault)
- 2) McMaster Pond Fault Structures and Splays (Serpentinite)
- 3) Variable: Chloritic, Greywacke, Lithicwacke
- 4) Zone Material Mineralized Zone containing quartz-albite-carbonate alteration and arsenopyrite, pyrite, pyrite, pyrite and ± chalcopyrite mineralization
- 5) Chloritic Greywacke
- 6) Siltstone
 - a. Siltstone
 - b. Argillaceous Siltstone
- 7) Turbidite
 - a. Greywacke
 - b. Lithicwacke
 - c. Conglomerates (pebble to boulder)) graded sequences
 - d. Siltstone)
- 8) Conglomeratic Argillite (matrix supported clasts)
- 9) Mylonitic Volcanics
- 10) Hozameen Fault and Ultramafic Complex

The mineralized zones exhibit the same sulfide mineralization and alteration found in the "Zone Material" of the Idaho ore bodies. Pyrite, arsenopyrite and pyrrhotite predominate, but minor chalcopyrite was observed. The alteration assemblage is pervasive albite-quartz and carbonate.

SCHEMATIC STRATIGRAPHIC COLUMN

SYMBOL	NAME	THICKNE	
	CETTED		
	EEEEE ZONE M	ATERIAL: OF	RE ZONE
	GESESSO dibitarq	uartz – calcite	alteration
	SILTY ARGILLITE	30	
	CONGLOMERATIC SILTY ARGILLITE	15	
**************************************	GREYWACKE	10	·
*	SILTSTONE		
	SILTY ARGILLITE	15	
77 P. 77	LITHIC WACKE	. 5	
	PEBBLE CONGLOMERAT		
	BOULDER CONGLOMERA	-	
	MULTI COLORED ARGIL		
	SILTSTONE	. 30	
_			
	.)	20	THIN SECOED Turbicite
	TURSIDITE	35	MIXED TURBIDITE
		15	THIN BEDDED ARGOTHE
)	12-20	LITHIC WACKE
4 V V V V			COBBLE
		4	CONGLOMERATE
g, y,		25	AMYGOALOIDAL Andesite
" / X X Z			VOLCANIC
4 9	VOLCANICS	3-30	AGGLOMERATE
**	(
5 9 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		40	ANDESITIC TUFF
4 15 15	J		
J. 4. J.	ULTRAMAFIC COMPLE	х	SERPENTINITE, GABBRO, META-ANDESITE
FIGURE 8	STRATIGRAPHY in th	e vicinity o	f the CAROLIN

MINE.

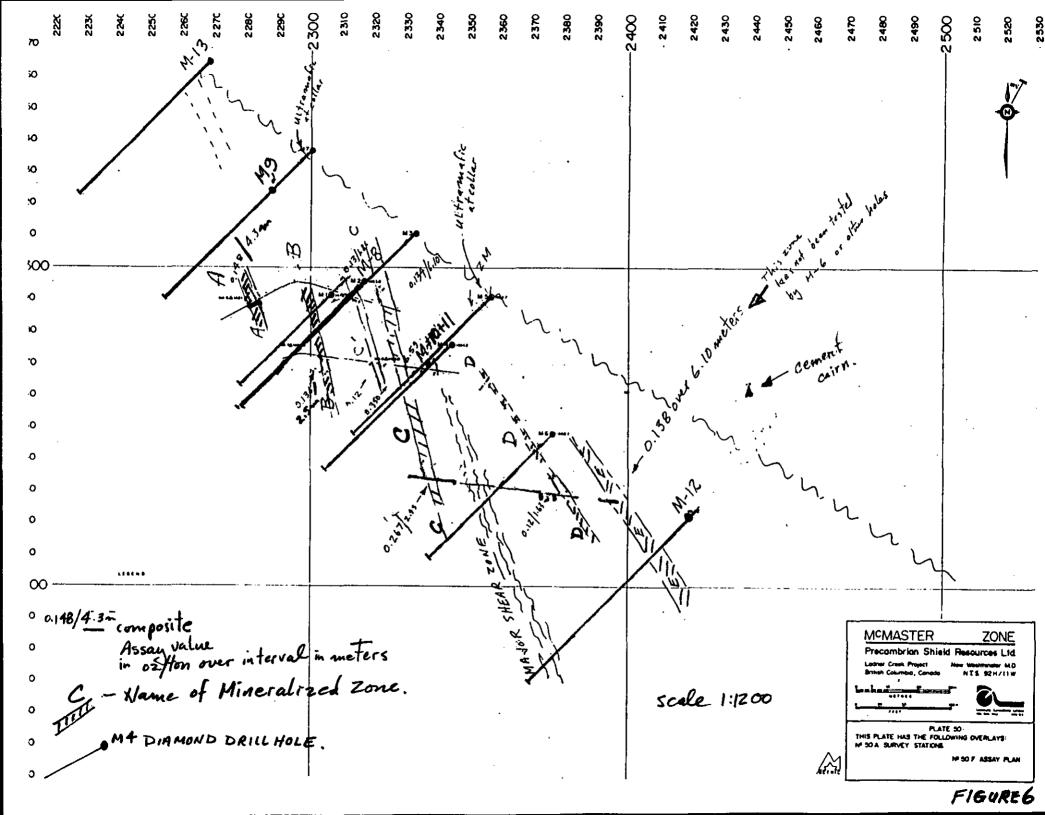
The rocks at McMaster strike northwesterly, ranging between 300° and 318° on the west part of the trenches, and dip steeply to the northeast between 65° and 80°. Several large, westerly dipping shear zones have been identified trending subparallel to the mineralized zones. These shear zones appear to truncate the mineralized zones at depth which gives an overall package of thin fault wedges.

Individual rock types in the general McMaster claims area can be subdivided as follows:

McMaster Zone Rock Types

- Mylonitic Volcanics: found on the east side of the McMaster Valley and Spider Peak. These
 volcanic rocks are characterized by a fine grained greenish highly brecciated chloritic andesite
 or basalt.
- 2. McMaster Pond Fault Structure: a northwesterly trending large fault structure that floors the McMaster Valley. This fault structure is filled with an elongate serpentinite body as indicated by the ground magnetometer results. Strike-slip displacement appears to be in the order of 800 meters of right-lateral movement.
- 3. Serpentinite: this unit has been observed occasionally at the collars of drill holes located at the base of McMaster ridge. The serpentinite is characterized by dark green to black highly sheared (slickensided), serpentinite cut by white calc-silicate stringers and occasional antigorite veinlets.
- 4. Zone Material: this rock type is an alteration feature consisting of albite, quartz and carbonate. The rock is characterized by a light grey (may vary to dark charcoal grey) color that is often cut by coarser quartz-carbonate-albite veins. Pervasive quartz-carbonate-albite flooding is also common. The rock is often well fractured with calcite occurring on vein and fracture margins.

Albite is also present as discrete which crystals occurring within the more translucent quartz



veins. A dramatically increased level of sulfide mineral in the range of 6-12% by volume clearly distinguished "Zone Material" alteration from other altered units. Pyrite, pyrrhotite, arsenopyrite and occasionally chalcopyrite are the primary sulfides. Gold is found associated with this mineral assemblage. The sulfides occur as blebs within veins, coatings along fractures and vein margins and disseminations.

- 5. Chloritic Greywacke: dark green grey, fine grained, massive. Generally found adjacent to Zone Material sections. Chlorite alteration is intense and chloritic laminations are found on slickensided surfaces in sheared areas within this unit. Quartz alteration is normally weak. Carbonate alteration can vary considerably and occurs mainly along fine hairline fractures and as fine stringers.
- 6. Siltstone: on the McMaster claims, two distinct siltstone units were found.
 - a. Siltstone: grey to greenish grey, very fine grained well bedded unit. There is no change in grain size within the various layers. This sequence can take on a massive appearance when fractured.
 - b. Argillaceous Siltstone: dark charcoal grey, very fined grained well layered unit. Slight variation in color of individual layers in parts a strong banded appearance to rock. Graphite is usually abundant along bedding planes and on slickensided surface. Graphite appears to develop readily even in weakly sheared argillaceous siltstones. Carbonate alteration varies considerably and occurs pervasively throughout rock when alteration is strong.
- 7. Turbidite: this sequence of rocks consists of several distinct rock types that exhibit gradational contacts to each other commonly within one bed. The constituent sub-units are:
 - a. Greywacke: a finely clastic greenish unit that ranges from relatively even grained to well bedded appearance. The beds differ from siltstone in that grain size gradations

are readily observed in layers less that 1 cm thick. Colour ranges from light grey green to dark greenish grey.

- b. Lithicwacke: light grey green unit composed of angular elongated clasts. The coarse grained lithicwacke sequence grade in to pebble conglomerates. The lithicwacke units generally have gradational contacts between fine to medium to coarse grained sections although abrupt contacts are observed. Framework grains are always close packed. Alignment of clasts imparts a rough pseudofoliated appearance.
- c. Pebble Conglomerates: pebble conglomerates are generally characterized by a light grey colour and clast size of less than 2 cm diameter. Clasts are close packed and are often flattened. They form the basalt part of the lithicwacke units.
- d. Siltstone: light green grey, thin bedded to laminated sections. Gradational grain sizing within layers is not common.
- 8. Conglomeratic Argillite: this unit occurs very commonly in the McMaster claim area and is a dark charcoal grey coloured sequence. A distinguishing feature is that it is most commonly found as a very loosely packed unit with pebble sized clasts. Dark grey matrix material surrounds most clasts. This unit occurs to the east of the Idaho No. 1 ore zone at 934N.

REVIEW OF PREVIOUS DIAMOND DRILLING

In November 1975, a total of 1,699 feet of surface diamond drilling was completed in seven holes. This core was relogged in September 1989, enabling accurate correlation between the recent surface mapping and the subsurface data base. It is fortunate that the 1975 McMaster core was available and in good shape. In October - November of 1989, a further 1,369 feet of diamond drilling was completed in six holes. Drilling has been concentrated on six drill sections. Significant mineralized zones are listed in Table III.

On the northernmost cross-section, four separate mineralized zones were encountered. Hole M-13 was collared in "A" Zone which is exposed in the new road cut. The other three mineralized zones have not been noted in outcrop, but would be expected to subcrop to the west of the presently trenched area. Future diamond drilling should be done both above and below M-13.

Drill hold M-9 was placed 15 m above hole M-7. The zone encountered in M-9 is considerably higher grade than the zone in M-7. Faulting appears to have disrupted the section in the M-7 area as indicated by the density of slickensides and rubbly-broken core.

Four holes have been drilled under the Central Trench. Hole M-1 was collared west of the higher grade Zone "C", and only intersected a narrow part of Zone "B". Holes M-2, M-8 and M-3 cut a faulted section of Zone "C" indicating a down-dip extend to 40 m. Hole M-8 appears to have traveled mainly along a subsidiary west-dipping shear splay related to McMaster Pond Fault. The deeper parts of the holes are less disrupted by faulting and the conglomeratic argillite and turbidite units can be traced throughout the section between holes.

Several small fault slices are evident near the top of holes M-10 and 11. Short intervals of conglomeratic argillite are associated with argillaceous siltstone, chloritic greywacke and weak zone material farther down the holes. This is in contrast to the turbidite assemblage encountered near the end of M-4 and 5. The wide brecciated fault structure noted in holes M-4 and 5 correlates well with the shear zone mapped in the south and central trenches. Part of Zone "C" was cut in holes M-10

and 11. A narrow mineralized zone was found in M-4 and 5 (Zone "D") which reflects the northern continuation of the Zone "D" exposed in the South Trench.

Hole M-6 intersected a narrow part of Zone "D". The length of the surface drill rig did not allow a hole to be collared in the South Trench to test Zone "C". Future drilling will require a small rig capable of drilling 30 to 50 m holes.

The most southerly hole intersected 6.5 m averaging 0.152 oz/ton Au. This is Zone "E" which was cut in the South Trench (0.138 oz/ton Au over 6.10 m) but is now covered by slough from the top of the trench. This zone is the most immediate major target for future drilling. To the south, Zone "E" would be expected to diverge from the McMaster Pond Fault structures, thus increasing the possibility of down-dip continuity. Accurate mapping of the cross fault, subparallel but 120 m south of the McMaster Pond Fault, will determine the details of the follow-up program to trace Zone "E" toward the south.

Prospecting and geological mapping was also carried out in 1994 and 1995 around the Pipestem Mine and north of Spider Peak. Results of this program are plotted on Figure 8 (in pocket). During mapping, a total of 64 rock samples were collected and analyzed. The results for gold were relatively low, with the highest sample, 74959, from the Hozameen Fault area assaying 160 ppb Au.

The Lorraine Showing in the South Pipestem Area, Figures 7 and 8, was originally exposed over a length of 15 meters and a width of about 3 meters. Erosion along the road has now exposed the showing 50 meters to the east. Detailed backhoe trenching is required around the Lorraine Showing to define the trend of the mineralized zone to be followed up by diamond drilling.

GEOCHEMISTRY

Soil sampling in 1975 outlined very highly anomalous values (in excess of 1,450 parts per billion (ppb), gold) over an area 500 ft long by 100 to 200 ft in width. In addition, anomalous soil results

give a well defined (greater than 540 ppb Au) pattern over 1,700 feet in length from line 72N+500E to line 86N+00E. Lower value gold-in-soil results (greater than 90 ppb Au) continue southeast toward the Montana Adit above the Idaho #2 zone outcrop. The size and intensity of the soil anomaly over the McMaster zone is similar to the soil anomaly found over the Idaho Zone.

In 1986, follow-up soil sampling was completed by Arctex Engineering Services for Pennant Holdings Ltd. over eleven small grids between the Aurum Zone and the Pipestem Mine. The 72+00N, 5+00E grid is located southeast of the McMaster Zone. Gold values in soil ranged form 10 ppb to 1,250 ppb. This grid should be extended to the east to the Rush of the Bull showings.

In 1994, during the present program, a total of 24 samples, Figure 8, were taken across strike of the greywacke unit trending north from the Pipestem Mine. Results were uniformly low in Au.

GEOPHYSICS

Review of Ground Magnetometer Survey (1975)

A wide-spaced ground magnetometer survey covering the McMaster area was conducted during 1975 as part of a much larger program. The magnetometer results indicate the northwesterly trend of the Coquihalla Serpentine Belt. This ultramafic body is bounded by the East Hozameen Fault. The magnetic pattern shows a major dislocation in the strike continuity of the Belt in the McMaster Zone area. The northwest trending general McMaster Pond Fault that occupies the McMaster - Upper Deadman Creek Valley displaces the serpentine 800 m to the east by right-lateral strike-slip motion.

On a smaller scale, northeast to southwest cross faulting has moved a segment of the serpentinite body eastwards between line 69N and line 80N. This cross faulting may have an impact on the continuity of the McMaster Zone mineralization to the southeast.

In the McMaster Zone mineralized area along the ridge west of the cut road, two discrete lower intensity anomalies designated Anomaly A + B were outlined. These anomalies are probably caused, in part, by pyrrhotite content of argillaceous siltstones, turbidites and conglomeratic argillites adjacent to the gold-bearing quartz-albite-carbonate zones.

GEOLOGICAL AND PROSPECTING ASSESSMENT REPORT

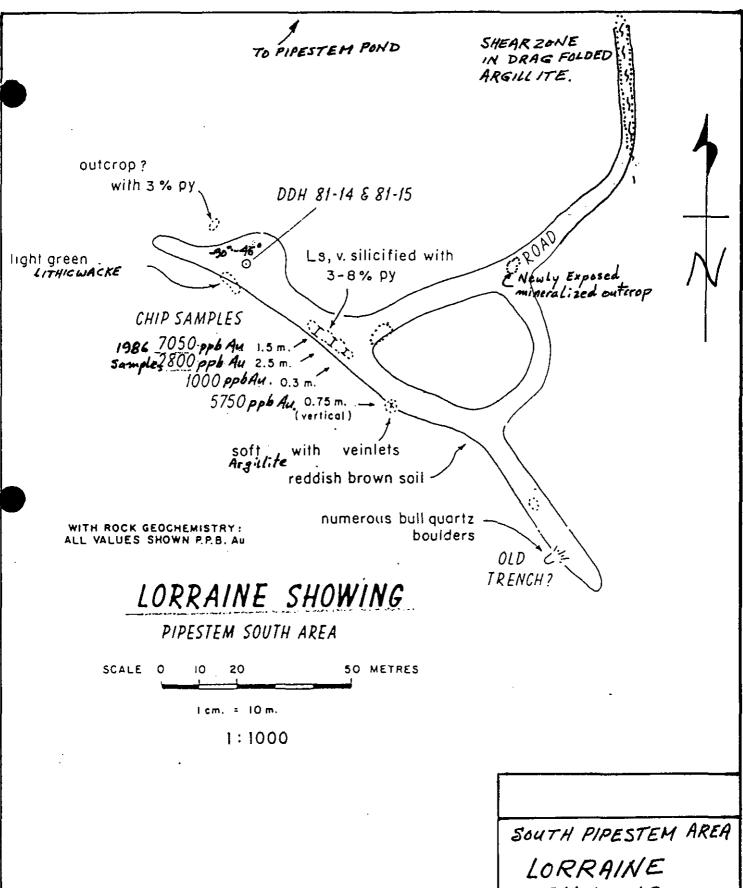
A narrow high intensity anomaly (Anomaly C) is located approximately 600 m southeast of the end of the trench access road. This anomaly may represent a local shear zone which could be associated with mineralized zone material.

TABLE III

SIGNIFICANT GOLD INTERSECTIONS AT MCMASTER ZONE

1975 AND 1989 DIAMOND DRILLING

DRILL	DRILL	DRILL	LENC	GTH	AVERAGE	
HOLE	1	INTERSECTIONS			GRADE	
	(m)	(ft)	<u></u>	<u> </u>	oz/ton Au	┧
1975						┨.
M-1 Zone B	12.65 - 16.80 m			(13.6 f	0.070	Ħ
M-2 Zone C	5.80 - 11.53 m	19.03 - 37.83 ft	5.93 m	(19.45 ft	0.130	1
M-3 Zone C	19.90 - 26.26 m	65.29 - 8 6.15 ft	6.36 m	(20.86 ft	0.110	
	62.40 - 64.0 m	204.72 - 209.97 ft	1.90 m	(6.23 f	0.070	
M-4 Zone D	6.32 - 9.70 m	20.73 - 31.82 ft	3.38 m	(11.09 ft	0.069	
M-5 Zone D	24.75 - 26.14 m	81.20 - 85.76 ft	1.39 m	(4.56 f	0.050	
M-6 Zone D	6.70 - 12.70 m	21.98 - 41.67 ft	6.00 m	(19.68 ft	0.064	
M-7 ZenA	26.71 - 40.00 m	87.63 - 131.23 ft	13.29 m	(43.60 ft	0.045	
1989						
M-8 Zone C	10.19 - 15.60 m	33.43 - 51.13 ft	5.41 m	(17.75 ft	0.047	
M-9 Zone A	2.74 - 8.48 m	8.99 - 27.82 ft	5.74 m	(18.83 ft	0.083]
	8.48 - 12.00 m	27.82 - 39.37 ft	3.52 m	(11.55 ft	0.035	
	12.00 - 22.61 m	39.37 - 74.18 ft	10,61 m	(34.81 ft	0.076	l
	27.40 - 22.61 m	8.99 - 74.18 ft	19.87 m	(65.20 ft	0.070	
	83.41 - 84.41 m	273.65 - 276.93 ft	1.00 m	(3.29 f	0.090	
M-10 Zonec	2.28 - 6.05 m	7.48 - 19.85 ft	3.77 m	(12.37 ft	0.132	1
M-11 Zonec	2.44 - 8.74 m	8.00 - 28.67 ft	6.29 m	(20.63 ft	0.068	1
	8.74 - 17.00 m	28.67 - 55.77 ft	8.27 m	(27.10 ft	0.015	
	44.69 - 48.09 m	146.62 - 157.77 ft	3.40 m	(11.15 ft	0.023	1
M-12 Zone D	8.50 - 15.00 m	27.89 - 49.21 ft	6.50 m	(26.25 ft	0.152	Ъ
includes	12.50 - 15.00 m	41.01 - 49.21 ft	2.50 m	(8.20 f	0.190]
	51.50 - 54.00 m	168.96 - 177.16 ft	2.50 m	(8.20 f	0.053	
M-13 ZoneA	0.91 - 3.00 m	<u> </u>		(6.85 f	0.124	1
a 30ther	3.00 - 12.50 m	1	1	(31.17 ft		ľ
20105?	12.50 - 14.34 m	·	1	(6.03 f	0,160	1
	0.91 - 14.34 m	+		(44.06 ft		
	25,60 - 28,00 m		2.40 m	(7.87 f	0.043	
	30.28 - 40.00 m	1	9.72 m	(31.89 ft	•	I



SHOWING

W.T.S: 92H/IIW SCALE: 1:1,000 WORK BY: VTS FIGURE 7

CONCLUSIONS

The current work program in 1994 and 1995 on the McMaster claims was successful in correlating the newly collected surface mapping data with the limited subsurface data from the 1975 and 1989 diamond drilling to form a coherent geological synthesis. The continuity of certain mineralized zones between sections (and to depth) within particular fault wedges has been established by the 1990 trenching and current prospecting.

The five known outcropping zones at McMaster strike about 320° to 340° and dip 60°E. They are truncated at depth by a series of 75° west-dipping post-mineralization faults. Zone C appears to extend to a depth of about 40 m along cross section M-1,2,3 and 8. The Southern (Zone E) and Northern (Zone A) limits of the McMaster Zone are open and the high gold-in-soil results suggest a possible extension 500 ft to the northwest and at least 600 ft to the southeast. The magnitude and scope of the future work required to fully evaluate the McMaster Zone can now be accurately estimated. Since the McMaster Zone outcrops along a small knoll, the extraction by open cast methods of near surface ore (that may be defined by future programs) is a distinct possibility.

Considering the possible strike length, number of mineralized zones, width of mineralization, gold grades and known extend down-dip and general geological parameters, the McMaster Zone has the potential to contain mineral deposit similar in size and grade to the Idaho Zone which was developed into the Ladner Creek Mine. (Approximate published reserves at the start of mining of 1.5 million tons averaging 0.141 oz/ton at a 0.08 cut-off with 20% dilution.)

GEOLOGICAL AND PROSPECTING ASSESSMENT REPORT

RECOMMENDATIONS

Based on the results of the 1995 work program, the following orderly exploration program is recommended for the McMaster Zone Area:

- 1. Complete the 1:1,000 geological mapping, fill-in-soil sampling and ground magnetometer surveys of the area.
- 2. 6,000 feet of diamond drilling split between a small (Gopher-type drill capable of 200-300' holes) drill and a larger drill capable of 500' to 1,000' holes.
- Diamond drill the Lorraine Showing.

The cost of such a program will be approximately CD\$300,000. If this program is successful in extending the continuity of the McMaster Zones to the north and south and to depth, then a detailed major definition drill program would be required to define minable ore reserves.

Respectfully submitted,

J.T. Shearer, M.Sc., FGAC, P.Geo.

July 20, 1995

COST ESTIMATE FOR FUTURE WORK MCMASTER ZONE

PHASE A

1.	Geological mapping, 1:1,000, Grid Control	\$ 16,000
2.	Transit-EDM Survey Control	8,000
3.	Mob and Demob of Excavator	2,000
4.	Camp Costs (Food and Supplies) Utilizing McMaster Camp	4,000
5.	Transportation	3,000
6.	Analytical (Rock and Soil)	8,000
7.	Compilation and Report Preparation	4,000
	Subtotal	45,000
8.	Contingencies (10%)	_5,000
	Subtotal	50,000

PHASE B

1.	Diamond Drilling, 6,000 ft at \$35 (all in) plus Geological Supervision	n	210,000
2.	Analytical		10,000
3.	Compilation and Report Preparation		<u>7,000</u>
	Subtotal		226,000
4.	Contingencies (10%)		23,000
	Subtotal		250,000
GRA	ND TOTAL	\$	300,000

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APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

- I, Johan T. Shearer of 1817 Greenmount Avenue, in the City of Port Coquitlam, in the Province of British Columbia, do hereby certify:
- 1. I graduated in Honours Geology (B.Sc., 1973) from the University of British Columbia and the University of London, Imperial College, (M.Sc., 1977).
- 2. I have practised my profession as an Exploration Geologist continuously since graduation and have been employed by such mining companies as McIntyre Mines Ltd., J.C. Stephen Explorations Ltd., Carolin Mines Ltd. And TRM Engineering Ltd. I am presently employed by Homegold Resources Ltd.
- 3. I am a fellow of the Geological Association of Canada (Fellow No. F439). I am also a member of the Canadian Institute of Mining and Metallurgy, the Geological Society of London and the Mineralogical Association of Canada. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia. (P. Geo., Member No. 19,279).
- 4. I am an independent consulting geologist employed since December 1986 by Homegold Resources Ltd. at Unit #5 2330 Tyner Street, Port Coquitlam, British Columbia.
- 5. I am the author of the report entitled "Geological and Prospecting Assessment on the McMaster Claims Siwash Creek Ladner Creek Area", dated July 20, 1995.
- 6. I have visited the property numerous times since 1981 and carried out geological mapping, drill core logging and sample collection. I am familiar with the regional geology and geology of nearby properties. I have become familiar with the previous work conducted on the McMaster Zone by examining in detail the available reports, plans and sections, logging core and have discussed previous work with persons knowledgeable of the area. I have worked along the entire Coquihalla Gold Belt as an amployee of Carolin Mines Ltd. From February 1981 to March 1984 and supervised exploration programs in 1987, 1989 and 1990, as well as mapping and prospecting in October 1994 and June 1995.

7. I own or expect to receive an interest (direct, indirect or contingent) of approximately 13% in the property described herein by way of the securities of Athabaska Gold Resources Ltd., but not in respect to services rendered in preparation of this report.

Dated at Port Coquitlam, British Columbia, this 20th day of July, 199

.T. Shearer, M.Sc., P.Geo.

APPENDIX II

STATEMENT OF COSTS (MCMASTER 1989 PROGRAM)

MCMASTER CLAIMS 1994-1995 STATEMENT OF COSTS

WAGES AND BENEFITS			GROUP 1	GROUP 2
	5	2000	45 units	79 units
J.T. Shearer, Geologist - October 22-26/94	8 days @ 400	3,200.00	1,200.00	2,000.00
W.B. Lennan, Geologist - October 19-25/94	7 days @ 275	1,925.00	900.00	1,025.00
A.E. Angus, Prospector - October 19-26/94	11 days @ 225	2,475.00	975.00	1,500.00
- June 12-14/95				
S.E. Angus, Prospector - June 12/14/95	3 days @ 225	675.00	•	675.00
	Subtotal	8,275.00	3,075.00	5,200.00
	GST	579.25	215.25	364.00
		8,854.25	3,290.25	5,564.00
TRANSPORTATION	 			
4x4 Trucks	12 days @ 75	900.00	300.00	600.00
Bike	11 days @ 25	275.00	90.00	185.00
Four Trax	11 days @ 40	440.00	112.00	328.00
Lennan Truck		168.92	50.00	118.92
Gas and Oil		297.89	100.00	197.89
Full Camp Rental	11 days @ 100	1,100.00	330.00	770.00
Groceries		798.00	239.00	559.00
Consumables - kerosene, propane, sample bags, flagging		208.91	60.00	148.91
Reference Materials		21.40	7.00	14.40
Analytical Chemex Labs				
64 Rock Samples @ An+ICP prep & analysys 20.00		1,331.94	400,00	931.94
25 soil samples		409.28	130.00	279.28
Base Map		143.00	50.00	93.00
DRAFTING - 24 hours @ \$35 per hour		840.00	350.00	490.00
Report Preparation 4 days @ 300		1,200.00	400.00	800,00
Word Processing and Reproduction		350.00	115.00	235.00
				11.315
	GRAND TOTAL	17,338.59	6,023.25	***************************************

APPENDIX III

ANALYTICAL PROCEDURE

AND

ASSAY CERTIFICATES

MCMASTER CLAIMS, 1994-1995

PLACER DOME RESEARCH CENTRE

Geochemical Analysis

Project/Venture: Area:

Remarks:

BC GEN 1K

PROPERTY EXAM

Submitted by: Lab Project No.: J SHEARER D3204

Sample Type: ROCK

Date Received: Date Completed:

Nov 22, 1993 Nov 25, 1993

J SHEARER

R PEASE E KIMURA B FOWLER

Au - 10.0 g sample digested with Aqua Regis and determined by Graphite Furrace A.A. (D.L. 1 PPB) ICP - 0.5 g sample digested with 4 mi Aqua Regia at 100 Deg. C for 2 hours.

N.B. The major codds elements, Be, Be, Cr. La and W are sarely dissolved completely with this acid dissolution method.

SAMPLE	Au	Αo	Мо	Çu	8258	Zn	As	Sb }	Çd	W NI S	Co	Mn	ы	Ĉr 👸	X.	9a.	₩	Ве	F		Π.	A	Ċa.	Fe	26, 14	К	:Mai	5
No.	ppb	ppm	ppm	ppm	рот	ppm	ppm	ppm	ppm	ppm	ppm :	ppm	ppm	ррт 💮	om:	ppm	ppm	ppm	ppm	200	%	%	%	%	**	%	*	- %
60053	32	0.1	3	11	3902 4	12	23	\$	<0.1	21	2	57	4	255		3	<5	<0.1	<1		<0.01	0.11	0.01	0.86	~0.00	<0.01	0.03	40.01
60054	38	0.1	2	39	3 C	52	10	<5 €	0.2	32091	4	263	3	171 🕸	(2)	31	<5 ∤	0.1	4		<0.01	0.47	0.04	1.47	0.2	0.07	0.05	0.02
60055	71	0.1	14	6	1. A.	11	296	රේ	0.1	3 M	<1	60	2	250	12	14	<5	<0.1	<1	- X	<0.01	0.10	0.02	0.81	×0.01	0.02	0.04	<0.01
60058	S	-0.1	14	30	4 4 TO	82	26	a	0.3	m 80	8	620	6	196	34	27	<5	0.3	. 4	233 3	<0.01	1.03	2.50	3.63	0.40	0.05	0.03	0.03
80057	1 1	0.2	18	49	7.70	79	0	<5	0.2		7	294	6	23	45	41	<5	0.2	2		<0.01	1,74	0.13	3.76	المحادد	0.09	0.04	5.06
			i							111114		- 1	- 1			Ţ	- 1					1						'
80058	255	0.3	11	9		18	125	<5	<0.1		<1	81	3	152	33	5	<5	<0.1	3	40.0	€0,01	0.19	0.05	1.44	.001	<0.01	0.08	0.08
60069	3	0.1	6	15		63	13	<5	1,1	342	- 4	723	- 4	186	20	38	<5	0.2	3		CO.01	0.68	3.26	1.89	-0.00	0.06	0.03	0.04
60060	145	-0.1	- ai	10	3	31	190	ය	0.6	3502	83	631	<2 ⋅	755 🎊		11	<5	0.2	3		<0.01	0.20	0.31	5.13	4.5	0.01	<0.01	0.02
60061	410	0.4	14	20	3.11.5	28	98	<5	<0.1		3	96	5	158	30	24	<5	0.1	2		<0.01	0, 14	0.05	1.42	0.13	0.05	0.04	0.02
DUP 60061	356	0.4	14			25	95	<5	<0.1	:: 10	2	62	4	147	22	24	< 5	<0.1	2	811.6	43.01	0.14	0.04	1.34	10.05	0.05	0.04	0.02
						į								200			- 1	f	•	232454						1		1 !
60062	21	-0.1	9	42		26	23	<5 l	0.1	10	8	177	a	215		15	18	0.3	e		<0.01	0.22	0.02	1.74	0.04	0,04	0.02	0.02
60063	5	-0.1	11	11		17	17	<5	40. 1	15	4	465	<2	205	70	55	10	0.2	3	7.5	<0.01	0.22	0.24	231	0 60	0.08	0.02	0.13
STD SPK-P1	53	0.3	63	27	341	141	22	5	0.4		6	602	4	111	35	175	<5 ₹	0.5	9	# 90°	0.11	1.09	0.94	2.29	0.85	0.36	0.07	0,08

NOV 30 1993
PLACER DOME INC.
EXPLORATION

tonday December 6, 1993 13:07 DEC 06 '93



Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 FAX: 604-984-0218



To: NEW GLOBAL RESOURCES

548 BEATTY ST. VANCOUVER, BC V6B 2L3

Project:

Project: SIWASH Comments: ATTN: JOE SHEARER

Page Number :2-A ges :2

ale Dale: 04-NOV-94 Invoice No. 19429782

P.O. Number Account EIJ

REP ODB 5 25 5 25 5 25 5 25 5 25 5 25 5 25 5 2	94	Au ppb FA+AA < 5 < 5 < 5 < 5 < 5 < 5 < 5	Lg ppm < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2	0.61 0.65 0.69 0.09 0.25	162 122 166 116 100	Ba ppm < 10 < 10 20 10 < 10 10 60	Be ppm < 0.5 < 0.5 < 0.5 < 0.5 < 0.5 < 0.5 < 0.5 < 0.5 < 0.5	Bi ppm < 2 < 2 < 2 < 2 < 2 < 2 < 2	Ca % 0.40 0.37 0.50 0.23 0.35	2.0 1.0 1.5 1.5	Co ppm 57 44 63 51 51	Cr ppm 1640 1270 1230 377 1025	Cu ppm 18 19 18	4.00 2.87 4.30 3.75	Ga ppm < 10 < 10 < 10 < 10 < 10	< 1	0.01 0.01 0.03 0.02	La ppm < 10 < 10 < 10 < 10 < 10	9.98 4.72 6.66 13.30	660
5 25 5 25 5 25 5 25 5 25 5 25 5 25 5 25	94 94 94 94 94 94	<pre></pre>	< 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2	0.65 0.69 0.09 0.25 1.30 2.64 1.43	122 166 116 100 22 62	< 10 20 10 < 10 < 10 110 60	< 0.5 < 0.5 < 0.5 < 0.5 < 0.5	< 2 < 2 < 2 < 2	0.37 0.50 0.23 0.35	1.0 1.5 1.5	44 63 51	1270 1230 377	19 18	2.87 4.30	< 10 < 10	< 1 < 1	0.01 0.03	< 10 < 10	4.72 6.66	420 660
5 25 5 25 5 25 5 25 5 25 5 25 5 25 5 25	94 94 94 94 94 94	* 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	< 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2	0.69 0.09 0.25 1.30 2.64 1.43	166 116 100 22 62	20 10 < 10 110 60	< 0.5 < 0.5 < 0.5 < 0.5	< 2 < 2 < 2	0.50 0.23 0.35	1.0 1.5 1.5	44 63 51	1270 1230 377	19 18	2.87 4.30	< 10 < 10	< 1 < 1	0.01 0.03	< 10 < 10	4.72 6.66	420 660
5 25 5 25 5 25 5 25 5 25 5 25 5 25	94 94 94 94 94	< 5 < 5 < 5 < 5 < 5	< 0.2 < 0.2 0.6 < 0.2 < 0.2 < 0.2	0.09 0.25 1.30 2.64 1.43	116 100 22 62	10 < 10 110 60	< 0.5 < 0.5 < 0.5	< 2 < 2	0.23 0.35	1.5	51	377	-							660
5 25 5 25 5 25 5 25 5 25 5 25	94 94 94 94	< 5 < 5 < 5 < 5	0.6 < 0.2 < 0.2 < 0.2	0.25 1.30 2.64 1.43	100 22 62	< 10 110 60	< 0.5	< 2	0.35				7	3.75	2 ¶N	₹1	በ ስን	< 10	12 20	
5 25 5 25 5 25 5 25 5 25	94	< 5 < 5 < 5 < 5	0.6 < 0.2 < 0.2 < 0.2	1.30 2.64 1.43	22 62	110 60	< 0.5			1.5	51	1025					0,04		13.30	520
5 29 5 29 5 29 5 29	94 94 94	< 5 < 5 < 5	< 0.2 < 0.2 < 0.2	2.64 1.43	62	60		< 2				1027	9	3.47	< 10	< 1 <	0.01	< 10	13.85	590
5 25 5 25 5 25	94 94	< 5 < 5	< 0.2 < 0.2	1.43			~ O F		3.43	10.5	9	62	57	2.88	< 10		0.27	< 10	0.74	505
5 25 5 25	74	< 5	< 0.2		142			< 2	0.95	0.5	21	269	53	4.84	< 10		0.22	< 10	4.69	810
5 25	4					20	< 0.5	< 2	2.23	1.5	41	918	22	3.83	< 10		0.08	< 10	11.20	730
↓		105		2.77	246	20	< 0.5	< 2	3.81	1.0	26	98	199	5.20	< 10		0.09	< 10	2.78	910
5 20			0.2	0.46	70	80	< 0.5	< 2	0.02	< 0.5	3	83	9	1.6B	< 10	< 1	0.12	< 10	0,06	150
	94	< 5	< 0.2	.0.20	6	< 10	< 0.5	< 2	0.05	< 0.5	4	244	20	0.78	< 10		0.02	< 10	0.11	135
5 2		< 5	< 0.2	0.35	192	10	< 0.5	< 2	0.87	2.0	53	692	15	3.49	< 10		0.01	< 10	12.95	600
5 2		< 5	< 0.2	0.15	200	10	< 0.5	< 2	0.80	1.0	40	450	a	3.15	< 10		0.03	< 10	12.30	415
5 29		< 5	< 0.2	3.45	8	70	< 0.5	< 2	0.27	1.0	18	81	65	5.05	< 10		0.26	< 10	2.58	680
5 39	94	< 5	< 0.2	2.56	16	100	< 0.5	2	0.23	0.5	9	56	46	3.93	< 10	1 (0.33	< 10	1.61	355
		40	1.4	1.07	46		< 0.5	< 2	0.24	1.0	4	77	52	4.25	< 10			< 10	0.35	195
											3		-							335
											4									265
											Ī									215
5 75	34	160	0.4	0.85	508	150	₹ 8.5	< 2	0,04.	1.5	5	- 58	46	4.04	< 10	< 1	0.19	< 10	0.17	195
		< 5	0.6	1.49	1.8	110	< 0.5	< 2	0.10	1.5	6	65	35	3.37	< 10			< 10	0.7B	690
											-							_		480
											_		46					< 10	0.54	245
5 29	94	< 5	< 0.2	0.35	4	10	< 0.5	< 2	0.18	3.0	83	1530	Ð	4.41	< 10	< 1 < 0	3.01	< 10 :	15.00	670
5 _5555 _555	2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2	194 194 194 194 194 194 194 194 294 294	294 < 5 294 40 294 < 5 294 < 5 294 < 5 294 160 294 < 5 294 < 5 294 < 5 294 < 5 294 < 5	294 < 5 < 0.2 294 40 1.4 294 < 5 0.2 294 < 5 0.4 294 < 5 0.4 294 160 0.4 294 < 5 0.6 294 < 5 0.6 294 < 5 0.2 294 < 5 0.2	294	294	294 < 5	294 < 5	294 < 5	294 < 5 < 0.2	294 < 5	294 < 5 < 0.2	294 < 5 < 0.2	294 < 5 < 0.2	294 < 5 < 0.2	294 < 5 < 0.2	294 < 5 < 0.2	294	294	294

CERTIFICATION:		
CEMINGLE AND INC.		



Analytical Chemists * Geochemists * Registered Assayers North Vancouver 212 Brooksbank Ave., British Columbia, Canada V7J 2C1 PHONE; 604-984-0221 FAX: 604-984-0218



To: NEW GLOBAL RESOURCES

548 BEATTY ST. VANCOUVER, BC V88 2L3

Project:

SIWASH Comments: ATTN: JOE SHEARER

CERTIFICATION:_

Pages umber :1-B

iges :2 ate Date: 04-NOV-94 Invoice No. :19429782

P.O. Number Account EIJ

										CE	RTIF	CATE	OF A	NALY	'SIS	A9429782
Sample	PREP	No pom	Ne %	Nī Nī	blau 5	Pb ppm	blur ap	Sc ppm	9r ppm	Ti %	T1 ppm	DDm C	y ppe	Ppm M	Zn ppa	
JTS-01	205 294	< 1	0.08	21	640	4	2	2	25 <		< 10	< 10	19	< 10	46	
JTS-02	205 294		0.01	34	260	< 2 2	6	1 2	7 < 76 <	0.01	< 10 < 10	< 10 < 10	54 14	10 < 10	172 44	
)175-03 175-04	205 294		0.10 0.08	17 11	560 330	< 2	2	ź		0.01	< 10	< 10	66	< 10	90	
TTS-05	205 294		< 0.01	38	4290	2	10	33	87	0.03	< 10	< 10	445	40	280	
TTS-06	205 294		0.02	14	1790	8	8	7			< 10	< 10	100	30	156	
JTS-07	205 294		0.06 0.06	17 20	630 590	< 2	4 2	7	26 36	0.16 0.20	< 10 < 10	< 10 < 10	98 91	10 10	88 94	
JTS-08 JTS-09	205 294		0.05	12	580	- 6	í	á	26	0.13	< 10	< 10	46	10	76	
JTS-10	205 294		0.05	13	470	< 2	8	3	16	0.0\$	< 10	< 10	42	< 10	84	
rrs-11	205 294		0.06	13	420	6	4	4	17 15	0.19	< 10 < 10	< 10 < 10	48 41	< 10 < 10	58 62	
)759-12)759-13	205 294	_	0.07 0.03	12 12	330 520	2 2	2 8	7	1.55	0.01	< 10	< 10	114	20	96	
DTS-14	205 294		0.03	13	120	2	2	2		0.01	< 10	< 10	12	< 10	32	
TS-15	205 294		0.04	25	560	2	2	7	70 <	0.01	< 10	< 10	75	10	94	
JTS-16	205 294		0.05	24	540	4	4	7		8.01 8.01	< 10 < 10	< 10 < 10	62 33	< 10 < 10	84 60	
)	205 294		0.06 0.03	20 18	480 620	4 < 2	1	7	731 <		< 10	< 10	21	10	62	
UTS-19	205 294		0.08	11	480	6	4	9		0.01	< 10	< 10	107	18	102	
39968	205 294	< 1	0.06	3	410	4	4	6	16	0.12	< 10	< 10	35	< 10	60	
39969	205 294		0.07	14	460 340	4 2	4	5		0.01	< 10 < 10	< 10 < 10	49 18	< 10 < 10	126 68	
39970 39971	205 294 205 294		0.03 Q.14	6 6	1030	É	3	4		0.01	₹ 10	< 10	32	< 10	74	
39972	205 294		0.07	5	430	8	4	ā.	9	0.01	< 10	< 10	20	< 10	B2 ·	
39973	205 294		0.09	4	380	6	2	5	23	0.08	< 10	< 10	34	∢ 10	64	
39974	205 294		0.04	8	450 590	< 2 4	2	2 4		0.01	< 10 < 10	< 10 < 10	38 92	< 10 < 10	112 122	
39975 39976	205 294		0.05 0.04	9 7	530	1	2	7	20	0.26	< 10	< 10	62	10	170	
B9977	205 29		0.04	17	640	4	6	4	91	0.15	< 10	< 10	135	10	258	
39978	205 29	L 2	0.02	6	330	< 2	2	2	375 < 	0.01	< 10	< 10	20	< 10	74	
39979	205 29		0.06	10 23	470 1710	6	6	4	10	0.01	< 10 < 10	< 10 < 10	73 141	< 10 < 10	212 538	
39980 39981	205 294		0.04 0.01	169	20	< 2	₹ 1	3	184 <		< 10	< 10	23	< 10	18	
39982	205 29		< 0.01	1525	20	< 2	2	7	< 1 <	0.01	< 10	< 10	30	20	32	
39983	205 29		< 0.01	1510	20	< 2	< 2		< 1 <	0.01	< 10	< 10	29	20	26	
39984	205 29			36	450	2 2	2 2	5 7	5 13	0.13 0.19	< 10 < 10	< 10 < 10	62 54	< 10 < 10	78 120	
99985 99986	205 294		0.03 < 0.01	28 1520	520 60	₹ 2	< 2	ź		0.13	< 10	< 10	31	10	38	
39987	205 29		< 0.01	555	10	₹ 2	Ì 🖁	4		0.01	< 10	< 10	14	10	16	
39989	205 29	-3	< 0.01	1325	40	< 2	4	19	2 <	0.01	< 10	< 10	95	10	54	
		<u> </u>											<u></u>			



Analytical Chemists * Geochemists * Registered Assayers 212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 FAX: 604-984-0218



To: NEW GLOBAL RESOURCES

CERTIFICATE OF ANALYSIS

548 BEATTY ST. VANCOUVER, BC V6B 2L3

Project: SIWASH Comments: ATTN: JOE SHEARER tumber :1-A ges :2

ate Date: 04-NOV-94 Invoice No. P.O. Number :19429782

:EIJ Account

A9429782

		· · · · · · · · · · · · · · · · · · ·				<u> </u>				GE	HILL	CAIL	UF	INAL	1212		19429	102		
SAMPLE	PREP CODE	Au ppb FA+AA) Ag	A1 %	ppm.	Ba ppm	Be ppa	Bi PPB	Ca %	cd ppm	. Co	Cr PPm	Cu ppm	Fe %	Ga. ppm	Hg ppm	K %	pps.	Hg %	K n
778-01	205 294	< 5	< 0.2	0.93	38	90	< 0.5	< 2	0.15	0.5	7	198	10	1.89	< 10	< 1	0.22	< 10	0.33	110
TS-02	205 294	< 5	< 0.2	3.89	12	20	< 0.5	< 2	0.07	< 0.5	10	61	8 9	5.02	< 10	< 1	0.07	< 10	3.36	315
/TS-03 /TS-04	205 294 205 294	15 ≺ 5	< 0.2	0.53 2.36	24 8	40 60	< 0.5 < 0.5	2 6	0.90 0.10	0.5 9.5	7 13	34 24	23	1.64	< 10 < 10	< 1 < 1	0.13 0.12	< 10 < 10	0.30 0.91	270 515
Tg-05	205 294	₹ 5	< 0.2	6.77	74	∢ 10	₹ 0.5	4	1.01	2.0	42	216		>15.00	< 10	< 1	0.01	< 10	1.50	280
TS-06	205 294	₹ 5	< 0.2	3.02	80	40	< 0.5	< 2	4.40	0.5	11	74	26	10.85	< 10	< 1	0.17	< 10	1.24	465
TS-07	205 294	< 5	< 0.2	2.44	42	50	< 0.5	< 2	0.27	1.0	19	54	25	6.17	< 10	< 1	0.11	< 10	1.36	625
TT5-08 TT9-09	205 294 205 294	< 5 < 5	< 0.2	2.72 2.38	30 34	70 170	< 0.5	< 2	0.44	1.0 < 0.5	18	52 38	28 22	6.15 4.89	< 10 < 10	1 < 1	0.15	< 10 < 10	1.73 1.19	675 505
Frg-10	205 294	₹ 5	< 0.2	2.68	22	110	< 0.5 < 0.5	< 2 < 2	0.45 0.23	< 0.5	. 13 . 13	28	25	5.17	< 10	< 1	0.28	< 10	1.69	500
PTS-11	205 294	< 5	< 0.2	1.92	22	130	< 0.5	4	0.28	0.5	11	35	40	4.11	< 10	< 1	0.28	< 10	1.20	470
TE-12	205 294	< 5	< 0.2	1.97	28	110	< 0.5	< 2	0.12	< 0.5	10	46	17	4.13	< 10	1	0.27	< 10	1.19	420
FES-13	205 294	< 5	< 0.2	2.60	48	50	< 0.5	2		< 0.5	16	51	13	7.16	< 10	< 1	0.19	< 10	1.72	845
77 5-14 775-15	205 294 205 294	< 5 < 5	< 0.2 < 0.2	0.42 3.06	26 30	20 160	< 0.5	< 2 < 2	0.08 1.17	< 0.5 0.5	3 16	31.2 73	23 15	1,73 6.08	< 10 < 10	< 1 < 1	0.11 0.36	< 10 < 10	0.08 1.41	135 545
																				
TS-16	205 294	< 5	< 0.2	2.19	72	130	< 0.5	< 2	0.10	0.5	16	124	19	5.04	< 10	< 1	0.24	< 10	0.58	905
T8-17	205 294	< 5	< 0.2	0.90	126	100	< 0.5	< 2	0.15	< 0.5	16	17 9 100	12 13	3.82 2.84	< 10 < 10	1 < 1	0.33 0.38	< 10 < 10	0.23 2.01	805 705
TS-18 TS-19	205 294	< 5 < 5	< 0.2	0.73 2.83	106 22	100 80	< 0.5	< 2 < 2	4.82	< 0.5	. 7 14	37	15 25	5.90	< 10	< 1	0.18	< 10	1.71	515
9968	205 294		< 0.2	1.94	16	170	< 0.5	₹ 2	0.02	< 0.5	3	24	32	3.59	< 10	ì	0.25	< 19	0.45	350
9969	205 294	< 5	< 0.2	3.02	28	150	< 0.5	< 2	0.01	< 0.5	7	21	55	4.78	< 10	< 1	0.24	< 10	0.92	410
9970	205 294	< 5	< 0.2	1.51	26	80	< 0.5	< 2	0.01	< 0.5	4 '	122	25	2.94	< 10	2	0.20	< 10	0.19	120
9971	205 294		< 0.2	0.52	610	60	< 0.5	< 2	0.13	0.5	5	99	19	2.08	< 10	< 1 1	0.10	10	0.13	270 370
19 972 19973	205 294	10 < 5	< 0.2 < 0.2	1.44	26 6	270 260	< 0.5 < 0.5	< 2 < 2	0.06	0.5 0.5	3	24 34	11 11	2.2B 2.05	< 10 < 10	< 1	0.35 0.49	< 10 < 10	0.45 0.41	275
<u> </u>		<u></u>															·			
19974 19975	205 294		0.2 0.6	0.84 1.46	20 26	8 0 13 0	< 0.5 < 0.5	< 2 < 2	0.03 0.03	0.5 1.0	2 5	259 75	14 34	2.26 3.86	< 10 < 10	< 1 < 1	0.15	< 10 < 10	0.22 0.61	180 215
9976	205 294		< 0.2	1.77	< 2	190	< 0.5	6	0.37	2.5	5	64	36	4.55	< 10	1	0.18	< 10	0.51	580
19977	205 294	₹ 5	0.6	1.40	24	160	< 0.5	∢ 2	2.61	4.0	ĩ	59	27	2.70	< 10	ī	0.29	< 10	0.56	435
9978	205 294		0.2	1.10	< 2	90	< 0.5	< 2	5.25	0.5	3	177	10	1.86	< 10	< 1	0.17	< 10	0.41	1105
9979	205 294	30	0.4	1.01	38	240	< 0.5	< 2	0.04	1.5	3	65	28	2.61	< 10	< 1	0.42	< 10	0.15	385
9980	205 294	25	0.8	1.79	52	260	< 0.5	< 2	0.29	5.5	7	58	41	3.36	< 10	< 1	0.44	< 10	0.67	420
9981	205 294	< 5	< 0.2	0.47	66	20	< 0.5	< 3	1.15	0.5	10	365	4	1.04	< 10	< 1	0.11	< 10	1.42	195
9982	205 294	< 5	< 0.2	0.51	4	< 10	< 0.5	< 2	0.13	2.5 2.0	77 77	943 779	16 18	4.45	< 10 < 10	-	< 0.01 < 0.01		>15.00 >15.00	640 645
9983	205 294	< 5	< 0.2	0.36	< 2	< 10	< 0.5	< 2	U.11	4.V		773		 -	- 10					
9984	205 294	< 5	< 0.2	1.76	16	170	< 0.5	< 2	0.06	0.5	4	47	38	3.46	< 10	2	0.20	< 10	1.10	405
19985	205 294	< 5	< 0.2	1.96	20	340	< 0.5	2	0.06	9.5	6	29	36	4.10	< 10	< 1	0.29	< 10	1.05	550
9986	205 294	< 5	< 0.2	0.52	< 2	10	< 0.5	< 2	0.14	3.0	75	922	17	4.56	< 10		0.01		>15.00	630
19927	205 294	< 5	< 0.2	0.31	< 3	< 10	< 0.5	< 2	0.24	1.0	42	466	6 30	3.07	< 10		0.01		11.30	\$Q5
9988	205 294	(5	< 0.2	2.86	300	10	< 0.5	< 2	0.03	2.5	78	2030	30	5.73	. < 10	ζΙ,	0.01	< 10	8.18	900

CERTIFICATION:	



Analytical Chemists * Geochemists * Registered Assayors

212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 FAX: 604-984-0218



To: NEW GLOBAL RESOURCES

548 BEATTY ST. VANCOUVER, BC V6B 2L3

Project : SIWASH Comments: ATTN: JOE SHEARER

Number : 1-B Pages \:1 ricate Date: 03-NOV-9 :19429783

Invoice No. 19 P.O. Number : \ Account :EIJ

											CE	RTIF	CATE	OF A	MAL	rsis	A9429783	,
Sample	PRI		Mo	Ne 2	Ni Dom	bòæ 5	Pb ppm	Sb ppn	Sc ppm	Sr ppn	Ti %	71 ppa	U PDM	V Toput	Dòw M	pba gu		
MC L-1 1+00W	201	229	< 1	0.01	15	820	16	2	1	8	0.03	< 10	< 10	80	< 10	42		
MC L-1 2+00W		229	Ĭ	0.01	8	740	14	4	1	7	0.02	< 10	< 10	74	< 10	32		
MC I-1 3+00W	201		_	< 0.01	8	500	4	4	1	4	0.01	< 10	< 10	50	< 10	32		
MC L-1 4+00M	201		< 1	0.01	3	220	< 2	< 2	1	6	0.02	< 10	< 10	53	< 10	22		
MC L-1 5+009	201	229	< 1	0.01	9	920	6	2	4	9	0.08	< 10	< 10	73	< 10	76		
MC L-1 6+00W	201		< 1	0.01	5	490	4	2	3	9	0.09	< 10	< 10	109	< 10	40		
MC L-1 7+00W		229	< 1	0.01	10	1230	8	4	3	14	0.10	< 10	< 10	97	< 10	56		
MC L-1 8+00W		229	< 1	0.01	13	680	4	< 2	7	14	0.10	< 10	< 10	72	< 10	94		
NC L-1 9+00W	201		< 1	0.01	7	510	2	4	4	11	0.10	< 10	< 10	80	< 10	58		
MC L-1 10+00W	201	229	< 1	0.01	8	530	8	< 2	5	13	0.11	< 10	< 10	78	`< 10	80		
MC L-1 11+00W		229	< 1	0.01	9	780	2	2	6	14	0.11	< 10	< 10	94	< 10	58		
MC L-1 12+00W	201		< 1	0.01	В	1020	6	< 2	7	11	0.12	< 10	< 10	80	< 10	62		
MC I-1 13+00W		229	1	0.01	10	480	< 2	2	6	13	0.10	< 10	< 10	77	< 10	86		
MC L-1 14+00W	201		< 1	0.02	6	560	12	< 2	4	14	0.12	< 10	< 10	102	< 10	56 54		
MC L-1 15+00W	201	229	1	0.02	6	610	8	< 2	3	14	0.11	< 10	< 10	89	< 10	34		
MC L-1 16+00W	201	229	< 1	0.02	7	740	10	< 2	4	13	0.10	< 10	< 10	71	< 10	56		
MC L-1 17+00W	201	229	< 1	0.02	4	410	4	< 2	3	16	0,10	< 10	< 10	72	< 10	52		
MC L-1 18+00W	201	229	1	0.01	6	360	8	4	2	13	0.15	< 10	< 10	121	< 10	48		
MC J-1 19+00#	201	229	< 1	0.03	8	430	8	< 2	5	22	0.07	< 10	< 10	52	< 10	60		
MC L-1 20+00W	201	229	< 1	0.03	11	440	8	< 2	5	30	0.07	< 10	< 10	60	< 10	82		
MC L-1 21+00W		229	1	0.01	11	370	2	4	4	16	0.06	< 10	< 10	66	< 10	74		
MC L-1 22+00W	201		1	0.02	11	630	6	2	6	11	0.08	< 10	< 10	61	< 10	76		
MC L-1 23+00W	201		< 1	0.02	10	480	6	2	5	13	0.07	< 10	< 10	83	< 10	62		
MC L-1 24+00W		229	1	0.01	19	820	8	< 2	5	11	0.04	< 10	< 10	50	< 10	102	•	
ROD-1	201	229	1	Q. 03	40	540	6	< 2	6	26	0.08	< 10	< 10	54	< 10	90		
																		



Analytical Chemists * Geochemists * Registered Assayers 212 Brooksbank Ave., British Columbia, Canada North Vancouver V7J 2C1 PHONE: 604-984-0221 FAX; 604-984-0218



To: NEW GLOBAL RESOURCES

.548 BEATTY ST. VANCOUVER, BC V8B 2L3

Project: SIWASH Comments: ATTN: JOE SHEARER

Number :1-A

Tages :1 Cermicale Date: 03-NOV-94 Invoice No. : I P.O. Number : :19429783

Account :EIJ

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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppn	11 2	As ppm	ppm Bet	Be ppm	B1 ppm	Ca %	bbur Cq	Co ppm	Cr ppn	Cn Da	Fe %	Ga.	B g	K %	La ppm	Ng 2	Mn
MC L-1 1+00W MC L-1 2+00W MC L-1 3+00W MC L-1 4+00W MC L-1 5+00W	201 229 201 229 201 229 201 229 201 229	₹ 5 ₹ 5	0.2 0.2 < 0.2 < 0.2 < 0.2	1.39 1.50 1.04 0.71 3.84	28 29 14 10 18	30 20 30 10 30	< 0.5 < 0.5 < 0.5 < 0.5 < 0.5	< 2 < 2 < 2 < 2 < 2		< 0.5 < 0.5 < 0.5 < 0.5 < 0.5	4 3 2 2 6	22 22 13 8 30	23 18 22 10 19	3.75 3.55 2.09 1.20 3.71	< 10 < 10 < 10 < 10 < 10	1 < 1 < 1 < 1	0.04 0.04 0.03 0.02 0.03	< 10 < 10 10 < 10 < 10	0.16 0.13 0.16 0.06 0.29	210 210 80 100 310
MC L-1 6+00W MC L-1 7+00W MC L-1 8+00W MC L-1 9+00W MC L-1 10+00W	201 229 201 229 201 229 201 229 201 229	< 5 < 5 · < 5	< 0.2 < 0.2 < 0.2 0.2 < 0.2	2.31 2.17 3.89 4.67 3.59	10 18 18 2 16	30 40 60 50	< 0.5 < 0.5 < 0.5 < 0.5 < 0.5	< 2 < 2 < 2 < 2	0.15 0.24 0.12	< 0.5 < 0.5 < 0.5 0.5 < 0.5	4 4 4	23 27 27 29 30	15 23 25 19 23	4.64 4.79 3.39 4.12 3.30	< 10 < 10 < 10 < 10 < 10 < 10	< 1 < 1 1 2	0.02 0.03 0.05 0.04 0.04	< 10 < 10 < 10 < 10 < 10	0.22 0.28 0.49 0.24 0.34	160 250 405 215 300
MC L-1 11+00W MC L-1 12+00W MC L-1 13+00W MC L-1 14+00W MC L-1 15+00W	201 229 201 229 201 229 201 229 201 229	< 5 < 5 < 5	< 0.2 < 0.2 < 0.2 < 0.2 < 0.2	2.92 4.99 3.72 3.43 2.46	16 12 8 6	50 50 60 60 40	< 0.5 < 0.5 < 0.5 < 0.5 < 0.5	< 2 < 2 < 2 < 2 < 2	0.22 0.15 0.18 0.13 G.11	< 0.5 0.5 0.5 0.5 0.5	5 · 4 · 7 · 4 · 3	27 #1 28 37 26	24 25 23 33 31	4.97 4.61 3.44 4.90 3.41	< 10 < 10 < 10 < 10 < 10 < 10	< 1 < 1 1 1 2	0.04 0.03 0.03 0.04 0.04	< 10 < 10 < 10 < 10 < 10	0.42 0.37 0.40 0.30 0.20	280 245 220 285 245
MC L-1 16+00W MC L-1 17+00W MC L-1 18+00W MC L-1 19+00W MC L-1 20+00W	201 229 201 229 201 229 201 229 201 229	< 5 < 5 < 5	< 0.2 < 0.2 < 0.2 < 0.2 < 0.2	3.90 2.56 1.46 2.56 2.64	14 6 16 8	40 50 70	< 0.5 < 0.5 < 0.5 < 0.5 < 0.5	< 2 < 2 < 2 < 2 < 2	0.13 0.12 0.19 0.20 0.24	0.5 0.5 0.5 < 0.5 < 0.5	4 3 3 4 6	30 30 17 24 32	32 31 16 40 45	3.44 3.75 3.64 2.32 2.83	< 10 < 10 < 10 < 10 < 10 < 10	2 1 1 2 2	0.04 0.05 0.06 0.06	< 10 < 10 < 10 < 10 < 10	0.30 0.31 0.15 0.50 0.77	230 210 170 230 905
MC L-1 21+00W MC L-1 22+00W MC L-1 23+00W MC L-1 24+00W ROD-1	201 229 201 229 201 229 201 229 201 229	< 5	< 0.2 0.8 < 0.2 0.4 < 0.2	2.13 3.18 2.79 3.49 2.63	24 26 28 26 12	90 70 80 80 100	< 0.5 < 0.5 < 0.5 < 0.5 < 0.5	< 2 < 2 < 2 < 2 < 2	0.21 0.09 0.06 0.11 0.28	< 0.5 < 0.5 < 0.5 0.5 0.5	6 7 4 10 11	19 26 36 26 26 68	24 40 43 45 70	3.86 3.97 5.94 3.66 3.09	< 10 < 10 < 10 < 10 < 10	1 < 1 1 3 < 1	0.04 0.06 0.07 0.08 0.14	< 10 < 10 < 10 < 10 < 10	0.45 0.40 0.49 0.67 1.01	255 315 205 370 465
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CERTIFICATION:		



Analytical Chemists * Geochemists * Registered Assayors

21./ Brooksbank Ave., North Vencouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221 FAX: 604-984-0218



To: NEW GLOBAL RESOURCES

548 BEATTY ST. VANCOUVER, BC V6B 2L3

Project: SIWASH Comments: ATTN: JOE SHEARER

Number :2-B

Pages :2 coaricate Date: 04-NOV-9 Invoice No. : 19429782 P.O. Number :

Account :EIJ

				· 						CE	RTIF	CATE	OF A	NAL	rsis	A9429782
Sample	PREP CODE	mgq Mo	Ba %	Ni ppm	DDer B	ppm Pb	Sb ppn	SC PPM	gr gr	71 %	TI PP	pom U	ppm V	M M	In ppa	
39989 39990 39991 39992 39993	205 294 205 294 205 294 205 294 205 294	< 1 < 1 < 1 < 1 <	0.01 0.01 0.01 0.01 0.01	1015 703 1110 1035 925	10 < 10 30 10 < 10	2 < 2 < 2 < 2 < 2	< 2 < 2 2 6 2	9 5 9 6 8	59 < 76 < 23 <	0.01 0.01 0.01 0.01 0.01	< 10 < 10 < 10 < 10 < 10	< 10 < 10 < 10 < 10 < 10	30 16 26 15 20	10 < 10 10 20 10	24 18 44 22 16	
39934 39995 39996 39997 39998	205 294 205 294 205 294 205 294 205 194	20 < 1 < 1 < 1	0.02 0.04 0.01 0.04 0.09	43 208 712 37 6	490 520 190 350 230	2 < 2 < 2 2 6	8 2 4 4 2	3 15 11 22 3	140 48 153 130 9 <	0.08 0.31 0.08 0.01 0.01	< 10 < 10 < 10 < 10 < 10	< 10 < 10 < 10 < 10 < 10	91 102 59 161 13	< 10 10 10 10 10 < 10	626 84 38 76 50	
39993 40000 74952 74953 74954	205 294 205 294 205 294 205 294 205 294 205 294		0.06 0.01 0.01 0.02 0.03	17 1040 815 53 27	160 20 10 530 510	6 < 2 < 2 < 2 < 2	< 2 4 2 2 4	2 7 6 6 5	2 < 128 < 103 < 6		< 10 < 10 < 10 < 10 < 10	< 10 < 10 < 10 < 10 < 10	15 22 15 65	< 10 10 10 10 10	30 22 18 108 118	
74955 74956 74957 74958 74959	205 294 205 294 205 294 205 294 205 294	18 3 8 4 19	0.04 0.05 0.04 0.04 0.07	14 12 12 9 11	1410 270 660 5340 760	4 2 6 4 4	20 2 8 10 12	4 2 4 6 7	16 63 <	0.01 0.01 0.11 0.01 0.01	< 10 < 10 < 10 < 10 < 10	< 10 < 10 < 10 < 10 < 10	161 7 76 95 82	< 10 < 10 < 10 < 10 < 10	244 44 248 162 318	
74960 74961 74962 74963	205 294 205 294 205 294 205 294 205 294	11 10 7 < 1 <	0.05 0.06 0.05 0.05	12 9 8 1675	580 370 400 20	< 2 6 4 < 2	6 4 2 < 2	6 5 5 9	7 <	0.01 0.01 0.06 0.01	< 10 < 10 < 10 < 10	< 10 < 10 < 10 < 10	78 34 42 30	< 10 < 10 < 10 20	144 64 58 26	
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CERTIFICATION:		

