MAP NO.:	ASSESSMENT REPORT	X	DOCUMENT NO: 092722
	PROSPECTUS		MINING DISTRICT: Dawson
115 O 14,15	CONFIDENTIAL	X	TYPE OF WORK: Geology, Geochemistry
	OPEN FILE		

REPORT FILED UNDER: Dawson Eldorado Mines Ltd.\Arbor Resources Inc.

DATE PERFORMED: June 13 - October 12, 1989 DATE FILED: May 26, 1989

LOCATION: LAT.: 63° 57' N AREA: Upper Bonanza

LONG.: 139° 05' W VALUE $: 31,500.00

CLAIM NAME & NO.: DE 1-179 YB 05138 - YB 05307
HL 1-146 YB 05308 - YB 05452

WORK DONE BY: P. Van Angeren

WORK DONE FOR: Dawson Eldorado Mines Ltd.\ Arbor Resources Inc.

DATE TO GOOD STANDING: REMARKS: #37 BOXCAR

092722

DAWSON ELDORADO MINES LTD.

GEOLOGICAL and GEOCHEMICAL REPORT on the

DE 1-179 Quartz Claims

Grant No. YB 05138 - YB 05307
Latitude 63°57'N - Longitude 139°05'W

and

HL 1-146 Quartz Claims

Grant No. YB 05308 - YB 05452
Latitude 63°53'N - Longitude 139°05'W

NTS Sheet 115 O/14, 15
Dawson Mining District
YUKON TERRITORY

(Period June 13 - October 12, 1988)

for

DAWSON ELDORADO MINES LTD.
810, 910 - 7th Avenue S.W.
Calgary, Alberta
T2P 3N8

and

ARBOR RESOURCES INC.
1900 - 999 W. Hastings Street
Vancouver, B.C.
V6C 2W2

by

Phil Van Angeren, P. Geol.

December 28, 1988

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 1,500.00.

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

TABLE OF CONTENTS

MAPS

SUMMARY

The 314 DE and HL mineral claims of Dawson Eldorado Mines Ltd. and Arbor Resources Inc. cover the ridges between Gold Bottom, upper-Bonanza and Little Blanche Creeks, all central to the famed Klondike goldfields of west central Yukon Territory. The immediate region has been a well-known placer gold producer to this day.

The property is underlain by quartzite and mica schists of the Klondike series of presumed Paleozoic age. This environment of volcano-sedimentary derivation is favorable to the existence of lode gold deposits in the form of "recent, structurally-controlled" or "fossil stratabound/structural" type mineralization. Persistent orientation of fault-shear structures is northwest.

The Box Car Cu-Pb-Ag ± Au fault breccia is hosted by such a northwest structure. It contains up to 7.92 oz/t Ag, 3.76% Cu, and 14.4% Pb, over 1 m widths. Six major soil anomaly zones, enriched in Au, Ag, Pb, As and/or Ba occur throughout the property. The source of these has not yet been uncovered. A highly siliceous and sericitic formation outcropping in the centre of the HL claims was found to be enriched in Ag (to 21 ppm) and Hg (to 4100 ppb). This formation may have been affected by high-level hydrothermal activity or may represent stratabound or structurally controlled silicification related to fossil hydrothermal activity.

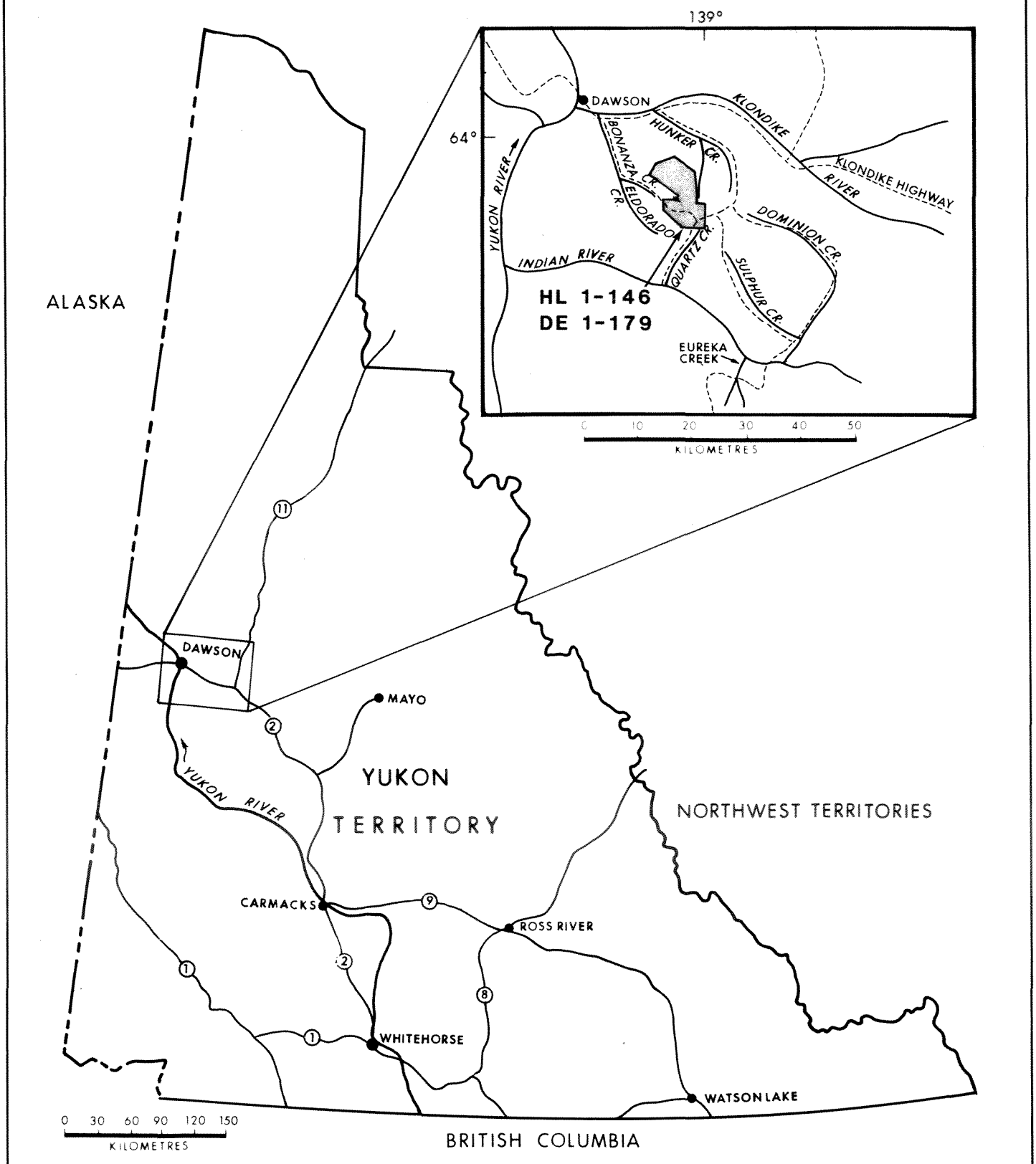
In view of the excellent results obtained to date a major program of geochemical sampling, trenching, mapping and minor drilling is recommended. Costs are estimated at $150,000.

INTRODUCTION

The author was retained by Arbor Resources Inc., of Vancouver, B.C., and Dawson Eldorado Mines Ltd., of Calgary, Alberta, to finalize this assessment report pertaining to their DE and HL claims of west central Yukon Territory (Figure 1).

The 168 DE claims cover the upper reaches of such little known placer gold-bearing creeks as Last Chance, Independence, Hester and Soda Creeks, all south tributaries of Hunker Creek. The 146 HL claims are at the headwaters of upper-Bonanza and Gold Bottom Creeks.

Exploration in 1988 consisted in reconnaissance-level geological mapping and geochemical sampling performed by the author and by MBW Surveys of Whitehorse, Yukon Territory. Work was carried out by both at various times between June 13 and October 12, 1988, but was concentrated during the periods July 23 - August 2 (MBW) and August 19 - September 1 (author).



DAWSON ELDORADO MINES LTD

LOCATION OF PROPERTY

DE/HL CLAIMS

FIGURE 1

The claims are presently discussed together because they are contiguous and they essentially cover identical geological environments and lode gold target types.

The 314 claims are described below and shown on Figure 2.

Claim	Grant No.	Expiry
DE 1-85	YB 05138 - YB 05222	May 16, 1989
DE 87-164	YB 05223 - YB 05300	May 16, 1989
DE 167-170	YB 05303 - YB 05306	May 16, 1989
DE 179	YB 05307	May 16, 1989
HL 1-135; 137-146	YB 05308 - YB 05452	May 16, 1989

Files at the Dawson Mining Recorder offices show these claims to be registered in the names of Arbor Resources Inc. (60%) and Dawson Eldorado Mines Ltd. (40%). Other legal aspects of these claims are not known to the author.

LOCATION and ACCESS

The DE and HL claims were staked on the ridges between Hunker Creek, upper-Bonanza Creek and Little Blanche Creek, squarely in the centre of the Klondike Goldfields. The DE claims are centered at the headwaters of Independence Creek, at Latitude 63°57'N, Longitude 139°05'W

while the HL claims, are centered at the headwaters of upper Bonanza Creek at latitude 63°53'N, Longitude 139°05'W. All claims are in NTS map sheet 115 0/14, with a few projecting into 115 0/15. This is in Dawson Mining District.

The entire claim group is 25 kilometers southeast of Dawson City.

Access is provided mainly by the all-weather upper-Bonanza road, which traverses the centre of the HL claims. An older, dozer-accessible trail connects the southern margin of the DE block to the upper-Bonanza road, while a number of other trails, originating at Hunker Creek provide rudimentary access to various portions of the northern half of the property.

Topography comprises rounded ridges of moderate relief. There has been little, if any, glaciation. Vegetation consists of thick growths of spruce, poplar and shrubs. Outcrop is non-existent, and geological information was obtained through study of float.

HISTORY

The upper-Bonanza Creek area has been explored for placer and lode gold mineralization since the mid-1890's. Most of the creeks encompassed by the DE and HL claim groups have contained some form of placer gold mineralization. This is especially true of Last Chance, Hester and Soda Creeks, draining the north portion of DE #1-179. Gold Bottom and Little Blanche creeks, draining the HL group are particularly rich in placer gold.

The only lode occurrence discovered to date is the Box Car vein, located in the northwest corner of the HL group and explored by trenches and a 20 m shaft as early as 1910. Numerous shallow trenches and pits throughout the two claim groups give an indication of the interest given this area by the early prospectors. Most pits appear to have been excavated for representation-work purposes.

The HL and DE claims were staked in May 1988 on the basis of favorable geology, ease of access and proximity to bona-fide gold-bearing creeks.

GEOLOGY

The HL and DE claims are located within the Klondike Goldfield belt. Geology consists of various siliceous schists and micaceous quartzites, belonging to the Klondike Schist series of Paleozoic age (Debicki 1984). They are believed to represent regionally metamorphosed volcanic and sedimentary assemblages.

Closer examination in 1988 has shown the two claim blocks to be dominated by a thick sequence of probably isoclinally-folded, gritty micaceous quartzite (Unit 1a, Figure 3). These vary from white, schistose, feldspathic muscovite quartzite to green, blocky (gneissic) thinly-laminated chlorite-muscovite quartzite. Interfoliated among these are true chlorite-muscovite schists of probable volcanic derivation.

The more interesting rock formation interfoliated within the quartzite is an extremely siliceous, thinly-laminated tan-to-yellowish sericitic horizon (Unit 1c, Figure 3). It was observed at three locations on the HL property. This unit is crystalline to cherty in appearance, and is commonly porous, recrystallized and highly crinkled. It is also characterized by abundant foliaform, compositionally-banded, vuggy and crustiform quartz veinlets. Fresh disseminations of tiny, rounded pyrite grains with trace mariposite also typify the more cherty

segments. The unit is less than 30 m thick where exposed. It has strong similarities to locally auriferous, siliceous, schists defining the Boulder Lode of the Lone Star property (personal visit).

Unit 1c may represent foliated cherty or rhyolitic horizons (tuffs, flows or exhalites) although, fossil and recent, shear-related silicified zones should not be ruled out. The latter interpretation would have bearing on exploration for lode gold mineralization. Paucity of exposure precluded precise determination of the disposition of this unit. It would appear, however, that the main body of Unit 1c (central HL claims) occurs along a major zone of structural discontinuity, which separates south-dipping quartzites to its west from west-dipping formations to its east.

The main mass of chloritic quartzite (1a) underlying the DE and HL claims passes to classical Klondike schists (Unit 1b) in the eastern portion of the HL claims. These consist of highly foliated, coarsely micaceous, quartz-chlorite muscovite schists with trace amounts of coarse-grained disseminated, cubic pyrites. This schist also contains up to 10% small, foliaform, boudin-like bull quartz sweats.

The youngest rocks exposed on the property include sills and dikes of Tertiary quartz porphyritic rhyolite and dacite which are

locally bleached and pyritized. (Unit 3) They occur in a north-trending band across both the HL and DE claims. This area is also intruded by a large diorite plug, (Unit 4) which is locally in fault contact with the host quartzite. At the headwaters of upper-Bonanza Creek, within the HL group, the Paleozoic quartzite enclose a foliated monzonitic unit of unknown dimensions (Unit 2, Pelly Gneiss?).

All formations were observed to trend to the northwest and west, with moderate dips south in DE and most of HL. To the east of the largest body of Unit 1c, formations dip gently to the west. Post metamorphic faulting has resulted in local-scale disruptions. A most repetitive trend observed in faults and fractures is in a northwest direction (330 - 340°) parallel to most felsic dikes.

The only recognizable mineralization observed on the HL and DE claims, other than the pyritized, siliceous Unit 1c, is the Box Car showing, at the head of Gold Bottom Gulch and a "quartz vein system" at the head of Canyon Creek. The Box Car occupies a 340° trending fault and consists of a breccia varying from 1 to 2 metres in width and exposed for 30 metres. Walls and breccia fragments are partially replaced and veined by calcite-epidote (propylitic alteration). Breccia fragments are angular and little-displaced. A matrix of quartz, sericite and limonite forms up to 30% of the fracture zone. It also contains a narrow veinlet

of galena (up to 5 cm thick). Some pyrite exists in the matrix but the most visible mineralization is strong malachite and azurite staining (foliaform and in veinlets) of the breccia. Two shafts (sunk to 20-metre depths?) show the limonite and copper stain down to limits of visibility (approximately 5 to 10 m. down). The mineralization appears to plunge to the north. MacLean (1914) reported an average of 0.037 oz/t Au and approximately 3.5 oz/t Ag across 1 metre in this oxidized breccia.

The "quartz-vein system" is a foliaform, silicified zone, enclosed in the large horizon of siliceous, sericitic schist in central HL claims (Fig. 3). The quartz veining also projects into micaceous quartzites. This zone, which ranges from 1 to 3 metres in width is traceable for more than 1 kilometre in a NE direction and consists of muscovite-sericite-quartz schist (Unit 1c) invaded by 25 to 50% discontinuous bull quartz sweats. These contain up to 5% tiny disseminated pyrite. The northern end of the zone is enriched in silver, mercury, barium and gold (see below).

GEOCHEMISTRY

In 1988, MBW Surveys collected a total of 735 soil samples, at 100 m. intervals along 21 claim lines estimated to be spaced at 900 m.

apart, (Fig. 3). A total of 56 rock samples were collected mainly from float of apparently mineralized, altered or structurally disrupted material (Appendix I). Float samples comprise chips off numerous blocks in a 10 x 10 m area. All samples were analyzed for gold, silver, lead, arsenic and barium (Appendix II). Rock samples were analyzed for mercury rather than lead. Despite the very wide spacing of the geochemical sampling throughout the large block of ground, numerous impressive rock and soil anomalies were detected.

The Box Car fault breccia proved to be weakly mineralized, containing 3.06 oz/t Ag, 0.89% Cu, 6.7% Pb and 0.19% Zn, over 1.3 m. with strongly anomalous wall rocks. "High-grade" samples of strongly, "copper-stained" breccia returned 1.06 oz/t Ag, 2.32% Cu, 1.78% Pb, 0.3% Zn and 7.92 oz/t Ag, 3.76% Cu, 14.4% Pb and 0.24% Zn (HL #1-5). These high-grade samples represent 0.5 to 1.0 metre-wide sections. The samples contained up to 31 ppb Au. One soil line was located next to the projected trace of this fault breccia but no anomalies were recorded in the immediate vicinity of the showing. Minor gold values to 28 ppb were noted for 200 m north of the exposure and lead, (average, 440 ppm) was encountered on the apparent trace of the Box Car fault, some 900 to 1,000 m to the north. Similar higher grade Pb anomalies occur on the southern trace of the fault, approximately 1100 m to the south.

Other anomalous formations include a magnetite-speckled, quartz-veined siltstone located a few hundred metres south of Box Car. (HL #9, 56 ppb Au). Of economic significance is the siliceous, sericitic unit of central HL claims of which several samples gave tantalizing results. (HL #31; 5.1 ppm Ag, 4100 ppb Hg, 6500 ppm Ba, over 2.5 metres, HL #33; 12.0 ppm Ag, HL #40; 319 ppb Au, 21.0 ppm Ag, 190 ppb Hg). All of samples HL #30 to 40 are from various "float-zones" of Unit 1c and many carry weakly to strongly-anomalous Ag and Hg. Samples #29, 31, 33 and 40 were from the quartz-vein system. The single soil line taken across a portion of this zone is weakly-enriched in Ag and Au (Line HL #3). Sample HL #41, with 2.1 ppm Ag and weak Hg enrichment is from a similar siliceous zone at the headwaters of Gold Bottom Creek. Minor gold and barium soil anomalies occur downslope from this unit.

Rock samples derived from the mica schists (Unit 1b, Fig. 3) in the east portion of HL claims, are anomalous in arsenic (to 550 ppm) and this is reflected in the three soil lines which are located within the formation (lines HL #4, 5, 6).

The soil sampling survey has resulted in the delineation of six distinct Au, Ag, As, Pb and/or Ba anomalies; sources of these have not yet been defined.

i) Western corner of DE claims, surrounding "HOPE" claim (lapsed): Here, large tracts of gold, arsenic and lead enrichments occur over a distance of 2.25 kilometers across lines DE #1, 2, 3 and 4. The more distinct anomalies occur on a NW lineament extending from the left fork of Carmack Fork to the headwaters of the Right fork of Last Chance Creek, where a placer gold operation is currently under way. The placer gold, which was occasionally crystalline in nature (INAC, 1986) was traced part way up a small gully which projects into the lineament. This linear anomaly is flanked by weak Au and As soil anomalies.

Spot As and Pb anomalies, also defining a NW trend occur on the ridge between the forks of Last Chance Creek and may represent another NW structure.

ii) Headwaters Hester Creek: A three-hundred-metre wide As ± Au soil anomaly, trending NW and traced across lines DE #2, 3 and 4 (1.8 km) may overlie the source of the Hester Creek placer gold deposit. Gold up to 198 ppb (at NW end) and As to 220 ppm characterize the zone. It is generally poorly defined and weakly anomalous.

iii) Independence - Soda Cr. Lineament: A very narrow but long Ag, Pb, Ba ± Au anomaly can be traced in a NW direction from Soda Creek clear across Independence Creek, for a distance of 3.75 kilometers. It is up to two samples wide (200 m), with maximum values of 193 ppb Au, 1.2 ppm Ag, 535 ppm Pb and 3,700 ppm Ba off the left limit of Soda Creek on line DE #8. This zone is presumably related to a narrow vein or fault structure.

iv) Left Limit Gold Bottom Cr.: Two lead anomalous zones on lines DE #10 (800 m @ 40 to 219 ppm Pb) and HL #1 (900 m @ 51 to 529 ppm Pb, avg: 244 ppm) are difficult to interpret. The HL #1 anomaly is limited to the width of a small gulch into Gold Bottom Creek and is on trend with the Independence-Soda creek lineament. The weaker DE #10 anomaly is unexplained. Spot Pb anomalies a few kilometers southwest of these may be related to the Box Car showing. No other element is anomalous in these zones.

v) Headwaters Gold Bottom Cr.: A series of arsenic values, with minor Ag and Pb occur on lines HL #4, 5 and 6 at the headwaters of Gold Bottom, Quartz and Canyon Creeks (up

to 400 ppm As, 2.1 ppm Ag and 154 ppm Pb). Although the arsenic anomalies may be related to high background values in the Klondike Schist (see rock assays), a number of spot gold values, of 42 to 154 ppb, should be evaluated for their vein-fault significance. These occur particularly at the head of Quartz Creek.

vi) Headwaters upper-Bonanza Cr.: This anomaly occurs on line HL #11 along a ridge between upper-Bonanza and Little Blanche Creeks.

The anomaly is 1100 m long and dominated by Ag; 0.8 to 14.2 ppm, averaging 5.4 ppm. It also includes Au to 55 ppb. It is unknown if this anomaly is related to the argentiferous siliceous horizon (Unit 1c) which is exposed a further 2 km to the NE on the ridge.

CONCLUSIONS and RECOMMENDATIONS

The HL and DE claims are underlain by the Klondike Schist series. This group of interbedded micaceous quartzite and quartz-mica schist are presumably of volcano-sedimentary origin and offer some potential for the

existence of lode gold mineralization. This is given credence by the presence of workable placer gold deposits in Last Chance, Hester, Soda, Gold Bottom, Quartz, Little Blanche and upper-Bonanza Creeks, all of which take their source in the HL and DE claim blocks.

Structural features such as fault breccias or shears are the favored host for lode gold mineralization. This is given support by the persistent northwest trend of soil anomalies, parallel to known structural trends. The Box Car showing occupies such a feature. Other well-known mineralized structures in the Klondike district, such as those of Bear Creek, Hunker Dome and Lone Star property, belong to this "northwest" class as well.

The better mineralized sections of the Lone Star deposit are represented by quartz veinlets enriched in pyrite, galena and chalcopyrite. This means that good, NW-trending Pb-Au anomalies (such as "i", "iii" and "iv" above) require undivided attention. A very encouraging feature is that soil anomalies may be traced for more than 3 km (across more than 3 soil lines). The wide spacing of the soil sampling was expected to yield subtle anomalies, however, results clearly show the presence of numerous strong and well-defined structures which have been affected by mineralizing processes.

A new deposit type, as yet untested in the Klondike, may be present on the HL claims. The argentiferous, sericite-silica horizon (Unit 1c) may represent silicified, ore-related zones associated with one or more of the following environments:

a) Fossil hydrothermal-active zones; e.g. old vein-faults, now foliated;

b) Highly siliceous volcanic or sedimentary - exhalative beds, known to be auriferous elsewhere in Canada;

c) Recent, epithermal mineralized zones accompanied by siliceous and sericitic alteration of wallrocks. Hydrothermal fluids are believed to have travelled along the planes of foliation in this scenario.

Of note is the high Ag-Hg-Ba background in this unit, similar to that of "alteration halos" associated with high-level or lateral extensions of epithermal ore deposits. Furthermore, the richest Au, Ag, Hg and Ba values occur in the quartz-vein system within Unit 1c leading to the belief that Unit 1c may represent a hydrothermally altered halo enclosing potential epithermal mineralization in a quartz-vein system (scenario "a" or "c").

It is felt that the quartz-vein system and Unit 1c in the vicinity of samples #31, 33 and 40 offer the most promise in regards to presence of significant precious metal mineralization.

In view of the large number of strong soil anomalies and favorable geological features present on and around the property, a major program of trenching, geochemical sampling and geological mapping is recommended. A certain amount of airphoto examination is first required, followed by detailed prospecting of all major soil anomaly zones. The decision may then be made regarding completion of further soil sampling or immediate trenching on each soil target. Spot Au anomalies should be examined in detail with close spaced soil sampling. Priority targets are "Unit 1c - quartz-vein system" of sample #40, the Au-Pb-As anomalies of western DE claims, the long silver anomaly of western HL claims, (in conjunction with study of Unit 1c), the Box Car occurrence and the strong Pb anomaly of soil line HL-1. Spot gold anomalies may reflect presence of narrow high grade veins.

A two-phase program of "map interpretation-geochemical sampling-prospecting", followed by "detailed sampling and trenching", could lay the basis for future drilling. It is recommended that at least one shallow diamond drill hole (100 m) be bored at the Box Car showing. This would give an indication of the downdip extent and grade disposition of the structure.

Costs for such a two-phase program are estimated at $150,000.00.

COST ESTIMATE:

PHASE I; Geochemistry - Prospecting

Preparatory Work (including airphotos):	
10 m-d @ $200.00/m-d + supplies	$ 3,000.00
Field Labour:	
60 m-d @ $200.00/m-d	12,000.00
Mobilization, Rentals, Supplies:	
60 m-d @ $50.00/m-d	3,000.00
Field Costs (room and board, etc.):	
60 m-d @ $50.00/m-d	3,000.00
Geochemistry:	
600 samples @ $25.00/s	15,000.00
Road Clearing (Dozer):	
55 hrs. @ $200.00/hr.	11,000.00
Contingencies:	
@ 10%	4,700.00
PHASE I =	$ 51,700.00

PHASE II; Trenching - Drilling

Labour:	
40 m-d @ $200.00/m-d	$ 8,000.00
Mobilization, Rentals, Supplies:	
40 m-d @ $50.00/m-d	2,000.00
Field Costs:	
40 m-d @ $50.00/m-d	2,000.00
Geochemistry:	
400 samples @ $25.00/s	10,000.00
Trenching:	
135 hours @ $200.00/hr	27,000.00
Drilling:	
100 m BQ @ $150.00/m	15,000.00
Contingencies:	
@ 10%	6,400.00
PHASE II =	$ 70,400.00
Report Preparation	7,900.00
Overhead @ 15%	20,000.00
TOTAL PHASE I & II =	$150,000.00

STATEMENT OF EXPENSES 1988

The following statement includes field expenses, to the amount of $3,604.33 incurred by the author during 103 days of operation in the Yukon between June 13 and October 12, 1988. These include mobilization, supply and fuel costs, which satisfy assessment requirements and which are attributable to various Klondike area claim blocks, including DE 1-179 and HL 1-146.

As well, an industry standard 15% overhead disbursement (on wage and field costs, by Dawson Eldorado Mines) is included.

The writer was provided with room and board by Gold City Resources Inc. at their Indian River Camp.

(A) LABOUR:

Phil Van Angeren, P. Geol. (June 13 - Oct. 12, 1988) -

22 days @ $175.00/d ..... $ 3,850.00

MBW Surveys (July 23 - August 2, 1988) -

40 m-d @ $250.00/m-d 10,000.00

(B) FIELD COSTS:

Vehicle Rentals -

Stampede Toyota ($355.00/month)	$ 260.33

Field Costs -

$3,604.33/103 x 22 days	769.86

Room and Board -

22 days @ $30.00/d	660.00

(C) GEOCHEMISTRY:

Bondar-Clegg -

791 samples	17,743.40

(D) REPORT PREPARATION:

Phil Van Angeren, P. Geol. (November 9 - December 28) -

10 days @ $175.00/d	1,750.00
Drafting Services	1,170.30
Overhead @ 15%	1,267.57
TOTAL COSTS =	$37,471.46

Respectfully submitted,

Phil Van Angeren, P. Geol.

PROFESSIONAL GEOLOGIST ALBERTA PHILIP D. VAN ANGEREN

Calgary, Alberta
December 28, 1988

REFERENCES

1. DEBICKI, R.L., 1984; "*Bedrock Geology and Mineralization of the Klondike Area, 115 O/14, 15 and 116 B/2, 3.*", Dept. of Indian Affairs Northern Development Canada, O.F. 1984, Whitehorse.

2. INAC, 1986; "*Placer Mining Industry 1983-1984*", Mining Engineering Division, Yukon, Indian and Northern Affairs Canada, Whitehorse.

3. MacLEAN, T.A., 1914; "*Lode Mining in Yukon; An Investigation of Quartz Deposits in the Klondike Division*", Canadian Dept. of Mines Bureau, Pub. 222, Ottawa.

CERTIFICATE

I, **PHILIP D. VAN ANGEREN**, residing at 2123 Deerside Dr. S.E., Calgary, Alberta, hereby certify that:

1. I am a geologist having practiced my profession for the last 11 years.

2. I am a graduate of McGill University, Montreal, P.Que., having graduated with a B.Sc. degree in Geology with Honours in 1977.

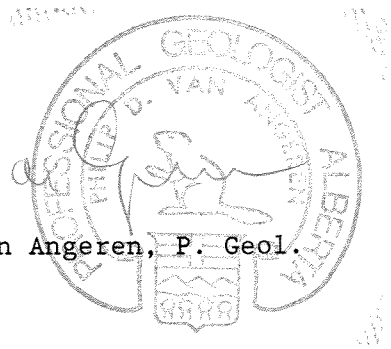
3. I am a member in good standing of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

4. I have no interest direct or indirect in the properties of Dawson Eldorado Mines Ltd., nor do I expect any. I have an option with the Company to acquire up to 25,000 of its shares, on or before December 31, 1988, at a price of $1.00/share. I also own indirectly through relatives 1000 shares of the Company.

5. I have no interest, direct or indirect in the properties or securities of Arbor Resources Inc., nor do I expect any.

6. I am the author of this report, which is based on personal examination of the property at various times between June 13 and October 12, 1988.

Signed and dated on the 28th day of December, 1988.



Philip D. Van Angeren, P. Geol.

APPENDIX I

ROCK SAMPLES

DE/HL CLAIMS

1988

ROCK SAMPLES

COLLECTOR Philip Van Angeren | PROJECT DE / HL | AREA UPPER BONANZA CREEK

DATE 1988 | MAP SHEET 105-0/14, 15 | AERIAL PHOTO

No.	SAMPLE No.	LOCATION	WIDTH	DESCRIPTION (Rock type, alteration, shearing)	* ANALYTICAL RESULTS				
					Au	Ag	As	Hg	Ba
1	DE 1	Claim # DE 109	Float	Bull quartz	5	0.1	2	5	210
2	2	" 91	"	Calcareous chlorite schist	5	0.1	1	5	2400
3	3	" 2	"	Limonite fractured mica quartzite	5	0.1	7	5	2600
4	4	" 111	"	Bull quartz	5	0.1	1	5	20
5	5	" 127	"	Bull quartz to DE #3	5	0.1	4	5	1500
6	6	Off Claim DE 127	"	Bleached quartzite + py	5	0.1	8	5	1100
7	7	" "	"	Oxidized Q.F. Porphyry + py	5	0.1	15	5	590
8	8	" "	"	Bull quartz + Mn	5	0.1	1	5	30
9	HL 1	Box Car, N. Shaft	Grabs	Mica quartzite bx + malachite/azurite	31	!	3	45	1300
10	2	" S. Shaft	1.3 m	Mica quartzite bx + malachite/azurite	6	!	3	30	1500
11	3	" "	1.4 m	HW. Quartzite + epidote alt.	5	1.8	2	5	2300
12	4	" "	1.8 m	FW. Quartzite + epidote alt.	5	1.2	2	5	2300
13	5	" S. end	Grabs	Siliceous - azurite bx.	5	!	2	60	1200
14	6	" S. end	Grabs	Epidote - chl - mica quartzite + py	5	0.4	4	10	380
15	7	50 m S. of HL #5	Float	Bull quartz	5	0.3	1	5	460
16	8	50 m S. of HL #5	"	Oxidized, bx'd, quartzite + py	5	0.3	1	5	3600
17	9	250 m S. of Box Car	Dump	Oxidized, quartz veined siltstone + mt	56	0.2	5	5	1000
18	10	Claim HL #87, on trail	Float	Quartz-eye porphyry + py	5	0.3	50	5	520
19	11	DITTO	"	Mica quartzite + epidote veins	8	0.1	2	5	770
20	12	150 m W. of HL #10	1.5 m	Mica quartzite + 30% qtz. sweats	5	0.1	1	5	1700

* Au and Hg in ppb. Other elements in ppm.

! See special ASSAY at end of TABLE.

ROCK SAMPLES

COLLECTOR Philip Van Angeren | PROJECT DE / HL | AREA UPPER BONANZA CREEK

DATE 1988 | MAP SHEET 105-0/14, 15 | AERIAL PHOTO

No.	SAMPLE No.	LOCATION	WIDTH	DESCRIPTION (Rock type, alteration, shearing)	ANALYTICAL RESULTS				
					Au	Ag	As	Hg	Ba
21	HL 13	25 m N. of HL #12	Float	Limonitized, fract'd mica schist	5	0.1	2	5	2400
22	14	Bonanza Road, Claim HL 129	"	DITTO Bleached	5	0.1	1	10	2100
23	15	80 m uproad from HL 14	"	Bleached, limo-stwk., quartzite	5	0.1	1	5	2800
24	16	55 m " HL 15	"	DITTO, with 5% py.	5	0.1	2	5	1400
25	17	240 m " HL 16	"	DITTO to HL 13	5	0.1	2	5	1400
26	18	100m below Bonanza Rd. junc	"	Grey, bull quartz	5	0.1	1	5	20
27	19	Claim HL 122, Bonanza Road	"	Micro bx. in mica-chert + py.	16	0.1	6	10	2700
28	20	DITTO	"	Oxidized, micaceous chert	5	0.1	2	5	2100
29	21	Claim HL 22, Bonanza Rd.	2.0 m	Oxidized, sericite schist, fract'd	5	0.1	1	10	1900
30	22	5m up Bonanza Rd of HL 21	Float	DITTO, + 80% quartz sweats	5	0.2	1	25	790
31	23	50 m up HL 22	2.0 m	Talcose, drusy DITTO to HL 21	5	0.1	1	20	1800
32	24	50 m up HL 23	1.5 m	Yellow, Qtz. - sericite schist, vuggy	5	0.2	1	20	1600
33	25	Between HL 23 & 24	2.0 m	Qtz. + Limo. rich ms - sericite schist	6	0.1	1	40	1600
34	26	25 m S. of HL 23	Float	Vuggy, siliceous schist + sericite	5	0.3	1	45	2400
35	27	5 m. E. of HL 17	Float	Bleached Q.F. Porphyry + py	5	0.1	4	5	500
36	28	40m up Bon. Rd. of HL 27	3.0 m	Sheared, oxidized diorite	5	0.3	2	10	980
37	29	Knoll NW Canyon Cr.	2.0 m	Mica schist + 25% Qtz. sweats	5	0.3	2	15	1900
38	30	300 m N. of HL 29	Float	Extreme siliceous, sericitic schist	5	0.1	2	15	2400
39	31	750 m NE of HL 29	2.5 m	DITTO with 40% quartz sweats	5	5.1	1	4100	6500
40	32	900 m NE of HL 29	1.0 m	Siliceous sericitic schist + py, fract'd	5	1.4	1	110	4300

ROCK SAMPLES

COLLECTOR Philip Van Angeren | PROJECT DE / HL | AREA UPPER BONANZA CREEK

DATE 1988 | MAP SHEET 105-0/14, 15 | AERIAL PHOTO

No.	SAMPLE No.	LOCATION	WIDTH	DESCRIPTION (Rock type, alteration, shearing)	ANALYTICAL RESULTS				
					Au	Ag	As	Hg	Ba
41	HL 33	750 m NE of HL #29	Grab	Siliceous sericitic schist, with 5% py	5	12.0	2	45	1700
42	34	50 m E. Line HL 3 on road	Float	Grainey, yellow, qtz-ser. schist	5	0.4	2	10	3100
43	35	DITTO	"	Yellow, vuggy, mica chert + py	5	0.5	1	10	4100
44	36	185 m E. of Line HL #3	"	Crenulated, drusy, oxid'd cherty schist	5	0.4	1	55	3200
45	37	40 m E. of HL #36	"	Massive, Yellow, cherty quartzite + py	5	0.4	3	90	2300
46	38	50 m E. of HL #37	1.5 m	DITTO + py + mariposite trace	5	0.2	5	30	1300
47	39	Btwn. HL #37 & 38	Float	Sericite schist + limonite + py	12	1.8	2	30	2700
48	40	10 m E. of HL #36	"	DITTO to HL #36 + 40% qtz. sweats	319	21.0	2	190	2200
49	41	Claim HL 31, Bonanza Rd.	2.0 m	Oxid'd cherty schist + py + qtz. veins	5	2.1	5	70	3700
50	42	250 m W. of HL #41	Float	Chl-quartzite bx +Mn	5	0.2	4	5	1300
51	43	135m W of Quartz Cr. Rd Junc.	Float	Klondike schist (lb) + 60% qtz. sweats	5	0.2	13	5	370
52	44	30 m W. of jnct.	2.0 m	KL. schist (lb) + 1% py	5	0.9	550	5	2600
53	45	10 m E. of jnct.	1.0 m	DITTO	6	1.0	310	5	2800
54	46	100 m S. Line HL 6 on road	2.0 m	DITTO	5	0.4	7	5	1700
55	47	50 m W. Line HL 5 on road	Float	Sericitic Klondike Schist (lb)	5	0.5	130	5	2500
56	48	150 m S. Qtz-Cr. Rd. Jnct.	Float	DITTO to HL #44	5	0.2	44	5	950
					-	Ag oz/t	Pb %	Cu %	Zn %
!	HL 1	Box Car		Grabs over 1.0 m.		7.92	14.40	3.76	0.24
!	HL 2	"		Main breccia		3.06	6.80	0.89	0.19
!	HL 5	"		Grabs over 0.5 m.		1.06	1.78	2.32	0.30

APPENDIX II

GEOCHEMICAL ANALYSES

DE/HL CLAIMS

1988

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Geochemical Lab Report

REPORT: V88-05644.0 | PROJECT: HL-DE JV | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 DE1 EMPTY BAG 0+00		IS	IS		IS	IS	IS	IS
S1 DE1 1+00		28	14.0		0.3	23	28	1500
S1 DE1 2+00		22	25.0		0.7	33	40	1700
S1 DE1 3+00		26	25.0		0.8	33	45	2100
S1 DE1 4+00		12	30.0		0.2	25	20	1300
S1 DE1 5+00		10	25.0		0.2	29	10	1600
S1 DE1 6+00		10	30.0		0.8	139	6	3000
S1 DE1 7+00		25	30.0		0.9	177	15	3200
S1 DE1 8+00		9	30.0		0.7	251	8	4200
S1 DE1 9+00		9	30.0		0.1	18	8	1500
S1 DE1 10+00		8	30.0		0.2	35	7	1800
S1 DE1 11+00		12	30.0		0.1	30	8	1500
S1 DE1 12+00		10	30.0		0.1	30	13	1700
S1 DE1 13+00		24	25.0		0.3	56	8	3400
S1 DE1 EMPTY BAG 14+00		IS	IS		IS	IS	IS	IS
S1 DE1 15+00		24	30.0		0.2	17	10	1300
S1 DE1 16+00		83	20.0		0.7	15	100	1700
S1 DE1 17+00		18	20.0		0.5	13	180	1800
S1 DE1 18+00		11	30.0		<0.1	11	14	1300
S1 DE1 19+00		28	30.0		<0.1	11	10	1100
S1 DE1 20+00		17	30.0		0.1	9	10	1100
S1 DE1 21+00		26	30.0		0.1	11	100	1400
S1 DE1 22+00		11	30.0		0.2	12	75	1400
S1 DE1 23+00		14	19.0		<0.1	20	60	1900
S1 DE1 24+00		7	30.0		0.1	16	30	1700
S1 DE1 25+00		17	23.0		0.2	17	29	2700
S1 DE1 26+00		8	30.0		0.1	17	22	2200
S1 DE1 27+00		15	30.0		0.2	22	90	3100
S1 DE2 0+00		11	30.0		0.3	18	12	1000
S1 DE2 1+00		16	18.0		0.4	20	8	1300
S1 DE2 2+00		53	30.0		1.2	29	17	1900
S1 DE2 3+00		48	30.0		1.2	30	29	1800
S1 DE2 EMPTY BAG 4+00		IS	IS		IS	IS	IS	IS
S1 DE2 5+00		17	30.0		0.3	45	27	2200
S1 DE2 6+00		18	24.0		0.4	25	13	1900
S1 DE2 7+00		24	25.0		0.1	31	50	1900
S1 DE2 8+00		37	22.0		0.3	55	120	1600
S1 DE2 9+00		8	24.0		<0.1	30	120	2000
S1 DE2 10+00		15	16.0		0.2	107	50	1300
S1 DE2 11+00		17	30.0		<0.1	109	24	1100

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 DE2 12+00		15	30.0		0.1	79	36	1700
S1 DE2 13+00		44	30.0		0.3	33	45	1700
S1 DE2 14+00		47	30.0		0.4	25	40	2200
S1 DE2 15+00		25	30.0		0.2	23	38	1900
S1 DE2 16+00		27	30.0		0.1	20	50	1500
S1 DE2 17+00		36	30.0		0.2	15	20	1600
S1 DE2 18+00		51	30.0		0.3	32	50	1500
S1 DE2 19+00		11	30.0		<0.1	25	22	1900
S1 DE2 20+00		11	25.0		0.2	36	15	2500
S1 DE2 21+00		7	30.0		<0.1	19	12	1600
S1 DE2 22+00		12	25.0		0.3	90	18	2200
S1 DE2 23+00		7	25.0		0.2	11	23	1100
S1 DE2 24+00		10	25.0		0.2	14	125	1600
S1 DE2 26+00		15	30.0		0.6	21	70	1800
S1 DE2 27+00		14	25.0		0.1	21	50	1900
S1 DE2 28+00		11	25.0		0.2	43	24	1900
S1 DE2 29+00		5	30.0		0.2	119	31	1900
S1 DE2 30+00		9	30.0		0.3	93	19	2200
S1 DE2 31+00		14	20.0		0.1	36	15	3000
S1 DE2 32+00		12	30.0		0.5	36	22	2200
S1 DE2 33+00		14	15.0		0.7	81	50	2100
S1 DE2 34+00		23	25.0		0.1	33	70	2000
S1 DE2 35+00		9	30.0		<0.1	26	60	3500
S1 DE2 36+00		8	30.0		0.2	18	33	1600
S1 DE2 37+00		9	20.0		<0.1	13	70	1600
S1 DE2 38+00		9	30.0		<0.1	14	22	1400
S1 DE2 39+00		<5	30.0		0.1	23	60	2800
S1 DE2 40+00		15	30.0		0.1	12	10	1800
S1 DE2 41+00		6	30.0		<0.1	14	10	2100
S1 DE2 42+00		10	30.0		<0.1	14	32	1500
S1 DE2 43+00		13	24.0		<0.1	18	50	2200
S1 DE2 44+00		13	28.0		<0.1	18	50	2300
S1 DE2 45+00		6	30.0		<0.1	15	24	1900
S1 DE2 46+00		198	28.0		<0.1	16	31	1900
S1 DE2 47+00		17	25.0		0.3	20	24	1500
S1 DE2 48+00		5	25.0		0.1	20	55	1300
S1 DE2 49+00		<5	30.0		0.3	15	30	1400
S1 DE2 50+00		5	30.0		0.1	14	27	2000
S1 DE2 51+00		5	30.0		<0.1	16	11	2700
S1 DE2 52+00		9	30.0		0.2	14	21	1300

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REPORT: V88-05644.0 | PROJECT: HL-DF JV | PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 DE2 53+00		<5	30.0		0.1	18	20	1800
S1 DE2 54+00		6	30.0		0.1	22	17	2500
S1 DE3 0+00		6	30.0		0.2	19	8	1500
S1 DE3 1+00		<5	30.0		0.2	12	16	2800
S1 DE3 2+00		14	30.0		0.1	17	8	2000
S1 DE3 3+00		5	30.0		0.2	15	7	2400
S1 DE3 4+00		25	30.0		0.3	18	7	1800
S1 DE3 5+00		5	30.0		0.4	17	5	1600
S1 DE3 6+00		9	30.0		0.2	16	6	1500
S1 DE3 7+00		22	30.0		0.6	26	5	1800
S1 DE3 8+00		6	30.0		0.1	19	7	1700
S1 DE3 9+00		26	20.0		0.1	27	14	1700
S1 DE3 EMPTY BAG 10+00		IS	IS		IS	IS	IS	IS
S1 DE3 11+00		39	30.0		1.3	48	82	2100
S1 DE3 12+00		19	30.0		0.2	14	12	1400
S1 DE3 13+00		92	30.0		0.4	21	11	1600
S1 DE3 14+00		25	25.0		1.7	37	160	2800
S1 DE3 15+00		5	28.0		0.7	12	65	3400
S1 DE3 16+00		16	30.0		0.3	12	27	1200
S1 DE3 17+00		40	25.0		0.3	15	43	1100
S1 DE3 18+00		7	30.0		<0.1	15	20	1900
S1 DE3 19+00		19	25.0		0.8	33	90	3000
S1 DE3 20+00		15	30.0		0.3	17	11	2600
S1 DE3 21+00		13	30.0		0.4	19	40	1500
S1 DE3 22+00		7	25.0		0.4	7	27	1200
S1 DE3 23+00		8	20.0		0.2	7	36	900
S1 DE3 24+00		9	23.0		0.2	9	72	1500
S1 DE3 25+00		15	10.0		0.2	6	150	1400
S1 DE3 26+00		11	25.0		0.3	9	67	1500
S1 DE3 27+00		20	12.0		0.7	9	105	1500
S1 DE3 EMPTY BAG 28+00		IS	IS		IS	IS	IS	IS
S1 DE3 29+00		5	30.0		0.7	91	22	3400
S1 DE3 30+00		<5	30.0		0.7	86	28	2100
S1 DE3 31+00		5	30.0		0.1	17	9	1800
S1 DE3 32+00		7	23.0		0.1	12	6	1300
S1 DE3 33+00		6	30.0		<0.1	15	10	1500
S1 DE3 34+00		7	26.0		0.4	22	10	1300
S1 DE3 35+00		5	24.0		0.3	37	10	2000
S1 DE3 36+00		5	30.0		0.2	43	8	2100
S1 DE3 37+00		6	21.0		0.1	22	10	1600

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 DE3 38+00		<5	13.0		0.1	26	18	1600
S1 DE3 39+00		6	30.0		0.4	20	9	1400
S1 DE3 40+00		5	17.0		0.2	13	44	1500
S1 DE3 41+00		<5	24.0		0.1	12	17	1100
S1 DE3 42+00		<5	25.0		0.2	10	16	1300
S1 DE3 43+00		<5	23.0		0.2	13	18	3200
S1 DE3 44+00		<5	28.0		<0.1	17	28	2300
S1 DE3 45+00		6	19.0		0.1	21	80	2300
S1 DE3 46+00		6	25.0		0.1	22	75	1900
S1 DE3 47+00		<5	28.0		0.1	21	85	1800
S1 DE3 48+00		9	14.0		0.2	22	140	2100
S1 DE3 49+00		10	15.0		0.1	49	120	1700
S1 DE3 50+00		12	10.0		0.1	15	220	2300
S1 DE3 51+00		6	30.0		0.3	20	110	1900
S1 DE3 52+00		6	28.0		<0.1	14	20	1700
S1 DE3 53+00		7	18.0		0.5	52	22	1700
S1 DE3 54+00		10	30.0		0.4	65	26	2200
S1 DE3 55+00		8	25.0		0.4	63	36	1800
S1 DE3 56+00		5	30.0		0.4	63	25	2100
S1 DE3 57+00		<5	30.0		0.1	28	23	1500
S1 DE3 58+00		24	5.0		<0.1	23	12	2000
S1 DE3 59+00		7	30.0		0.1	20	15	1900
S1 DE4 0+00		10	25.0		0.1	27	55	1500
S1 DE4 1+00		10	25.0		0.4	19	10	1800
S1 DE4 2+00		23	8.0		0.2	45	44	1300
S1 DE4 3+00		34	8.0		0.4	10	50	1400
S1 DE4 4+00		27	3.0	7.0	0.3	9	65	1400
S1 DE4 5+00		12	15.0		0.3	2	8	1500
S1 DE4 6+00		10	15.0		0.5	32	7	1400
S1 DE4 7+00		10	15.0		0.5	26	10	3400
S1 DE4 8+00		10	22.0		0.5	15	10	2400
S1 DE4 9+00		6	20.0		0.4	19	10	1700
S1 DE4 10+00		8	20.0		0.4	18	6	2300
S1 DE4 11+00		12	15.0		0.8	25	11	4000
S1 DE4 12+00		12	30.0		0.4	19	10	2100
S1 DE4 13+00		<5	27.0		0.3	19	6	2800
S1 DE4 14+00		24	15.0		1.2	37	12	2100
S1 DE4 15+00		18	18.0		2.0	75	7	4100
S1 DE4 16+00		19	25.0		0.6	28	11	2200
S1 DE4 17+00		17	30.0		0.8	28	9	2100

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 DE4 18+00		10	23.0		0.7	3	4	2700
S1 DE4 19+00		12	15.0		0.3	16	4	2700
S1 DE4 20+00		6	28.0		0.1	17	4	2300
S1 DE4 EMPTY BAG 21+00		IS	IS		IS	IS	IS	IS
S1 DE4 22+00		<5	30.0		0.1	19	6	2000
S1 DE4 23+00		5	30.0		<0.1	19	6	2600
S1 DE4 24+00		8	30.0		0.1	21	7	1600
S1 DE4 25+00		16	26.0		0.2	18	10	2400
S1 DE4 26+00		20	30.0		0.1	17	11	1600
S1 DE4 27+00		14	30.0		0.1	22	9	2500
S1 DE4 28+00		8	30.0		0.1	16	12	2000
S1 DE4 29+00		20	30.0		0.3	14	8	1700
S1 DE4 EMPTY BAG 30+00		IS	IS		IS	IS	IS	IS
S1 DE4 31+00		7	30.0		0.1	8	13	1800
S1 DE4 32+00		8	30.0		0.3	19	14	1500
S1 DE4 33+00		6	30.0		0.1	16	10	1100
S1 DE4 34+00		18	17.0		0.1	21	18	1800
S1 DE4 35+00		<5	28.0		0.4	16	8	1100
S1 DE4 36+00		<5	30.0		<0.1	15	28	2300
S1 DE4 37+00		8	30.0		<0.1	9	20	1900
S1 DE4 38+00		9	24.0		0.2	12	48	1900
S1 DE4 39+00		51	20.0		<0.1	14	22	2000
S1 DE4 40+00		35	20.0		0.4	17	71	1900
S1 DE4 41+00		9	30.0		0.3	13	6	1100
S1 DE4 EMPTY BAG 43+00		IS	IS		IS	IS	IS	IS
S1 DE4 44+00		11	19.0		0.6	10	10	2100
S1 DE4 45+00		10	23.0		0.3	12	31	1800
S1 DE4 46+00		18	30.0		0.1	11	18	960
S1 DE4 47+00		48	26.0		0.1	17	17	1200
S1 DE4 48+00		25	30.0		0.5	25	10	1900
S1 DE4 49+00		6	30.0		0.7	18	12	1000
S1 DE4 51+00		47	30.0		0.1	13	11	1200
S1 DE4 52+00		29	30.0		0.4	51	9	1400
S1 DE4 54+00		21	30.0		0.5	10	11	1500
S1 DE4 56+00		11	20.0		0.1	13	20	1100
S1 DE4 57+00		12	28.0		0.1	20	50	1700
S1 DE4 59+00		<5	27.0		0.2	17	68	1500
S1 DE5 0+00		12	18.0		<0.1	11	1	2800
S1 DE5 1+00		9	3.0	7.0	0.2	22	7	2600
S1 DE5 2+00		15	8.0		0.4	34	12	2300

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 DE5 3+00		<5	30.0		0.1	18	8	2000
S1 DE5 6+00		18	10.0		0.3	32	9	2100
S1 DE5 7+00		8	20.0		0.4	31	10	2200
S1 DE5 8+00		5	22.0		0.2	24	6	2000
S1 DE5 EMPTY BAG 9+00		IS	IS		IS	IS	IS	IS
S1 DE5 10+00		<5	20.0		1.3	17	8	1600
S1 DE5 11+00		5	20.0		0.9	21	16	2100
S1 DE5 12+00		<5	30.0		0.3	12	10	1600
S1 DE5 13+00		5	18.0		0.8	19	8	1700
S1 DE5 14+00		<5	30.0		0.2	15	5	1700
S1 DE5 15+00		<5	14.0		0.7	15	18	2800
S1 DE5 16+00		5	20.0		0.6	15	14	1500
S1 DE5 17+00		<5	25.0		0.4	28	12	1300
S1 DE5 18+00		<5	25.0		0.5	16	19	1500
S1 DE5 19+00		7	25.0		0.5	21	18	1400
S1 DE5 20+00		<5	30.0		0.3	15	8	1700
S1 DE5 21+00		7	22.0		0.2	17	9	1600
S1 DE5 22+00		8	15.0		0.2	22	12	1700
S1 DE5 EMPTY BAG 23+00		IS	IS		IS	IS	IS	IS
S1 DE5 24+00		<5	25.0		0.6	23	13	2600
S1 DE5 25+00		5	28.0		0.1	15	26	5400
S1 DE5 26+00		6	30.0		0.2	11	10	1200
S1 DE5 27+00		6	25.0		0.2	13	9	1900
S1 DE5 28+00		8	28.0		0.3	14	12	1900
S1 DE5 29+00		7	22.0		0.1	15	13	6900
S1 DE5 EMPTY BAG 30+00		IS	IS		IS	IS	IS	IS
S1 DE5 31+00		7	30.0		0.2	10	10	1600
S1 DE5 32+00		14	23.0		<0.1	8	12	1200
S1 DE5 33+00		10	27.0		0.1	9	10	1300
S1 DE5 34+00		10	30.0		0.1	4	10	1300
S1 DE5 EMPTY BAG 35+00		IS	IS		IS	IS	IS	IS
S1 DE5 EMPTY BAG 36+00		IS	IS		IS	IS	IS	IS
S1 DE5 37+00		6	30.0		0.2	16	14	1300
S1 DE6 0+00		9	28.0		0.4	23	23	1100
S1 DE6 1+00		8	20.0		0.7	18	26	1400
S1 DE6 2+00		7	17.0		1.5	19	70	1700
S1 DE6 3+00		10	30.0		0.7	11	29	1300
S1 DE6 4+00		7	22.0		0.6	11	14	1100
S1 DE6 5+00		6	25.0		0.4	10	14	1200
S1 DE6 6+00		15	18.0		0.5	21	43	2100

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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 DE6 7+00		12	20.0		1.0	18	14	1500
S1 DE6 8+00		<5	17.0		0.2	14	7	2100
S1 DE6 9+00		9	23.0		0.2	14	8	1500
S1 DE6 10+00		<5	20.0		0.5	23	7	1400
S1 DE6 11+00		6	10.0		0.2	43	9	1300
S1 DE6 12+00		<5	30.0		<0.1	18	10	1500
S1 DE6 13+00		7	30.0		0.1	16	9	1200
S1 DE6 EMPTY BAG 14+00		IS	IS		IS	IS	IS	IS
S1 DE6 EMPTY BAG 15+00		IS	IS		IS	IS	IS	IS
S1 DE6 16+00		5	24.0		0.1	20	8	930
S1 DE6 17+00		<5	24.0		0.1	16	16	1100
S1 DE6 18+00		<5	30.0		0.2	13	30	1900
S1 DE6 19+00		6	28.0		<0.1	13	22	1400
S1 DE6 20+00		5	24.0		0.2	16	40	1500
S1 DE6 21+00		7	22.0		<0.1	23	34	1800
S1 DE6 EMPTY BAG 22+00		IS	IS		IS	IS	IS	IS
S1 DE6 23+00		12	20.0		0.2	20	50	1500
S1 DE6 24+00"A"		<5	22.0		0.2	19	21	1800
S1 DE6 24+00"B"		8	18.0		0.3	16	6	1300
S1 DE6 25+00		7	18.0		0.5	22	10	1100
S1 DE6 26+00		<5	15.0		1.0	14	100	1300
S1 DE6 27+00		6	20.0		0.3	13	19	1100
S1 DE6 28+00		6	20.0		<0.1	15	70	1200
S1 DE6 29+00		12	15.0		0.1	17	40	1500
S1 DE6 30+00		5	30.0		<0.1	13	8	1400
S1 DE6 31+00		9	3.0	7.0	0.5	17	10	1100
S1 DE6 EMPTY BAG 32+00		IS	IS		IS	IS	IS	IS
S1 DE6 33+00		<5	30.0		0.3	19	12	1300
S1 DE6 34+00		<5	30.0		0.1	13	7	1100
S1 DE6 35+00		<5	20.0		0.1	10	7	1000
S1 DE6 36+00		5	24.0		0.1	10	13	890
S1 DE6 37+00		<5	2.0	8.0	0.2	38	12	2500
S1 DE6 38+00		<5	20.0		0.3	30	14	3600
S1 DE6 39+00		<5	26.0		<0.1	5	1	4400
S1 DE6 40+00		<5	27.0		<0.1	21	8	750
S1 DE6 41+00		<5	30.0		<0.1	74	17	1400
S1 DE6 EMPTY BAG 42+00		IS	IS		IS	IS	IS	IS
S1 DE6 43+00		<5	20.0		0.6	31	12	2000
S1 DE6 44+00		<5	30.0		0.1	37	38	2900
S1 DE6 45+00		<5	30.0		0.1	36	70	1400

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Geochemical Lab Report

REPORT: V88-05644.0 | PROJECT: RL-DE JV |

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 DE6 46+00		<5	19.0		<0.1	22	4	560
S1 DE6 47+00		<5	22.0		0.1	59	16	1000
S1 DE7 0+00		<5	30.0		<0.1	25	4	1700
S1 DE7 1+00		<5	19.0		<0.1	12	5	780
S1 DE7 2+00		<5	30.0		<0.1	16	11	1600
S1 DE7 3+00		5	30.0		<0.1	18	8	1200
S1 DE7 4+00		<5	30.0		<0.1	8	5	800
S1 DE7 5+00		<5	30.0		<0.1	29	5	1000
S1 DE7 6+00		<5	30.0		<0.1	26	2	1000
S1 DE7 7+00		5	20.0		<0.1	14	4	1300
S1 DE7 8+00		<5	26.0		<0.1	14	4	760
S1 DE7 9+00		<5	30.0		0.2	53	7	1100
S1 DE7 10+00		<5	27.0		<0.1	49	10	1500
S1 DE7 11+00		<5	30.0		<0.1	6	8	1400
S1 DE7 12+00		5	30.0		<0.1	11	6	560
S1 DE7 13+00		6	26.0		<0.1	25	5	710
S1 DE7 14+00		<5	30.0		<0.1	22	5	600
S1 DE7 15+00		<5	11.0		<0.1	41	4	650
S1 DE7 EMPTY BAG 16+00		IS	IS		IS	IS	IS	IS
S1 DE7 17+00		<5	9.0		0.1	14	3	450
S1 DE7 18+00		<5	30.0		<0.1	14	8	920
S1 DE7 19+00		<5	26.0		<0.1	8	3	870
S1 DE7 20+00		<5	30.0		<0.1	11	8	1100
S1 DE7 21+00		6	16.0		<0.1	15	8	770
S1 DE7 22+00		<5	30.0		<0.1	14	6	730
S1 DE7 23+00		<5	27.0		<0.1	6	7	810
S1 DE7 24+00		<5	17.0		0.1	5	2	620
S1 DE7 25+00		5	24.0		0.2	31	3	1200
S1 DE7 26+00		<5	28.0		0.1	18	3	1100
S1 DE7 27+00		<5	30.0		<0.1	36	5	1300
S1 DE7 28+00		<5	30.0		0.1	21	3	950
S1 DE7 29+00		<5	30.0		1.1	45	4	1100
S1 DE7 30+00		5	18.0		0.3	39	8	1100
S1 DE7 31+00		<5	30.0		0.8	20	<1	950
S1 DE7 32+00		<5	30.0		0.4	88	9	910
S1 DE7 33+00		6	30.0		0.1	17	6	900
S1 DE7 34+00		<5	22.0		2.1	172	10	1100
S1 DE7 35+00		<5	30.0		0.2	13	5	1300
S1 DE7 36+00		<5	30.0		0.3	21	6	1100
S1 DE7 37+00		<5	30.0		0.1	8	5	530

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 DE7 38+00		<5	22.0		0.2	16	13	950
S1 DE7 39+00		<5	27.0		0.1	8	6	920
S1 DE7 40+00		<5	25.0		0.4	30	10	1100
S1 DE7 41+00		<5	30.0		<0.1	26	10	1500
S1 DE7 42+00		<5	24.0		0.1	41	19	2300
S1 DE7 43+00		<5	23.0		0.2	69	15	1600
S1 DE7 44+00		<5	30.0		<0.1	10	6	1000
S1 DE7 45+00		<5	30.0		0.1	20	12	1000
S1 DE8 0+00		<5	30.0		<0.1	18	6	890
S1 DE8 1+00		<5	20.0		<0.1	25	3	1500
S1 DE8 2+00		7	17.0		<0.1	25	5	700
S1 DE8 3+00		5	30.0		0.1	25	6	1600
S1 DE8 4+00		6	28.0		0.3	35	6	1500
S1 DE8 5+00		11	24.0		0.3	24	5	1300
S1 DE8 6+00		<5	30.0		0.2	23	5	1300
S1 DE8 7+00		9	24.0		0.2	30	4	1300
S1 DE8 8+00		5	22.0		0.2	22	5	1300
S1 DE8 EMPTY BAG 9+00		IS	IS		IS	IS	IS	IS
S1 DE8 EMPTY BAG 10+00		IS	IS		IS	IS	IS	IS
S1 DE8 11+00		6	30.0		0.7	50	6	1700
S1 DE8 12+00		13	12.0		0.3	51	4	2000
S1 DE8 13+00		8	11.0		0.1	50	4	1800
S1 DE8 14+00		6	19.0		0.3	29	4	2100
S1 DE8 15+00		8	8.0		0.3	29	2	1900
S1 DE8 16+00		6	21.0		0.3	34	3	2200
S1 DE8 17+00		<5	18.0		0.2	23	3	2500
S1 DE8 18+00		9	17.0		0.3	24	5	1800
S1 DE8 19+00		15	12.0		0.2	29	4	1900
S1 DE8 20+00		11	17.0		0.3	25	4	2000
S1 DE8 21+00		10	6.0		0.4	20	4	1700
S1 DE8 22+00		6	14.0		0.3	25	4	1800
S1 DE8 23+00		193	7.0		1.2	535	5	3700
S1 DE8 EMPTY BAG 24+00		IS	IS		IS	IS	IS	IS
S1 DE8 24+00		13	26.0		0.3	17	8	1200
S1 DE8 26+00		11	30.0		0.1	13	6	1100
S1 DE8 EMPTY BAG 27+00		IS	IS		IS	IS	IS	IS
S1 DE8 28+00		5	24.0		0.3	57	6	3500
S1 DE8 29+00		17	7.0		0.1	90	7	2600
S1 DE8 30+00		8	19.0		0.3	14	4	1600
S1 DE8 31+00		17	9.0		0.1	34	2	2800

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Geochemical Lab Report

REPORT: V88-05644.0 | PROJECT: HL-DE JV |

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 DE8 32+00		5	30.0		0.3	16	6	1300
S1 DE8 33+00		8	18.0		1.2	19	6	1300
S1 DE8 34+00		6	26.0		0.2	14	7	1200
S1 DE8 35+00		12	20.0		0.2	26	7	1600
S1 DE8 36+00		7	25.0		0.1	17	8	1100
S1 DE8 37+00		13	18.0		0.1	16	7	1000
S1 DE8 38+00		8	30.0		0.2	17	7	930
S1 DE8 39+00		9	30.0		0.2	24	7	840
S1 DE9 EMPTY BAG 0+00		IS	IS		IS	IS	IS	IS
S1 DE9 1+00		18	13.0		0.2	42	7	2400
S1 DE9 2+00		14	19.0		0.3	30	6	1800
S1 DE9 EMPTY BAG 3+00		IS	IS		IS	IS	IS	IS
S1 DE9 4+00		8	25.0		0.1	23	6	2700
S1 DE9 5+00		7	25.0		0.1	19	6	1600
S1 DE9 6+00		6	30.0		<0.1	11	6	2000
S1 DE9 7+00		6	30.0		0.2	10	5	1400
S1 DE9 8+00		15	30.0		0.1	16	7	1500
S1 DE9 9+00		7	30.0		0.3	23	3	1900
S1 DE9 EMPTY BAG 10+00		IS	IS		IS	IS	IS	IS
S1 DE9 EMPTY BAG 11+00		IS	IS		IS	IS	IS	IS
S1 DE9 12+00		13		7.0	0.4	31	3	1300
S1 DE9 13+00		15	14.0		0.5	25	3	1600
S1 DE9 14+00		12	30.0		0.3	28	5	1200
S1 DE9 15+00		11	20.0		0.3	136	6	1100
S1 DE9 16+00		10	22.0		0.1	30	5	1000
S1 DE9 17+00		5	22.0		0.1	94	7	1300
S1 DE9 18+00		6	30.0		0.4	172	8	1100
S1 DE9 19+00		8	30.0		0.1	34	10	1200
S1 DE9 20+00		6	27.0		0.1	24	7	1300
S1 DE9 21+00		8	26.0		0.1	13	5	2000
S1 DE9 22+00		<5	27.0		0.1	37	4	1500
S1 DE9 23+00		<5	30.0		<0.1	22	3	1200
S1 DE9 24+00		6	27.0		0.1	23	3	2200
S1 DE9 25+00		6	30.0		0.2	37	8	1700
S1 DE9 26+00		11	19.0		0.2	29	2	2100
S1 DE9 27+00		11	14.0		0.2	24	5	2100
S1 DE9 28+00		5	30.0		0.2	31	<1	2300
S1 DE9 29+00		<5	30.0		0.2	42	6	1400
S1 DE9 30+00		8	30.0		0.1	67	9	1200
S1 DE9 31+00		7	30.0		0.2	71	5	1500

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 DE9 32+00		8	30.0		0.2	161	2	1800
S1 DE9 33+00		6	28.0		0.6	29	5	1400
S1 DE9 34+00		8	18.0		0.3	55	<1	1600
S1 DE10 0+00		<5	30.0		0.3	8	7	1200
S1 DE10 1+00		19	22.0		0.3	11	6	1100
S1 DE10 2+00		<5	22.0		0.1	5	6	2200
S1 DE10 3+00		<5	30.0		0.2	12	6	1800
S1 DE10 4+00		5	30.0		0.2	21	10	1200
S1 DE10 5+00		6	20.0		0.2	21	6	1700
S1 DE10 6+00		8	20.0		0.3	14	7	1700
S1 DE10 7+00		<5	28.0		0.1	13	5	1600
S1 DE10 8+00		6	25.0		0.2	25	6	1600
S1 DE10 9+00		<5	30.0		0.2	20	6	1400
S1 DE10 10+00		<5	26.0		0.2	17	3	1100
S1 DE10 11+00		6	24.0		1.2	203	5	1300
S1 DE10 12+00		6	30.0		0.1	18	6	960
S1 DE10 13+00		<5	30.0		0.9	219	7	980
S1 DE10 14+00		<5	30.0		1.2	183	5	980
S1 DE10 15+00		<5	28.0		<0.1	101	5	960
S1 DE10 16+00		10	22.0		0.3	79	3	1400
S1 DE10 17+00		9	20.0		0.2	50	6	1700
S1 DE10 18+00		7	25.0		<0.1	41	6	1200
S1 DE10 19+00		12	20.0		0.2	117	6	1800
S1 DE10 20+00		<5	30.0		<0.1	74	3	3000
S1 DE10 21+00		<5	30.0		0.1	47	5	1100
S1 DE10 22+00		<5	30.0		0.2	128	3	1500
S1 HL1 0+00		11	30.0		0.5	16	10	1700
S1 HL1 1+00		9	30.0		0.2	12	11	1500
S1 HL1 2+00		9	30.0		<0.1	13	11	1600
S1 HL1 3+00		8	30.0		0.1	20	41	1500
S1 HL1 4+00		7	30.0		<0.1	16	57	1300
S1 HL1 5+00		9	30.0		0.1	24	12	2200
S1 HL1 6+00		33	30.0		0.1	22	10	2300
S1 HL1 7+00		15	30.0		0.2	52	7	2600
S1 HL1 8+00		17	30.0		0.2	31	10	2900
S1 HL1 9+00		16	30.0		0.3	38	31	2700
S1 HL1 10+00		11	30.0		0.5	46	15	2500
S1 HL1 11+00		9	30.0		0.4	74	10	1800
S1 HL1 12+00		13	30.0		0.3	51	20	2000
S1 HL1 13+00		8	30.0		0.5	34	9	2400

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REPORT: V88-05644.0 | PROJECT: HL-DE JV |

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 HL1 14+00		15	30.0		0.5	31	10	2400
S1 HL1 15+00		41	30.0		0.4	18	110	3400
S1 HL1 16+00		9	30.0		1.0	13	33	2200
S1 HL1 17+00		9	30.0		0.5	78	15	1900
S1 HL1 18+00		7	30.0		0.8	54	60	2400
S1 HL1 19+00		8	20.0		0.5	34	75	2000
S1 HL1 20+00		6	30.0		0.4	34	34	1800
S1 HL1 21+00		7	30.0		0.2	19	18	2000
S1 HL1 22+00		9	30.0		<0.1	18	56	2700
S1 HL1 23+00		<5	30.0		0.2	12	10	1600
S1 HL1 24+00		9	30.0		0.1	12	14	1300
S1 HL1 25+00		5	29.0		0.1	12	18	2000
S1 HL1 26+00		7	30.0		<0.1	16	10	1300
S1 HL1 27+00		6	30.0		0.3	34	7	1700
S1 HL1 28+00		6	29.0		0.1	25	3	1600
S1 HL1 29+00		9	30.0		<0.1	20	6	2100
S1 HL1 30+00		8	30.0		<0.1	17	10	1900
S1 HL1 31+00		9	30.0		0.2	22	14	1800
S1 HL1 32+00		60	30.0		0.8	34	46	2300
S1 HL1 33+00		7	30.0		0.3	19	25	1500
S1 HL1 34+00		<5	30.0		<0.1	33	9	760
S1 HL1 35+00		<5	30.0		0.1	42	6	1100
S1 HL1 36+00		6	30.0		<0.1	58	6	740
S1 HL1 37+00		<5	30.0		0.2	16	4	670
S1 HL1 38+00		8	30.0		0.1	7	6	810
S1 HL1 39+00		12	30.0		0.1	22	4	890
S1 HL1 40+00		8	30.0		<0.1	113	4	650
S1 HL1 41+00		6	30.0		0.1	126	4	840
S1 HL1 EMPTY BAG 42+00		IS	IS		IS	IS	IS	IS
S1 HL1 43+00		17	30.0		<0.1	51	2	780
S1 HL1 44+00		7	30.0		0.2	154	5	1200
S1 HL1 45+00		5	30.0		0.1	415	9	1700
S1 HL1 46+00		9	30.0		0.1	209	6	1400
S1 HL1 47+00		6	30.0		0.2	123	9	1100
S1 HL1 48+00		6	30.0		0.7	529	10	2100
S1 HL1 49+00		5	30.0		1.3	477	9	1500
S1 HL1 50+00		7	30.0		<0.1	37	9	1000
S1 HL1 51+00		<5	30.0		<0.1	45	6	1500
S1 HL2 0+00		8	30.0		0.4	35	37	2100
S1 HL2 1+00		7	30.0		0.2	36	30	2500

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 HL2 2+00		<5	30.0		0.2	63	5	2600
S1 HL2 3+00		5	30.0		0.3	17	11	1400
S1 HL2 4+00		7	30.0		0.7	25	10	1200
S1 HL2 5+00		<5	30.0		0.2	29	8	1500
S1 HL2 6+00		6	30.0		0.2	41	9	1500
S1 HL2 7+00		<5	30.0		0.5	29	9	1500
S1 HL2 8+00		<5	30.0		0.1	11	12	1500
S1 HL2 9+00		5	30.0		0.5	14	12	1500
S1 HL2 10+00		5	30.0		0.4	15	10	1200
S1 HL2 11+00		5	30.0		0.1	20	7	1300
S1 HL2 12+00		<5	30.0		0.2	16	9	1300
S1 HL2 13+00		<5	30.0		<0.1	27	8	1600
S1 HL2 14+00		<5	30.0		0.1	20	13	1500
S1 HL2 15+00		9	30.0		0.3	34	15	1800
S1 HL2 16+00		21	30.0		0.4	53	16	1600
S1 HL2 EMPTY BAG 17+00		IS	IS		IS	IS	IS	IS
S1 HL2 EMPTY BAG 18+00		IS	IS		IS	IS	IS	IS
S1 HL2 19+00		8	30.0		0.2	15	6	1700
S1 HL2 20+00		6	30.0		0.3	18	4	1300
S1 HL2 EMPTY BAG 21+00		IS	IS		IS	IS	IS	IS
S1 HL2 22+00		<5	25.0		0.4	46	2	1400
S1 HL2 23+00		<5	30.0		0.4	64	5	1700
S1 HL2 24+00		5	30.0		0.5	108	7	1500
S1 HL2 25+00		16	30.0		1.0	66	4	1600
S1 HL2 26+00		<5	30.0		1.0	228	10	2300
S1 HL2 27+00		<5	30.0		0.2	29	5	1600
S1 HL2 28+00		<5	30.0		0.1	24	6	1600
S1 HL2 29+00		11	30.0		0.1	13	14	3000
S1 HL2 30+00		<5	30.0		0.1	21	6	1900
S1 HL2 31+00		<5	30.0		0.3	10	10	2200
S1 HL2 32+00		7	30.0		0.4	15	10	2200
S1 HL2 33+00		5	30.0		0.3	81	7	1800
S1 HL2 34+00		7	30.0		0.7	37	6	1300
S1 HL2 35+00		<5	30.0		<0.1	32	6	1400
S1 HL2 36+00		<5	30.0		0.2	34	5	1200
S1 HL2 37+00		<5	30.0		0.1	20	4	2100
S1 HL2 38+00		<5	30.0		0.1	23	4	1900
S1 HL2 39+00		<5	30.0		0.1	14	5	1800
S1 HL2 40+00		7	30.0		0.1	26	6	1400
S1 HL2 41+00		<5	30.0		<0.1	18	8	1200

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 HL2 42+00		<5	30.0		0.1	36	6	790
S1 HL2 43+00		<5	30.0		<0.1	12	2	2200
S1 HL2 44+00		6	30.0		0.1	54	5	1700
S1 HL2 45+00		8	26.0		0.5	33	4	2200
S1 HL2 46+00		9	30.0		0.2	26	3	2000
S1 HL3 0+00		11	30.0		0.5	22	7	2300
S1 HL3 1+00		15	30.0		0.6	47	12	1800
S1 HL3 2+00		7	30.0		0.2	20	7	2000
S1 HL3 3+00		<5	30.0		0.3	22	5	2500
S1 HL3 4+00		<5	30.0		0.4	20	3	2600
S1 HL3 5+00		13	30.0		0.8	11	4	2200
S1 HL3 6+00		10	30.0		0.9	18	2	2500
S1 HL3 7+00		8	30.0		0.4	36	7	2300
S1 HL3 8+00		5	30.0		0.5	32	8	2100
S1 HL3 9+00		11	30.0		0.3	21	7	1400
S1 HL3 10+00		<5	30.0		0.5	39	8	1800
S1 HL3 11+00		5	30.0		0.2	16	8	1300
S1 HL3 12+00		6	30.0		0.3	17	8	1500
S1 HL3 13+00		<5	30.0		0.3	24	8	1900
S1 HL3 14+00		<5	30.0		0.2	10	10	1100
S1 HL3 15+00		<5	30.0		0.1	16	3	3200
S1 HL3 16+00		8	30.0		0.3	26	8	1800
S1 HL3 17+00		6	30.0		0.2	28	2	4600
S1 HL3 18+00		<5	30.0		0.4	27	3	3100
S1 HL3 19+00		<5	25.0		0.1	20	6	3300
S1 HL3 20+00		6	27.0		0.4	16	3	2900
S1 HL3 21+00		<5	30.0		0.4	18	3	2400
S1 HL3 22+00		<5	30.0		0.5	18	2	2100
S1 HL3 EMPTY BAG 23+00		IS	IS		IS	IS	IS	IS
S1 HL3 24+00		5	30.0		0.2	14	2	2100
S1 HL3 25+00		<5	30.0		0.2	12	2	1700
S1 HL3 26+00		<5	30.0		0.3	19	2	1900
S1 HL3 27+00		<5	30.0		0.3	24	3	2000
S1 HL3 28+00		6	30.0		0.2	26	3	1900
S1 HL3 29+00		6	30.0		0.1	22	6	1600
S1 HL3 30+00		<5	25.0		0.2	72	25	3000
S1 HL3 31+00		7	25.0		0.2	21	4	1700
S1 HL3 32+00		28	25.0		0.2	18	4	1500
S1 HL3 EMPTY BAG 33+00		IS	IS		IS	IS	IS	IS
S1 HL3 34+00		26	25.0		0.1	26	4	2200

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 HL3 35+00		10	25.0		0.1	36	3	2200
S1 HL3 36+00		8	25.0		0.2	66	1	2000
S1 HL3 38+00		10	25.0		0.1	35	3	1700
S1 HL3 39+00		6	25.0		0.1	35	7	1000
S1 HL3 40+00		6	20.0		0.6	155	2	3100
S1 HL3 41+00		5	30.0		0.2	727	2	1800
S1 HL3 42+00		5	30.0		<0.1	23	8	1100
S1 HL3 43+00		5	30.0		0.1	20	8	960
S1 HL3 44+00		14	30.0		0.1	16	7	1200
S1 HL3 45+00		<5	25.0		0.1	68	4	1500
S1 HL3 46+00		14	30.0		0.1	12	9	2100
S1 HL3 47+00		11	25.0		0.2	18	8	1200
S1 HL3 48+00		<5	23.0		0.3	469	4	760
S1 HL3 49+00		<5	30.0		<0.1	37	2	2300
S1 HL3 50+00		10	30.0		0.2	59	4	2300
S1 HL3 51+00		7	30.0		0.2	32	4	1400
S1 HL4 0+00		16	30.0		0.4	16	13	1800
S1 HL4 1+00		6	30.0		0.4	20	12	1500
S1 HL4 2+00		5	30.0		0.4	13	8	1800
S1 HL4 3+00		12	30.0		0.5	15	10	2400
S1 HL4 4+00		7	27.0		0.2	29	58	1600
S1 HL4 5+00		10	30.0		0.4	33	80	1900
S1 HL4 6+00		9	24.0		0.8	22	190	2100
S1 HL4 7+00		14	24.0		0.4	38	105	1700
S1 HL4 8+00		8	25.0		0.2	32	80	1900
S1 HL4 9+00		6	30.0		1.1	17	30	990
S1 HL4 10+00		<5	26.0		0.7	13	30	1100
S1 HL4 11+00		5	30.0		0.7	12	36	1000
S1 HL4 12+00		6	26.0		0.4	9	44	1500
S1 HL4 13+00		10	30.0		0.2	12	63	1300
S1 HL4 14+00		22	30.0		0.1	9	105	1700
S1 HL4 15+00		16	30.0		0.1	10	41	1600
S1 HL4 16+00		14	30.0		0.1	9	45	1500
S1 HL4 17+00		19	24.0		<0.1	9	45	2000
S1 HL4 18+00		<5	25.0		0.2	8	24	1600
S1 HL4 19+00		20	25.0		0.8	23	8	1600
S1 HL4 20+00		22	25.0		0.5	35	7	2700
S1 HL4 21+00		16	25.0		0.2	7	4	1800
S1 HL4 22+00		18	30.0		0.4	25	5	1900
S1 HL4 23+00		17	30.0		0.3	140	8	1500

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 HL4 24+00		8	30.0		0.1	26	8	2500
S1 HL4 25+00		5	30.0		0.1	6	13	1500
S1 HL4 EMPTY BAG 26+00		IS	IS		IS	IS	IS	IS
S1 HL4 EMPTY BAG 27+00		IS	IS		IS	IS	IS	IS
S1 HL4 28+00		13	30.0		<0.1	5	4	1100
S1 HL5 28+00		12	20.0		0.1	7	3	790
S1 HL5 29+00		15	30.0		0.1	4	3	950
S1 HL5 30+00		6	30.0		0.2	9	15	1900
S1 HL5 31+00		<5	20.0		0.2	9	11	1600
S1 HL5 32+00		42	30.0		1.2	154	30	2000
S1 HL5 33+00		8	30.0		0.5	25	16	1800
S1 HL5 EMPTY BAG 34+00		IS	IS		IS	IS	IS	IS
S1 HL5 35+00		11	30.0		0.3	14	6	1800
S1 HL5 36+00		8	30.0		0.1	6	4	920
S1 HL5 37+00		6	30.0		0.2	8	8	1300
S1 HL5 38+00		21	30.0		0.4	16	10	1900
S1 HL5 39+00		154	30.0		0.3	14	14	1700
S1 HL5 40+00		10	28.0		0.3	8	15	1600
S1 HL5 41+00		19	30.0		0.3	15	33	1900
S1 HL5 42+00		9	30.0		0.3	13	17	1500
S1 HL5 43+00		13	30.0		0.4	11	19	1300
S1 HL5 44+00		14	30.0		0.4	12	200	2800
S1 HL5 45+00		15	30.0		0.5	15	65	1500
S1 HL5 46+00		9	30.0		0.5	8	22	1000
S1 HL5 47+00		6	30.0		1.2	21	40	2100
S1 HL5 48+00		6	30.0		2.1	16	36	1500
S1 HL5 49+00		8	30.0		0.9	26	100	1900
S1 HL5 50+00		7	30.0		1.2	71	75	3800
S1 HL5 51+00		23	30.0		0.4	83	400	2800
S1 HL6 0+00		8	30.0		0.3	27	70	2400
S1 HL6 1+00		7	30.0		0.1	28	35	1900
S1 HL6 2+00		6	30.0		0.2	15	70	1300
S1 HL6 3+00		8	30.0		0.4	17	39	920
S1 HL6 4+00		6	30.0		0.3	20	50	1900
S1 HL6 5+00		13	30.0		0.3	10	29	1100
S1 HL6 6+00		10	30.0		0.6	13	23	1500
S1 HL6 7+00		29	30.0		0.6	24	68	1500
S1 HL6 8+00		43	30.0		0.2	13	28	1600
S1 HL6 9+00		12	30.0		0.2	11	16	1300
S1 HL6 10+00		19	25.0		0.4	13	24	1200

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 HL6 11+00		12	3.0		0.3	20	39	1600
S1 HL6 12+00		22	3.0		0.3	8	15	1700
S1 HL6 13+00		14	3.0		0.7	9	9	2700
S1 HL6 14+00		17	3.0		1.0	18	12	1200
S1 HL6 15+00		33	3.0		0.8	12	12	1300
S1 HL6 16+00		12	3.0		0.6	15	16	1400
S1 HL6 17+00		8	3.0		0.2	5	9	1100
S1 HL6 18+00		7	3.0		0.5	8	8	990
S1 HL6 19+00		7	30.0		1.5	6	8	1000
S1 HL6 20+00		7	30.0		0.3	23	11	2400
S1 HL6 21+00		14	30.0		0.1	7	19	1100
S1 HL6 22+00		17	30.0		0.3	12	11	990
S1 HL6 EMPTY BAG 23+00		IS	IS		IS	IS	IS	IS
S1 HL6 24+00		24	30.0		0.6	15	22	1900
S1 HL6 25+00		19	30.0		0.6	33	26	3400
S1 HL6 26+00		8	30.0		0.3	28	16	2300
S1 HL8 0+00		6	30.0		0.3	34	6	1600
S1 HL8 1+00		5	30.0		0.3	29	4	1400
S1 HL8 2+00		7	30.0		0.1	22	7	2000
S1 HL8 3+00		6	30.0		0.3	24	6	2200
S1 HL8 4+00		<5	30.0		0.2	28	5	2300
S1 HL8 5+00		<5	30.0		<0.1	35	4	1400
S1 HL8 6+00		<5	30.0		0.1	47	2	2300
S1 HL8 7+00		5	30.0		<0.1	34	4	2200
S1 HL8 8+00		6	30.0		0.4	27	5	1600
S1 HL8 9+00		<5	27.0		0.1	27	4	780
S1 HL8 10+00		<5	30.0		0.2	15	4	1400
S1 HL8 11+00		5	30.0		0.3	17	6	1100
S1 HL8 12+00		<5	28.0		0.5	10	2	780
S1 HL8 13+00		<5	30.0		0.5	14	3	1000
S1 HL8 14+00		<5	26.0		0.3	22	4	1800
S1 HL8 15+00		<5	30.0		0.5	16	4	920
S1 HL8 16+00		5	30.0		0.3	7	3	1700
S1 HL8 17+00		<5	30.0		0.2	6	5	1400
S1 HL8 18+00		<5	30.0		0.2	9	2	1400
S1 HL8 19+00		<5	28.0		0.3	10	8	2700
S1 HL8 20+00		<5	27.0		0.3	24	10	1400
S1 HL8 21+00		6	25.0		0.3	22	10	1600
S1 HL8 22+00		6	30.0		0.1	20	8	2100
S1 HL8 23+00		<5	30.0		0.1	17	6	1900

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SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt. G	Au/wt. G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 HL8 24+00		<5	30.0		<0.1	11	2	3200
S1 HL9 0+00		<5	25.0		0.3	11	4	3100
S1 HL9 1+00		<5	30.0		0.2	18	3	2400
S1 HL9 2+00		<5	30.0		0.2	6	2	4500
S1 HL9 3+00		<5	28.0		0.2	16	5	1500
S1 HL9 4+00		<5	30.0		0.4	7	4	1100
S1 HL9 5+00		6	25.0		0.2	7	6	1100
S1 HL9 EMPTY BAG 6+00		IS	IS		IS	IS	IS	IS
S1 HL9 7+00		<5	30.0		0.2	22	3	1500
S1 HL9 8+00		5	30.0		0.2	22	2	1200
S1 HL9 9+00		5	30.0		0.5	24	2	1400
S1 HL9 10+00		6	26.0		0.3	22	2	2100
S1 HL9 11+00		7	30.0		0.4	27	6	1500
S1 HL9 12+00		6	30.0		0.3	9	4	1400
S1 HL9 FMPTY BAG 13+00		IS	IS		IS	IS	IS	IS
S1 HL9 14+00		5	24.0		0.3	30	2	2700
S1 HL9 15+00		11	14.0		0.4	26	4	1500
S1 HL9 16+00		6	27.0		0.4	21	2	1700
S1 HL9 17+00		<5	30.0		0.8	20	2	1700
S1 HL9 18+00		<5	30.0		0.6	13	4	1200
S1 HL9 19+00		<5	23.0		0.4	16	3	1200
S1 HL9 20+00		<5	28.0		0.4	23	2	2200
S1 HL9 21+00		<5	28.0		0.3	5	4	1100
S1 HL9 22+00		<5	28.0		0.1	9	6	900
S1 HL9 23+00		5	30.0		0.2	40	8	1300
S1 HL9 24+00		6	26.0		0.1	35	8	1200
S1 HL10 0+00		16	25.0		1.2	38	63	1800
S1 HL10 1+00		11	30.0		0.2	21	9	2100
S1 HL10 2+00		6	28.0		0.4	20	14	2000
S1 HL10 3+00		8	30.0		0.3	13	14	2200
S1 HL10 4+00		<5	30.0		0.4	11	10	1800
S1 HL10 5+00		<5	30.0		0.3	20	10	1700
S1 HL10 6+00		5	30.0		0.2	22	35	1700
S1 HL10 7+00		5	25.0		0.1	23	34	2100
S1 HL10 8+00		13	30.0		0.2	8	12	1400
S1 HL10 9+00		101	25.0		0.2	29	9	1400
S1 HL10 10+00		<5	30.0		0.1	12	6	1200
S1 HL10 11+00		6	30.0		0.1	17	6	1400
S1 HL10 12+00		11	14.0		0.3	19	7	1400
S1 HL10 13+00		5	25.0		0.2	10	5	1300

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REPORT: V88-05644.0 | PROJECT: HL-DF JV | PAGE 19

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 HL10 14+00		6	30.0		0.4	17	5	1600
S1 HL10 15+00		7	30.0		0.3	13	3	1600
S1 HL10 16+00		5	30.0		0.4	22	5	1500
S1 HL10 17+00		6	30.0		0.3	25	8	1500
S1 HL10 18+00		6	27.0		0.6	67	3	2200
S1 HL10 19+00		<5	25.0		0.7	38	8	1300
S1 HL10 20+00		<5	30.0		0.5	24	7	1400
S1 HL10 21+00		7	30.0		0.3	30	6	1800
S1 HL10 22+00		5	30.0		0.3	19	6	1700
S1 HL10 23+00		<5	30.0		0.4	21	5	2200
S1 HL10 24+00		6	30.0		0.4	37	10	2400
S1 HL10 25+00		<5	30.0		0.4	6	9	1900
S1 HL10 26+00		<5	30.0		0.1	17	10	2300
S1 HL10 27+00		<5	30.0		0.1	21	10	2500
S1 HL11 0+00		8	29.0		0.6	40	6	3200
S1 HL11 1+00		15	30.0		7.7	64	9	3200
S1 HL11 2+00		9	30.0		0.8	33	6	2800
S1 HL11 3+00		9	30.0		14.2	74	10	1800
S1 HL11 4+00		18	30.0		4.2	31	12	1400
S1 HL11 5+00		14	30.0		4.1	29	14	1200
S1 HL11 6+00		22	29.0		4.9	34	5	1500
S1 HL11 7+00		24	30.0		3.2	19	10	1300
S1 HL11 8+00		18	30.0		3.0	21	8	1300
S1 HL11 9+00		<5	30.0		3.2	28	6	2600
S1 HL11 10+00		8	30.0		8.1	45	6	1600
S1 HL11 11+00		55	30.0		7.5	42	8	1600
S1 HL11 12+00		32	30.0		3.4	24	6	2800
S1 HL11 13+00		5	30.0		0.9	13	13	1700
S1 HL11 14+00		<5	30.0		1.4	16	4	1300
S1 HL11 15+00		<5	30.0		0.8	25	8	2000
S1 HL11 16+00		13	30.0		0.4	11	6	2400
S1 HL11 17+00		19	30.0		0.6	12	6	2100
S1 HL11 18+00		9	30.0		0.3	9	6	1600
S1 HL11 19+00		6	30.0		0.7	42	8	1700
S1 HL11 20+00		7	30.0		0.1	12	8	1400
S1 HL11 21+00		5	30.0		0.2	18	6	1800
S1 HL11 22+00		<5	30.0		0.3	10	6	1600
S1 HL11 23+00		<5	30.0		0.1	86	7	1700
S1 HL11 24+00		5	30.0		<0.1	14	6	2500
S1 HL12 0+00		8	30.0		0.2	24	7	1900

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Geochemical Lab Report

REPORT: V88-05644.0 | PROJECT: HL-DE JV |

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Au/wt G	Au/wt G	Ag PPM	Pb PPM	As PPM	Ba PPM
S1 HL12 1+00		6	30.0		0.1	30	3	2800
S1 HL12 2+00		10	24.0		0.4	27	6	1900
S1 HL12 3+00		12	30.0		0.4	19	6	1600
S1 HL12 4+00		8	28.0		0.3	10	2	2200
S1 HL12 5+00		11	30.0		1.2	24	6	1700
S1 HL12 6+00		<5	30.0		0.3	21	3	1600
S1 HL12 EMPTY BAG 7+00		IS	IS		IS	IS	IS	IS
S1 HL12 EMPTY BAG 8+00		IS	IS		IS	IS	IS	IS
S1 HL12 EMPTY BAG 9+00		IS	IS		IS	IS	IS	IS
S1 HL12 EMPTY BAG 10+00		IS	IS		IS	IS	IS	IS
S1 HL12 11+00		12	30.0		0.8	5	4	1000
S1 HL12 EMPTY BAG 12+00		IS	IS		IS	IS	IS	IS
S1 HL12 EMPTY BAG 13+00		IS	IS		IS	IS	IS	IS
S1 HL12 14+00		9	30.0		0.3	12	7	1200
S1 HL12 15+00		6	25.0		0.3	22	7	1200
S1 HL12 16+00		9	30.0		0.3	12	7	1200
S1 HL12 17+00		17	30.0		0.3	18	6	1300
S1 HL12 EMPTY BAG 18+00		IS	IS		IS	IS	IS	IS
S1 HL12 EMPTY BAG 19+00		IS	IS		IS	IS	IS	IS
S1 HL12 EMPTY BAG 20+00		IS	IS		IS	IS	IS	IS
S1 HL12 EMPTY BAG 21+00		IS	IS		IS	IS	IS	IS
S1 HL12 22+00		10	30.0		0.1	10	3	1400
S1 HL12 23+00		6	30.0		0.3	15	5	1300
S1 HL12 EMPTY BAG 24+00		IS	IS		IS	IS	IS	IS
R2 HL3^37+00		5	29.0		0.1	36	4	2100

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Geochemical Lab Report

REPORT: V88-06848.0 | PROJECT: DF (HF-JV) | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	Cu PPM	Pb PPM	As PPM	Hg PPB	Ba PPM
R2 DE1		<5	0.1	3	4	2	<5	210
R2 DE2		<5	0.1	4	11	1	5	2400
R2 DE3		<5	0.1	5	14	7	5	2600
R2 DE4		<5	0.1	2	<2	<1	<5	<20
R2 DE5		<5	<0.1	14	13	4	5	1500
R2 DE6		<5	0.1	12	39	8	<5	1100
R2 DE7		<5	0.1	5	78	15	<5	590
R2 DE8		<5	0.1	6	37	<1	<5	30

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Geochemical Lab Report

REPORT: V88-06847.0 | PROJECT: HL(HL-JV) | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	As PPM	Hg PPB	Ba PPM
R2 HL1		31	>50.0	>20000	>10000	2400	3	45	1300
R2 HL2		6	>50.0	8920	>10000	1920	3	30	1500
R2 HL3		<5	1.8	743	1120	1230	2	5	2300
R2 HL4		<5	1.2	387	782	1010	2	5	2300
R2 HL5		<5	36.3	>20000	>10000	3000	2	60	1200
R2 HL6		<5	0.4	84	114	92	4	10	380
R2 HL7		<5	0.3				<1	<5	460
R2 HL8		<5	0.3				1	5	3600
R2 HL9		56	0.2				5	<5	1000
R2 HL10		5	0.3				50	5	520
R2 HL11		8	<0.1				2	5	770
R2 HL12		5	<0.1				<1	5	1700
R2 HL13		<5	<0.1				2	5	2400
R2 HL14		<5	0.1				1	10	2100
R2 HL15		<5	<0.1				1	5	2800
R2 HL16		<5	<0.1				2	5	1400
R2 HL17		<5	<0.1				2	5	1400
R2 HL18		<5	0.1				<1	5	<20
R2 HL19		16	0.1				6	10	2700
R2 HL20		5	<0.1				2	5	2100
R2 HL21		<5	<0.1				1	10	1900
R2 HL22		<5	0.2				<1	25	790
R2 HL23		<5	<0.1				<1	20	1800
R2 HL24		<5	0.2				1	20	1600
R2 HL25		6	<0.1				1	40	1600
R2 HL26		<5	0.3				1	45	2400
R2 HL27		<5	0.1				4	5	500
R2 HL28		<5	0.3				2	10	980

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Geochemical Lab Report

REPORT: V88-06863.0

PROJECT: HL(HL-JV) PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au 3Hg PPB	Ag PPM	As PPM	Hg PPB	Ba PPM
R2 HL29		<5	0.3	2	15	1900
R2 HL30		<5	0.1	2	15	2400
R2 HL31		<5	5.1	1	4100	6500
R2 HL32		<5	1.4	1	110	4300
R2 HL33		<5	12.0	2	45	1700
R2 HL34		<5	0.4	2	10	3100
R2 HL35		<5	0.5	1	10	4100
R2 HL36		<5	0.4	1	55	3200
R2 HL37		<5	0.4	3	90	2300
R2 HL38		<5	0.2	5	30	1300
R2 HL39		12	1.8	2	30	2700
R2 HL40		319	21.0	2	190	2200
R2 HL41		<5	2.1	5	70	3700
R2 HL42		<5	0.2	4	5	1300
R2 HL43		<5	0.2	13	5	370
R2 HL44		<5	0.9	550	5	2600
R2 HL45		6	1.0	310	5	2800
R2 HL46		<5	0.4	7	<5	1700
R2 HL47		<5	0.5	130	<5	2500
R2 HL48		<5	0.2	44	<5	950

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Certificate of Analysis

REPORT: V88-06847.6

PROJECT: HL(HL-JV) PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT	Cu PCT	Pb PCT
R2 HL1		7.92	3.76	14.40
R2 HL2		3.06		6.80
R2 HL5			2.32	1.78

DAWSON

FISH

HESTER CREEK

LAST CHANCE CREEK

BEAR CK ROAD

WITH

REEF

HOPE
(lapsed)

INDEPENDENCE CREEK

COLORADO CREEK

HUNKER CREEK

HUNKER ROAD

HUN

TO SOLOMON DOME

SODA CREEK

GOLD BOTTOM CREEK

WHO

TRAIL

McKAY GULCH

UPPER BONANZA ROAD

BON

CARMACK FORK

LAW

BOT

VIEW

VICTORIA GULCH

UPPER BONANZA CREEK

BOTTOM GULCH

BOTTOM ROAD

GOLD

KIN

LONE STAR MINE

READY BILLION GULCH

BH

JAE

KING SOLOMON DOME
4048

LONE STAR PROPERTY
(REX, AC, ND, etc.)

TOM

CANYON CREEK

CAN

SULPHUR CREEK

SUL

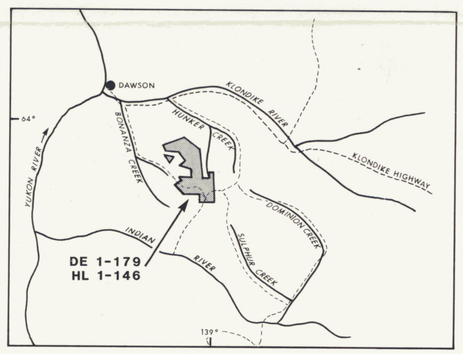
KIN

LITTLE BLANCHE CREEK

QUARTZ CREEK

0.5 0 1 2
KILOMETRES

N



DAWSON ELDORADO MINES LTD	
DE/HL PROPERTY	
CLAIMS DISPOSITION	
DAWSON M.D.	115-O-14, 15
SCALE : 1:31 680	DATE : NOVEMBER 1988
BY : P VAN ANGEREN	FIGURE : 2

092722

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LEGEND

TERTIARY

4 DIORITE

3 DACITE
- (a) Dike
- (b) Sill

PALEOZOIC ?

2 PELLY GNEISS — Granitic orthogneiss

1 KLONDIKE SCHIST
- (a) Blocky green chlorite quartzite and schist
- (b) Pyritic silvery chlorite-muscovite schist
- (c) White siliceous sericite schist

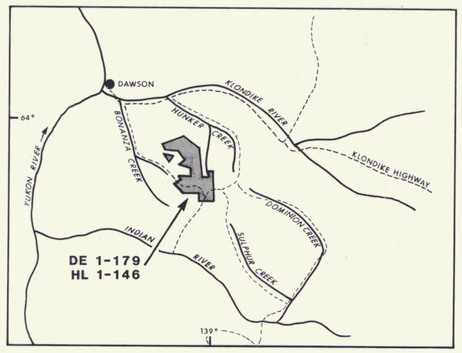
SYMBOLS

- GEOLOGICAL CONTACT: (Defined, Approximate)
- OUTCROP LIMITS
- FAULT–SHEAR: (Approximate)
- BEDDING: (Inclined, Vertical)
- FRACTURES: (Inclined, Vertical)
- FOLIATION: (Inclined, Vertical)
- ROCK CHANNEL SAMPLE
- FLOAT SAMPLE (DE & HL series; Appendix I & II)
- SOIL SAMPLE LINE (Line DE & HL series; Appendix II)
- SOIL ANOMALY ZONE (eg. Au average 35 ppb)

Note: shown are values greater than

30 ppb Au	75 ppm Pb
1.0 ppm Ag	2500 ppm Ba
100 ppm As	50 ppb Hg

- PLACER GOLD MINERALIZATION
- QUARTZ VEIN SYSTEM



LONE STAR PROPERTY
(REX, AC, ND, etc.)

LONE STAR MINE

0.5 0 1 2
KILOMETRES

DAWSON ELDORADO MINES LTD

DE/HL PROPERTY

GEOLOGY AND GEOCHEMISTRY

DAWSON M.D. 115-O-14, 15

SCALE : 1:31 680	DATE : NOVEMBER 1988
BY : P VAN ANGEREN	FIGURE : 3

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