2004 DIAMOND DRILLING AND SOIL GEOCHEMISTRY EXPLORATION PROGRAM

LUSTDUST PROPERTY

OMINECA MINING DIVISION, BRITISH COLUMBIA, CANADA

(93N / 11W)

FOR

ALPHA GOLD CORPORATION
410 DONALD STREET
COQUITLAM, B.C.
V3K 3Z8

BY

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IN-DEPTH GEOLOGICAL SERVICES

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    - i. **Lithology Log**
    - ii. **Assay Log**
    - iii. **RQD Log**
    - iv. **Survey Log**
    - v. **Digital Core Photographs**

2. **Digital Text Copy - 2004 Lustdust Report**
3. **Digital Drawings - 2004 Lustdust Report**

1.0 SUMMARY

The Lustdust property comprises 242 contiguous, 2 and 4-post mineral claim units located in northcentral British Columbia, all of which are owned by Alpha Gold Corporation. The claims are underlain by Cache Creek Assemblage sedimentary and volcanic rocks which lie immediately west of a major regional and terrane bounding fault, the Pinchi Fault. Supracrustal rocks are cut by Eocene intrusive bodies ranging widely in composition from calc-alkaline diorite to monzonite to sub-alkalic rhyodadacite (Ray et al., 2002).

Gold and copper mineralization is hosted within a folded, upright to locally overturned, east-verging sequence of steeply west-dipping, northwest-striking limestones, mafic tuffs and siliceous phyllites. Gold and copper mineralization occurs in several forms, all of which are related to an Eocene hydrothermal system. Predominant styles of mineralization targeted by the 2004 exploration program include:

1. **Carbonate hosted, precious metal enriched, massive sulphide mantos**

2. **Cu-Au skarns**

The entire hydrothermal system, except for molybdenum rich veins and stockworks, is auriferous with 0.5 to >1 g/t gold values common throughout. Bonanza gold grades of >30 g/t Au over 1 to 9.7 m widths have been cored and may be associated with massive sulphide replacement bodies. The system is strongly zoned over at least 3000 m laterally and shows polyphase intrusive and mineralization characteristics typical of major Au-Cu-Zn-Pb-Ag skarn replacement systems found throughout the northern and southern cordillera.

Alpha Gold's 2004 exploration program was directed towards:

1. Fill-in exploration drilling of the Canyon Creek Skarn including the footwall zone.

2. Drill testing the gold and arsenic soil geochemistry anomalies identified during the 2003 fieldwork for a possible northerly extension of the Canyon Creek Skarn.

3. Continuing the 2003 program to drill test the down-dip potential of the Number 3 Oxide Zone.

4. Continuing the 2003 soil geochemistry program.

5. Refining the excellent geologic base-map of the property.

Twenty-one (21) NQ diamond drill holes were completed between June 23 and October 7, 2004 totaling 6,010 m. Three hundred seventeen (317) split-core samples were taken for analysis. In addition, seven hundred twenty four (724) B-horizon soil samples were collected along 36.2 kilometers of gridlines. Reconnaissance geological mapping and sampling continued across the property. Total cost for the 2004 program was $819,924 (Table 5).

Highlights of the 2004 program include:

1. The Canyon Creek Skarn Zone was extended approximately 400 meters to the north. This extension consists of prograde and retrograde exoskarn with high pyrrhotite:pyrite ratios, high pyroxene:garnet ratios, and high-grade precious metal values. These features are characteristic of gold skarns distal to the intrusion and close to the margins of the skarn envelope (Ray and Webster, 1997).

    - Drill-hole LD04-01 returned **176.0 g/t Ag and 4.02% Pb over 1.0m from 61.2-62.2 meters.**

    - Drill-hole LD04-02 returned **50.7 g/t Au over 0.6m from 244.4 to 245.0 meters**

    - Drill-hole LD04-08 returned **15.35 g/t Au over 1.2m from 148.6 to 149.8 meters**

    - Drill-hole LD04-13 returned **12.70 g/t Au over 1.6m from 236.1 to 237.7 meters**

    - Drill-hole LD04-14 returned **378 g/t Ag over 1.3m from 245.3 to 246.6 meters**

2. The Number 3 oxide zone was extended 50 meters north of drill-hole LD03-27.

    - Drill-hole LD04-18 returned **2.23 g/t Au, 14.4 g/t Ag, and 2.75% Zn over 9.1m from 115.5 to 124.6 meters.**

3. A 450 meter long, gold-arsenic soil geochemistry anomaly was identified 300 meters east of and parallel to the Canyon Creek Skarn Zone.

Significant drill-hole results are summarized in Table I.

TABLE I

DDH ID	AZ.	DIP	FROM (m)	TO (m)	Width (m)	Au (g/t)	Ag (g/t)	Zn (%)	Pb (%)	Cu (%)
Canyon Creek Skarn Extension										
LD04-01	085°	-56°	61.2	62.2	1.0	0.31	176.0	0.87	4.02	0.11
LD04-01	085°	-56°	119.6	125.1	5.5	0.88	6.0			
LD04-02	086°	-55°	171.6	175.8	4.2	0.26	8.8	0.10		0.16
LD04-02	086°	-55°	244.4	245.0	0.6	50.70	3.7			
LD04-02	086°	-55°	255.5	256.3	0.8	0.72	3.0			0.12
LD04-08	076°	-55°	148.6	149.8	1.2	15.35				0.08
LD04-08	076°	-55°	195.3	197.5	2.2	0.61				0.17
LD04-09	086°	-55°	151.2	158.7	7.5	1.07				
LD04-09	086°	-55°	214.8	216.1	1.3	1.54	80.3			
LD04-09	086°	-55°	244.7	246.1	1.4	3.38	15.0			
LD04-09	086°	-55°	262.1	263.5	1.4	1.17	5.4			
LD04-10	080°	-55°	29.6	35.7	6.1	0.58	9.9			
LD04-11	090°	-55°	43.4	44.0	0.6	2.12	17.8	1.29		
LD04-11	090°	-55°	86.5	89.3	2.8	1.27	34.8	0.33		
LD04-11	090°	-55°	96.7	99.6	2.9	0.72	23.8			
LD04-11	090°	-55°	107.7	109.4	1.7	4.64	16.9	0.21		0.10
LD04-11	090°	-55°	112.7	122.8	10.1	0.82	14.7			0.11
	including		115.4	118.6	3.2	1.43	28.4			0.18
LD04-12	089°	-55°	136.2	139.3	3.1	0.60	13.1	0.19		
LD04-13	087°	-70°	105.9	107.7	1.8	0.36	20.9	0.53		
LD04-13	087°	-70°	236.1	237.7	1.6	12.70				
LD04-13	087°	-70°	298.9	302.2	3.3	0.88				
LD04-14	089°	-55°	243.7	247.9	4.2	1.08	137.1			0.24
	including		245.3	246.6	1.3	0.86	378.0			0.34
LD04-15	092°	-55°	88.0	89.5	1.5	0.33	59.7			1.4
LD04-16	090°	-55°	no significant results							
Canyon Creek Skarn										
LD04-03	050°	-70°	no significant results							
LD04-04	050°	-45°	109.0	110.1	1.1	0.36	15.0			0.84
LD04-04	050°	-45°	110.7	120.0	9.3	0.62	31.5			1.57
LD04-04	050°	-45°	133.6	142.3	8.7	0.21	7.5			0.45
LD04-04	050°	-45°	156.6	158.2	1.6	0.39	8.0			0.56
LD04-04	050°	-45°	184.6	188.6	4.0	0.40	18.2			0.95
LD04-04	050°	-45°	219.9	221.6	1.7	0.53	30.5			1.71
LD04-05	053°	-65°	185.6	191.5	5.9	1.37	18.0			1.28
LD04-06	045°	-45°	76.3	77.4	1.1	0.42	7.9			0.33
LD04-06	045°	-45°	159.0	160.1	1.1	2.54				0.07
LD04-06	045°	-45°	179.9	181.2	1.3	0.39	10.2			0.47
LD04-07	045°	-65°	69.5	78.0	8.5	0.23				0.14
Number 3 Manto										
LD04-17	090°	-45°	no significant results							
LD04-18	064°	-55°	115.5	124.6	9.1	2.23	14.4	2.75		
LD04-19	064°	-65°	no significant results							
LD04-20	000°	-90°	no significant results							
LD04-21	000°	-90°	no significant results							

As in the preceding seasons, particularly since 1996, positive exploration results continue to emerge on this property. The diversity in the style of mineralization continues to be a hallmark of Lustdust, as is quality of the gold-copper intersections associated with these mineralized zones. Lustdust remains one of the strongest precious metals skarn systems both vertically and horizontally in the northern cordillera. A continuing program of aggressive drilling is recommended for 2005 to test the large gold-arsenic soil geochemistry anomaly east of the Canyon Creek Skarn and to further define the known mineralized zones.

2.0 INTRODUCTION AND TERMS OF REFERENCE

This report has been commissioned by the management of Alpha Gold Corporation. The report documents all results of the 2004 diamond drilling and soil geochemistry program and outlines all significant changes to the geological database. The report is based on an extensive review and compilation of private corporate reports and documents as well as publicly available geological and scientific papers.

The report is also based on the author's personal knowledge of the property obtained during the period from June 25 to October 8, 2004. During this time, the author designed and supervised the drill program, including access construction and reclamation. The author also logged the core, supervised the core sampling, and supervised the soil geochemical surveys. All work was done according to accepted "best practices" for the industry.

3.0 DISCLAIMER

Implementation of the 2004 exploration program and the writing of this report have relied upon an abundance of excellent previous work. The surface geological map developed by several individuals, most particularly by Dr. Gerry Ray and his co-workers (Ray et al., 2002), has been extensively utilized. The author has also relied on many of the previous geological reports on this property, particularly the work of Evans (1996, 1997); Megaw (1999, 2000, and 2001) and Oliver (2002, 2003).

On a property with an abundance of historical drilling, conducted over a 60-year period, it would be surprising if all drill collars have been identified. Although a substantive effort has been made to accurately locate, survey and identify historical drill collars, not all of these have been identified and not all historical drill results, or the results of other technical surveys, are available.

4.0 PROPERTY DESCRIPTION AND LOCATION

The Lustdust Property is located in the Omineca Mining Division of north-central British Columbia on NTS 93N/11W at latitude 55 34' North (Northing 6160175) and 125 25' West (Easting 347850), UTM Zone 10, NAD 83 (Figure 1).

Pursuant to agreements made July 15, 1989 and February 21, 1992, Alpha Gold acquired interest in 77 mineral claims known as the Lustdust Property, Omineca Mining Division. In 2003, net smelter returns were purchased for these claims. Technical and legal details of this purchase are available in the corporate and legal offices of Alpha Gold. Also during 2003, an additional 8 two-post claims overlying the historic Bralorne–Takla mercury mine were acquired by purchase.

With these recent additions, Alpha Gold Corporation's land holdings in the district total 242 contiguous claim units, for a total of 4808 hectares or 48 km^2 (Figure 2). A complete list of mineral claims and their expiry dates is provided in Table 2. No perimeter or legal surveys have been conducted across these claims and the writer has not personally examined the position of legal corner posts.

Six principal mineralized zones are identified on the property: the Number 1 (Takla Silver Mine), Number 2, Number 3, Number 4B, the Canyon Creek Skarn, and lastly the historic mercury mineralization at the Bralorne Takla Mercury Mine. To the writer's knowledge, the property is not subject to any environmental liabilities or other encumbrances.

2004 exploration work on the Lustdust property was completed in accordance with Amended Permit MX-13-19 as issued by the Ministry of Energy and Mines on June 3, 2004. The work approval number for the project was 04-1000323-0603.

5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The property is located approximately 210 kilometers northwest of Prince George, B.C. and 36 km east of Takla Landing, where there is a B.C. rail-line. Lustdust is located immediately west of the old Bralone Takla Mercury Mine (Minfile 093N 008) and encompasses the Takla Silver Mine (Minfile 093N 009), (Figure 1).

Access is gained by traveling approximately 55 km along a paved road from Fort St. James towards Tachie Lake, then 70 km along the Leo Creek road, 62 km along the Driftwood Road, 25 km along the Fall-Tsayta road and 3 km along the Silver Creek road - a total distance of approximately 215 km northwest of Ft. St. James.

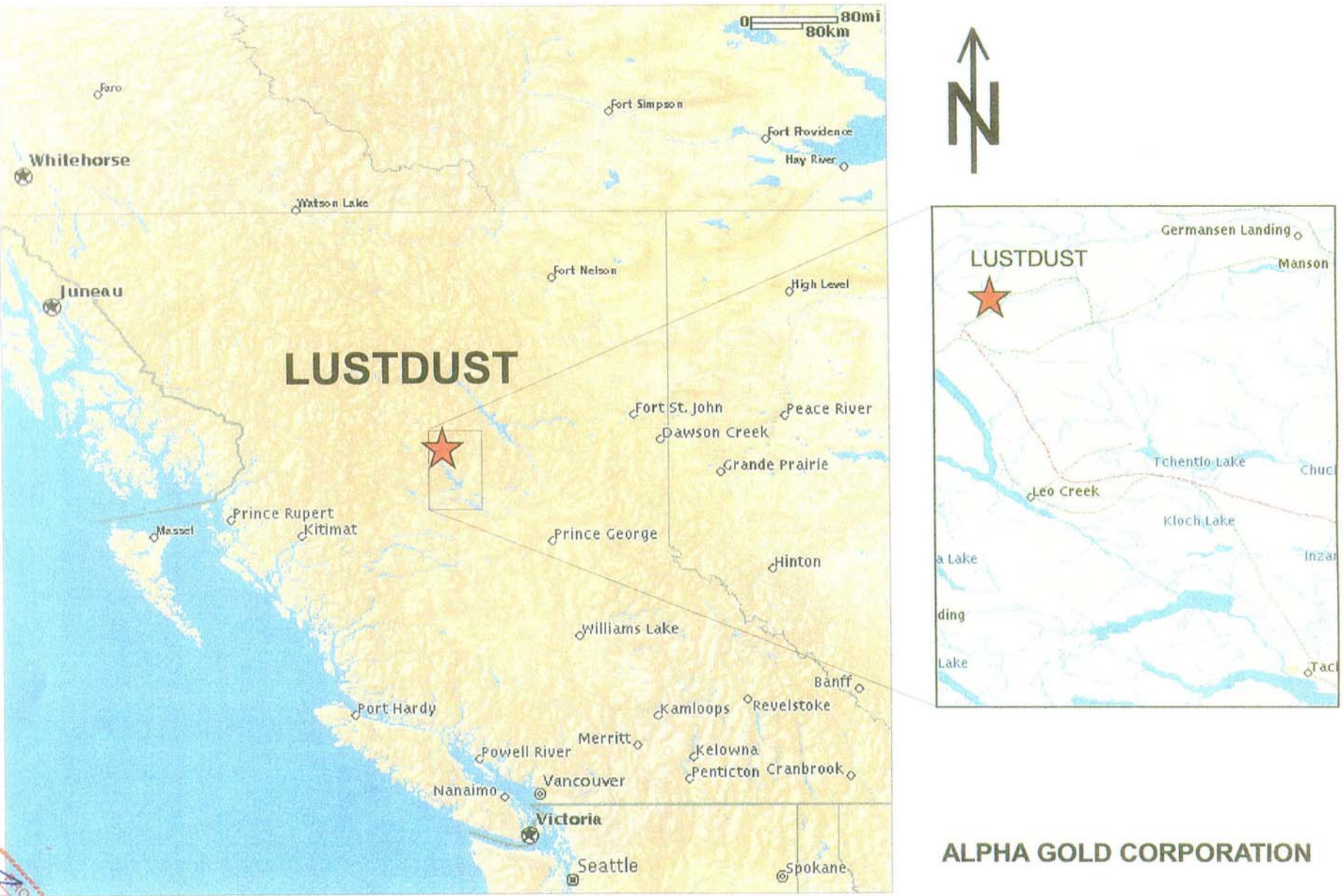
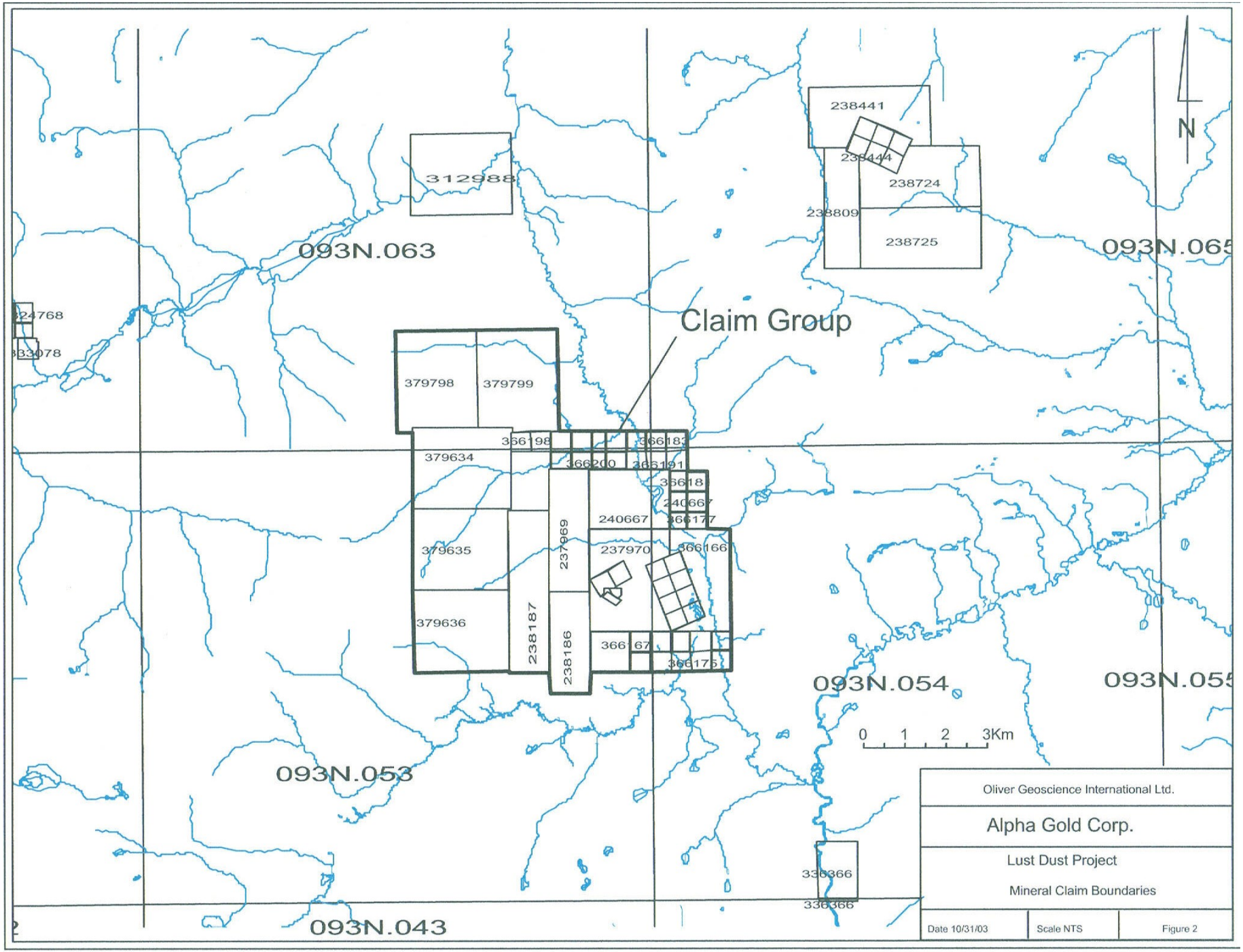


FIGURE 1: Map showing the location of Lustdust Property in British Columbia

TABLE 2 LUSTDUST CLAIMS, January 2005

	Claim Name	Tenure No.	Number of Units	Type of Claim	Expiry Date
	M.V. 1	246007	1	2 post	15/10/2014
	M.V. 2	246008	1	2 post	15/10/2014
	Wow 1	238056	1	2 post	15/10/2014
	L	237969	12	4 post	15/10/2014
	M	237970	20	4 post	15/10/2014
	Air	238053	4	4 post	15/10/2014
	P	238186	10	4 post	15/10/2014
	Ink	238187	16	4 post	15/10/2014
	Hogem	240667	12	4 post	15/10/2014
	LD-1	366166	15	4 post	15/10/2014
	LD-2	366167	1	2 post	15/10/2014
	LD-3	366168	1	2 post	15/10/2014
	LD-4	366169	1	2 post	15/10/2014
	LD-5	366170	1	2 post	15/10/2014
	LD-6	366171	1	2 post	15/10/2014
	LD-7	366172	1	2 post	15/10/2014
	LD-8	366173	1	2 post	15/10/2014
	LD-9	366174	1	2 post	15/10/2014
	LD-10	366175	1	2 post	15/10/2014
	LD-11	366176	1	2 post	15/10/2014
	LD-12	366177	1	2 post	15/10/2014
	LD-13	366178	1	2 post	15/10/2014
	LD-14	366179	1	2 post	15/10/2014
	LD-15	366180	1	2 post	15/10/2014
	LD-16	366181	1	2 post	15/10/2014
	LD-17	366182	1	2 post	15/10/2014
	LD-18	366183	1	2 post	15/10/2014
	LD-19	366184	1	2 post	15/10/2014
	LD-20	366185	1	2 post	15/10/2014
	LD-21	366186	1	2 post	15/10/2014
	LD-22	366187	1	2 post	15/10/2014
	LD-23	366188	1	2 post	15/10/2014
	LD-24	366189	1	2 post	15/10/2014
	LD-25	366190	1	2 post	15/10/2014
	LD-26	366191	1	2 post	15/10/2014
	LD-27	366192	1	2 post	15/10/2014
	LD-28	366193	1	2 post	15/10/2014
	LD-29	366194	1	2 post	15/10/2014
	LD-30	366195	1	2 post	15/10/2014
	LD-31	366196	1	2 post	15/10/2014
	LD-32	366197	1	2 post	15/10/2014
	LD-33	366198	1	2 post	15/10/2014
	LD-34	366200	6	4 post	15/10/2014
	HOGEM 2	371049	1	2 post	15/10/2014
	HOGEM 3	371050	1	2 post	15/10/2014
	HOGEM 4	371051	1	2 post	15/10/2014
	HOGEM 5	371052	1	2 post	15/10/2014
	LD-35	379634	20	4 post	15/10/2014
	LD-36	379635	20	4 post	15/10/2014
	LD-37	379636	20	4 post	15/10/2014
	LD-38	379798	20	4 post	15/10/2014
	LD-39	379799	20	4 post	15/10/2014
	N/A	404726	1	2 post	15/10/2014
	N/A	404727	1	2 post	15/10/2014
	N/A	404728	1	2 post	15/10/2014
	N/A	404729	1	2 post	15/10/2014
	N/A	404730	1	2 post	15/10/2014
	N/A	404731	1	2 post	15/10/2014
	N/A	404732	1	2 post	15/10/2014
	N/A	404733	1	2 post	15/10/2014
TOTAL	**60 claims**		**242**		


312988
238441
238444
238724
238809
238725
093N.063
093N.065
Claim Group
379798
379799
379634
379635
379636
366198
366183
366200
366191
366178
240667
366177
237969
237970
366166
238187
238186
366167
366175
093N.054
093N.055
093N.053
093N.043
0 1 2 3Km
N
336366
336366
Oliver Geoscience International Ltd.
Alpha Gold Corp.
Lust Dust Project
Mineral Claim Boundaries
Date 10/31/03
Scale NTS
Figure 2

The terrain is moderate, ranging in elevation from 1000-1525 m on the property. Lower elevations are covered by widely-spaced lodgepole pine. At elevations above 1200 m, forest cover consists of overmature spruce and balsam with an undergrowth of white rhododendron. Summers are short and rainy but even under these conditions many of the drainages are seasonal in nature with progressively diminished flows during the late summer and fall. Snow accumulations, during average winters, persist from late September through May-June at the higher elevations. Most of the exploration programs conducted on the property to date have been completed during the June to October field season.

6.0 HISTORY

The Lustdust property has been explored by a number of operators since the original discovery of the Number 1 Zone in 1944. A synopsis of the exploration history is listed in Table 3. Despite the fact that exposure is limited and that previous efforts have been hampered by poor understanding of the deposit type, new occurrences have been found on a regular basis both along strike to the north-northwest and south-southeast, and at depth.

7.0 GEOLOGICAL SETTING

7.1 Regional Geology

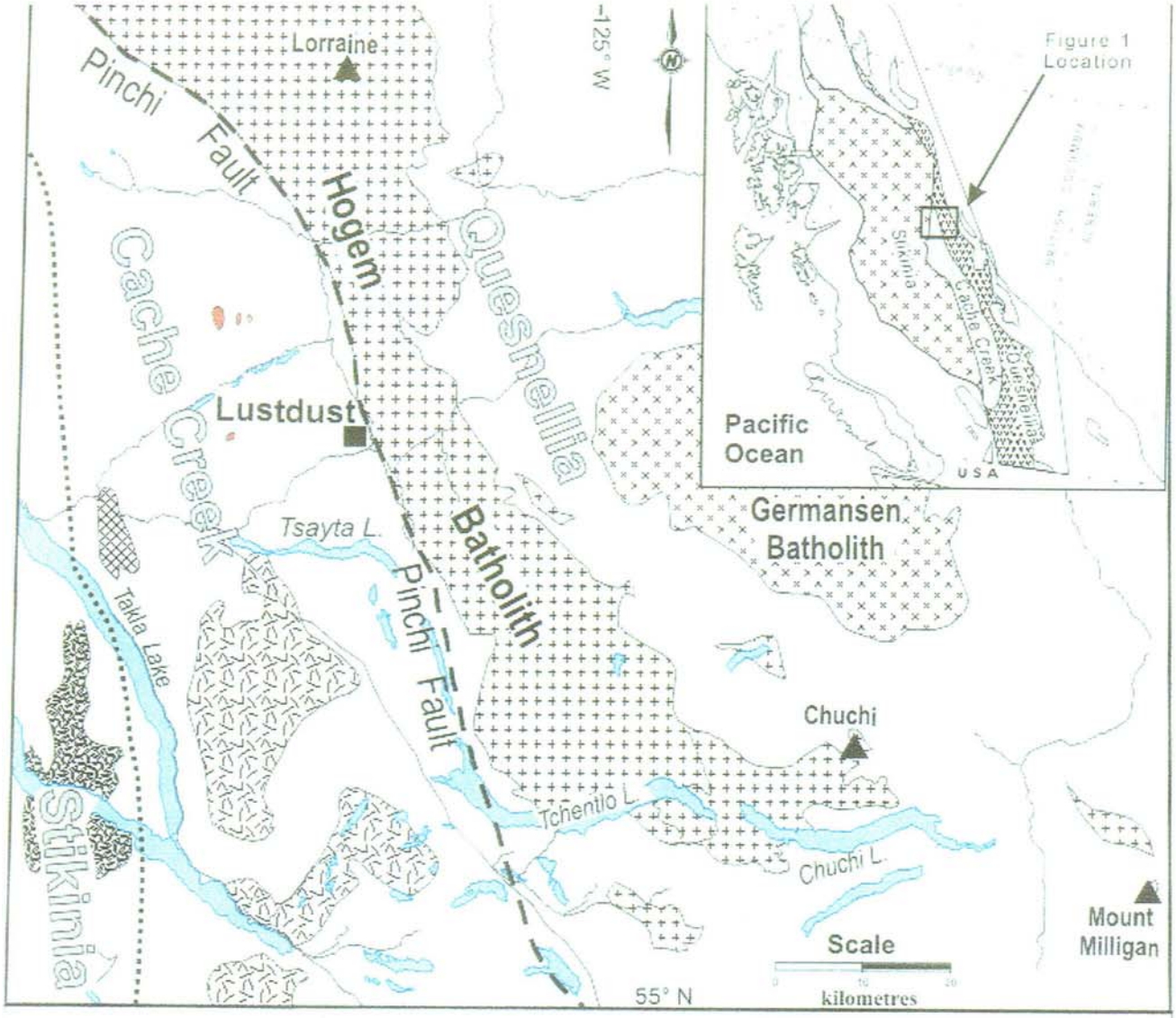
The Lustdust property is located within the Cache Creek Terrane directly west of the Pinchi Fault (Figure 3). The Pinchi Fault can be traced for 600 km through north-central B.C. and is believed to have been a major thrust fault which was later reactivated as a large right-lateral strike-slip fault (Paterson, 1977). In the project area, the Pinchi Fault separates Cache Creek rocks from the Jurassic Hogem Batholith and Triassic-Jurassic Takla rocks to the west. The Cache Creek Group is of Pennsylvanian-Permian age and consists of a >500 kilometer-long, >3000 meter thick, complexly deformed sequence of interbedded argillites, cherts, carbonates, and mafic to ultramafic volcanic and plutonic igneous rocks. Alpine peridotites and ophiolite fragments are locally present, especially to the north of the Lustdust property (Soregaroli, 1999, Schiarizza and MacIntyre, 1999).

Although some rock units are locally metamorphosed to blueschist facies, the overall metamorphic grade throughout the area is low. The argillites and cherts are typical, fine-grained, thinly bedded deep-marine sediments (Monger, 1977). The volcanic rocks are tholeiitic and include andesitic to basaltic tuffs, flow-breccias, and pillow basalts - all of oceanic affinity. The

TABLE 3

EXPLORATION HISTORY SYNOPSIS

Year	Operator	Claims	Zone	Work Performed
1944		Wow #1	1	Zone 1 discovered and staked
1945	McKee Gp.	Wow #1	1	trenching, 106.7 m of drilling
	Leta Expl. Ltd.			
1952-	Bralorne	Wow 1, MV1	1,2,3	5306 m of trenching,
1954	Mines Ltd.	MV2, M	4b	1429 m of drilling
1960	Noranda Canex		"	7 rock cuts, 34 test pits, 200m hand
				and 1508m cat trenching
1963	Bralorne	Wow #1	1	sampling
1964	Takla Silver	Wow #1	1	229 m of drifting
	Mines Ltd.			
1966	"	Wow #1	1	229 m of underground ddh
1968	"	Wow #1	1	1337 m of surface and 573 m of
	Anchor Mines Ltd.			underground ddh, 90 kg bulk sample
1978	Granby	MV1,2	1, 2,	Pulse EM, surface ddh
	Mining Corp	K,L,M	3, 4b	
1980	"	L,M	1, 2,	airborne mag, VLF, ground mag, VLF
			3, 4b	soil survey, 2 ddhs
1981	Noranda	L,M	4b	8 ddhs (7 wildcat)
	Expln. Co.			soil sampling and property mapping
1986	Welcome	Wow 1, MV	1, 3	sampling
	North Mines Ltd.	L, M	4b	
1986	Pioneer	Wow 1	1,2,	geological survey
	Metals	MV1, M	3, 4b	
1991	Alpha Gold	MV1	3	906.6m of drilling in 10 holes
1992	Alpha Gold	L, M	4b	trenching, 1520m of drilling in 30 holes
1993	Alpha Gold	L, M	4b	24 ddhs
1996	Teck Expl'n.		2,3,4b,4	geology, soils, trenching
1997	Teck Expl'n.		2,3,4b,4	soil sampling, 3062.8 m drilling in 16 holes
1998	Alpha Gold		1, 2, 3	1,103m of drilling in 14 ddhs
1999	Alpha Gold		3, 4b	3050m drilling in 18 holes, trenching CCS
2000	Alpha Gold		CCS	4680m drilling in 29 holes.
2001	Alpha Gold		CCS, Mo	Porphyry Mo-Cu: 2945 m in 10 holes
				CCS: 2664 m in 8 holes
2002	Alpha Gold	L,M	CCS	7790.4 m in 19 NQ boreholes.
2003	Alpha Gold	C.G's, L, M	CCS,1,3	7,908 m in 42 NQ boreholes
				37 km soil geochemistry
2004	Alpha Gold	L,M	CCS,3	6010 m in 21 NQ holes
				724 B horizon soil samples



Legend

- Early Cretaceous Mitchell & MacDonald-Embryo L. batholiths
- Early Cretaceous Germansen Batholith
- Late Triassic to Early Cretaceous composite Hogem Batholith
- Middle Jurassic Spike Peak intrusive suite
- Late Permian to Early Triassic Sitlika Assemblage diorite
- Undifferentiated supracrustal rocks
- Lustdust pophyry-skarn-manto system
- Alkalic Porphyry occurrences
- Pinchi Fault (Cache Ck.-Quesnellia terrane boundary)
- Stikinia-Cache Ck. terrane boundary
- Road

Figure 3: Location map of Lustdust property showing major intrusions and Terranes. Geology simplified from The MapPlace. (from: Ray and Webster, in progress)

carbonates are dominated by bioclastic to micritic and algal-bound shallow-water facies limestones, interpreted to have been deposited in a carbonate bank or reef environment (Monger, et al, 1991). Regional studies have emphasized the observation that contacts between most of the different lithologies are abrupt and probably are faults. However, detailed studies, executed close to Lustdust (Sano and Struick, 1997), have found limestone conglomerate and sandstones with volcanic fragments, and limestone fragments within the argillite-chert section. Similar relationships are seen in core at Lustdust and locally show uninterrupted gradation from massive limestones to mafic volcanic dominated successions.

The entire package is folded with a well-developed axial planar foliation with a north-northwest strike trend typical of the entire Intermontane Belt in which the Cache Creek Terrane lies (Gabrielse and Yorath, 1992). A wide range of Jurassic to Tertiary intrusions cuts the Cache Creek Assemblage and many of these are emplaced along the prominent NW-trending structures and stratigraphic breaks. Numerous mercury occurrences are present along the length of the Pinchi Fault (Albino, 1987) and a few gold and base metal occurrences are present within Cache Creek rocks near the Pinchi fault including the Lustdust, Indata and Axelgold properties. There are at least two alkalic gold-copper Porphyry systems in the immediate Lustdust area: J49 and Axel Properties (Schiarrizza, 2000).

7.2 Lustdust Property Geology: Summary

The Lustdust property is underlain entirely by Permian Cache Creek units that form upright to overturned asymmetrical, west-dipping, north-plunging folds. These folds parallel the north-northwest trending Pinchi fault that lies along the eastern property boundary. The stratigraphy strikes N-NW with generally vertical to moderate westerly dips. Very little bedding is preserved and structural information is rare except in road cuts. The explored part of the property is dominated by a variety of intrusions which cut carbonate rocks interbedded with graphitic and calcareous phyllites, cherts, cherty argillites, and mafic tuffs (Figure 4).

A composite intrusive center and linear dyke array, the “Glover Porphyry”, occurs in the northwest and western portions of the explored part of the property. The stock is well-zoned and includes rocks ranging from mafic to felsic in composition. Pervasiveness of biotite hornfels and skarn increases towards the stock (Evans, 1998). Some of the intrusive phases contain significant amounts of magnetite and appear to be responsible for the large magnetic anomaly shown on published regional maps and in Alpha's 2000 ground-magnetics survey (Butler and Jarvis, 2000). Geochemical analyses, of several different intrusive phases, indicate that

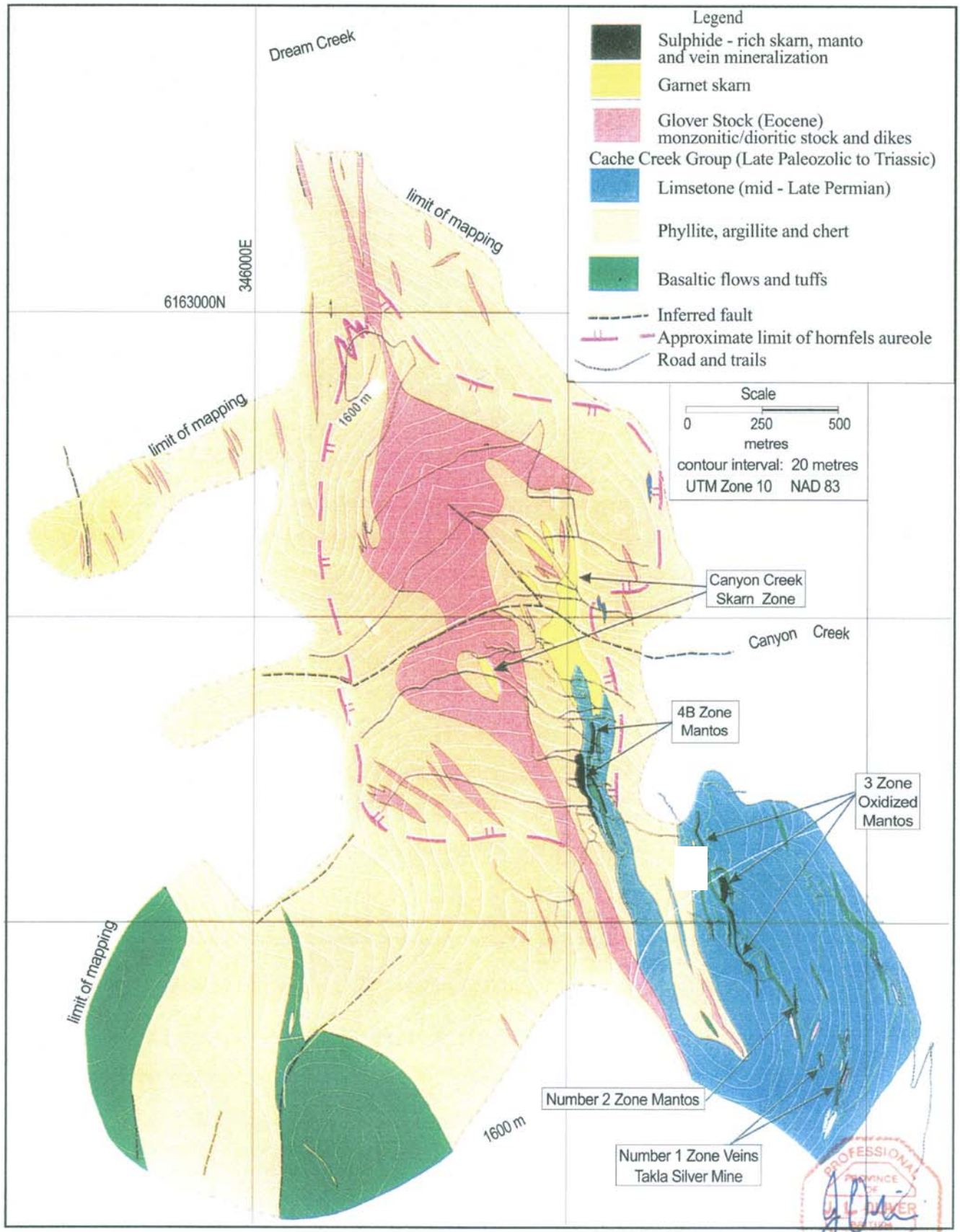


Figure 4. Generalized Compilation Geology of the Lustdust Property from (Ray et al, 2002)

some have borderline alkalic composition similar to intrusions related to Au-Cu porphyry deposits elsewhere in the region, including the “Babine Intrusions”. Others have calc-alkaline compositions typical of B.C. copper skarns (Ray and Webster, 1997).

Several styles of mineralization are present on the property that appear zonally related to each other. From most proximal to distal these are:

1. **Molybdenum-Copper-Gold Porphyry-style mineralization** consisting of quartz-K-spar, pyrite, molybdenite and/or chalcopyrite veinlets associated with potassic, sericitic, and propylitic alteration in intrusive rocks (Glover Porphyry).
2. **Multi-stage Garnet-Diopside skarn** cut by Cu-Au-Ag-Zn bearing structures with surrounding dispersed Cu-Au mineralization (Canyon Creek Skarn).
3. Structurally and stratigraphically controlled **massive sulfide Zn, Au, Pb, Ag, Cu replacement bodies** [CRD] (4b, 3, and 2 Zones) and their oxidized equivalents.
4. **Sulfosalt-rich veins** (Zone 1) which follow faults and are strongly associated with fine-grained, linear, felsic dykes containing high values of Au, Ag, Pb, Zn, Sb and Mn.

7.3 Supracrustal Rocks

Interpretations of primary stratigraphy are challenged by the strong regional deformation imposed on these rocks. In the area of extensive drilling of the 4b and Canyon Creek Skarn zones, several coherent rock panels may be described as follows:

1. Hanging-wall assemblages to the Canyon Creek Skarn are dominated by a sequence of thinly compositionally laminated, siliceous and/or argillaceous phyllites often with strong biotite compositional layers. These rocks are interpreted as ribbon cherts by British Columbia Geological Survey geologists with extensive regional experience. The argillaceous, clastic component, of the these rocks may increase towards the skarn – calc silicate horizon, particularly to the south towards the 4b zone.
2. Skarn assemblages are developed in weakly compositionally-layered limestones, in calcareous mafic tuffs, or rarely in siliceous phyllites.
3. Footwall assemblages to the Canyon Creek Skarn are dominated by rocks which are typically described as cherty argillites and/or cherts. Rocks in the footwall are similar to hangingwall rocks but qualitatively appear to have a higher proportion of quartz compositional layers and decreased biotite lamella.

Stratigraphic units are more fully described below:

Limestone (LS)	Light to medium grey, sucrosic, recrystallized limestone, locally with weak styloitic cleavages. These rocks bleach to off-white adjacent to skarn fronts. They may contain numerous internal horizons of both dark grey clastic beds and mafic tuffaceous horizons.
Calcareous Phyllite (CP)	Dark grey-brown, argillaceous interbeds are intercalated with thin, cm scale, calcareous lamella.
Calcite Knot Limestone (Lcs)	Calcite knot limestones may contain either white cm scale calcite aggregates within a darker grey matrix, or they may be a gradational unit to mafic tuffs where10-30% oval to cuspate calcite clasts are supported by a strongly calcareous, light to medium green matrix.
Siliceous Phyllite (SP)	These rocks are defined by compositional layers formed by alternating foliation parallel biotite +/- lesser white micas, with quartz compositional layers. The protolith of these rocks is interpreted, by many workers, as ribbon cherts.
Chert (C)	With an increase in quartz content, to greater than 75% rock volume, the rocks are logged as cherts. Minor increases in biotite compositional layers may shift these rocks into a phyllitic chert (PC) field.
Argillite (A)	Argillite is a composite unit that includes a wide range of fine-grained, essentially non-calcareous, carbonaceous, thinly bedded sedimentary rocks. It includes argillites (A), cherty argillites (CA), thinly bedded cherts, carbonaceous argillites (CA). Graphitic layers are common throughout. Locally, the thinly bedded units contain fine-grained, continuous pyrite or pyrrhotite layers that appear to be part of the original sediments. As with all supracrustal rocks, these units are strongly deformed.
Mafic Tuffs (MT)	Mafic tuffs are well-foliated and often well compositionally layered dark green, to green and white mottled rocks with highly chloritic and locally calcitic matrices. The chlorite is interpreted to result from alteration of mafic-intermediate tuffaceous materials. 1-30 cm limestone fragments are the

dominant clasts**,** but fragments of intermediate and mafic volcanic rocks are also present. These rocks contain up to 2% finely disseminated pyrite and/or pyrrhotite and are geochemically anomalous for Pb, Zn, and Cu. Grading in limestone fragment size is common. Evans (1997, 1998) believed that there was only one mafic tuff unit and that it was a good marker bed. Previous fieldwork and core logging show that there are multiple mafic tuff units in the section and they show enough lateral variation that their utility as marker beds may be limited.

7.4 Intrusive Rocks

Mineralization throughout the Lustdust property shows a close association with the Glover Porphyry - a composite intrusive complex consisting of stocks and dikes ranging from diorite to monzonite to rhyodacite. Cu-Au skarn forms abundantly along stock and dike contacts (and replaces these rocks) and Zn-Au-Pb-Ag-Cu replacement mineralization is locally well developed along dike margins at more distal locales. Overall, mineralization shows zonation relative to the inferred center of the Glover Porphyry complex. Some of the compositional variations can be attributed to potassic alteration and silicification, which change the original intrusive composition and appearance in hand specimen, but the majority of the phase differences are real. Intrusive rock units include:

Monzonite (M)	A medium-grained equigranular to weakly porphyritic rock composed of plagioclase>K-feldspar, abundant elongate hornblende and euhedral biotite. Quartz is present, but in minor amounts. This unit crops out extensively as dikes throughout the southern and southwestern area, and the dikes seem to widen towards the 4b Zone. These dikes locally host replacement mineralization along their flanks.
Megacrystic Monzonite (Mp)	This intrusive phase is defined by the presence of very strongly plagioclase +/- quartz porphyritic monzonites. Contacts of these rocks with finer grained phases may be gradational.

Quartz Monzonite (QM)	These rocks contain 10 -15% free quartz as discrete mm scale phenocrysts. The rock is also hornblende and biotite porphyritic and may be beginning to shift into a granodiorite field.
Diorite (D)	Diorites are fine to medium-grained, medium to dark gray-green and composed of plagioclase, biotite and hornblende phenocrysts. Accessory magnetite is locally abundant. The phases are distinguished largely on the presence and the abundance of biotite and hornblende. This distinction can be difficult to make in the finer-grained units where potassic alteration has replaced the hornblendes with secondary biotite. Color is determined by mafic phenocryst content and the degree of chloritic alteration.
Monzodiorite (MD)	A shift to increased percentages of fine-grained matrix plagioclase and a decrease in mafic phases, hornblende and biotite are the characteristics of this unit. Free quartz is not identified.
Felsic Dykes (Fd)	Felsic dykes occur across the property. These are weakly porphyritic felsic rocks with sparse to prominent 1-3 mm quartz and feldspar phenocrysts set in a sugary fine-grained matrix of quartz and feldspar. They are locally well flow-banded with banding generally parallel to their overall orientation. Felsic dykes are often pervasively argillically altered or silicified making them difficult to distinguish from altered fine-grained monzonite. Felsic dykes in the Number 1 Zone commonly have vein mineralization along one or both contacts.
Felsic Dykes (Fpd) Plagioclase Porphyritic	Distinctive elongate, sericitized feldspar phenocrysts are abundant within this rock matrix and may exceed 35% rock volume. The rock also contains 5-8% coarse quartz phenocrysts.
Mafic Dykes (Bd)	Medium to fine-grained, undifferentiated mafic dykes.
Ultramafics (UM)	Green to dark black, uralitically altered, ultramafic intrusions. In their unaltered state, the intrusions are likely pyroxenites. Elevated interstitial magnetite is common. Pyrrhotite is locally noted. The intrusions

likely trace major strands of the Pinchi Fault. True brittle-ductile fabrics are common within these intrusions.

7.5 Structure:

Rocks underlying the Lustdust property have experienced multiple deformational events. In the absence of geochronological data, definitive age relations between these events are difficult to establish. However, overall map patterns, rock fabrics and discordant rock fabrics in drill core suggest that at least two penetrative deformational processes, D1 and D2, have influenced the current map pattern.

The development of a pronounced planar S1 fabric, often co-planar to bedding and primary compositional layers, defines an early D1, deformational process. These fabrics are most likely axial planar to the tight to isoclinal, upright to west overturned, east-verging folds. The data of Ray et al., (2002) suggests these folds plunge approximately 40-50° to the north-northwest. The distribution of bedrock lithology has been profoundly influenced by this event.

The rotation of S1 fabrics is evidence for post D1 processes. Although S1 fabrics are clearly rotated, S2 penetrative foliations are weakly developed and may be measured in only very selective core and rock samples. Ray et al. (2002) suggest that D2 folds have similar orientations to D1 folds, but tend to be slightly more open, and have shallower, 20° northwest plunges.

Regionally, folds in the Cache Creek assemblage are typically open (Schiarizza and McIntyre, 1999), but on the Lustdust property folds are generally asymmetrical and overturned with short, shallow, west-dipping western limbs and long, steep, west-dipping eastern limbs. Locally they are isoclinal. Tight folding is likely due to buttressing against the Pinchi Fault, which is believed to have originally been a major thrust fault (Paterson, 1977). Where observed, these folds have a 10-60 degree N-NW plunge and minor axial plane shears are common. The noses of antiforms are structurally thickened and fractured zones favorable for manto mineralization (Evans, 1998; Megaw, 1999).

The entire property has a strong NW-trending, grain reflecting bedding, tight asymmetric folding, and bedding plane faults. This structural fabric closely controls intrusive emplacement and most of the dykes of the Glover stock are strongly elongated along this N-NW structural grain. The most important, and consistent, fault structures demonstrated in drill core are roughly coplanar to bedding. Some of these faults have the appearance of early east verging reverse faults, which are largely

lithologically controlled and mostly identified in the immediate hangingwall to the Canyon Creek Skarn. These faults may be rotated into slightly steeper positions by latter extension faults.

The strongest and most strike discordant structural zone on the property is the structural zone and dyke system which hosts the Number 1 veins. This mineralized fault structure has a nearly north-south strike and moderate to steep west dip. In marked contrast, all structures, including lithology and major skarn bodies on the Lustdust property have strike relationships which average 150° to 160° and steep westerly dips.

Compilation of the sub-surface data with the surface geological plans suggests that right stepping lithologic offsets, which occur both to the north and south of Canyon Creek, are related to fold vergance effects - an east verging, right stepping antiform - rather than a fault related offset.

Mapping of carbonates on a property-wide scale (Evans 1997; 1998) shows a wide outcrop band in the southern portion of the property that appears to decrease in width to the north, largely disappearing at Canyon Creek. This may be an artifact of limited outcrop exposures as integration of the subsurface information from drilling suggests the northern continuity of the most easterly limestone package may be significantly better than initially interpreted (Figure 4). The limestone is asymmetrically folded and plunges north at 15-20°.

8.0 DEPOSIT TYPES

Carbonate replacement deposits (CRD) typically grade from lenticular or podiform bodies developed along stock, dike, or sill contacts to elongate-tabular bodies referred to as chimneys and/or mantos depending on their orientation. Limestone, dolomite and dolomitized limestones are the major host rocks. Ores grade outward from sulfide-rich skarns associated with unmineralized or porphyry-type intrusive bodies to essentially 100% polymetallic massive sulfide bodies. Both sulfide and skarn contacts with carbonate host rocks are razor sharp, and evidence for replacement greatly outweighs evidence for open-space filling or syngenetic deposition (Titley & Megaw, 1985). In reduced, high to low-temperature systems, proximal to distal metal zoning generally follows: Cu (Au, W, Mo), Cu-Zn (Ag), Zn-Pb-Ag, Pb-Ag, Mn-Ag, Mn, and Hg. This zoning may be very subtle and large scale (Prescott,1916; Morris, 1968) or tightly telescoped and smaller scale (Graf, 1997).

Many different features of CRDs tend to be well-zoned at district, deposit and hand-sample scales. The most important zonations are: 1) Ore and gangue mineralogy and metal contents; 2) Orebody geometry; 3) Intrusive geometry and composition; 4) Structural controls on mineralization; 5) Alteration; and 6)

Isotopic characteristics of wallrocks. In general, the largest systems show the best-developed zoning and repetition of zoning and paragenesis. Zoning tends to be most extensive in the elongate manto and chimney systems where individual zones may extend over kilometers vertically and laterally (1998). Zoning in large contact skarn systems is typically more compressed because of telescoping and repeated overprinting (Graf, 1997). In all cases, multi-phase mineralization is a reliable indicator of large systems.

CRD mineralization is associated with polyphase intrusions that evolve from early intermediate phases towards late, highly evolved felsic intrusions and related extrusive phases. The intrusions most closely related to mineralization are usually the most evolved phases and these are not exposed in many districts. Dikes and sills characterize the intermediate reaches of CRDs and there is often evidence for multiple dike/sill emplacement events. These intrusions may be compositionally homogeneous or there may be compositional evolution between dike/sill phases (Graf, 1997). Textures range from porphyritic to aphanitic, locally with narrow gradations between textural domains. Chimney and replacement veins are the most common orebody types associated with these intrusions, although mantos locally occur along sill contacts. Intrusive stocks commonly occur beneath or adjacent to the most proximal portions of CRD systems, although in many cases they do not crop out. Where intrusions are exposed, they are generally less than 5 km^2 in areal extent. These stocks are generally polyphase with compositions grading from early diorite to late granite. Texturally, these intrusions range from equigranular to porphyritic and from massive to highly fractured. The central stocks may be barren, contain porphyry copper or molybdenum systems, or have marginal zones with porphyry copper or molybdenum affinities (Megaw, 1998). In many systems, the early phases of the intrusion have associated skarnoid or barren skarn, whereas skarn and ore mineralization are related to later, more highly differentiated phases (Meinert, 1995 and 1999; Graf, 1997; Megaw et al., 1998).

Structural fabrics are the dominant control on mineralization in CRDs, as they control intrusion emplacement and channel ore fluids into favorable host strata. Most CRDs lie in fold-thrust belts on major structural domes, arches, anticlines, synclines or homoclines, and most districts have structural grains controlled by faulting and fracturing related to regional deformation (Megaw et al. 1988). Orebodies are often elongate with parallel, district-wide structural trends, but may not be restricted to a given structure over great lengths.

The gradations seen in single orebodies or districts suggest that the various manifestations of the deposit type can be considered part of a spectrum (Einaudi et al. 1982; Megaw et al. 1988; Titley, 1993) ranging from:

1. Stock contact skarns: formed against either barren or productive stocks
2. Dike and sill contact skarns
3. Dike and sill contact massive sulfide deposits
4. Massive sulfide chimneys
5. Massive sulfide mantos
6. Epithermal veins

Several features make CRDs highly desirable mining targets including: **1) Size-** CRDs average 10-13 million tons of ore and the largest range up to >50 million tons; 2**) Grade-**ores are typically polymetallic with metal contents ranging from 2-12% Pb, 2-18% Zn, 60-600 g/T Ag, Tr-2% Cu and Tr-6 g/T Au. Many have by-product credits for Cd, W, In, Ga, Ge, Bi, and S; 3**) Deposit morphology-** orebodies show good continuity; **4) Extraction and Beneficiation-** CRDs are typically metallurgically docile, amenable to low-cost mining methods, and the environmental footprint is minimal.

Massive sulfide bodies lacking an associated intrusion characterize the distal zones of CRDs. These commonly have the form of high angle to vertical slab-like replacement veins; elongate pipe-like chimneys; or low angle to horizontal tabular or elongate, tongue-shaped, crudely stratabound mantos. Mantos may be developed entirely within selected beds or groups of carbonate beds, or may occur with one or more non-reactive, relatively impermeable sedimentary or intrusive rock contacts.

Development of carbonate rock alteration in CRDs, like mineralization, is highly variable in type and in scale. The major alteration types are:

1. Skarnoid or hornfels: These are typically very fine-grained, mineralogically simple, calc-silicate and silicate assemblages formed through thermal metamorphism without significant addition of outside components. Skarnoid typically forms from a limestone or shaly limestone precursor, whereas hornfels forms from shale or limy shale precursors. Hornfels and skarnoid commonly develop in the thermal aureole around the largest volume (often early) intrusive phase and may aid in ground preparation for later metasomatic events. Hornfels mineralogy may be zoned with respect to the thermal center, commonly with pyroxenes proximal and biotite more distal. Skarnoid and hornfels often contain abundant fine-grained pyrite or pyrrhotite, but seldom significant amounts of ore-metal sulfides unless it has been overprinted by subsequent hydrothermal events.

2. Skarn: Skarns are fine to very coarse-grained, often mineralogically complex, calc-silicate or calcic-iron silicate assemblages formed through metasomatism with significant addition of outside components. **Endoskarn** is skarn formed at the expense of intrusive rock, **exoskarn** is skarn formed at the

expense of wallrocks to the intrusion, most commonly carbonates. Skarn commonly develops around lesser volume, more fluid-rich intrusive phases and may overprint hornfels or skarnoid to varying degrees. Anhydrous calc-silicate minerals (dominantly pyroxenes and garnets) characterize the early **"prograde"** skarn phase generated during rising temperatures related to magma emplacement. Hydrous calc-silicate minerals (dominantly amphiboles, chlorites, and clays) formed at the expense of predecessor prograde minerals characterize the later **"retrograde"** skarn assemblage. Retrograding occurs as temperatures drop and variable amounts of magmatic fluids and groundwater invade the skarn zone. Sulfides may be co-deposited with the calc-silicates, but more commonly are introduced along structures that cut the skarn, replacing skarn minerals and unskarned wallrocks. Complex mineralized skarn systems typically show multiple intrusive phases and a repetition of sulfides replacing calc-silicates, presumably reflecting successive intrusive and hydrothermal events. In some systems, different compositions of skarn and sulfides characterize each phase (Megaw et al., 1998).

3. Marbelization and recrystallization: These are present in virtually all CRD systems and range from narrow zones around mineralization to zones 100s of meters wide (Titley & Megaw 1985; Megaw et al. 1988).

4. Silicification or Jasperoid development: Fine-grained silica replacements of carbonate rocks, with or without appreciable amounts of metals, and are very common in the peripheries of some CRD systems (Titley & Megaw 1985; Megaw et al. 1988).

9.0 MINERALIZATION:

9.1 General

The Lustdust porphyry-skarn-replacement system is at least 3000 m long and 1000 m wide (Figure 4). The property is systematically zoned from a Mo-Cu-Au Porphyry system to Cu-skarn to Zn-replacement mantos to Ag-Pb-Zn replacement veins developed along en echelon mineralized zones extending away from the porphyry. The entire Lustdust system, outboard of the porphyry, is auriferous (0.5 to >1 g/T Au values are common) and associated with a minimum of three mineralized skarn horizons.

The Canyon Creek Skarn is now known to be zoned over at least 500 m vertically and increasingly shows the polyphase intrusive and mineralization characteristics typical of Cu-Zn skarn-replacement systems throughout the American Cordillera, such as San Martin, Zacatecas, Mexico and Antamina, Peru. So far, despite widespread anomalous values, no significant volumes of porphyry-style mineralization with economic grades have been found.

Principle characteristics of the main mineralized zones may be summarized as follows:

9.2 Zn-Pb-As-Sb Vein Zone: Number 1 Zone

The Number 1 Zone, located at the southern end of the property, was the site of the 1944 discovery of mineralization on the property. Here, the limestone and graphitic phyllites are cut by numerous monzonite and felsic dikes. Sulfosalt veins composed of nearly massive pyrite, sphalerite, galena, jamesonite, stibnite, arsenopyrite and freibergite with lesser open-space filling quartz and calcite occur both within the sedimentary rocks and along dike contacts. Dunne and Ray (2002) also report traces of very fine-grained calc-silicates in these bodies. Three separate veins have been recognized, all of which appear to dip steeply west. Felsic dikes are closely related to all three veins, but the veins do extend beyond the dikes in many places. The Number 1 Zone has the strongest structural control of any occurrence on this property. The presence of a regional antiformal crest is likely to be important to the development of significant mineralized zones as is the main fault structure.

Argentiferous Manganese Oxide Mineralization (AMOM) occurs throughout the Number 1-Zone. AMOM is a typical distal alteration product in certain major CRD systems (Megaw, 1998) and the Number 1 Zone is strongly anomalous in Mn (Evans, 1997). Based on inclusion chemistry and mineralogic relationships, Dunn and Ray (2002) suggested that the mineralization in this zone might be related to high sulphidation-type veins. However, the alteration mineralogy and textures of quartz and other gangue minerals do not support the high sulphidation model for these veins.

The principal vein was explored by underground drifting and drilling in the 1945 and 1964-65 seasons. The three ore-shoots (minimum 2 m true widths) above the adit level were reported to grade 3.6 g/t Au, 780 g/t Ag, and 5% combined Pb and Zn with 5% Sb. Historic drilling had notoriously bad recovery problems, so in many cases grade was not reported for potentially significant intersections. Compilation of all available data during the 2003 exploration season clearly indicated that the currently known strike length of the Number 1 Fault exceeds 750 m with a significant mineralized zone developed over approximately 450 m.

9.3 Zn-Au-Ag-Pb CRD Mineralization: Number 2, 3, 3 Extension, and 4b-Zones

Mineralization in these zones consists of roughly stratigraphically concordant massive sulfide bodies ("mantos") and their oxidized

equivalents. The mantos are best developed along permeable and karsted (?) carbonate beds in close proximity to chlorite-altered mafic tuff beds. The mantos occur through the Number 2 to Number 4b Zones and appear to merge into the Canyon Creek Skarn Zone. Drilling results have failed to find substantial discordant chimney feeders to these mantos, although narrow feeders may have been hit locally (Megaw, 1999). The mantos occur dominantly in structurally thickened and deformed zones along the crests of antiforms. There is some evidence for nesting, or repetition, of mantos in successive limestone beds, giving an overall morphology reminiscent of the stacked "saddle-reef" mantos.

Number 2 Zone

The Number 2 Zone is a minor oxidized replacement zone similar to the Number 3 Zone. The Number 2 Zone is located very close to the crest of a regional antiform which lies just north of the Number 2 Zone trenches. Surface sampling indicates an average of 2.3 g/t Au, 109 g/t Ag, 2.16 % Zn and 2.09 % Pb across an average of 5.3 meters true width. This zone has a strike length, based on surface oxidation, of approximately 200 meters. Its continuity at depth is much more problematic as significant intersections have not been obtained from drill holes to date.

Number 3 Zone

The Number 3 Zone contains the largest identified CRD resource identified to date at Lustdust. It is thoroughly oxidized to depths of greater than 100 meters from the surface. The style of mineralization may be highly amenable to low cost heap-leach extraction processes.

The thickest portions of this manto zone occur in carbonates surrounding a mafic tuff bed along the crest of a regional-scale antiform. The manto may have the form of an oxidized saddle reef replacement body. Drilling has failed to find a feeder vertically beneath it, suggesting that it was probably fed from one end with fluid migration concentrated along the non-reactive tuff bed. Evans (1997) felt that the conduit for this system was down dip along the west limb of the antiform (possibly with a NW rake). This zone, based on the trace of oxidation exposed in surface trenches, has a strike length exceeding 600 meters. The Number 3 zone appears to weaken to the south, south of the Number 2 Zone trenches. The northern extension of the Number 3 Zone has received very limited exploration, as has the down dip extensions to this mineralization.

Number 4b Zone

The Number 4b Zone CRD manto is developed along the 4b Antiform, a tight fold, with 60-degree west dips and a 10-15 degree plunge to the NW.

The trace of this fold lies some 300 meters to the west of the Number 3 Zone antiform. The two zones are linked by a north-northwest plunging synform. Mineralization occurs as a series of aligned, discontinuous (?) massive sulfide pods (with sparse calc-silicate minerals) following the crest of the fold and also along the contact between limestone on the east and hornfelsed graphitic phyllites to the west. A mafic tuff horizon within the limestone appears to be a major conduit for fluid movement, as is seen in the Number 3 Zone. The 4b Zone is, however, essentially unoxidized: sphalerite, arsenopyrite, coarse-grained well-zoned pyrrhotite, and pyrite are prominently displayed in surface trenches along the zone.

9.4 Canyon Creek Skarn (Number 4 Zone)

The Canyon Creek Skarn [CCS] or the Number 4 Zone, is the skarn-replacement zone lying north of the 4b Zone. The discovery of this skarn is recent enough that it was not included in Ray and Dawson's (1998) compilation on B.C. skarns. Prior to the 2001 season, this zone had been cut by 41 drill holes (97-9, 10, and 11; LD99-03 through 12; and LD00-02 through 29) and a few trenches (Evans, 1997, 1998; Megaw 1999, 2000). A high percentage of the pre-2001 holes in skarn intercept high-grade Cu-Au mineralization along structures cutting garnet-pyroxene skarn. Some of these mineralized structures were surrounded by zones of dispersed mineralization a few meters wide (Megaw, 1999; 2000).

At shallow levels, the skarn is composed of early coarse-grained green-tan grossular-andradite garnet with minor fine-grained greenish-yellow diopside and rare vesuvianite or pyroxene (Ray et al., 2002). Specularite is locally very common as euhedral plates. At depth, a brown garnet stage crosscuts and overprints the green stage, and at even greater depths, a red-brown garnet stage appears (Megaw, 1999). These minerals replace massive limestone and locally replace intrusives (endoskarn). Drilling in 2001 showed that endoskarn increases with depth (cf. LD01-44, 45). Biotite hornfelsed siliceous phyllite is also overprinted by skarn, especially on the north side of Canyon Creek. Mafic tuff units are altered to distinctive green, banded chlorite-garnet units with 5-15% disseminated pyrite and trace chalcopyrite and sphalerite.

Retrograde hydration of the garnet-diopside skarn also increases with depth. In the retrograde zones, the brown-red, brown and green garnet stages are hydrated to a cream-colored mass of very fine-grained amphibole, chlorite, quartz, and clays or dark grayish-green masses of felted chlorite, locally preserving the shapes of dodecahedral garnet crystals. Retrograde alteration is often accompanied by a dramatic increase in magnetite, both as fine-grained masses and as pseudomorphs after bladed specularite, and increased amounts of chalcopyrite (Megaw, 2000, Ray et al., 2002)

Mineralization in the skarn occurs as Ag and Au-bearing chalcopyrite and bornite with abundant pyrite, variable sphalerite, and rare arsenopyrite and stibnite emplaced along and surrounding structures that cut the skarn (Megaw, 1999). Much of the sulfide replaces skarn silicates. Numerous stages of sulfide mineralization are identified as:

1. Chalcopyrite deposited in interstices and along garnet grain boundaries.
2. Early pyrrhotite (often later pseudomorphed to pyrite) with minor chalcopyrite and locally intergrown with sphalerite.
3. Pyrite or pyrrhotite (pseudomorphed to pyrite) that is brecciated and healed with later sphalerite or replaced by chalcopyrite.
4. Massive to dispersed, banded and chaotic chalcopyrite along structures and replacing adjoining skarn.
5. Magnetite with interstitial chalcopyrite and/or sphalerite, pyrite or pyrrhotite.
6. Sphalerite with chalcopyrite cut by later pyrite veinlets.
7. Massive sphalerite, brecciated and healed by chalcopyrite and sphalerite.
8. Mineralized skarn, brecciated and healed with epithermal style chalcedonic quartz.
9. Calcite veins filled with Au sulfides/sulfosalts cutting skarn.

The skarn silicates tend to end abruptly and massive sphalerite-chalcopyrite-pyrite-pyrrhotite mineralization is locally well-developed along the contact of skarn with recrystallized limestone (marble front). It is near this front that the very high-grade gold grades associated with the 2002 drilling have been recognized (Oliver, 2002). High-grade gold and sulphide-rich replacement bodies may be considered transitional mineralization between the skarn and 4b style of replacement mineralization.

10.0 2004 EXPLORATION PROGRAM

The 2004 exploration program was directed toward expanding the known geological resource on the Lustdust property by:

1. Drill testing geochemical targets on-strike to the north-northwest of the Canyon Creek Skarn.

2. Drill testing the continuity of the Canyon Creek Skarn footwall zone.

3. Drill testing the hypothesis that the “synformal roll” (Oliver, 2003), associated with high grade mineralization in the Canyon Creek Skarn, plunges to the north-northwest.

4. Following-up the 2003 drill intersections in the Number 3 Zone by drilling along strike to the north-northwest of DDH 3-27.

5. Improving core recoveries from the Number 3 Zone.

6. Drill testing the Number 3 Extension Zone down-dip.

7. Conducting B horizon soil geochemistry surveys north and east of the Canyon Creek Skarn, and on the west side of the Glover Intrusive Complex.

11.0 DIAMOND DRILLING PROGRAM

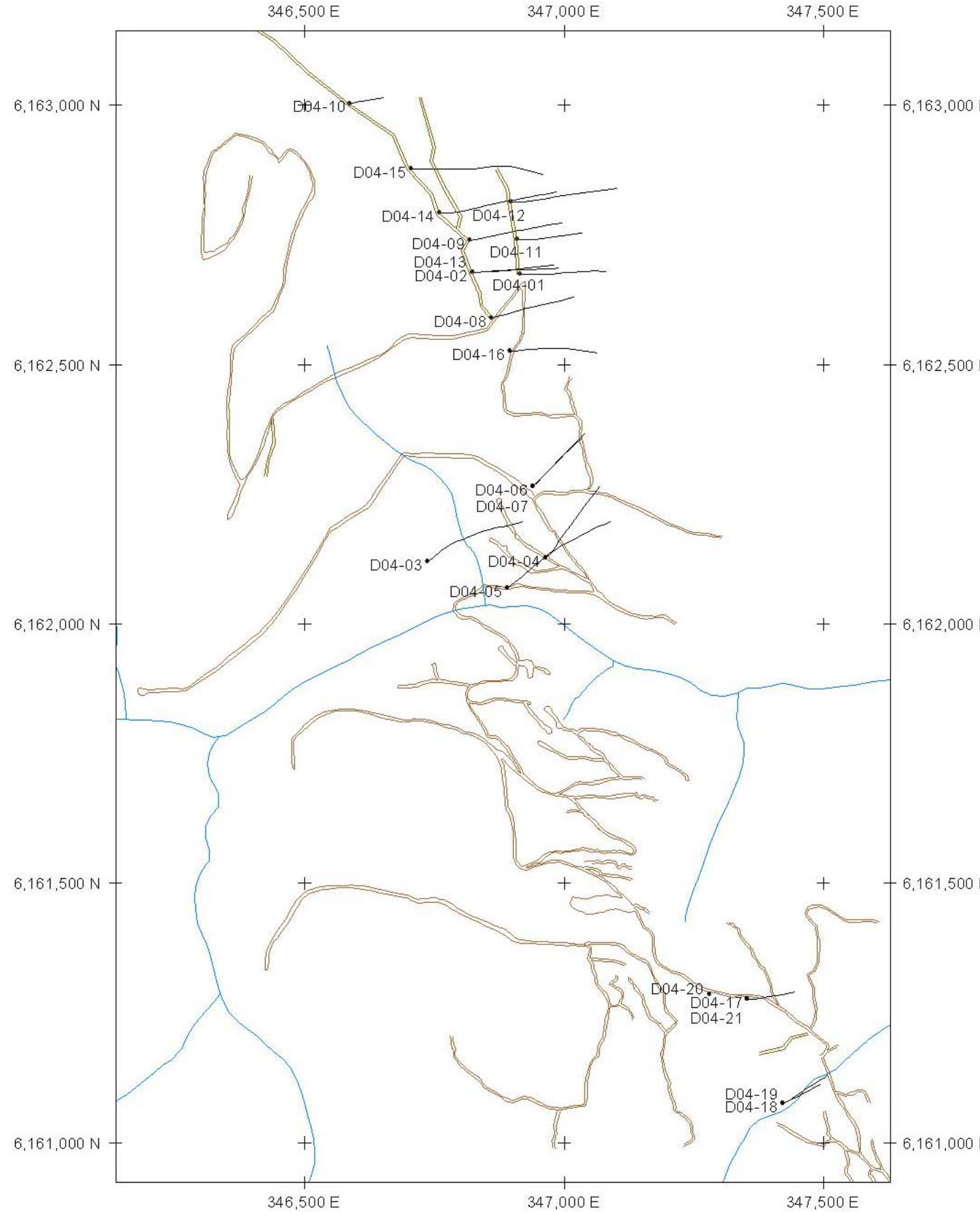
The diamond drilling program utilized a Longyear 38, skid-mounted drill under contract from Britton Bros. Diamond Drilling Ltd. (Britton) based in Smithers, B.C. Drilling was undertaken using regular wireline equipment with the exception of LD04-18 where a triple tube and face-discharge bits were used in an attempt to get better core recoveries from the heavily oxidized massive sulphides.

Access to the drill sites utilized the extensive network of trails existing on the property. New access and drill pads were constructed using an excavator. Upon completion of each hole the collar was identified with a labeled pole.

In total 6,010.1 meters of NQ core, distributed among 21 holes, were drilled in the 2004 Lustdust exploration program. Collar locations and projected traces for these boreholes are plotted on Figure 5. Core was logged on site by Daryl J. Hanson, P.Eng. All lithologic, assay, survey and RQD logs are compiled and presented in digital form on Compact Disc 1 (CD 1). Tabulated assay data for gold, silver, arsenic, copper, zinc and core recovery for all boreholes is compiled and presented in Appendix I. The RQD was the only geotechnical data collected. Digital photographs of the core (except for 04-06, 04-07, 04-08 and 04-09 which were accidentally deleted) are also compiled on CD 1.

Drill hole collars and new access trails were surveyed by Nex Tech of Fort St. James using a GPS system operating in differential mode. In this mode, precision of the UTM location was determined to be less than 3.0 meters while the vertical precision was determined to be less than 4.0 meters. A summary of survey information, including UTM collar co-ordinates, elevation, azimuth, dip and total depth is presented in Table 4. Elevations of drill collars may locally appear discordant to topography on cross sections as drill hole elevations are based on the differentially corrected GPS data while cross sectional topography

Figure 5



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is based on the British Columbia Government 1:20,000 scale trim maps with an estimated vertical accuracy of +/- 10 meters.

The attitude of the collar was measured using a Brunton compass with a declination of 23° while down-hole surveys were conducted using a Sperry Sun single shot instrument. Down-hole readings were taken at approximately 45 meter (150 ft.) intervals in all holes except for rare instances when the Sperry Sun was unavailable due to mechanical or electrical problems. It should be noted that the Sperry Sun readings can be influenced by magnetic minerals and that the holes drilled prior to 2002 were not down-hole surveyed.

TABLE 4
2004 DRILL HOLE SUMMARY DATA

DDH-ID	UTM E	UTM N	ELEVATION	LENGTH	AZIMUTH	DIP
04-01	346912.90	6162674.42	1451.27	252.1	85.00	-56.00
04-02	346820.53	6162677.68	1473.36	279.4	86.00	-55.00
04-03	346733.88	6162119.47	1366.39	593.7	50.00	-70.00
04-04	346962.51	6162127.09	1359.84	233.8	50.00	-45.00
04-05	346888.66	6162068.93	1331.28	438.0	53.00	-65.00
04-06	346937.51	6162264.32	1404.73	200.2	45.00	-45.00
04-07	346937.51	6162264.32	1404.73	297.8	45.00	-65.00
04-08	346857.79	6162589.72	1460.01	276.4	76.00	-55.00
04-09	346816.21	6162739.96	1476.81	279.5	86.00	-55.00
04-10	346585.36	6163003.40	1473.40	118.0	80.00	-55.00
04-11	346906.94	6162741.21	1446.47	203.3	90.00	-55.00
04-12	346895.19	6162813.19	1435.92	316.1	89.00	-55.00
04-13	346820.53	6162677.68	1473.36	419.7	87.00	-70.00
04-14	346757.48	6162791.74	1480.61	361.8	89.00	-55.00
04-15	346702.47	6162877.28	1475.33	402.5	92.00	-55.00
04-16	346893.36	6162525.76	1440.41	276.4	90.00	-55.00
04-17	347351.28	6161276.85	1475.27	133.9	90.00	-45.00
04-18	347419.69	6161074.82	1475.60	151.5	64.00	-45.00
04-19	347419.69	6161074.82	1475.60	189.6	64.00	-65.00
04-20	347277.91	6161286.06	1485.53	334.3	0.00	-90.00
04-21	347351.28	6161276.85	1475.27	252.1	0.00	-90.00

11.1 Core Sampling Procedures

Assay intervals were determined by the author at the time of logging. The intervals, ranging from 0.5 to 2.0 meters in length, were based on a combination of alteration, mineralogy, and lithology.

The core from each assay interval was split in half with a hydraulic core splitter. The splitting was done in a representative manner under the supervision of the author and there are no known biases in the samples. Half the core from each interval was double-bagged and the other half was returned to the core box for storage. Four-part tags were used to label the samples - two parts were sent to the laboratory, one part was stapled into the core box at the end of the sample interval and one part was retained in the sample book. Samples were stored in a secure

location on-site and then transported directly to the laboratory by Mr. R. Whatley, a director of Alpha Gold.

11.2 Core Sample Analyses

Samples were assayed at ALS Chemex Laboratories Ltd. in Vancouver, using a standard 34 element ICP package plus a 30 gram Au fire assay with an AA finish. Atomic Absorption analyses were performed on all over-limits Ag, Cu, Zn, and Pb samples. Over-limit Au samples were analyzed by a 30 gram fire assay with a gravimetric finish. A complete description of ALS Chemex analytical techniques for ICP-AES and assay procedures is presented in Appendix II and the Certificates of Analysis are attached as Appendix III. ALS Chemex is an ISO 9002 certified laboratory.

No specific gravity determinations were made during the 2004 program.

11.3 Data Verification

Standards and blanks were included in the sample stream every 20 samples as a measure of quality control. The ore reference standard used was CDN-CGS-2 prepared by CDN Resource Laboratories Ltd. of Delta, B.C. This standard has a recommended copper concentration value of 1.177 +/- 0.046% and a recommended gold concentration of 0.97 +/- 0.092 g/t with 95% confidence. A complete description of the origin, preparation and analysis of CDN-CGS-2 is attached as Appendix IV

The results of the analyses of standard and blank samples are shown in the assay logs (Appendix I). The arithmetic mean of 11 analyses of CDN-CGS-2 was 1.19% Cu and 0.918 g/t Au with a standard deviation of 0.02% for copper and 0.135 g/t for gold. The arithmetic mean of 10 blank analyses was 0.013% Cu and 0.008 g/t Au with a standard deviation of 0.005% for copper and 0.004 g/t for gold.

No duplicate samples were submitted to ALS Chemex and there were no duplicate analyses performed by other laboratories.

The author also checked the assay results for gross errors by cross-checking them with the lithologic log.

11.4 Reclamation

Upon completion of each hole the drill site was contoured using an excavator and seeded by hand with a roadside vegetation mix containing 20% Creeping Red Fescue, 20% Annual Ryegrass, 10% Perennial Ryegrass, 5% Kentucky Bluegrass, 18% Tall Fescue, 5% Orchard-grass,

10% Timothy, 2% White Clover, and 10% Single Cut Red Clover with the legumes inoculated. Felled timber around the site was limbed, lopped and either scattered or buried.

Felled timber along drill access trails was limbed, lopped and scattered and any exposed soil was seeded with the roadside vegetation mix. Water-bars were installed on the trails where appropriate.

All core boxes were labeled with metal tags, cross-stacked on logs pads, covered with plywood, and wrapped with chicken wire. Split boxes were stacked separately for easier access. The core is all stored on-site at the old Takla Silver Mine entrance.

11.5 Diamond Drilling Results: Canyon Creek Skarn Extension

LD04-01 intersected one mineralized, prograde skarn band from 125.1 to 129.7 meters and massive coarse grained pyrite with a trace of disseminated chalcopyrite and sphalerite from 119.6 to 125.1 meters within a thick sequence of phyllites The massive pyrite interval grades 0.88 g/t Au and 6.0 g/t Ag. The prograde garnet skarn interval contains 15% pyrite, trace amounts of pyrrhotite and sphalerite and is weakly anomalous in gold, silver, and arsenic.

LD04-02 intercepted three mineralized, S1 conformable prograde skarn bands within a thick sequence of siliceous phyllites: Band #1, from 172.8 to 175.8 meters, contains 40% pyrrhotite, 1% chalcopyrite, and trace amounts of sphalerite; Band #2, from 244.4 to 245.0 meters, contains 5% pyrrhotite, 15% arsenopyrite, and trace amounts of chalcopyrite grading 50.7 g/t Au; Band #3, from 255.5 to 256.3 meters, contains 15% pyrrhotite.

LD04-08 encountered two mineralized, narrow, prograde mineralized skarn bands within a thick sequence of siliceous phyllites: Band #1, from 148.6 to 149.8 meters, contains 5% pyrrhotite, and 1% chalcopyrite grading 15.35 g/t Au; Band # 2, from 195.3 to 197.5 meters, contains 5% pyrite, 15% pyrrhotite, and less than 1% chalcopyrite.

LD04-09 cored two mineralized, narrow, prograde skarn bands, a mineralized retrograde skarn band, and a massive pyrite band within a phyllite sequence. The skarn band from 152.7 to 154.2 meters contains 2% pyrite, 20% pyrrhotite and 1% chalcopyrite. The skarn band from 158.2 to 158.7 meters contains 40% pyrrhotite, 0.5% chalcopyrite, trace pyrite and 2% arsenopyrite. The massive coarse grained pyrite interval from 214.8 to 216.1

meters grades 1.54 g/t Au and 80.3 g/t Ag. The mineralized retrograde skarn from 244.7 to 246.1 meters contains 2% pyrite, 5% pyrrhotite, 0.5% chalcopyrite, and 2% arsenopyrite grading 3.38 g/t Au and 15.0 g/t Ag.

LD04-10 failed to intersect skarn or massive sulphides within the phyllite sequence. Minor pyrite, sphalerite and arsenopyrite mineralization occurs between 26.2 and 36.0 meters.

LD04-11 intersected five mineralized zones in a siliceous phyllite sequence: massive siliceous pyrite, from 96.7 to 99.6 meters, with 20% coarse pyrite cubes; prograde skarn from 106.5 to 107.7 meters with 1% pyrite, 20% pyrrhotite and 2% chalcopyrite; retrograde skarn from 107.7 to 109.4 with 20% pyrite, 10% arsenopyrite, trace chalcopyrite, and trace sphalerite grading 4.64 g/t Au and 16.9 g/t Ag; retrograde skarn from 112.7 to 115.4 meters with 5% pyrite, 15% pyrrhotite, trace chalcopyrite and trace sphalerite; and massive pyrite with 50% coarse pyrite, 1% chalcopyrite, and 4% arsenopyrite from 115.4 to 118.6 meters.

LD04-12 failed to core massive sulphide or skarn mineralization. Minor pyrite, sphalerite, pyrrhotite and arsenopyrite mineralization occurs between 135.0 and 142.7 meters in siliceous phyllite.

LD04-13 cored four mineralized zones in a siliceous phyllite sequence: retrograde skarn from 200.7 to 204.8 meters with 7% pyrite, 7% pyrrhotite, and 0.5% chalcopyrite; prograde skarn from 236.1 to 237.7 with 3% pyrite, 10% pyrrhotite, and 1.5% chalcopyrite grading 12.70 g/t Au; prograde skarn from 300.6 to 302.1 meters with 5% pyrite, 5% pyrrhotite and 0.5% chalcopyrite; and massive sulphide with 35% pyrite, 35% pyrrhotite and 1% chalcopyrite.

LD04-14 intersected two contiguous mineralized zones in a phyllite and limestone sequence: a zone of altered intrusive(?) from 242.6 to 243.7 meters with 5% pyrite, 30% pyrrhotite, 2% chalcopyrite and trace sphalerite; and massive pyrite from 243.7 to 247.9 meters with 80% pyrite, 3% chalcopyrite, <1% sphalerite, trace arsenopyrite, and minor stibnite, grading 1.08 g/t Au, 137.1 g/t Ag, and 0.24% Cu.

LD04-15 encountered two mineralized sections in a sequence of phyllites and limestone: a quartz, pyrite, chalcopyrite vein(?) from 88.3 to 89.2 meters; and a pyritic zone from 292.1 to 293.0 meters with 50% pyrite and 2% sphalerite.

LD04-16 cored two contiguous mineralized sections in a phyllite sequence: a retrograde skarn from 83.8 to 85.9 meters with 5% pyrite, 45% pyrrhotite, and 5% chalcopyrite; and a prograde skarn from 85.9 to 86.8 meters with 7% pyrite, 5% pyrrhotite and 1% chalcopyrite.

11.6 Diamond Drilling Results: Number 3 Oxide and Number 3 Extension Zones

LD04-17 failed to encounter any mineralization down-dip of the Number 3 Extension Zone in a sequence of limestone, phyllite and mafic tuff. The drill roads broke off and the hole was abandoned at 133.9 meters.

LD04-18 cored three contiguous mineralized sections in a sequence of phyllites, limestone and mafic tuffs: a red oxide zone from 115.5 to 118.8 meters; a mixed massive sulfide and oxide zone from 118.8 to 122.4 meters with pyrite, sphalerite and arsenopyrite (no estimate of percentages); and a second red oxide zone from 122.4 to 124.6 meters. The combined interval from 115.5 to 124.6 grades 2.23 g/t Au, 14.4 g/t Ag, and 2.75% Zn. Core recovery for the entire zone averaged only 55%.

LD04-19 failed to intersect any mineralized sections in a sequence of phyllites, limestone and mafic tuffs below LD04-18.

LD04-20 encountered a pyrite, arsenopyrite, sphalerite, and chalcopyrite vein(?), from 290.1 to 290.4 meters, in a sequence of phyllites, limestone and mafic tuffs.

LD04-21 failed to intersect mineralization beneath LD04-17 in a sequence of phyllites, limestone and mafic tuffs.

11.7 Diamond Drilling Results: Canyon Creek Skarn and Canyon Creek Skarn Footwall Zones

LD04-03 cored a single mineralized section from 557.0 to 558.4 with 15% pyrite and 0.5% chalcopyrite in siliceous phyllite. After passing through the Glover Stock contact at 240.8 meters, the hole encountered a sequence of phyllites intruded by monzonite dykes to 483.6 meters. From 483.6 meters to the end of the hole at 593.7 meters, unmineralized prograde skarn is the dominant lithology with minor intercalated phyllite.

LD04-04 intersected six mineralized zones in a thick sequence of phyllites: a prograde skarn from 108.0 to 110.1 meters with 3%

pyrite and 0.5% chalcopyrite; a prograde skarn from 110.7 to 120.0 meters with 10% pyrite and 2% chalcopyrite grading 0.62 g/t Au, 31.5 g/t Ag and 1.57% Cu; a prograde skarn from 136.3 to 142.3 meters with 10% pyrite and 1% chalcopyrite; a prograde skarn from 184.6 to 185.1 meters with 10% pyrite and 1% chalcopyrite grading 2.14% Cu, 1.05 g/t Au and 42.1 g/t Ag; a prograde skarn from 186.6 to 188.6 meters with 10% pyrite and 1% chalcopyrite grading 1.14% Cu, 0.38 g/t Au and 20.9 g/t Ag; and a prograde skarn from 219.9 to 221.6 with 10% pyrite and 3% chalcopyrite grading 0.53 g/t Au, 30.5 g/t Ag and 1.71% Cu.

LD04-05 cored four mineralized intervals in a phyllite sequence with minor limestone: a prograde skarn from 185.6 to 193.0 meters, with 10% pyrite and 2% chalcopyrite (the interval from 185.6 to 191.5 grades 1.37 g/t Au, 18.0 g/t Ag and 1.28% Cu); massive pyrite from 327.2 to 327.5 meters with 90% pyrite and 0.5% chalcopyrite; a prograde skarn from 391.2 to 391.9 meters with 3% pyrite, 5% pyrrhotite, and 0.5% chalcopyrite; and a prograde skarn from 393.5 to 394.0 meters with 10% pyrite, 3% pyrrhotite, 1% chalcopyrite and 2% arsenopyrite.

LD04-06 encountered three significantly mineralized intervals in a phyllite-skarn sequence: a prograde skarn from 76.3 to 77.4 meters with 7% pyrite and 1% chalcopyrite; a prograde skarn from 159.0 to 160.1 meters with 2% pyrite grading 2.54 g/t Au; and a prograde skarn from 179.9 to 181.2 meters with 5% pyrite and 1% chalcopyrite.

LD04-07 intersected multiple pyritic prograde and retrograde skarns in a sequence of phyllites. No significant grades were encountered.

12.0 SOIL GEOCHEMICAL SURVEY

B-horizon soil geochemical surveys were conducted in two main areas: the area north and east of the Canyon Creek Skarn (the Dream Creek Grid), and the area west of the Canyon Creek Skarn and the Number 4b Zone (the Upper Canyon Creek Grid). A small, orientation grid was conducted to the south of the known mineralized zones. A total of 724 samples was collected on 36.2 kilometers of gridline.

Grid position was established by a compass with 23° declination and a hip-chain. Soil sample locations were marked with line and station numbers on metal tagged pickets every 50 meters on lines 100 meters apart. Control of the grid

position was achieved by acquiring GPS readings at the beginning and end of each line when conditions permitted.

All three grids cover areas of over-mature balsam forest and moderately to well drained soils with a good B-horizon soil underneath 10-30 cms of organic A-horizon.

12.1 Sampling Method

Samplers received on-the-job training in the techniques of B-horizon soil sampling. Sample horizons were identified and the rationale for collecting B-horizon soils was outlined. Sufficient sample was taken to fill a kraft soil sample bag. Field notes were taken for each sample describing the sample depth, horizon sampled, soil color, slope, and slope direction.

12.2 Field Sample Preparation and Security

Samples were air dried and stored in a secure location until they could be transported to the laboratory by Mr. R. Whatley, a director of Alpha Gold Corporation.

12.3 Analyses and Testing Procedures

Samples were assayed at ALS Chemex Laboratories Ltd. in Vancouver, using a standard 34 element ICP package plus a 30 gram Au fire assay with an AA finish. A complete description of ALS Chemex analytical techniques for ICP-AES and assay procedures is presented in Appendix II and the Certificates of Analysis are attached as Appendix V. ALS Chemex is an ISO 9002 certified laboratory.

12.4 Data Verification

No external standards were included with the soil geochemistry samples for analysis by ALS Chemex.

Random field checks were conducted by the author to ensure that samples were obtained from the proper locations and from the B-horizon. The author was also present for the collection of 75 samples.

12.5 Soil Geochemistry Results

Soil geochemistry results for silver, arsenic, gold and copper are displayed on Figures 6, 7, 8 and 9 respectively.

The most outstanding feature identified on the Dream Creek Grid is a large, multi-element, north-trending anomaly about 300 meters east of the

Canyon Creek Skarn Zone between lines 17N and 21N. This area is strongly anomalous in arsenic, gold, silver and copper. The strongest part of the anomaly is closed off in all directions.

The second most prominent anomaly on the Dream Creek Grid is located about 1000 meters northwest of the Canyon Creek Skarn Zone between lines 22N and 27N. The area is highly anomalous in copper and moderately anomalous in silver. The anomaly is completely open to the west.

The Upper Canyon Creek Grid revealed a small cluster of highly anomalous gold surrounded by moderately anomalous arsenic and silver values approximately 400 meters west of the Number 4b Zone.

13.0 INTERPRETATION AND CONCLUSIONS

The 2004 exploration program added significantly to the geological understanding and mineralized potential of the Lustdust property:

1. A 400 meter long, north-northwest extension of the Canyon Creek Skarn Zone was discovered by drilling a small arsenic-silver soil geochemistry anomaly. The new zone contains bonanza-style gold grades over narrow widths. This zone has many of the characteristics of gold skarn deposits (Ray and Webster, 1991):
    - high pyroxene:garnet ratios in the exoskarn
    - high pyrrhotite:pyrite ratios and mineral assemblages containing arsenopyrite
    - gold-sulphide mineralization is hosted in exoskarn distal to the intrusion
    - moderate to high sulphide content
    - prograde skarn development starts with a phase of biotite metasomatism

2. Drill hole LD04-18 extended the Number 3 Zone 50 meters to the north-northwest of DDH 3-27. The zone is still open at depth to the north-northwest and to the south-southeast of DDH 3-30.

3. A strong arsenic, gold, silver, copper soil geochemistry anomaly was outlined in an area mostly outside the current limit of geologic mapping. Based on similar soil geochemistry, the anomaly can be interpreted as a mineralized skarn to the east of and parallel to the Canyon Creek Skarn Zone.

4. Drilling on the Canyon Skarn zone has again indicated that the footwall position of the main skarn front remains a significant target, both along

Figure 6

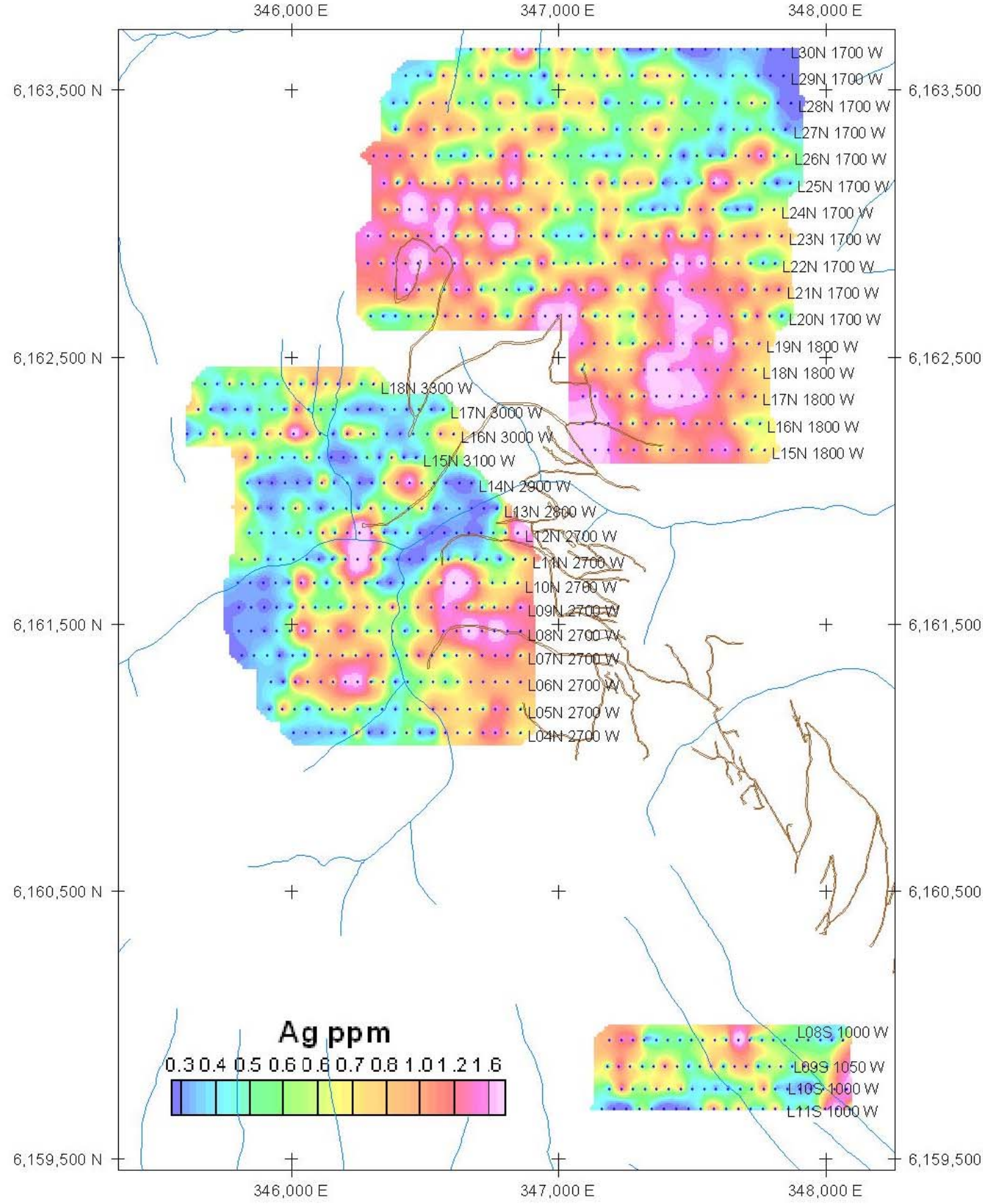

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Figure 7

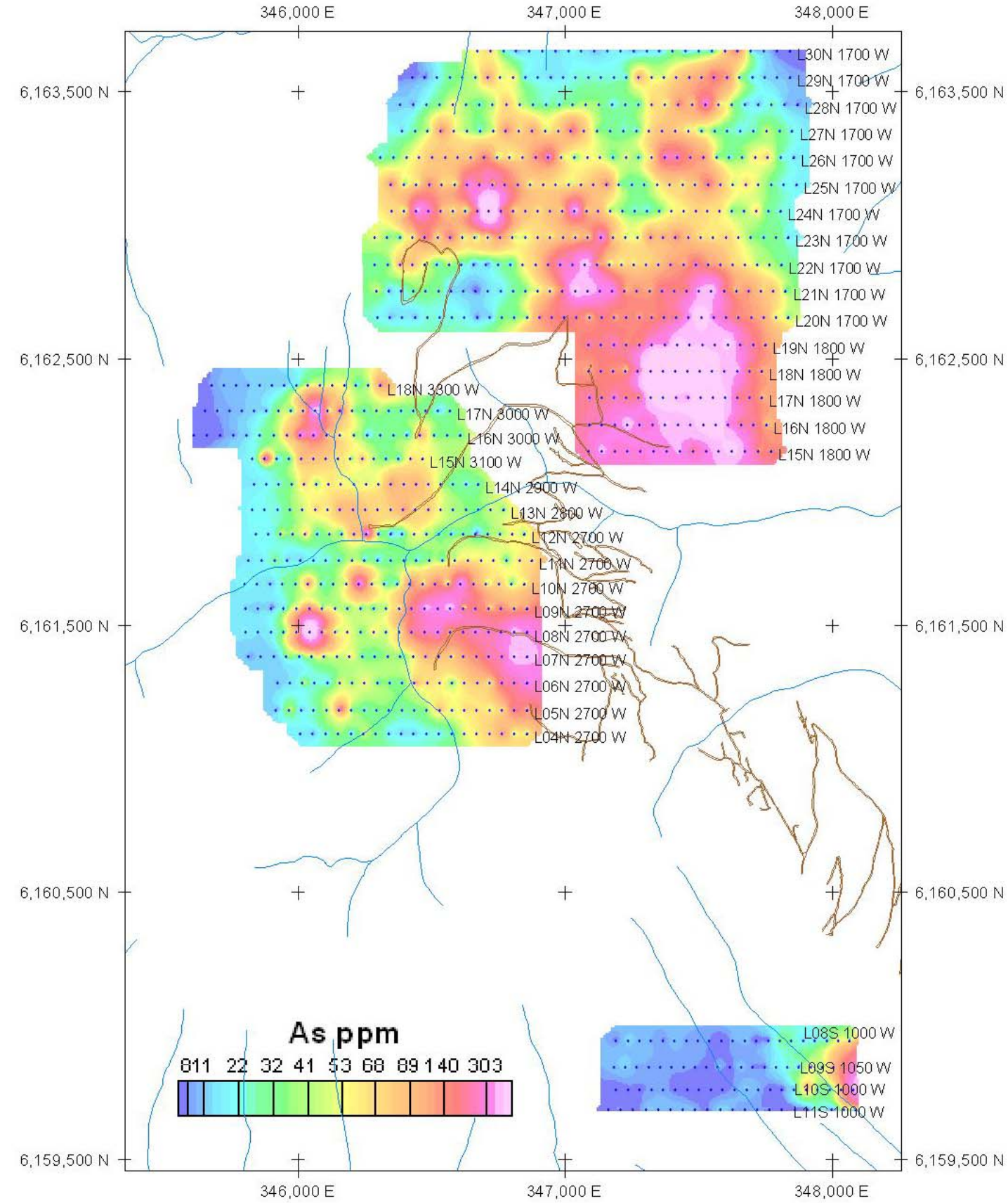

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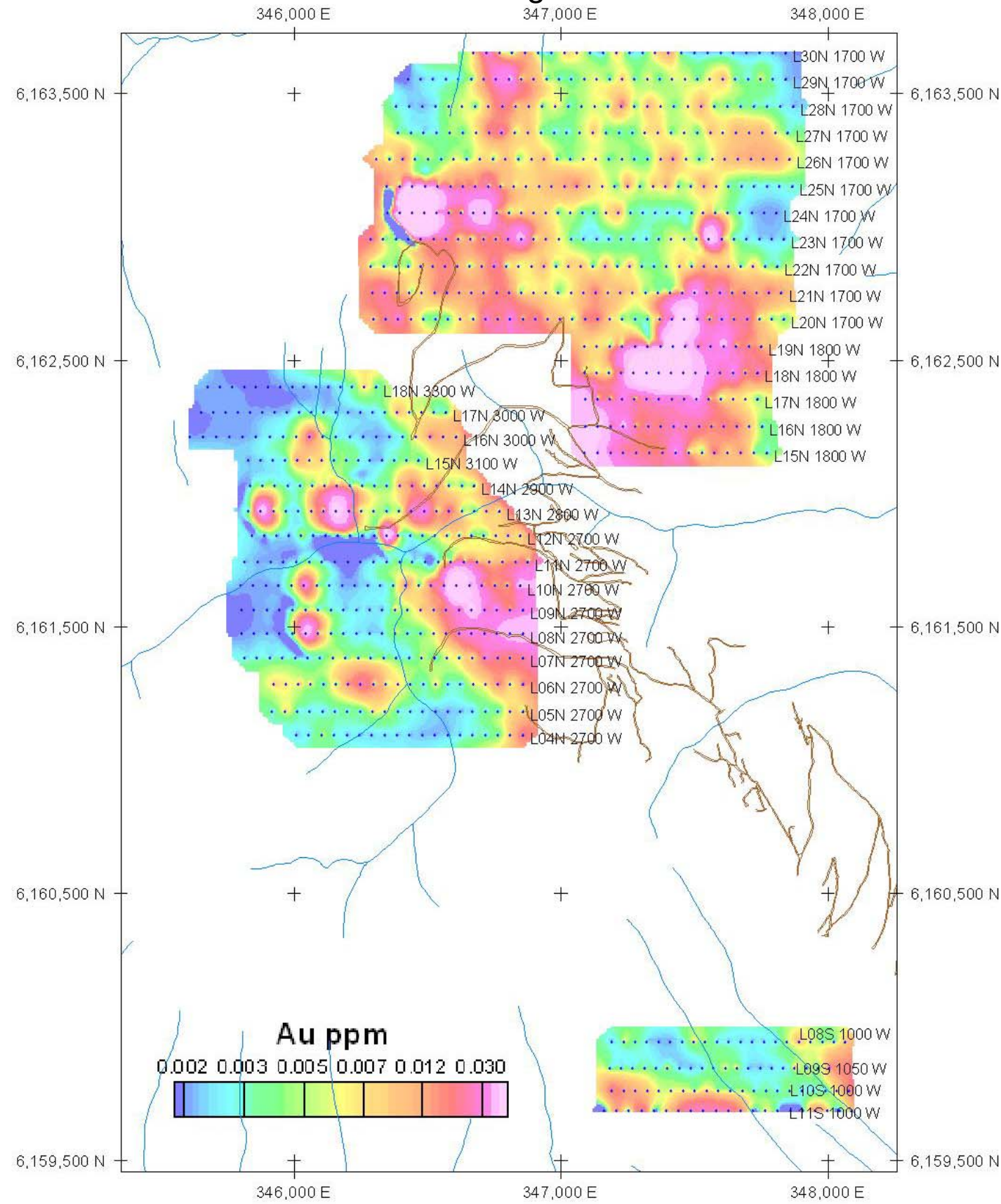
Figure 8



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Kilometers
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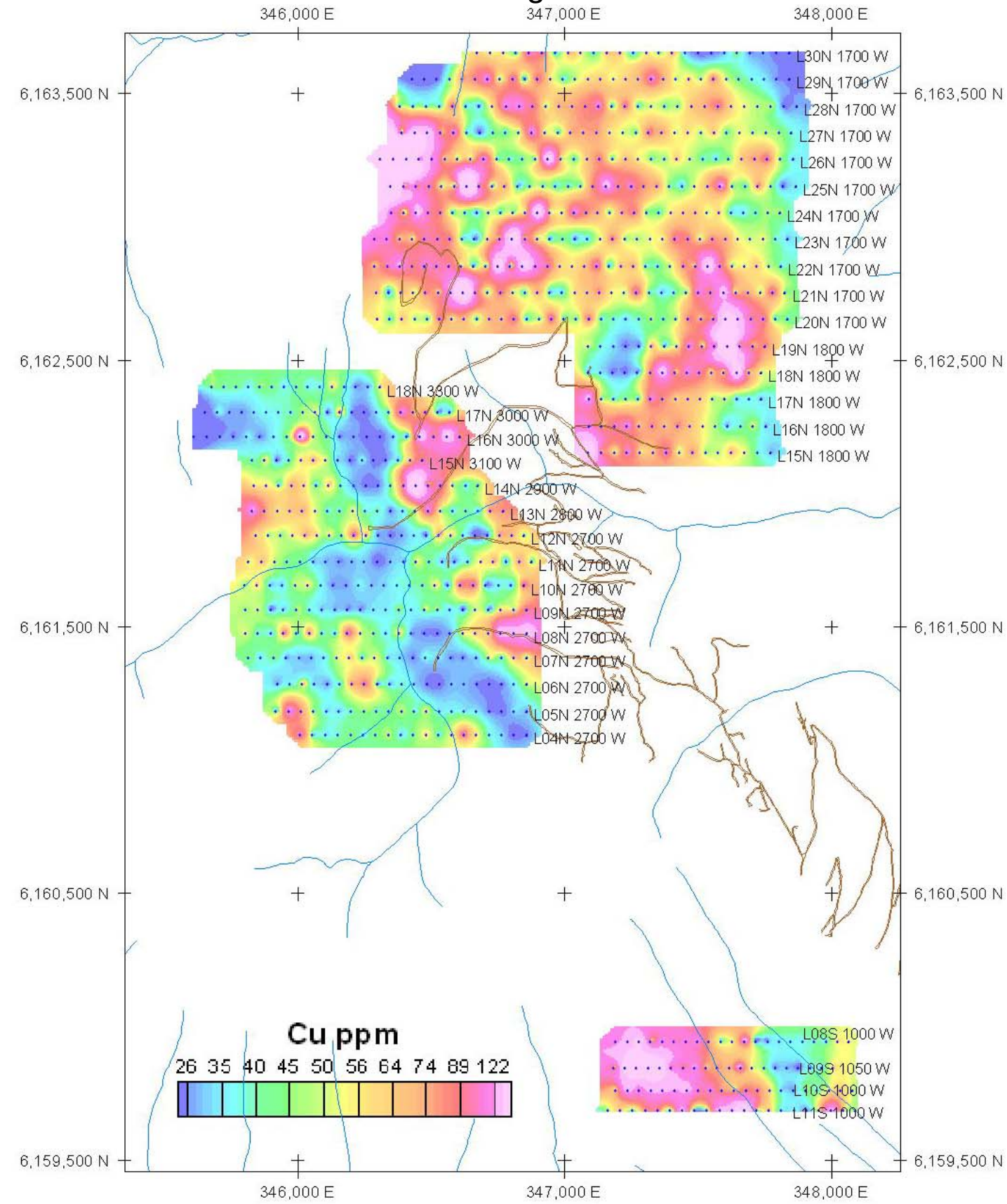
Figure 9



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Kilometers
0 0.5 1

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strike to the north and to the south. If fact, limited footwall drilling indicates that there is the potential for multiple footwall skarns.

5. Drill-hole LD04-03 confirmed the interpretation of a north-northwest plunge to the “synformal roll” of the Canyon Creek Skarn. Unfortunately, there was no high-grade intersected up to the point that the hole was abandoned in skarn at a depth of 593.7 meters.

6. Limited drilling failed to intersect the down-dip continuation of the Number 3 Extension Zone.

7. Using a split core tube and face discharge bits failed to improve recoveries in the Number 3 Oxide Zone.

14.0 RECOMMENDATIONS

The results of the 2004 exploration warrant a 2005 exploration program as follows:

1. Additional drilling of the Canyon Creek Extension Zone is warranted to follow-up on significant results in holes LD04-01, LD04-02, LD04-08, LD04-13 and LD-04-14. The drilling should be directed toward defining the on-strike and down-dip continuity of the mineralization.

2. The Number 3 Oxide Zone required additional drilling at depth to the north-northwest of LD04-18 and to the south-southeast of DDH 03-30. To improve recovery, future drilling of this zone should experiment with a combination of different polymers and with thin kerf NQ2 bits to penetrate faster with less water and fewer cuttings. The use of a hydraulic drill and a 5 ft. core barrel is also recommended.

3. The large, gold-arsenic-silver-copper soil anomaly east of the Canyon Creek Skarn Zone should be aggressively drill-tested. Soil geochemistry has proven to be a valuable exploration tool on the Lustdust property in the past and this is the strongest anomaly outlined to date.

4. Drill testing of the higher temperature skarns intersected in DDH 2-17, 2-18 and 2-19 should continue farther along strike to the north-northwest toward LD04-16. A drill pattern to test both the Canyon Creek Skarn Zone and the footwall skarns is recommended.

5. The geological map base was improved in the 2003 field season on an ad-hoc basis. A program of systematic 1:2500 scale mapping is

recommended for the parts of the soil geochemistry grids that are outside the current limits of mapping.

6. The Dream Creek soil geochemistry grid should be expanded to the west to close off the copper-silver anomaly. A program of prospecting and geological mapping is also recommended for this area. Depending on the results of these programs, a limited diamond drilling program should be designed and implemented.

7. A limited diamond drilling program should be initiated to the west of the Number 4b Zone to test for antiformal closures in the Number 4b Zone similar to those in the Number 3 Oxide Zone, and to test the soil geochemical anomaly on the Upper Canyon Creek Grid.

8. A new core shack with adequate heating, lighting, bench space, and indoor storage should be constructed.

The costs to complete the recommended exploration program are estimated as follows (all figures in Canadian dollars):

1.	6,000 m's of NQ drilling and related assaying:	$ 600,000
2.	Geological (mapping, core logging, reporting)	$ 80,000
3.	Data base development	$ 45,000
4.	Ground geochemistry	$ 50,000
5.	Road construction, environmental Studies and remediation	$ 40,000
6.	Lithogeochemistry	$ 3,000
7.	Petrography	$ 2,000
8.	Camp and logistical costs, contingencies and management.	$ 60,000
9.	Improvements to the Core Shack facilities	$ 20,000
		_____
	Total:	**$ 900,000**

15.0 2004 EXPLORATION PROGRAM EXPENDITURES

1.	Diamond drilling 6,010.1 meters @ $100/m (all inclusive cost)		$601,010
2.	Assaying		$21,240
3.	Transportation 2 - 4X4 pickup trucks (3 months) 1 - 4X4 pickup truck (1 month)		$25,000
4.	Alpha camp cost (board)-		$17,430
5.	Alpha camp cost (trailers)		$16,000
6.	Drill site preparation, access construction, reclamation (excavator)		$60,000
7.	Field Wages Geologist Soil sampling and core splitting		 $42,360 $28,549
8.	Miscellaneous field costs		$2,000
9.	Report		$6,335
		TOTAL	$819,924

The Lustdust property, by the nature of the deposit type, is a very complex geologic system that presents unique exploration challenges. Soil geochemistry coupled with improved geologic understanding will continue to discover new zones of mineralization on this property.

Daryl J. Hanson, P.Eng.

January 1, 2005
Telkwa, British Columbia, Canada

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17.0 CERTIFICATE OF AUTHOR

I, Daryl J. Hanson, P.Eng., do hereby certify that:

1. I am a consulting geologist and the sole proprietor of

   In-Depth Geological Services
   16575 Quick East Road
   Telkwa, B.C.
   Canada. V0J 2X2.

2. I hold an BASc degree, conferred by the University of British Columbia in 1971.

3. I am a member, in good standing, of the Association of Professional Engineers and Geoscientists of British Columbia.

4. I have worked as a geologist for over thirty years in the fields of exploration, mine development and mine operations.

5. I have read the definition of "qualified person" set out in the National Instrument 43-101 (NI 43-101") and certify that by reason of my education, affiliation with professional associations (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

6. I am responsible for (subject to points noted in the "Disclaimer" – section 3) the preparation of sections 1 – 16 of the technical report titled **"Report on the 2004 Diamond Drilling and Soil Geochemistry of the Lustdust Property Omineca Mining Division, British Columbia, Canada, (93N/11W)"** and dated January 1, 2005 ("the Technical Report") relating to the Lustdust property. I worked on site at the Lustdust property for 93 days between June 24 and October 8, 2004.

7. I have had no prior involvement with the Lustdust property, prior to the 2004 exploration season.

8. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclosure which makes the Technical Report misleading.

9. I am independent of the issuer applying all the tests in section 1.5 of the National Instrument 43-101.

10. I have read National Instrument 43-101 and Form 42-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

11. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication, in the public company files on their websites accessible by the public, of the Technical Report.

Dated this 10th day of January, 2005.

Signature of Qualified Person

Stamp of Qualified Person

Printed name of qualified person.

Appendix I

2004 Diamond Drilling Analyses and Core Recovery

Assay Sample Log LD04-01

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	32.3	no sample								
322001	32.3	34.1	split core		1.8	100	0.034	1.9	629	144	577
	34.1	61.2	no sample								
322002	61.2	62.2	split core		1.0	100	0.307	176	1260	1075	8860
	62.2	117.4	no sample								
322003	117.4	119.6	split core		1.1	50	0.189	6.1	920	511	2860
322004	119.6	121.0	split core		1.4	100	1.080	11.1	3160	606	132
322005	121.0	122.5	split core		1.5	100	0.453	5.2	1980	192	140
322006	122.5	124.1	split core		1.6	100	1.420	2.8	3920	31	65
322007	124.1	125.1	split core		1.0	100	0.392	5.0	2830	64	1945
322008	125.1	126.6	split core		1.5	100	0.118	3.3	289	68	435
322009	126.6	128.1	split core		1.5	100	0.088	2.4	280	263	1275
322010	128.1	129.7	split core		1.6	100	0.147	2.4	247	279	292
	129.7	233.5	no sample								
322011	233.5	233.9	split core		0.4	100	0.700	22.9	>10000	295	460
	233.9	252.1	no sample								
EOH @ 252.1m											

Diamond Drill Log LD04-01

Date: 2004-06 Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	3.0	O/B																			triconed - no core
3.0	78.3	SPbh											1	tr	tr	tr					**Biotite Hornfelsed Siliceous Phyllite**
			S1	24.1	55																w/ 60-80% light grey siliceous bands and 20-40% lt. brown biotite
			S1	29.6	57																lamellae defining S1 fol'n, wkly phyllitic, loc dk gy/blk arg. bands
			S1	35.7	60																local augen and mortar cataclastic textures
			S1	41.0	56																PY occurs as vnlts, stringers, patches and rare vns to 20 mm
			S1	50.0	40																(some PY vnlts are parallel to S1)
																					SL occurs as small blebs, in vnlts w/ PY and also in PY/CB vns
																					local tan coloured sericite hydrothermal alt. of biotite lamellae
																					24.8: gouge @ 62
																					24.8-25.2: broken core
																					31.0: gouge @ 26
																					31.5: "M" symmetry in S1
																					36.4: irreg. band or vn 15mm w/ PY/CB/SL sub-parallel to S1
																					39.9 tr CP in PY patches
																					46.6 PO as irreg patches
																					51.6-51.7 gouge @ 70
																					59.6 vnlt w/ PY/SL
																					59.8 gouge and rubble
																					60.3 mislatch
																					61.5 GL/SL/PY/CB vn; 65mm wide @ 52 (assuming N strike for
																					S1, vn would strike about 060 with a steep NW dip)
																					69.8 gouge
																					71.6 gouge
78.3	84.2	Md											tr								**Monzonite Dyke**
																					pale green, non-porph, wkly calc, non-mag
																					wk sauss. alt'n
																					PY as dissems and in vnlts w/ CB

Diamond Drill Log LD04-01

Date: Logged By: Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					78.3-84.2 cont'd
																					upper cnt. not observed
																					lower cnt. sharp, irreg. (no attitude)
84.2	119.6	SPbh											1	tr		tr					**Biotite Hornfeled Siliceous Phyllite**
			S1	90.5	50																lith. a/a 3.0-78.3
																					loc. sericite hydrothermal alt'n of BI lams.
																					wk, loc CL hydrothermal alt'n overprints sericite and biotite
																					PO as blebs
																					PY occurs as vnlts, stringers, patches and rare vns to 20 mm
																					(some PY vnlts are parallel to S1)
																					SL occurs as small blebs, in vnlts w/ PY and also in PY/CB vns
																					loc CB vns & bxia w/ CB matrix
																					117.4-119.6 10% PY, 1% SL
																					117.4-117.7 calcareous band w/ EP
119.6	125.1	MS											95	tr	tr	tr				tr	**Massive Pyrite**
																					v. coarse grained PY w/ <5% CB
																					tr. dissem. CP
																					upper cnt. generally conformable to fol'n @ 60
																					123.7-125.1 siliceous int. w/ 30% QZ (minor bxia w/ CB
																					matrix & blebs of SL to 20 mm)
125.1	129.7	SK-SP											15	tr		tr				tr	**Ca-Garn. Prograde Skarn intercalated w/ Siliceous Phyllite**
																					yellow-gr skarn w/ 20% siliceous massive pyrite
																					lt gy laminated siliceous phyllite w/ 10% ser. rich comp. layers
																					tr SL, MG, PO as blebs
129.7	148.9	SPbh											tr	tr		tr					**Biotite Hornfelsed Siliceous Phyllite**
			S1	133.0	57																lt gy-lt br laminated, wkly phyllitic, loc. cataclastic w/boudinage

Diamond Drill Log LD04-01

Date: Logged By: Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
			S1	137.0	47																**129.7-148.9 cont'd**
			S1	142.8	59																loc. PY+/- SL vns; tr PO as blebs
																					loc. white ser. alt'n of BI laminae
																					133.2 gouge
																					136.3 gouge
148.9	158.5	Mpd																			**Porphyritic Monzonite Dyke**
																					25-30% euhedral feldspar phenos. in a lt gy, fine gr. matrix
																					non-mag., non-calc.
																					upper cnt. v. irreg. & weakly chilled
																					lower cnt. sharp, planar, S1 conformable @ 60 w/ chilled margin
158.5	170.4	SPbh											tr	tr							**Biotite Hornfelsed Siliceous Phyllite**
			S1	162.1	52																lt gy-lt br laminated, wkly phyllitic, w/ loc. cataclastic ints.
			S1	166.7	62																tr PY/PO as blebs in siliceous bands
																					164.9-165.5 milled breccia dyke w/ 70% monzonite frags and
																					30% siliceous phyllite frags.
170.4	181.5	Md											tr	tr							**Monzonite Dyke**
																					lt gy, massive, non-calc, non-mag.
																					v. wk. ser.alt'n
																					tr PY in <vnlts; tr PO blebs
																					upper cnt. sharp, S1 conformable @ 67
																					lower cnt. sharp, S1 conformable @ 70
181.5	252.1	SP											1	0.5	tr	tr		tr			**Siliceous Phyllite**
			S1	183.6	57																lt gy-dk gy laminated, wkly phyllitic
			S1	189.6	45																locally biotite hornfelsed
			S1	206.3	72																loc. boudinaged siliceous laminae
			S1	212.4	60																PO/PY as blebs and rare stringers

Diamond Drill Log LD04-01

Date: Logged By: Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
			S1	215.5	60																**181.5-252.1 cont'd**
			S1	224.6	50																193.1 gouge
			S1	229.5	42																194.2 gouge & broken core
			S1	235.3	45																194.2-195.7 broken core
			S1	239.1	40																217.1-217.3 siliceous band w/ 1% AS blebs, 2% PY/PO blebs
			S1	245.7	40																218.0-218.1 siliceous band w/ tr AS
			S1	250.3	38																228.9-229.0 siliceous band w/ tr AS (appears to x-cut S1)
																					233.5-233.9 siliceous band w/ 5% PY as irreg. patches, 2% AS
																					as blebs, and 0.5% SL as blebs
																					233.8 minor ground core
																					235.5 "S" symmetry minor fold
																					240.0 10mm wide sde band, S1 conformable w/ PY/SL/AS/SB
																					243.0-243.1 siliceous band w/ 5% PY/PO and tr CP
																					246.3-246.5 siliceous band w/ 1% PO and tr CP
																					EOH @ 252.1 metres

RQD Log LD04-01

Date: June 28, 2004 Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
3.0			142.3		
5.2	84	38	145.4	82	26
8.2	174	58	148.4	197	66
11.3	187	60	151.5	259	84
14.3	283	94	154.5	240	80
17.4	230	74	157.6	275	89
20.4	233	78	160.6	260	87
23.5	202	65	163.7	250	81
26.5	105	35	166.7	290	97
29.6	50	16	169.8	184	59
32.6	76	25	172.8	184	61
35.7	207	67	175.9	270	87
38.7	210	70	178.9	274	91
41.8	200	65	182.0	260	84
44.8	256	85	185.0	178	59
47.9	220	71	188.1	186	60
50.9	227	76	191.1	170	57
53.9	139	46	194.1	152	51
57.0	180	58	197.2	82	26
60.0	232	77	200.2	247	82
63.1	106	34	203.3	262	85
66.1	231	77	206.3	282	94
69.2	151	49	209.4	233	75
72.2	98	33	212.4	264	88
75.3	189	61	215.5	292	94
78.3	194	65	218.5	283	94
81.4	292	94	221.6	256	83
84.4	289	96	224.6	274	91
87.5	278	90	227.7	265	85
90.5	294	98	230.7	213	71
93.6	248	80	233.8	187	60
96.6	235	78	236.8	159	53
99.7	227	73	239.9	39	13
102.7	287	96	242.9	242	81
105.8	239	77	246.0	66	21
108.8	145	48	249.0	251	84
111.9	269	87	252.1	261	84
114.9	276	92			
118.0	243	78	EOH @ 252.1m		
121.0	238	79			
124.1	299	96			
127.1	256	85			
130.1	212	71			
133.2	160	52			
136.2	148	49			
139.3	76	25			
142.3					

Survey Log LD04-01

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		85		-56
158	48.2	73	95	38	-52
300	91.4	63	85	40.5	-49.5
450	137.2	63	85	46.75	-43.25
600	182.9	64	86	44	-46
825	251.4	71	93	45	-45

Assay Sample Log LD04-02

Date: July 9,2004 Page:1

Sample No.	From	To	Sample Type	S.G	Rec	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	170.1	no sample								
322012	170.1	171.6	split core		1.3	87	0.082	0.7	20	771	59
322013	171.6	173.1	split core		1.3	87	0.202	1.1	96	1005	51
322014	173.1	174.5	split core		1.4	100	0.263	10.5	186	2570	1440
322015	174.5	175.8	split core		1.3	100	0.320	15.8	3270	1370	1325
	175.8	244.4	no sample								
322016	244.4	245.0	split core		0.6	100	50.7	3.7	>10000	257	31
	245.0	255.5	no sample								
322017	255.5	256.3	split core		0.8	100	0.722	3.0	477	1155	45
	256.3	279.4	no sample								
EOH @ 279.4m											

Diamond Drill Log LD04-02

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	5.2	OB																			triconed casing - no core
5.2	13.1	Md											tr								**Monzonite Dyke**
																					lt gy, non-porphyritic, non-magnetic, w/ 5% EP
																					PY as dissem and in vnlts w/ CB
																					wk sauss altn
																					lower cnt sharp @ 57 (sub conformable w/ S1)
13.1	170.1	SPbh											<1		tr	tr					**Biotite Hornfelsed Siliceous Phyllite**
			S1	16.6	58																dk br-lt gy striped siliceous phyllite grading loc to phyllitic quartzite
			S1	26.5	78																30% dk br biotite rich lams define S1 loc altered (bleached) to white sericite
			S1	32.1	55																adjacent to PY+/-SL+/-CB vns
			S1	38.0	77																Bl lams are loc contorted and siliceous bands are loc disrupted and fragmented
			S1	41.8	68																CP as blebs and in vnlts w/ PY
			S1	48.2	70																PY as patches, blebs, vnlts (larger patches assoc w/ CL alt'n)
			S1	64.6	58																SL in rare vns w/ PY
			S1	71.8	62																28.9-29.2 monzonite dyke w/ upper cnt sharp @ 24 and lower cnt diffuse
			S1	83.2	62																89.0-89.9 gouge @ 20 and patchy CY alt'n
			S1	87.8	61																98.6-105.5 heavily broken up core and gouge w/ upper cnt @ 73 (S1 conformabl
			S1	94.1	65																and lower cnt @ 50 (S1 conformable)
			S1	97.8	72																117.2-118.0 15-20% PY spatially related to a dk gr, biotite hornfelsed, 30 mm wi
			S1	106.0	55																mafic/int dyke w/ gouge on upper cnt @ 22 (PY appears to be replacing phyllite
			S1	117.1	70																120.7-120.9 minor gouge @ 20
			S1	119.7	53																127.1 gouge @ 70
			S1	126.5	62																129.6-129.8 gouge @ 45
			S1	130.9	35																139.0 lt gr tuffaceous? bands
			S1	136.2	62																142.3-142.6 gouge @ 30 w/ massive PY
			S1	139.0	50																146.1 gouge @ 65
			S1	144.1	55																147.3-148.3 gouge and broken-up core
			S1	148.4	62																151.4-151.8 dk green, chloritic (tuffaceous?) band w/ 15% PY
			S1	153.8	60																(lower cnt S1 conformable @ 42)
			S1	160.7	45																152.7-153.2 dk green, chloritic (tuffaceous?) band w/ 5% PY, EP
			S1	163.0	40																(S1 conformable)
			S1	168.2	43																158.5-159.1 strong PY+EP+CB vnlts, <vnlts

Diamond Drill Log LD04-02

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
170.1	172.8	SPbh											10								**Biotite Hornfelsed Siliceous Phyllite**
																					dk br-lt gy striped phyllite
																					PY as vns, patches
172.8	175.8	SKpm												40	1	tr					**Mineralized Ca Garnet-CPx Prograde Incip Skarn**
																					lt gr w/ lt red-br, v fine gr garnet patches loc dev in siliceous phyllite
																					grades loc to siliceous phyllite
																					172.8-174.2 30% PO, 1% CP, 3% EP, tr SL, 50% CB
																					174.2-174.5 massive PO w/ 2% CP
																					174.5-175.8 15% PO, 10% CB, 3%EP in a dark green, tuffaceous? rock
																					note: Is this skarn alt'n developed in siliceous phyllites or in calcareous
																					bands intercalated with phyllite?
175.8	177.7	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	177.6	46																lith and min as above 13.1-170.1
177.7	182.2	Md											1			tr	tr				**Monzonite Dyke**
																					pale gy, weakly porphyritic
																					PY as patches, vns w/ +/-SL+/-GL
																					180.5-180.7 gouge w/ PY+SL vn
																					upper cnt sharp, irreg (no attitude)
																					lower cnt sharp @ 44 (S1 sub-conformable)
182.2	207.8	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	183.0	57																lith and min as above 13.1-170.1
			S1	189.6	50																187.5 PY+EP+CB compositional layer (tuffaceous?)
			S1	194.0	55																191.1-191.2 sand and rubble w/o gouge
			S1	199.0	30																204.8 tuffaceous compostional layer @ 50 (S1 sub-conformable)
			S1	203.3	48																
207.8	210.5	Md											1								**Monzonite Dyke**
																					lith & min as above 177.7-182.2
																					wk sauss alt'n of ca-plag
																					upper cnt sharp & irreg (no attitude)
																					lower cnt sharp and planar @ 32

Diamond Drill Log LD04-02

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
210.5	244.4	SPbh											5	5	tr						**Biotite Hornfelsed Siliceous Phyllite**
			S1	212.1	40																lith & min as above 13.1-170.1
			S1	215.7	58																PY in vns w/ "bleached" halos
			S1	221.4	50																BI hornfelsing becomes weaker from 230m onward
			S1	227.7	56																214.4-214.5 dark gr-br compositional layer conformable w/ S1;
			S1	234.4	57																20% PY/PO, 10% CB, 7% EP
			S1	239.0	46																240,1 6cm thick chloritic (tuffaceous?) w/ 10% PO & tr CP
																					local boudinage and mortar structure
																					242.1-242.5 calc-silicate skarn band w/ 30% yellow & brown garnet;
																					S1 conformable
																					thin skarn bands @ 243.2, 243.3, 243.9
244.4	245.0	SKpm												5	tr			15			**Mineralized CPx Prograde Skarn**
																					med gr color w/ 80% c-px, 10% CB
																					cnts are sub-conformable to S1
																					244.4-244.5 massive arsenopyrite
																					incipient banding indicating tuffaceous protolith?
																					PO as patches w/ tr AS+/-CP specks
245.0	255.5	SPbh												1							**Biotite Hornfelsed Siliceous Phyllite**
			S1	245.1	44																typical dk br-lt gy siliceous phyllite w/ loc weak BI dev (leaving hornfels aerole)
			S1	247.0	60																loc boudinage and mortar structures
			S1	252.1	50																
255.5	256.3	SKpm												15							**Mineralized Ca Garnet-Epidote Prograde Skarn**
																					pinkish-gr garnet-epidote skarn alt'n w/ 0.3m siliceous phyllite intercalated
																					loc retrograde alt'n of garnet to chlorite
																					cnts are sharp and planar (S1 conformable)
																					upper cnt @ 58; lower cnt @ 70
																					last 0.2 m of int is 80% PY w/ 10% lt red-br garnets to 2mm dia
256.3	261.5	SP												1				tr			**Siliceous Phyllite**
			S1	256.3	70																dk gy/blk-ltgy striped, w/ carbonaceous lams defining S1; no BI hornfelsing
																					generally boudinaged
																					256.8-257.9 broken core w/o gouge
																					258.4-258.9 broken core w/o gouge

Diamond Drill Log LD04-02

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					256.3-261.5 cont'd
																					260.9 EP+GA+CB band w/ 1% AS; S1 unconformable
261.5	272.3	Mpd											1								**Porphyritic Monzonite Dyke**
																					lt gy, porphyritic w/ phenos to 10mm
																					1% mafics (BI)
																					30% plag phenos is a v fine gr, gr-gy matrix
																					upper cnt is sharp, planar @ 55 (20cm stoped frags)
																					lower cnt is sharp and irreg (no attitude)
																					PY as dissem, vnlts, <vnlts
272.3	279.4	SP											1		tr						**Siliceous Phyllite**
			S1	273.4	55																dk gy-wh striped w/ loc white sericite alt'n of dk gy lams
			S1	279.4	68																siliceous compositional layers are generally boudinaged
																					274.2-274.6 broken core w/ minor gouge
																					276.6-277.0 strongly "bleached" int w/ 10% PY as vns, patches
																					278.3-278.6 incip skarn w/ 5% PO, 3% PY, tr CP; S1 conformable;
																					EOH 279.4 metres

RQD Log LD04-02

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
5.2			148.4		
8.2	94	31	151.5	176	57
11.3	158	51	154.5	227	76
14.3	214	71	157.6	207	67
17.4	292	94	160.6	250	83
20.4	278	93	163.7	220	71
23.5	241	78	166.7	155	52
26.5	116	39	169.8	186	60
29.6	104	34	172.8	44	15
32.6	229	76	175.9	310	100
35.7	253	82	178.9	229	76
38.7	246	82	182.0	244	79
41.8	287	93	185.0	260	87
44.8	289	96	188.1	264	85
47.9	267	86	191.1	235	78
50.9	268	89	194.1	227	76
53.9	290	97	197.2	270	87
57.0	198	64	200.2	280	93
60.0	281	94	203.3	254	82
63.1	299	96	206.3	260	87
66.1	289	96	209.4	269	87
69.2	267	86	212.4	210	70
72.2	279	93	215.5	225	73
75.3	267	86	218.5	283	94
78.3	249	83	221.6	290	94
81.4	247	80	224.6	293	98
84.4	251	84	227.7	278	90
87.5	199	64	230.7	177	59
90.5	213	71	233.8	230	74
93.6	190	61	236.8	265	88
99.7	150	25	239.9	284	92
102.7		n/a	242.9	252	84
105.8	25	8	246.0	258	83
108.8	188	63	249.0	216	72
111.9	267	86	252.1	218	70
114.9	217	72	255.1	218	73
118.0	260	84	258.2	143	46
121.0	190	63	261.2	97	32
124.0	265	88	264.2	270	90
127.1	199	64	267.3	223	72
130.1	165	55	270.3	265	88
133.2	136	44	273.3	256	85
136.2	104	35	276.4	155	50
139.3	169	55	279.5	148	48
142.3	144	48			
145.4	246	79	EOH @ 279.4m		
148.4	47	16			

Survey Log LD04-02

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		86		-55
150	45.7	66	88	35.5	-54.5
300	91.4	62	84	36	-54
450	137.2	68	90	37.5	-52.5
600	182.9	64	86	38	-52
750	228.6	66	88	39	-51

Assay Sample Log LD04-03

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	336.0	no samples								
322018	336.0	336.6	split core		0.6	100	0.058	0.2	141	138	15
	336.6	483.6	no samples								
322019	483.6	485.2	split core		1.6	100	0.017	0.8	35	708	37
322020	485.2	486.9	split core		1.7	100	0.014	0.5	30	341	36
322021	486.9	488.8	split core		1.8	95	0.036	0.8	48	865	42
322022	488.8	490.0	split core		1.1	92	0.039	1.4	21	1250	36
322023	490.0	491.3	split core		1.2	92	0.041	0.9	10	706	36
322024	491.3	492.7	split core		1.4	100	0.016	0.3	22	282	29
322025	492.7	494.4	split core		1.7	100	0.029	0.8	25	747	38
322026	494.4	495.8	split core		1.4	100	0.017	0.4	7	286	30
322027	495.8	496.4	split core		0.5	83	0.026	0.6	25	728	28
	496.4	500.2	no samples								
322028	500.2	501.4	split core		1.2	100	0.005	0.2	16	257	37
322029	501.4	502.7	split core		1.2	92	0.016	1	22	404	336
322030	502.7	504.4	split core		1.7	100	0.01	0.3	24	316	34
322031	504.4	505.8	split core		1.4	100	0.002	0.2	10	110	22
322032	505.8	507.0	split core		1.2	100	0.012	0.4	48	465	29
	507.0	511.1	no samples								
322033	511.1	513.2	split core		1.1	52	0.007	0.5	25	231	16
322034	513.2	514.7	split core		1.5	100	0.011	0.4	191	308	19
322035	514.7	516.4	split core		1.7	100	0.011	0.6	173	299	116
	516.4	519.7	no samples								
322036	519.7	521.4	split core		1.7	100	0.002	0.3	173	182	16
322037	521.4	523.3	split core		1.9	100	0.002	0.1	212	31	23
322038	523.3	524.2	split core		0.9	100	0.002	0.3	61	56	36
322039	524.2	526.0	split core		1.6	89	0.002	0.1	133	30	17
322040	526.0	527.5	split core		1.5	100	0.002	0.1	300	30	12
322041	527.5	529.1	split core		1.6	100	0.002	0.1	341	17	14
322042	529.1	530.6	split core		1.5	100	0.002	0.1	368	41	14
322043	530.6	532.1	split core		1.5	100	0.002	0.1	273	8	13
322044	532.1	533.3	split core		1.2	100	0.007	0.4	17	125	32
	533.3	535.3	no samples								
322045	535.3	536.9	split core		1.6	100	0.002	0.1	280	3	14

Assay Sample Log LD04-03

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
322046	536.9	539.0	split core		2.1	100	0.002	0.2	36	44	64
322047	539.0	539.8	split core		0.7	88	0.002	0.1	303	4	14
	539.8	541.9	no samples								
322048	541.9	542.7	split core		0.8	100	0.002	0.1	61	4	18
	542.7	548.5	no samples								
322049	548.5	550.2	split core		1.6	94	0.002	0.1	87	26	19
	550.2	557.0	no samples								
322050	557.0	558.4	split core		1.4	100	0.066	1.9	37	1365	25
	558.4	565.1	no samples								
322051	565.1	565.6	split core		0.5	100	0.002	0.1	50	11	39
	565.6	568.5	no samples								
322052	568.5	570.0	split core		1.5	100	0.002	0.1	42	8	25
322053	570.0	571.5	split core		1.5	100	0.002	0.1	24	78	33
322054	571.5	573.0	split core		1.5	100	0.006	0.2	22	104	37
322055	573.0	574.5	split core		1.4	93	0.007	0.3	43	138	34
322056	574.5	576.0	split core		1.5	100	0.002	0.1	142	42	47
322057	576.0	576.8	split core		0.8	100	0.002	0.1	96	12	39
	576.8	581.9	no samples								
322058	581.9	583.5	split core		1.6	100	0.002	0.1	42	11	27
322059	583.5	585.0	split core		1.5	100	0.002	0.1	66	91	29
322060	585.0	586.5	split core		1.5	100	0.002	0.1	42	9	33
322061	586.5	588.0	split core		1.5	100	0.002	0.1	42	42	23
322062	588.0	589.5	split core		1.5	100	0.002	0.1	69	13	30
322063	589.5	591.0	split core		1.5	100	0.002	0.1	58	13	25
322064	591.0	592.5	split core		1.5	100	0.002	0.1	95	34	22
322065	592.5	593.7	split core		1.2	100	0.002	0.1	156	11	20
EOH 593.7m											

Diamond Drill Log LD04-03

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	28.1	OB																			**Overburden**
																					0.0-27.4 triconed casing - no core
																					27.4-28.1 cored sand and rock frags (boulders)
28.1	62.1	D											1								**Diorite (Glover Stock)**
																					med gy-gr colour, non-mag, med gr, equigranular
																					10% mafics (HB+BI) w/ wk CL alt'n
																					PY dissem, stringers, vnlts, <vnlts, vns
																					tr MO in vns w/ PY+QZ
																					35.1-35.4 gouge & broken core
																					45.7 QZ vn w/ PY+tr MO @ 21
																					47.1-47.3 vn w/ QZ+CL+PY+EP @ 25
																					49.4 gouge
62.1	76.4	D											3								**Diorite (Glover Stock)**
																					med gy-gr colour, non-mag., fine gr, equigranular
																					wk sauss alt'n
																					3-4% PY dissem, <vnlts
																					1.3m upper contact has inclusions of above int (ie stoped cnt)
76.4	200.6	D											1							tr	**Diorite (Glover Stock)**
																					lith and min as above 28.1-62.1
																					occ QZ+PY+/-MO vns w/ KF halos
																					occ QZ+PY vns w/ argillic halos to 10 mm
																					loc tr MG dissem
																					76.5-77.5 broken core, sand, gouge
																					80.8 QZ vn w/ tr MO
																					82.9 broken core, gouge, slick @ 27
																					88.7 gouge @ 48
																					108.7 gouge @ 53
																					112.2-112.4 lt gy monzonite dyke @ 32
																					128.4-128.6 lt gy, pre-min monzonite dyke @ 45
																					136.8 gouge @ 42
																					138.1 gouge @ 55
																					157.7 gouge @ 57
																					158.8 gouge (no attitude)

Diamond Drill Log LD04-03

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
200.6	218.0	Dp																		tr	**Porphyritic Diorite (Glover Stock)**
																					40% plag phenos, 2% mafic phenos
																					med gy, fine gr matrix
																					MG dissem
																					cnts grad over 10-20 cms
																					201.8 gouge (no attitude)
218.0	240.8	D											1								**Diorite (Glover Stock)**
																					equigranular phase
																					lith and min as above 76.4-200.6
																					221.1-221.3 fine gr, med to dk gy/gr andesite dyke w/ sharp cnts
																					upper cnt irreg (no attitude), lower cnt @ 34
																					223.9 gouge (no attitude)
																					loc tr MG dissem
																					lower cnt S1 conformable
																					240.8 calc-sil band w/ lt br GA+EP+CB
240.8	250.7	SPbh											2								**Biotite Hornfelsed Siliceous Phyllite**
			S1	247.7	25																dark br and white striped typical SPbh
																					2-3% PY dissem, <vnlts
																					CB <vnlts loc
																					246.1 gouge (no attitude)
																					minor dyklets throughout int (< 40 mm)
																					246.3 gouge (no attitude)
250.7	270.8	Mpd											1								**Porphyritic Monzonite Dyke**
																					med to lt gy, non-mag, fine gr, w/ 10-30% plag phenos to 10 mm
																					2-3% BI books
																					250.7-251.9 v fine gr, dk gy border phase (chilled margin)
																					upper cnt sharp, planar @ 25, S1 conformable
																					lower cnt sharp, irreg (no attitude)
																					269.5-270.8 v fine gr, dk gy border phase (chilled)
																					wk sauss alt'n throughout int
																					PY in <vnlts, vnlts, dissem

Diamond Drill Log LD04-03

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
270.8	271.8	SPbh											2								**Biotite Hornfelsed Siliceous Phyllite**
			S1	271.0	30																lith & min as above 240.8-250.7
271.8	286.2	Mpd											1								**Porphyritic Monzonite Dyke**
																					lith & min as above 250.7-270.8
																					upper cnt sharp, wkly chilled (no attitude due to broken core)
																					banding near upper cnt @ 30 (parallel to cnt?)
																					wk sauss alt'n throughout int
																					loc tr dissem MG
																					lower cnt sharp @ 30 (x-cuts S1)
286.2	320.9	SPbh											2								**Biotite Hornfelsed Siliceous Phyllite**
			S1	287.1	18																typical dk br-white striped w/ 5-25% dk br biotite rich compositional layers
			S1	294.4	28																defining S1 fol'n
			S1	300.0	30																PY as dissem, <vnlts, vnlts, occ vns
			S1	304.0	32																BI is loc bleached to white MC adjacent to larger vns (hydrothermal alt'n)
			S1	313.0	38																289.6-290.4 broken core w/ gouge
			S1	319.0	32																291.0-291.7 broken core W/ minor gouge
																					293.4 10 cm gouge
																					300.5 4 cm vuggy CB+QZ+PY vn @ 38 w/ bleached halos to 20 cm
																					305.8 4 cm band of CB+MG+PY+HE @ 28 w/ EP alt'n in wall rock
																					308.4 irreg S1 parallel to core axis w/ fold closures (F2 folds)
																					314.0 3 cm v fine gr monzonite dyklet
320.9	322.3	Md											1		tr					tr	**Monzonite Dyke**
																					med gy-gr, slightly mag, w/ 10% BI books to 1mm
																					v wk sauss alt'n
																					BI loc alt'd to CL
																					1-2% PY as dissem, <vnlts
																					local xenoliths of siliceous phyllite
																					tr CP as dissem
																					upper cnt sharp, planar @ 52 (x-cuts S1)
																					lower cnt sharp & slightly irreg @ 42 (x-cuts S1)
322.3	434.5	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	325.2	33																typical dk br & white striped w/ 10-20% BI rich lamellae defining S1

Diamond Drill Log LD04-03

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
			S1	331.4	32																322.3-434.5 cont'd
			S1	336.0	28																PY as dissems, blebs, vnlts, occ vns w/ QZ+CB+/-tr MO
			S1	339.6	23																336.0-336.6 tr SP w/ 10-15% PY in lams parallel to S1
			S1	345.2	29																362.4-362.6 pale gy, v fine gr, monzonite dyke w/ cnts sharp and planar @ 42
			S1	351.8	15																(unconformable to S1)
			S1	358.6	26																370.0-370.3 lt red-br & lt gr mottled incip skarn w/ 15% PY, 15% CB, 5% EP,
			S1	364.5	23																and 20% v fine gr lt red-br garnet in patches and bands @ 20
			S1	369.7	28																370.3-371.1 med gy-gr monzonite dyke w/ upper cnt lost in ground core and
			S1	375.5	25																lower cnt @ 42
			S1	378.8	28																**core dropped @ drill 367.9-370.9**
																					371.7-372.4 two incip skarn bands unconformable to S1; pale red-br and gr
			S0?	387.7	23																mottled w/ 10% CB, 7% EP, 20% v fine gr, pale red-br garnet? (no xtls
																					visible - identified by coloration only), 5% PY as patches; true thickness
			S1	392.5	25																of each band is about 40 mm; bands dip steeply east assuming steep westerly
			S1	397.6	25																dip for S1
			S1	403.0	20																387.7 dk gr, calc-siloicate? Band w/ dissem HE+MG+PY conformable w/ S1 @ 23
			S1	408.8	20																399.0-399.6 monzonite dyke @ 15
			S1	415.0	20																402.8-402.9 monzonite dyke @ 45
			S1	417.3	23																403.5-403.6 monzonite dyke @ 90
			S1	422.5	23																403.8-404.6 monzonite dyke @ 45
			S1	430.5	33																410.7 20 mm monzonite dyke @ 85
			S1	433.4	25																413.0-416.9 large int of rubble and broken-up core w/ minor gouge and slicks @ 15
																					418.6-418.9 cored rubble (this material represents the material sloughed in the hole
																					when the swivel broke and the plug had to be fished out of the hole ;
																					(this is not a structural zone)
																					419.7-419.9 cored sand and rubble
																					423.9-424.1 monzonite dyke @ 53
																					425.9 post D1 vn w/ QZ+PY+HS+SP @ 53, 20 mm wide
																					432.3 vn w/ HS+PY+SP+QZ @ 30, <10 mm wide, conformable w/ S1
434.5	437.8	Md											1								**Monzonite Dyke**
																					med to lt gy, non-porph, non-mag
																					PY as dissem, stringers, vnlts, <vnlts
																					upper cnt sharp and planar @ 16
																					lower cnt diffuse @ ~ 16

Diamond Drill Log LD04-03

Date: Logged By: DJH Page 5/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
437.8	438.6	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
																					typical SPbh with br biotite lams defining S1
438.6	446.8	Md											1							tr	**Monzonite Dyke**
																					med gy-gr, fine gr, locally porph, loc w/ BI books to 3mm
																					loc tr MG as dissem
																					PY as dissems
																					upper cnt wkly diffuse @ ~ 15
																					lower cnt is faulted (no attitude)
446.8	457.0	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	447.6	34																typical br-white striped, w/ 10-20% br BI rich lams defining S1
			S1	452.0	23																PY as dissem, vnlts w/CL+EP+CY
																					453.0-455.7 generally broken core w/ loc gouge and slicks
457.0	477.7	Md											3							tr	**Monzonite Dyke**
																					med gy, fine gr, wkly magnetic,
																					wk-mod fracturing
																					PY in <vnlts, vnlts w/ white sericite alt'n halos to 10mm
																					upper cnt faulted @ 43 w/ slicks
																					lower cnt gradational over 30 mm (no attitude)
																					465.4-468.3 partly assimilated xenoliths of dk gy, strongly mag, biotite hornfels
																					w/ mod compositional layering; hornfelsed meta-tuff?
477.7	483.6	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	478.1	40																typical dk br and lt gy striped rock
																					S1 fabric is v irregular
																					PY as dissems, <vnlts
																					lower cnt grad over 10 cm
483.6	485.2	SKp											2							<1	**Ca Garnet-CPx Prograde Skarn**
																					lt gr w/ pale red-br streaks and patches of fine gr lt br garnet
																					2% EP as irreg patches
																					PY as blebs and post skarn vnlts to 2mm
																					MG as small blebs

Diamond Drill Log LD04-03

Date: Logged By: DJH Page 6/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
485.2	486.9	SPbh											2								**Biotite Hornfelsed Siliceous Phyllite**
			S1	486.2	15																typical br and lt gy striped
																					loc EP as irregular patches
																					PY as streaks parallel to S1, vnlts, and dissem
486.9	488.8	SKp											3		tr					tr	**Ca Garnet-CPx Prograde Skarn**
																					mainly massive grading loc to incip skarn alt'd siliceous phyllite
																					lt gr w/ yellow and pale red-br patches and streaks w/ ca-rich garnet
																					PY as dissem, in post-skarn vnlts, <vnlts, and irreg patches
																					CP as blebs w/ PY
																					loc EP in patches
																					MG as blebs w/ PY
																					cnts grad over 5-10 cms (no attitudes)
488.8	490.0	SPbh																			**Biotite Hornfelsed Siliceous Phyllite**
			S1	489.7	20								3							tr	loc incip skarn developed sub-parallel to S1 and as irreg patches
																					PY as dissem, vnlts, <vnlts
																					MG as borders on PY vnlts loc
490.0	491.3	SKp											7							tr	**Ca Garnet-CPx Prograde Skarn**
																					loc incip skarn dev in siliceous phyllite
																					lt gr w/ patchy and streaky yellow and lt red-br ca-rich garnet 15%
																					PY as patches, vnlts, dissem
																					MG as blebs w/ PY
																					cnts gradational over 10-20 cms (no attitudes)
491.3	492.7	SPbh											2								**Biotite Hornfelsed Siliceous Phyllite**
																					typical br-lt gy striped
																					PY as stringers, dissem
492.7	494.4	SKp											7								**Ca Garnet-CPx Prograde Skarn**
																					massive to loc incip skarn dev in monzonite and siliceous phyllite (ie endo and
																					exoskarn) w/ cnts grad over 10-20 cms (no attitudes)
																					lt gr w/ patchy and streaky lt red-br garnet
																					PY as dissem, patches, <vnlts, vnlts to 3mm
																					loc EP in patches

Diamond Drill Log LD04-03

Date: Logged By: DJH Page 7/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
494.4	495.8	Md											2								**Monzonite Dyke**
																					med gy, non-mag, non-porphyritic
																					PY to 10% loc as dissem and <vnlts
																					1% EP patches
																					gradational cnts w/ skarn
495.8	496.3	SKp											10								**Ca Garnet-CPx Prograde Skarn**
																					lt gr w/ 30% lt red-br garnet dev
																					PY in vnlts, patches, dissem
																					cnts grad over 10-20 cms
496.3	500.2	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	497.3	30																typical br-lt gy striped
																					PY in vnlts, <vnlts, dissem
																					loc CL hydrothemal alt'n halos on vnlts
500.2	504.4	Md											2							tr	**Monzonite Dyke**
																					w/ mafic inclusions to 5cm
																					loc. Incip endoskarn devel
																					upper cnt grad over 10-20 cm
																					lower cnt obscurred in broken core
																					PY as dissem, <vnlts
																					MG in vnlts w/ PY
																					500.8-501.4 incip endoskarn w/ minor MG+PY vnlts
																					501.9-502.4 healed bxia w/ rare SK frags (ie post SK bxia)
																					502.7-503.3 incip endoskarn
504.4	505.8	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	505.0	27																typical dk br-lt gy striped
																					PY as dissem, <vnlts
505.8	507.0	SKp											4								**Ca Garnet Prograde Skarn**
																					pale yellow-gr massive ca-rich garnet skarn
																					PY as patches w/ QZ+CB, and in vnlts w/ QZ

Diamond Drill Log LD04-03

Date: Logged By: DJH Page 8/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
507.0	511.1	Mpd											2								**Porphyritic Monzonite Dyke**
																					typical pale gr-gy, non-magnetic, w/ 20% plag phenos to 3mm
																					wk sauss alt'n
																					upper cnt sharp, planar @ 55
																					lower cnt lost in ground core
																					PY as dissem blebs
511.1	513.2	SKr											10								**Chlorite-Calcite Retrograde Skarn**
																					v. pale gr-gy, w/o relict garnets
																					ground and lost core at upper contact
																					lower cnt grad. over 0.3m
																					PY as patches and blebs
513.2	516.4	SKp											2							tr	**Ca Garnet Prograde Skarn**
																					pale yellow-gr mottled w/ wk retrograde ints near upper cnt (ie gradational)
																					retrograde ints. are SKp bxia w/ CL rich matrix (ie post skarn hydrothermal bxia)
																					PY as patches, vnlts, blebs assoc w/ retrograde ints
																					MG as borders on PY vnlts
																					HE (red, earthy) as borders on QZ vnlts
																					516.0 vn w/ QZ+CB+PY+marcasite? w/ retrograde halos to 15mm wide
																					retrograde halos have relict garnets altered to dk chlorite (photo)
516.4	519.7	Mpd											tr								**Porphyritic Monzonite Dyke**
																					typical pale gy-gr, non-mag, post-Skarn dyke w/ xenoliths of Skarn near u.cnt
																					u.cnt sharp, planar @ 17
																					l.cnt sharp, planar @ 25
																					PY as dissem. blebs
519.7	523.3	SKp											1								**Ca Garnet Prograde Skarn**
																					massive, pale yellow-gr and lt red-br mottled w/ loc retrograde ints
																					PY as patches, blebs
																					loc. HS patches (open space fillings) w/ PY+GY+QZ
523.3	524.2	SKp											5								**Ca Garnet Prograde Brecciated Skarn**
																					v. distinctive int. w/ subangular to rounded skarn frags to 10mm in a matrix
																					supported bxia; some frags have red HE borders or replacements

Diamond Drill Log LD04-03

Date: Logged By: DJH Page 9/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					523.3-524.2 cont'd
																					u.cnt fairly sharp @ 27
																					l. cnt sharp and planar @48
																					PY as large patches & cubes in top 20cm (open space filling?)
524.2	533.3	SKp											1								**Ca Garnet Prograde Skarn**
																					pale yellow-gr & lt red-br mottled, massive prograde skarn w/ 0.3m retrogade skarn
																					at upper cnt w/ CL+CB+QZ
																					PY as patches, cubes to 10mm
																					HE in <vnlts
																					u.cnt not observed
																					l.cnt sharp, planar @ 55 (x-cuts S1)
																					528.0-529.3 bxia w/ fine gr, siliceous matrix
533.3	535.3	SPbh																			**Biotite Hornfelsed Siliceous Phyllite**
			S1	533.5	30								tr								typical bk br - lt gy striped w/ dk br Bl lams defining S1
																					PY in discontinuous <vnlts
535.3	536.9	SKp											1								**Ca Garnet Prograde Skarn**
																					lith as above 524.2-533.3
																					PY as blebs, patfches
																					HS in patches w/ PY+QZ (open space filling?)
																					u.cnt sharp @ 38
																					l.cnt grad over 10cm (no attitude)
536.9	539.0	SPbh											<1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	538.6	30																w/ 10% Ca Garnet Prograde Skarn bands intercalated
																					dk br - lt gy striped w/ dk br Bl defining S1
																					white sericite and chlorite alt'n of Bl lams adjacent to skarn bands (photo)
																					this relationship seems to indicate that skarn is post hornfelsing
																					skarn bands are S1 conformable
																					PY as patches
																					EP as small blebs and in patches w/ HS
																					HS in patches w/ EP

Diamond Drill Log LD04-03

Date: Logged By: DJH Page 10/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
539.0	539.8	SKp											<1								**Ca Garnet Prograde Skarn**
																					typical lt yellow-gr massive skarn
																					contacts are S1 conformable
																					PY as patches
539.8	541.9	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	540.0	32																typical dk br - lt gy striped w/ dk br BI lams defining S1
																					BI loc alt'd to white sericite and chlorite
																					PY as small dissem blebs
																					rods stuck at 540.1m
541.9	542.7	SKp											<1								**Ca Garnet - CPx Prograde Skarn**
			S1	542.7	30																lt gr & yellow-gr mottled, v. fine gr
																					upper & lower cnts. sharp, S1 conformable @ 30
																					PY as small patches/blebs
542.7	548.5	SPbh											tr	tr							**Biotite Hornfelsed Siliceous Phyllite**
			S!	546.0	32																dk br - lt gy striped w/ BI lams defining S1
																					loc. white MS+CL alt'n of BI lams
																					PY in vns, patches
																					PO in vn w/ PY+EP @ 30, 10mm wide
548.5	550.2	SKp											tr								**Ca Garnet - CPx Prograde Skarn**
																					w/ 30% white MS+CL alt'd siliceous phyllite w/ incip skarn dev
																					skarn becomes Cpx rich toward end of int.
																					cnts. sharp, S1 conformable @ 22
																					3-4% Fe-Mg garnet (deep red to blk in colour)
																					PY as patches, blebs
550.2	557.0	SPbh											tr							tr	**Biotite Hornfelsed Siliceous Phyllite**
			S1	551.6	26																dk br-lt gy striped w/ loc white MS+CL alt'd ints.
																					occ. thin SK bands to 20mm, S1 conformable
																					PY as patches
											d										MG as rare blebs

Diamond Drill Log LD04-03

Date: Logged By: DJH Page 11/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
557.0	558.4	SPm											15		0.5						**Mineraliazed Siliceous Phyllite**
																					w/ irreg patches and bands of SKp
																					PY as large patches
																					CP as blebs and small patches assoc W/ PY
558.4	565.1	SPbh											tr		tr						**Biotite Hornfelsed Siliceous Phyllite**
			S1	563.3	36																dk br-lt gy striped phyllite w/ <5% skarn bands (S1 conformable)
																					loc. white MS+CL alt'd ints
																					PY as dissems
																					CP as dissems
565.1	565.6	SKp											10								**Ca Garnet Prograde Skarn**
																					lt yellow-gr mottled, fine gr skarn
																					w/ loc. CL+ACT retrogade patches assoc. w/ post SK bxia zones
																					cnts sub-conformable to S1
																					PY as patches
																					HS as open space fillings
																					HE (red, earthy) as streaks and borders on SK frags
565.6	568.5	SPbh											<1								**Biotite Hornfelsed Siliceous Phyllite**
																					dk br-lt gy lam. phyllite w/ <5% SK bands (S1 conformable)
																					566.3-566.6 gouge & broken core
																					PY in threads, <vnlts, dissems
568.5	576.8	SKp											2								**Ca Garnet Prograde Skarn**
																					lt yellow-gr mottled w/ lt red-br patches
																					loc. CL+ACT? retrograde ints.
																					upper cnt sharp, planar @ 50 (x-cuts S1)
																					lower cnt sharp, planar @ 35 (S1 conformable)
																					568.5-568.8 HE (red, earthy) in <vnlts
																					PY as patches, blebs
576.8	578.4	SPbh											1								**Brecciated Biotite Hornfelsed Siliceous Phyllite**
			S1	577.0	35																dk br-lt gy laminated phyllite w/ <5% SK bands/patches
																					lower cnt grad over 0.4 m
																					PY as vnlt's, dissems

Diamond Drill Log LD04-03

Date: Logged By: DJH Page 12/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
578.4	581.9	CSgh											tr								**Calc-Silicate Hornfels**
																					white w/ v. lt br irreg patches
																					wollastonite+QZ+garnet hornfels w/ <10% SKp patches
																					loc CL+ACT? rich SKr ints
																					lower cnt sharp, irregular (no attitude), ~5 deg to core axis
																					5% intercalated white MS+CL alt'd siliceous phyllite
																					PY as blebs
591.9	593.7	SKp											2								**Ca Garnet - CPx Prograde Skarn**
																					gr, yellow-gr, lt red-br, & white mottled
																					w/ 10% irreg. xtline calcite patches
																					loc narrow, CL+ACT? retrograde margins on post-skarn QZ+CB vns
																					PY as patches, blebs
																					tr HS as blebs
																					tr EP as blebs
Note:	hole ended in skarn because skarn is steeply dipping and hole dips at -70																				EOH @ 593.7 metres
	(ie skarn didn't flatten as predicted from adjoining sections)																				

RQD Log LD04-03

Date: Page 1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
27.4								
29.6	40	18	166.7			303.9		
32.6	179	60	169.8	256	83	306.9	254	85
35.7	248	80	172.8	257	86	310.0	267	86
38.7	213	71	175.9	203	65	313.0	278	93
41.8	257	83	178.9	289	96	316.1	291	94
44.8	253	84	182.0	296	95	319.1	300	100
47.9	271	87	185.0	279	93	322.2	297	96
50.9	188	63	188.1	260	84	325.2	281	94
53.9	189	63	191.1	294	98	328.3	272	88
57.0	262	85	194.1	298	99	331.3	276	92
60.0	181	60	197.2	229	74	334.3	287	96
63.1	249	80	200.2	269	90	337.4	199	64
66.1	241	80	203.3	248	80	340.4	256	85
69.2	228	74	206.3	208	69	343.5	273	88
72.2	298	99	209.4	258	83	346.5	174	58
75.3	189	61	212.4	274	91	349.6	181	58
78.3	82	27	215.5	261	84	352.6	287	96
81.4	177	57	218.5	158	53	355.7	264	85
84.4	173	58	221.6	269	87	358.7	262	87
87.5	234	75	224.6	232	77	361.8	288	93
90.5	233	78	227.7	238	77	364.8	272	91
93.6	267	86	230.7	283	94	367.9	251	81
96.6	264	88	233.8	296	95	370.9	194	65
99.7	163	53	236.8	274	91	374.0	284	92
102.7	239	80	239.9	273	88	377.0	292	97
105.8	244	79	242.9	286	95	380.1	266	86
108.8	227	76	246.0	264	85	383.1	256	85
111.9	231	75	249.0	237	79	386.2	276	89
114.9	256	85	252.1	197	64	389.2	280	93
118.0	284	92	255.1	238	79	393.3	278	68
121.0	262	87	258.2	296	95	395.3	269	135
124.0	269	90	261.2	239	80	398.4	281	91
127.1	234	75	264.2	244	81	401.4	280	93
130.1	243	81	267.3	172	55	404.4	265	88
133.2	262	85	270.3	248	83	407.5	264	85
136.2	270	90	273.4	207	67	410.5	278	93
139.3	212	68	276.4	300	100	413.6	240	77
142.3	211	70	279.5	203	65	416.6	70	23
145.4	233	75	282.5	264	88	419.7	264	85
148.4	271	90	285.6	289	93	422.7	253	84
151.5	283	91	288.6	251	84	425.8	276	89
154.5	287	96	291.7	36	12	428.8	291	97
157.6	256	83	294.7	96	32	431.9	293	95
160.6	188	63	297.8	260	84	434.9	202	67
163.7	216	70	300.8	281	94	438.0	153	49
166.7	262	87	303.9	271	87	441.0	279	93

RQD Log LD04-03

Date: Page 2

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
441.0			578.2					
444.1	218	70	581.3	288	93			
447.1	229	76	584.3	300	100			
450.2	190	61	587.3	273	91			
453.2	188	63	590.3		n/a			
456.3	67	22	593.4	75	24			
459.3	248	83						
462.4	211	68		E.O.H. 593.7				
465.4	263	88						
468.5	257	83						
471.5	290	97						
474.6	255	82						
477.6	289	96						
480.7	246	79						
483.7	239	80						
486.8	310	100						
489.9	279	90						
492.9	288	96						
495.9	200	67						
499.0	248	80						
502.0	246	82						
505.1	208	67						
508.1	250	83						
511.1	192	64						
514.2	228	74						
517.2	234	78						
520.3	290	94						
523.3	200	67						
526.4	310	100						
529.4		n/a						
532.5	280	90						
535.5	274	91						
538.6	232	75						
540.1		n/a						
541.6	150	100						
544.7	290	94						
547.7	246	82						
550.8	218	70						
553.8	298	99						
556.9	177	57						
559.9	255	85						
563.0	246	79						
566.0	167	56						
569.1	280	90						
572.1	239	80						
575.2	289	93						
578.2	264	88						

Survey Log LD04-03

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		50		-70.00
300	91.4	30	52	20.00	-70.00
600	182.9	41	63	20.00	-70.00
757	230.7	51	73	20.75	-69.25
997	303.9	42	64	20.00	-70.00
1387	422.7	56	78	20.00	-70.00
1475	449.6	59	81	20.00	-70.00
1637	498.9	54	76	20.75	-69.25
problems w/ Sperry Sun - no survey points after 498.9m					

Assay Sample Log LD04-04

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
322066	14.8	16.0			1.2	100	0.034	0.6	125	176	20
	16.0	108.0	no sample								
322067	108.0	109.0			1.0	100	0.118	5.2	151	2880	33
322068	109.0	110.1			1.1	100	0.359	15	229	8390	37
	110.1	110.7	no sample								
322069	110.7	111.9			1.2	100	0.203	2.9	1665	1775	50
322070	111.9	113.4			1.5	100	0.356	7.7	217	4780	31
322071	113.4	114.9			1.5	100	0.797	28.5	760	14500	141
322072	114.9	116.5			1.6	100	0.660	25.1	349	12900	80
322073	116.5	118.0			1.5	100	1.140	83.9	285	41300	357
322074	118.0	120.0			2.0	100	0.528	34.5	194	16200	85
	120.0	133.6	no sample								
322075	133.6	136.3			1.6	59	0.038	3.9	160	1810	57
322076	136.3	137.7			1.4	100	0.181	6.9	289	4130	36
322077	137.7	139.3			1.5	94	0.333	10.8	341	7180	41
322078	139.3	140.8			1.5	100	0.109	6.5	344	4450	36
322079	140.8	142.3			1.5	100	0.529	12	321	6730	20
322080	142.3	143.8			1.5	100	0.078	64.5	223	178	21
322081	143.8	145.4			1.5	94	0.065	10.9	305	198	14
322082	145.4	146.9			1.5	100	0.039	0.4	174	25	25
322083	146.9	148.4			1.3	87	0.021	0.3	170	14	22
322084	148.4	150.4			2	100	0.102	1.1	203	142	20
	150.4	155.1	no sample								
322085	155.1	156.6			1.4	93	0.064	2	335	849	36
322086	156.6	158.2			1.5	94	0.391	8	351	5600	22
322087	158.2	159.4			1.1	92	0.129	4.7	762	173	9
322088	159.4	161.9			2.2	88	0.033	8.3	143	248	60
322089	161.9	164.8			2.8	97	0.038	16.5	205	132	295
	164.8	184.6	no sample								
322090	184.6	185.1			0.5	100	1.045	42.1	360	21400	108
322091	185.1	186.6			1.5	100	0.220	6.6	79	2990	51
322092	186.6	188.6			2	100	0.376	20.9	431	11400	56

Assay Sample Log LD04-04

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	188.6	215.1	no sample								
322093	215.1	216.9			1.8	100	0.070	4	79	1125	34
322094	216.9	218.4			1.5	100	0.018	0.4	235	126	15
322095	218.4	219.9			1.5	100	0.105	4.6	336	2960	25
322096	219.9	221.6			1.7	100	0.529	30.5	629	17100	81
	221.6	233.8	no sample								
EOH 233.8m											

Diamond Drill Log LD04-04

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	9.8	OB																			triconed casing - no core
9.8	14.8	SPbh											2								**Biotite Hornfelsed Siliceous Phyllite**
			S1	14.1	42																dk br - lt gy striped
																					grades loc. to phyllitic chert
																					LI coatings on <vnlts
																					BI lams loc. "bleached" to white MS+CL
																					PY in vnlts, <vnlts (post hornfles), patches
																					lower cnt. grad. over 0.2m
14.8	16.0	Md											15								**Mineralized & Altered Monzonite Dyke**
																					w/ <5% phyllite xenoliths
																					incip CY alt'n
																					no cnts visible (assimilated or destroyed by alt'n)
																					PY as patches, blebs
																					MO finely dissem, 0.5%
16.0	85.3	SPbh											<1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	19.4	42																gen. dk br - lt gy striped
			S1	25.0	62																BI altered loc. to white MS+CL
			S1	30.8	58																PY in vnlts to 3mm, <vnlts, disssems (loc 2-3% in vnlts, <vnlts
			S1	33.5	50																LI coating on fractures (<vnlts) to 17.0m
			S1	40.3	55																20.4 gouge @ 23
			S1	47.4	57																*23.8 reset casing (cored 0.3m boulders)*
			S1	52.4	62																27.1-29.8 sheared core and rubble
			S1	57.0	60																31.6-31.8 gouge & sheared core
			S1	61.8	50																35.7-36.0 rubbly core w/ slicks & gouge
			S1	66.5	44																41.9-42.1 v. fine gr. felsite dyke (pre-min) w/ upper cnt. lost in broken core;
			S1	72.2	45																lower cnt. sharp, planar @ 48; contains PY+pink CB+QZ vn
			S1	76.9	42																53.3-53.8 gouge and broken core
			S1	80.4	49																56.3-56.7 rubble and broken core w/o gouge
			S1	84.6	38																57.2-62.1 Siliceous Phyllite (no hornfels) w/ grad. cnts.
																					62.1-65.4 Phyllitic Chert w/ <10% BI lams; grad. cnts
																					65.9-66.1 gouge & rubble
																					67.5-67.6 broken core & rubble w/o gouge
																					68.9-74.5 phyllitic chert w/ < 10% BI lams; grad. cnts

Diamond Drill Log LD04-04

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					16.0-85.3 cont'd
																					78.1-79.0 phyllitic chert w/ grad. cnts
																					79.0-85.3 Siliceous Muscovite Phyllite w/ minor BI hornfels
																					74.9-82.9 core heavily broken w/ minor rubble; w/o gouge
85.3	93.9	Mpd																			**Porphyritic Monzonite Dyke**
																					lt gy-gr, wkly mag., post min., w/ 30% plag phenos to 7mm
																					becomes distinctly less porphyritic @ 90.5m
																					upper cnt. sharp, irreg @ ~25
																					lower cnt. sharp, planar @ 37
93.9	108.0	SPbh											<1		<.1						**Biotite Hornfelsed Siliceous Phyllite**
			S1	97.7	55																grades loc. to Siliceous Muscovite Phyllite
			S1	101.2	52																dk br - lt gy striped w/ BI lams defining S1
																					local dk gy/blk lams
																					loc. white MS alt'n of BI lams
																					PY as vnlts, <vnlts, samll patches
																					CP as specks w/ PY patches
																					93.9-95.1 core broken w/ minor gouge
108.0	110.1	SKpm											3		0.5						**Mineralized Ca Garnet-CPx Prograde Skarn**
			S0?	108.4	35																lt gr, yellow-gr, lt red-br mottled, massive
																					20% irreg. patches of xtline CA
																					PY as patches
																					CP as blebs
																					local incipient compostional layering (intercalated phyllite?)
																					local dk gr/blk CL+ACT? retrograde alt'n
																					upper cnt. obscurred in broken core
																					lower cnt. sharp, planar @ 58
110.1	110.7	SPbh																			**Biotite Hornfelsed Siliceous Phyllite**
			S1	110.2	45								2								dk br - lt gy striped w/ BI lams defining S1
																					loc white MS alt'n of BI lams
																					PY as <vnlts

Diamond Drill Log LD04-04

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
110.7	120.0	SKpm											10		2						**Mineralized Ca Garnet Prograde Skarn**
																					typical yellowish gr, lt gr, & lt red-br, massive to locally laminated
																					w/ 15% intercalated ca garnet-cpx skarn
																					PY variable as patches w/ square outlines
																					CP content variable (.3-2%) as patches to 50mm w/ PY
																					HS v. local as patches w/ PY+CP
																					loc. dk gr retograde ints w/ CL+ACT (CL replacing garnet along vns)
																					upper cnt sharp, planar @ 30
																					CA as white xtline patches loc (zones also have more CP+HS ie 113.4-114.9)
																					CA rich bands throughout int. suggesting a limestone protolith
120.0	136.3	SPbh											1		tr						**Biotite Hornfelsed Siliceous Phyllite**
			S1	121.0	63																grades loc. to phyllitic chert and SP
			S1	125.7	60																med br - lt gy striped w/ BI lams defining S1
			S1	130.3	60																BI lams loc. bleached to white MS
			S1	133.0	70																PY as <vnlts, blebs
																					occ. skarn bands and patches (suggesting SK can form from SP)
																					122.3 skarn band @ 20, 50mm wide, tr CP
																					123.9-124.0 skarn band @ 30 (xcuts S1)
																					123.1-123.7 broken core w/o gouge
																					127.0-127.2 rubble & broken core w/o gouge
																					128.6-128.8 rubble & broke3n core w/o gouge
																					130.0 massive PY band, 30mm wide (xcuts S1), no attitude possible
																					133.6-134.0 SK band @ 55 (0.1m garnet sand)
																					134.3-134.5 SK band @ 65
																					136.1-136.2 SK band (garnet sand & rubble) - no attitude
136.3	142.3	SKpm											10		1						**Mineralized Ca Garnet Prograde Skarn**
																					typical yellow-gr, massive, w/ garnets to 3mm
																					upper cnt not observed due to ground core
																					lower cnt grad over 0.2m
																					PY as patches, blebs
																					HS as patches w/ CP
																					HE (red, earthy) @ 137.7
																					CA loc. as white xtline patches

Diamond Drill Log LD04-04

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
142.3	148.7	LSm											10								**Pyritic Limestone**
																					loc. incip SK developed as patches and bands
																					lt gy to loc. greenish-gy and lt red-br
																					PY as coarse grained replacement patches (decreaing along int.)
																					144.5-144.7 pale gr/gy andesite dyke @ 34
																					142.4-142.7 SKp band w/ cnts grad over 50mm
																					142.9-143.2 SKp band w/ cnts grad over 50mm
																					148.4-148.7 SKp band w/ cnts grad over 50mm
148.7	150.4	PC											4								**Phyllitic Chert**
																					w/ loc incip SKp patches; <5% pyritic LS intercalated
																					lt gy, v. wkly phyllitic
																					149.3-149.6 LS w/ 10% PY as square patches
																					150.2-150.4 incip SKp
150.4	155.1	SA											1								**Siliceous Argillite**
			S1	152.7	65																dk gy/blk, wkly phyllitic
																					loc. bleached w/ white MS proximal to sde. patches & bands
																					PY as patches, bands, vnlts
155.1	160.9	LSm											15								**Pyritic Limestone**
																					w/ loc. incip SKp patches and bands & 5% phyllitic chert intercalated
																					lt gy/white, massive
																					PY as coarse replacement patches w/ coarse xtline CA
																					155.6-155.9 dk gy/blk, wkly phyllitic siliceous argillite
																					upper cnt. sharp, planar @ 45; lower cnt. lost in broken core
																					156.6-156.9 SKpm w/ 10% dissem. PY, 2% dissem CP,
																					upper cnt. grad. over 50mm; lower cnt. sharp, planar @ 30
160.9	161.9	SP																			**Siliceous Phyllite**
			S1	161.2	52								-								dk gy/blk - lt gy laminated, wkly phyllitic
																					loc. white MS alt'n
																					loc. patches SK (generally prograde w/ minor dirty gr. zoisite? retrograde alt'n)
161.9	163.1	LSm											30								**Pyritic Limestone**
																					lt gy-white w/ 30% PY replacement patches w/ coarse xtline CA

Diamond Drill Log LD04-04

Date: Logged By: DJH Page 5/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					161.9-163.1 cont'd
																					upper cnt. sharp, planar @ 55
																					lower cnt. grad.over 0.2m
																					163.0-163.1 incipient skarn dev.
163.1	164.8	LS											1								**Limestone**
			S1	164.0	55																lt gy - med gy, banded, wkly phyllitic
																					small patches SKp dev.
																					<5% gy musc. defining S1
																					PY as vnlts, patches
164.8	167.3	PC											1								**Phyllitic Chert**
																					lt gy, wkly phyllitic, w/ <5% gy muscovite defining S1
																					grad. cnts.
																					PY as vnlts, <vnlts
167.3	168.4	SP											1								**Siliceous Phyllite**
			S1	168.0	57																dk gy/blk - lt gy laminated, wkly phyllitic
																					lower cnt. sharp, planar @ 54
																					PY as <vnlts
168.4	170.3	LS											-								**Limestone**
																					lt gy, massive to wkly banded, w/ <5% SP intercalated
																					lower cnt. sharp, planar @ 65
170.3	173.9	SP																			**Siliceous Phyllite**
			S1	172.6	65								-								dk gy/blk - lt gy laminated, wkly phyllitic
																					grades loc. to SPbh
																					171.8-171.9 v. fine gr., lt gr/gy, andesite dyklet w/ strong sauss. alt'n, tr PO
																					blebs; cnts. sharp, planar @ 60
173.9	178.7	LS											-								**Limestone**
																					lt gy, wkly laminated, w/ <5% SP intercalated
																					lower cnt. sharp, planar, S1 conformable @ 50
																					upper cnt. sharp, planar, S1 conformable @ 70

Diamond Drill Log LD04-04

Date: Logged By: DJH Page 6/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
178.7	180.5	SP												tr							**Siliceous Phyllite**
			S1	178.9	50																dk gy/blk - lt gy laminated, wkly phyllitic, w/ 20% PC intercalated
																					loc. white MS atl'n
																					PO as blebs
180.5	181.2	LS											-								**Limestone**
																					lt gy, massive w/ <5% intercalated SP
																					upper cnt. sharp, planar @ 43; lower cnt. sharp, planar @ 58
181.2	182.2	SP											tr								**Siliceous Phyllite**
																					dk gy/blk - lt gy laminated
																					S1 strongly contorted by F2 folding
																					PY as dissem., <vnlts
182.2	183.2	LS											-								**Limestone**
																					lt gy, massive, w/ 10% SA intercalated
																					upper cnt. sharp, planar @ 70
																					lower cnt. diffuse (no attitude)
183.2	184.6	SP											1								**Siliceous Phyllite**
																					lt gy/white, loc. dk gy/blk phyllitic argillite w/ sericite alt'n over 80% of int.
																					grades loc. to SKp bands (ie SKp forming from SP?)
																					183.9-184.0 limestone
																					PY as vnlts, blebs
184.6	185.1	SKpm											10		1						**Mineralized Ca Garnet Prograde Skarn**
																					yellow-gr mottled w/ 30% white CA patches
																					cnts grad'l over 20mm (no attitudes)
																					PY as patches
																					CP as blebs
185.1	186.6	SP											2		<1						**Siliceous Phyllite**
																					lt gy to loc. dk gy, laminated, wkly phyllitic
																					loc. sericite alt'n
																					PY as patches, vnlts, <vnlts
																					CP as blebs near lower cnt.

Diamond Drill Log LD04-04

Date: Logged By: DJH Page 7/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
186.6	188.6	SKpm											10		1						**Mineralized Ca Garnet Prograde Skarn**
																					lith & min. a/a 184.6-185.1
																					upper cnt. sharp, fairly planar @ 60
																					lower cnt. sharp, fairly planar @ 45 (photo)
188.6	215.1	SP											<1								**Siliceous Phyllite**
			S1	190.5	53																dk gy/blk - lt gy laminated
			S1	195.6	69																grades loc. to SPbh
			S1	200.0	67																loc. wk. bxia w/ some boudinage structures
			S1	204.8	65																PY as vnlts, <vnlts
			S1	211.9	65																207.8 - 208.0 boudinage
																					208.2 gouge
																					208.9 gouge
																					208.4 - 210.6 rubbly core
215.1	216.9	SPm											5		tr						**Mineralized Siliceous Phyllite**
			S1	216.6	50																w/ 10% SKp bands intercalated
																					dk gy/blk - lt gy laminated
																					PY as massive bands, patches, vnlts
																					CP as blebs assoc. w/ SKp
216.9	221.6	SKpm											10		0.2						**Mineralized Ca Garnet Prograde Skarn**
																					w/ <5% CL retrograde alt'n
																					w/ <5% wkly altered SP intercalated
																					lt yellow/gr - lt red/br mottled, massive, mod. calc., loc. vuggy
																					loc. chalcedonic QZ infilling vugs
																					PY as patches, blebs,
																					CP as blebs
																					219.9-221.6 ~3% CP
																					cnts. grad. over 10cm
221.6	222.5	SP											2								**Siliceous Phyllite**
			S1	222.0	60																grades loc. to SPbh
																					dk gy/blk - lt gy laminated,
																					PY as massive bands, blebs

Diamond Drill Log LD04-04

Date: Logged By: DJH

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
222.5	224.8	Md											-								**Monzonite Dyke**
																					lt-med gy/gr, non-porph, fine gr., non-mag.
																					v. wk. porph. text. near upper cnt. (plag. to 2mm)
																					upper cnt. not observed
																					lower cnt sharp, irreg. (no attitude)
224.8	233.8	SP																			
			S1	226.5	64								tr								**Siliceous Phyllite**
			S1	230.0	70																grades loc. to SPbh
																					dk gy/blk - lt gy laminated
																					PY in vnlts
																					EOH @ 233.8 metres

RQD Log LD04-04

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
9.8			145.4		
11.3	134	89	148.4	231	77
14.3	241	80	151.5	100	32
17.4	269	87	154.5	198	66
20.4	270	90	157.6	210	
23.5	142	46	160.6	169	55
26.5	62	21	163.7	174	58
29.6	21	7	166.7	173	56
32.6	128	43	169.8	266	89
35.7	238	77	172.8	173	56
38.7	98	33	175.9	261	87
41.8	213	69	178.9	270	87
44.8	142	47	182.0	300	100
47.9	179	58	185.0	265	85
50.9	100	33	188.1	284	95
53.9	142	47	191.1	190	61
57.0	110	35	194.1	129	43
60.0	62	21	197.2	165	55
63.1	160	52	200.2	43	14
66.1	193	64	203.3	146	49
69.2	91	29	206.3	n/a	
72.2	215	72	209.4	183	61
75.3	170	55	212.4	12	4
78.3	105	35	215.5	88	29
81.4	49	16	218.5	235	76
84.4	190	63	221.6	282	94
87.5	268	86	224.6	157	51
90.5	100	33	227.7	128	43
93.6	275	89	230.7	84	27
96.6	57	19	233.8	130	43
99.7	149	48			
102.7	142	47	EOH @ 233.8m		
105.8	298	96			
108.8	182	61			
111.9	223	72			
114.9	242	81			
118.0	291	94			
121.0	293	98			
124.0	134	45			
127.1	240	77			
130.1	67	22			
133.2	97	31			
136.2	44	15			
139.3	183	59			
142.3	88	29			
145.4	164	53			

Survey Log LD04-04

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		50		-45.00
150	45.7	10	32	46.00	-44.00
387	118.0	15	37	49.50	-40.50
577	175.9	15	37	50.00	-40.00
767	233.8	15	37	53.50	-36.50

Assay Sample Log LD04-05

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	167.8	no sample								
322097	167.8	168.7			0.9	100	0.162	1.6	340	1230	37
322098	168.7	170.4			1.6	94	0.038	0.6	389	357	31
322099	170.4	172.2			1.8	100	0.065	0.9	474	506	24
322100	172.2	173.1			0.9	100	0.23	3.6	36	1980	31
322101	173.1	174.6			1.4	93	0.062	0.3	222	317	23
322102	174.6	176.1			1.5	100	0.038	0.3	184	158	21
322103	176.1	177.6			1.5	100	0.002	0.1	718	34	15
322104	177.6	179.1			1.5	100	0.002	0.1	723	10	16
322105	179.1	180.5			1.4	100	0.009	0.4	1115	175	14
	180.5	185.6	no sample								
322106	185.6	186.9			1.1	85	0.432	4.2	825	3490	21
322107	186.9	188.4			1.4	93	0.71	5.8	1290	4300	62
322108	188.4	190.0			1.5	94	0.308	2.8	599	2320	16
322109	190.0	191.5			1.5	100	3.98	58.3	882	40600	232
322110	191.5	193.0			0.9	60	0.038	0.9	825	652	19
322111	193.0	194.5			1.4	93	0.021	1	1205	616	16
322112	194.5	196.0			1.5	100	0.041	0.7	893	397	13
322113	196.0	197.5			1.4	93	0.009	0.2	1480	92	12
322114	197.5	199.0			1.5	100	0.081	1.4	755	809	16
322115	199.0	200.0			1.0	100	0.126	4.3	1165	2650	21
322116	200.0	201.7			1.6	94	0.002	0.1	186	40	11
322117	201.7	203.2			1.5	100	0.006	0.1	169	70	19
322118	203.2	204.6			1.4	100	0.01	0.2	56	123	29
322119	204.6	206.1			1.5	100	0.013	0.4	204	126	29
	206.1	233.3	no sample								
322120	233.3	234.8			1.5	100	0.002	0.4	20	144	28
322121	234.8	236.3			1.5	100	0.077	0.6	59	55	16
322122	236.3	237.8			1.4	93	0.077	0.8	76	364	19
322123	237.8	239.2			1.4	100	0.121	1	64	35	15
	239.2	239.9	no sample								
322124	239.9	241.0			1.1	100	0.014	0.1	25	31	23

Assay Sample Log LD04-05

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	241.0	242.1	no sample								
322125	242.1	243.9			1.8	100	0.013	0.1	79	87	28
322126	243.9	245.9			1.9	95	0.044	0.3	104	94	20
	245.9	319.1	no sample								
322127	319.1	319.6			0.5	100	0.029	4.7	66	1365	56
	319.6	327.0	no sample								
322128	327.0	327.5			0.5	100	0.328	5.8	898	1175	167
	327.5	349.3	no sample								
322129	349.3	349.5			0.2	100	0.029	1.8	163	527	54
322130			CGS-2				0.995	2.6	11	11900	81
322131			blank								
	349.5	387.0	no sample								
322132	387.0	388.1			1.1	100	0.051	0.1	272	17	32
322133	388.1	389.3			1.1	92	0.286	0.2	368	110	78
	389.3	391.2	no sample								
322134	391.2	391.9			0.7	100	0.099	1.9	13	954	295
	391.9	393,5	no sample								
322135	393.5	394.0			0.5	100	0.228	0.9	4770	622	32
	394.0	438.0	no sample								
EOH 438.0 m											

Diamond Drill Log LD 04-05

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	11.8	OB																			triconed casing - no core
11.8	22.0	OB																			cored boulders of monzonite and siliceous phyllite
22.0	48.4	SPbh											tr								**Biotite Hornfelsed Siliceous Phyllite**
			S1	26.0	42																grades loc. to phyllitic chert
			S1	31.1	25																lt-med br and lt gy laminated, wkly phyllitic
			S1	43.1	15																PY in <vnlts, dissem.
																					22.0-22.3 rubbly core w/ Fe oxide
																					23.8-24.1 rubbly core w/ Fe oxide
																					24.6-24.7 rubbly core w/ Fe oxide
																					25.4-25.6 cored boulders (reset casing)
																					28.0-28.2 sand, gouge and rubble
																					36.1 gouge and rubble
																					36.9 F2 fold closure; S1=44; S2=67 (note: if S1 strikes N-S, then S2 strikes
																					~015 az)
																					41.3 sand, gouge and rubble
																					44.9-45.1 sand and gouge
																					44.7-48.1 white sericite alt'n
48.4	49.2	Md											1								**Monzonite Dyke**
																					med-lt gy/gr, non-porph, non-mag, fine gr
																					PY in <vnlts
																					cnts. sharp, slightly irreg. @ 55
49.2	50.9	SPbh											tr								**Biotite Hornfelsed Siliceous Phyllite**
			S1	50.4	28																lith. and min. a/a 22.0-48.4
50.9	53.5	Mpd											0								**Porphyritic Monzonite Dyke**
																					w/ 30% plag phenos to 10mm
																					med gy/gr, non-mag, wkly calc.
																					v. wk. saussurite alt'n
																					upper cnt sharp, planar @ 30
																					lower cnt gradational (ie assimilated)

Diamond Drill Log LD 04-05

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
53.5	63.1	Mpd											1								**Porphyritic Monzonite Dyke**
																					pale gy, non-mag, w/ 50% plag phenos to 10mm
																					wk CY alt'n of plag
																					lower cnt. not observed
																					PY as vnlts, <vnlts, dissem
																					57.2 gouge
																					59.9 gouge
																					62.6-62.7 sand, gouge, and rubble
63.1	167.8	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	65.8	45																med-dk br, lt gy laminated, wkly phyllitic
			S1	72.2	33																loc.white sericite (alt'n of Bl laminae?)
			S1	76.6	47																PY in vnlts, <vnlts
			S1	81.4	40																64.9-65.6 sericite alt'n
			S1	87.5	48																66.1-66.3 monzonite dyklet; cnts. not observed
			S1	92.5	45																67.1 gouge
			S1	97.8	54																67.9-68.2 gouge and rubble
			S1	104.3	54																69.1 gouge and rubble
			S1	109.8	50																69.7-69.8 gouge
			S1	113.4	38																75.3-75.4 gouge
			S1	118.6	52																77.2 gouge and rubble
			S1	125.0	55																90.9 gouge
			S1	130.1	50																92.0 gouge
			S1	134.0	62																93.6 35mm wide band, S1 conformable, w/ 30% fine gr. PY; 10% CA
			S1	138.7	53																and tr MO @ upper cnt.
			S1	144.2	57																97.8 10mm wide PY band (vn?), S1 conformable
			S1	148.4	60																109.0 gouge and rubble
			S1	153.4	58																109.2 gouge and rubble
			S1	160.5	50																106.8-107.3 siliceous argillite w/ grad. cnts.
			S1	162.2	42																114.1-116.3 dk gy/blk, wkly phyllitic, wkly laminated, cherty argillite
			S1	166.6	55																122.4-122.7 rubbly core w/ minor gouge
																					124.2-124.4 gouge and rubbly core
																					131.3-133.3 rubbly core
																					132.3-132.5 bxia w/ SP frags in a CY matrix
																					141.3 rubbly core
																					142.5-142.6 rubbly core

Diamond Drill Log LD 04-05

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					63.1-167.8 cont'd
																					144.1-144.3 dk gy/blk cherty argillite (as above 114.1-116.3)
																					145.3-145.5 rubbly core
																					146.1-146.5 rubbly core
																					148.3-148.5 dk gy/blk cherty argillite as above 114.1-116.3
																					148.5-148.8 rubbly core
																					160.6-161.3 lt gy siliceous laminae are broken w/ tapered and angular frags
																					163.8-164.0 chlorite phyllite (mafic tuff protolith?)
																					165.4 gouge and rubbly core
167.8	168.7	SKpm											15								**Mineralized Ca-Garnet Prograde Skarn**
																					lt yellow/gr, massive, w/ 10% siliceous patches
																					loc. dk gr/blk CL/PY retrograde alt'n patches
																					upper cnt. wkly grad. @ 48
168.7	172.2	SKp											3								**Ca-Garnet Prograde Skarn**
																					lt yellow/gr mottled, massive, non-calc
																					168.7-170.4 30% siliceous patches and 5% intercalated SP
																					upper cnt. gradational
																					PY as blebs/patches and in <vnlts
172.2	173.1	Fd											3								**Felsite Dyke**
																					pale cream coloured, aphanitic, mod. calc, non-mag.
																					pervasive ser. alt'n
																					PY/ fine gr. gy QZ irreg. vnlts w/ distinct blue/gr (CL?) halos
																					cnts. sharp and irreg. (no attitudes)
173.1	180.5	SKp											2								**Ca-Garnet Prograde Skarn**
																					w/ 10% felsite frags (possible endoskarn)
																					typical yellow/gr, massive
																					PY as patches/blebs, in <vnlts
																					HS as xtline patches (open space fillings)
180.5	185.6	Md																			Monzonite Dyke
																					med to lt gy/gr, wkly mag., med gr.
																					non mineralized

Diamond Drill Log LD 04-05

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					180.5-185.6 cont'd
																					upper cnt sharp, fairly planar @ 50
																					lower cnt sharp, irreg
185.6	193.0	SKpm											5		2						**Mineralized Ca Garnet Prograde Skarn**
																					typical yellow-gr mottled skarn w/ garnets gen <1mm
																					PY as patches, vnlts, blebs
																					HS as loc xtl aggregations to 20mm
																					CP as blebs and small patches
																					187.4-187.8 post SK mineralized dyke?/vn? w/ gouge @ lower cnt
																					(contains SK frag./xenolith)
																					190.0-191.5 5% CP as patches
193.0	200.0	SPp											1		tr						**Ca Garnet Prograde Skarn**
																					typical lt-med yellow/gr mottled, massive SK w/ garnets gen. < 1mm
																					upper cnt grad. over 1 m
																					lower cnt sharp, planar @ 62
																					PY +/- CA as patches (open space fillings), blebs
																					loc chalcedonic QZ as open space fillings
																					HS as loc patches
																					CP as loc blebs
200.0	201.7	SPp																			**Ca Garnet Prograde Skarn**
																					med gr/gy, massive SK w/ dk gr/yellow garnet xtls to 10mm
																					no sde mineralization
																					lower cnt grad over 20mm
201.7	204.6	SKp											1								**Ca-Garnet Prograde Skarn**
																					lt yellow/gr, fine gr, garnet skarn w/ 15% CA and loc siliceous patches
																					PY as patches/blebs
																					HE in <vnlts
																					lower cnt sharp, planar, S1 conformable @ 45
204.6	205.3	SPbh											2								**Biotite Hornfelsed Siliceous Phyllite**
																					med/dk br-lt gy laminated, mod phyllitic
																					Py in <vnlts, and as blebs

Diamond Drill Log LD 04-05

Date: Logged By: DJH Page 5/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					204.6-205.3 cont'd
																					BI rich laminae loc altered to sericite
205.3	206.1	SKp											2								**Ca-Garnet Prograde Skarn**
																					med yellow/gr, massive, non-calc
																					PY as blebs, small patches
																					tr red,earthy HE in <vnlts and as borders on crypto-xtline QZ patches
																					upper cnt sharp, planar, S1 conformable @ 52
																					lower cnt wkly grad, planar, S1 conformable @ 44
206.1	233.3	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	207.8	42																dk br-lt gy laminated, modly phyllitic
			S1	211.4	50																PY as blebs, <vnlts, irreg vnlts
			S1	218.8	52																211.8-211.9 rubbly core w/o gouge
			S1	223.6	42																219.7-219.8 rubbly core w/o gouge
			S1	228.7	50																233.1-233.3 mylonitized cnt
			S1	232.6	50																
233.3	236.7	QZv											15								**Mineralized Quartz Vein**
																					(possible post Skarn silicified zone)
																					frags of skarn and monzonite in a siliceous matrix
																					10-15% CB
																					PY as large patches/blebs
																					loc SK bands @ 52
																					upper cnt sharp, planar @ 52
																					lower cnt v. irreg
236.7	239.2	Mdm											15								**Mineralized and Altered Monzonite Dyke?**
																					strong silicification and sauss. w/10% CA
																					10% white QZ patches
																					loc. Skarn bands and patches (ie incip. exoskarn?)
																					PY as large patches/blebs
																					lower cnt obscurred by massive PY patch
239.2	240.3	SPbh											tr								**Biotite Hornfelsed Siliceous Phyllite**
			S1	239.2	47																br-lt gy/wh, modly phyllitic

Diamond Drill Log LD 04-05

Date: Logged By: DJH Page 6/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					239.2-240.3 cont'd
																					PY in vnlts w/ QZ and as scattered blebs
																					240.2-240.3 incip SK devel. w/ 7% PY blebs
240.3	241.0	Mdm																			**Mineralized and Altered Monzonite Dyke?**
																					lith and alt'n as above 236.7-239.2
																					upper cnt not observed
																					lower cnt not observed
241.0	242.1	SPbh											tr								**Biotite Hornfelsed Siliceous Phyllite**
			S1	241.3	50																br-lt gy laminated, modly phyllitic
																					PY as blebs
																					small SK patches near lower cnt
242.1	245.9	SKp											2								**Ca Garnet-CPx Prograde Skarn**
			S1	242.4	49																lt gr and yellow/gr mottled, wkly laminated (SP protolith?)
																					10-15% CB
																					PY as blebs/patches
																					tr HS xtls
																					minor chalcedonic QZ as open space fillings
																					upper cnt sharp, slightly irreg, x-cuts S1 @ 30
																					lower cnt grad
245.9	254.2	SPbh											tr								**Biotite Hornfelsed Siliceous Phyllite**
			S1	249.1	45																br-lt gy laminated, mod phyllitic
			S1	253.6	55																PY as <vnlts (irreg)
																					lower cnt not observed
																					253.7 CL/PY band @ 55
254.2	327.2	SP											tr	tr	tr						**Siliceous Phyllite**
			S1	261.5	59																grades loc to dark gy, massive siliceous argillite
			S1	267.3	55																dk gy-lt gy laminated, wk to mod phyllitic
			S1	270.1	65																loc.ser alt'n
			S1	278.6	65																grades loc to SPbh and phyllitic chert
			S1	283.2	70																PY as blebs, in vnlts, in <vnlts
			S1	288.2	65																PO as blebs

Diamond Drill Log LD 04-05

Date: Logged By: DJH Page 7/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
			S1	295.0	66																**254.2-327.2 cont'd**
			S1	300.9	68																CP as blebs w/ PO
			S1	306.6	57																265.3-265.4 rubbly core w/o gouge
			S1	311.5	65																267.2 "S" symmetry F2 fold
			S1	316.1	50																273.6-274.5 wkly to strly brecciated w/ siliceous frags in a fine gr matrix
			S1	321.9	60																274.9 band of massive, coarse PY x-cuts S1
																					280.9-281.3 QZ band w/ grad cnts
																					310.0-310.6 SPbh w/ grad cnts
																					316.3 gouge @ 50 (parallel to S1)
																					319.3-319.5 altered w/ 15% PY as irreg bands that x-cut S1, tr CP
																					320.6 "S" symmetry F2 minor folds
327.2	327.5	MS											90		0.5						**Massive Pyrite**
																					massive coarse gr pyrite w/ CP as blebs
																					upper cnt x-cuts S1, irreg
																					lower cnt sharp, irreg
327.5	330.9	LS																			**Limestone**
																					med gy, xtline, w/ <5% irreg dk gy/blk argillaceous patches
																					non-mineralized
330.9	341.4	SP											1								**Siliceous Phyllite**
			S1	330.9	33																dk gy/blk-lt gy laminated, wk to mod phyllitic
			S1	335.2	62																grades loc to phyllitic chert and SPbh
			S1	339.2	69																PY as <vnlts, blebs, and in siliceous comp layers
																					S1 loc contorted; minor cataclastic text
341.4	349.3	Md											0								**Monzonite Dyke (post Skarn)**
																					dk gy/gr, wkly porphyritic, non-mag
																					upper cnt irreg @ ~46 w/ stoped frags
																					PY on <vnlts
																					wkly alt'd borders on fracts
349.3	356.1	LS											-								**Limestone**
			S0	356.1	46																med gy, massive
																					349.3-349.5 SKpm w/ 20% coarse PY and yellow/gr Ca Garn Sk

Diamond Drill Log LD 04-05

Date: Logged By: DJH Page 8/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					349.3-356.1 cont'd
																					**looks like footwall skarn has been intruded by a monzonite dyke-bad luck!
																					lower contact of SK @ 42; SK w/20% CB patches suggesting LS protolith
																					lower contact sharp, planar @ 46
356.1	359.9	SP											1								**Siliceous Phyllite**
			S1	358.9	54																dark gy to black, laminated, mod. phyllitic
																					PY as clots, patches, <vnlts
																					fold nose or LS frag near upper cnt
359.9	360.4	LS											-								**Limestone**
																					med gy, massive w/ 10% dk gy patches
																					upper cnt sharp, fairly planar @ 50
																					lower cnt sharp, planar @ 85
360.4	364.6	SP											1								**Siliceous Phyllite**
			S1	363.0	58																dk gy/blk laminated, wk to mod phyllitic
																					PY in siliceous bands parallel to S1, <vnlts
																					358.6-358.7 rubbly core
																					360.8-360.9 rubbly core w/gouge
364.6	365.8	PC											-								**Phyllitic Chert**
			S1	365.0	60																lt gy metachert w/ 5% lt br/wh laminae, wkly phyllitic
																					no sdes
365.8	373.8	SP											1								**Siliceous Phyllite**
			S1	367.4	60																dk gy/blk laminated, wk to mod phyllitic
			S1	371.1	55																PY as specks, <vnlts, siliceous bands parallel S1
																					370.1-370.4 LS w/ sharp cnts, S1 conformable
373.8	376.7	LS											-								**Limestone**
																					med gy, massive, w/ 3% contorted argillaceous laminae (styolitic)
																					upper cnt sharp, planar, S1 conformable @ 40
																					lower cnt sharp, fairly planar, S1 conformable @ 75

Diamond Drill Log LD 04-05

Date: Logged By: DJH Page 9/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
376.7	379.1	SP											1								**Siliceous Phyllite**
																					dk gy/blk, wkly laminated, wkly phyllitic
																					wkly BI hormfelsing
																					S1 surfaces loc. irreg
																					wk ser +/- CL alt'n
																					PY in <vnlts
379.1	381.9	LS											-								**Limestone**
																					med gy w/ 5% contorted dk gy laminae
																					upper cnt sharp, planar, S1 conformable @ 56
																					lower cnt sharp, fairly planar, S1 conformable @ 54
381.9	385.7	SP												tr							**Siliceous Phyllite w/ 15% intercalated Limestone**
																					dk gy/blk laminated, wkly phyllitic
																					loc. ser. alt'n
																					PO as small patches/blebs
385.7	387.0	LS																			**Limestone**
																					med gy, massive w/ 3% irreg arg. laminae
																					upper cnt sharp, fairly planar @ 22
																					lower cnt sharp, planar @ 39
387.0	389.3	SKp												0.5							**CPx Prograde Skarn**
																					med gy/gr, massive to loc. weakly laminated, calcareous
																					w/ 5% limestone remnants
																					loc ca garnet skarn dev.
																					PO as small patches/blebs (5% over last 0.3 metres)
389.3	391.2	SP											1	tr							**Siliceous Phyllite**
																					dk gy/blk wkly laminated, wkly phyllitic
																					mod fracts w/ CL
																					loc ser. alt'n as borders on <vnlts
																					PY in <vnlts; PO in vnlts and as blebs
391.2	391.9	SKpm											3	5.0	0.5						**Mineralized CPx Prograde Skarn**
																					lith as above 387.0-389.3

Diamond Drill Log LD 04-05

Date: Logged By: DJH Page 10/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					391.2-391.9 cont'd
																					loc CL+? retrograde alt'n
																					PO as patches
																					CP as blebs
																					CP as blebs w/PO
																					PY as small patches/blebs
																					cnts sharp, irreg.
391.9	393.5	SP											tr								**Siliceous Phyllite**
																					dk gy/blk wkly laminated, wkly phyllitic
																					loc sericite alt'n
																					PY in <vnlts
																					CL in <vnlts
393.5	394.0	SKpm											10	3	1			2			**Mineralized CPx Prograde Skarn**
																					minor dk gr/blk CL retrograde alt'n
																					med gr, massive w/ 25% SP intercalated
																					PY as irreg patches
																					PO as irreg patches
																					CP as blebs w/ PO
																					AS as blebs w/ PY
																					cnts grad over several cms
394.0	431.9	SP											tr	tr							**Siliceous Phyllite**
			S1	396.3	60																dk gy/blk wkly to well laminated, wkly to strly phyllitic
			S1	404.7	59																PY in <vnlts, vnlts
			S1	407.1	65																PO as blebs
			S1	413.0	55																grades loc to lt gy phyllitic chert
			S1	418.1	18																402.0-402.1 gouge
			S1	419.2	0																413.0 "S" symmetry minor fold
			S1	421.2	5																417.5 rubbly core w/ minor gouge
			S1	423.7	40																418.1-423.0 large F2 fold closure
			S1	428.9	54																423.7 minor gouge
431.9	434.0	Md											1								**Monzonite Dyke**
																					med gy/gr, non-porph, wkly mag.

Diamond Drill Log **LD 04-05**

Date: Logged By: DJH Page 11/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					431.9-434.0 cont'd
																					upper cnt ~S1 conformable @ 52
																					lower cnt x-cuts S1 @ 62
																					PY as dissems, in vnlts
434.0	438.0	SP											1								**Siliceous Phyllite**
																					dk gy/blk mod laminated, mod phyllitic
																					PY in siliceous bands, <vnlts (irreg)
																					EOH @ 438.0 metres

RQD Log LD04-05

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
11.8			145.4		
14.3	64	26	148.4	145	48
17.4	0	0	151.5	161	52
20.4	13	4	154.5	225	75
23.5	68	22	157.6	236	76
26.5	64	21	160.6	164	55
29.6	74	24	163.7	241	78
32.6	75	25	166.7	106	35
35.7	260	84	169.8	249	80
38.7	259	86	172.8	301	100
41.8	219	71	175.9	303	98
44.8	131	44	178.9	286	95
47.9	236	76	182.0	277	89
50.9	225	75	185.0	246	82
53.9	187	62	188.1	234	75
57.0	138	45	191.1	282	94
60.0	167	56	194.1	213	71
63.1	21	7	197.2	266	86
66.1	150	50	200.2	284	95
69.2	96	31	203.3	286	92
72.2	116	39	206.3	231	77
75.3	99	32	209.4	129	42
78.3	98	33	212.4	226	75
81.4	181	58	215.5	283	91
84.4	290	97	218.5	188	63
87.5	260	84	221.6	142	46
90.5	169	56	224.6	238	79
93.6	156	50	227.7	232	75
96.6	194	65	230.7	206	69
99.7	110	35	233.8	143	46
102.7	140	47	236.8	285	95
105.8	127	41	239.9	301	97
108.8	129	43	242.9	289	96
111.9	210	68	246.0	279	90
114.9	277	92	249.0	203	68
118.0	120	39	252.1	223	72
121.0	290	97	255.1	227	76
124.0	95	32	258.2	196	63
127.1	234	75	261.2	244	81
130.1	113	38	264.2	247	82
133.2	16	5	267.3	178	57
136.2	65	22	270.3	236	79
139.3	233	75	273.4	272	88
142.3	129	43	276.4	241	80
145.4	150	48	279.5	256	83

RQD Log LD04-05

Date: Page: 2

282.5	222	1	422.7	31	0
285.6	191	62	425.8	106	34
288.6	221	74	428.8	296	99
291.7	181	58	431.9	212	68
294.7	176	59	434.9	229	76
297.8	294	95	438.0	239	77
300.8	266	89			
303.9	201	65	EOH @ 438.0m		
306.9	217	72			
310.0	280	90			
313.0	254	85			
316.1	273	88			
319.1	206	69			
322.2	211	68			
325.2	148	49			
328.3	267	86			
331.3	158	53			
334.3	191	64			
337.4	170	55			
340.4	164	55			
343.5	194	63			
346.5	165	55			
349.6	216	70			
352.6	241	80			
355.7	299	96			
358.7	187	62			
361.8	129	42			
364.8	153	51			
367.9	54	17			
370.9	148	49			
374.0	151	49			
377.0	246	82			
380.1	122	39			
383.1	278	93			
386.2	272	88			
389.2	286	95			
392.3	292	94			
395.3	200	67			
398.4	152	49			
401.4	184	61			
404.4	183	61			
407.5	125	40			
410.5	104	35			
413.6	261	84			
416.6	130	43			
419.7	205	66			

Survey Log LD04-05

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		53		-65.00
150	45.7	28	50	26	-64.00
300	91.4	29	51	27.75	-62.25
450	137.2	27	49	30.25	-59.75
600	182.9	27.5	49.5	31	-59.00
758	231.0	33	55	33.5	-56.50
900	274.3	42	64	36	-54.00
1150	350.5	38	60	40	-50.00
1437	438.0	50	72	42.35	-47.65

Assay Sample Log LD04-06

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	17.4	no sample								
322136	17.4	18.4			0.9	90	0.619	1.4	22	868	30
322137	18.4	19.1			0.7	100	0.191	0.9	198	551	29
322138	19.1	20.8			1.6	94	0.046	0.5	22	234	26
	20.8	26.4	no sample								
322139	26.4	27.2			0.8	100	0.023	0.4	12	154	30
	27.2	42.0	no sample								
322140	42.0	43.3			1.3	100	0.188	4.2	10	2860	22
	43.3	48.7	no sample								
322141	48.7	50.3			1.6	100	0.154	1.2	127	464	25
	50.3	50.9	no sample								
322142	50.9	52.4			1.5	100	0.141	3.6	226	1950	19
322143	52.4	53.4			1	100	0.045	0.6	48	165	21
	53.4	70.6	no sample								
322144	70.6	71.3			0.7	100	0.139	1.1	150	470	22
	71.3	76.3	no sample								
322145	76.3	77.4			1.1	100	0.424	7.9	258	3270	60
	77.4	124.9	no sample								
322146	124.9	126.6			1.6	94	0.023	0.1	241	24	25
	126.6	133.9	no sample								
322147	133.9	135.6			1.7	100	0.735	1.6	329	645	26
322148	135.6	136.9			1.3	100	0.067	0.1	310	15	22
322149	136.9	138.3			1.3	93	0.340	0.1	179	39	24
	138.3	140.2	no sample								
322150			standard				0.933	2.4	19	11600	91
322151			blank				0.011	0.1	6	140	47
322152	140.2	141.8			1.6	100	0.040	0.1	191	39	19
322153	141.8	143.5			1.7	100	0.126	0.3	273	144	23
	143.5	145.1	no sample								
322154	145.1	146.6			1.5	100	0.045	0.4	202	276	14
322155	146.6	148.1			1.5	100	0.065	1.6	192	629	20
322156	148.1	149.6			1.5	100	0.863	0.1	256	102	17

Assay Sample Log LD04-06

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
322157	149.6	150.8			1	83	0.009	0.1	168	170	9
	150.8	159.0	no sample								
322158	159.0	160.1			1.1	100	2.540	1.8	267	670	32
	160.1	179.9	no sample								
322159	179.9	181.2			1.3	100	0.394	10.2	186	4710	70
	181.2	189.2	no sample								
322160	189.2	190.8			1.6	100	0.029	0.2	80	126	39
	190.8	192.2	no sample								
322161	192.2	193.6			1.4	100	0.043	0.4	42	138	39
322162	193.6	194.8			1.2	100	0.018	0.3	41	107	43
	194.8	200.2	no sample								
EOH @ 200.2 m											

Diamond Drill Log LD 04-06

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	17.4	O/B																			**Overburden**
																					triconed - no core
17.4	17.7	SKrm											10								**Pyritic Retrograde Skarn**
																					dk gr, wkly calc., CL+ACT? rich skarn
																					PY as small patches/blebs, dissems.
17.7	18.4	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
																					pervaisive CL alt'n
																					w/ 5% patches of unaltered SPbh
																					pale gr/gy, wkly laminated, wkly phyllitic
																					PY as dissems. and in <vnlts
18.4	19.1	SKpm											10								**Pyritic Ca Garnet Prograde Skarn**
																					grad. loc. to CL+ACT retrograde skarn and siliceous phyllite
																					pale red/br, wkly calc to mod in retrograde, massive
																					PY as patches/blebs
19.1	42.1	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	21.9	60																variably CL alt'd to 20.9
			S1	26.5	60																grades loc. to phyllitic chert
			S1	35.0	56																PY in <vnlts w/ CL selveges and as dissems.
			S1	40.1	48																med/dk br-lt gy laminated, wkly phyllitic
																					20.7-20.8 SKpm band, S1 conformable @ 65
																					26.1-26.3 dk gr, non-mag, non-calc, massive mafic tuff w/ 5% dk gr/blk spots
																					26.4-27.2 QZ vn? w/ 5% PY loc. (possible phyllitic chert); no cnts observed
																					26.7-26.8 SKpm w/ minor retrograde alt'n, 3% EP, 5% PY
																					37.2-37.5 PY+ser alt'd rx w/ 20% PY; cnts grad
42.1	43.2	MZ											25		tr						**Mineralized and Altered Rock**
																					lt gy, sericite+pyrite+qz altered; possible monzonite protolith
																					cnts grad over 10cms
																					PY as dissems, in patches/blebs
43.2	48.7	SPbh											tr								**Biotite Hornfelsed Siliceous Phyllite**
			S1	46.3	30																dk/med br-lt gy laminated, wkly phyllitic

Diamond Drill Log LD 04-06

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					43.2-48.7 cont'd
																					grades loc to phyllitic chert
																					PY in <vnlts
48.7	50.3	SKpm											15		0.3						**Mineralized Ca Garnet Prograde Skarn**
																					lt red/br & lt yellow/gr mottled, fairly massive, wkly calc. SK
																					w/ 20% lt gy/gr, wkly calc. patches
																					upper cnt sharp, irreg
																					lower cnt sharp, planar, S1 conformable @ 55
																					PY as patches, interstitial to garnet xtls.
																					CP as blebs
50.3	50.9	SPa											2								**Altered Biotite Hornfelsed Siliceous Phyllite**
																					lt gy/gr, sericite altered, laminated, wkly phyllitic
																					(note: post alt'n vnlts have narrow SK halos)
																					grades loc. to SKpm
																					PY mostly assoc. w/ SKpm band as patches, blebs, dissems
50.9	52.4	SKpm											15		tr						**Mineralized Ca Garnet Prograde Skarn**
																					lith & min as above 48.7-50.3
																					CP as small blebs
																					upper cnt sharp, irreg
																					lower cnt sharp, planar, S1 conformable @ 54
52.4	70.6	SPbh											2								**Biotite Hornfelsed Siliceous Phyllite**
			S1	53.4	58																med br-lt gy laminated, wkly phyllitic
			S1	58.5	52																grades loc to siliceous phyllite
			S1	64.1	63																loc atlered to ser+CL
			S1	69.3	68																loc SK bands intercalated
																					PY in <vnlts, vnlts
																					52.4-52.8 strong sericite alt'n w/ 5% PY
																					54.4-54.6 SK band; lower cnt not observed; upper cnt sharp, S1 conformable
																					54.7 gouge
																					55.6-55.8 SK band w/ cnts sharp, planar, S1 conformable
																					56.3-57.5 strongly fractured to loc. brecciated w/ dk gr CL rich matrix
																					59.1-59.3 SK band w/ pale red/br garnets; sharp irreg cnts

Diamond Drill Log LD 04-06

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					52.4-70.6 cont'd
																					60.5-62.5 0.3m core recovered, gouge & rubble (fault zone)
70.6	71.3	SKpm-SP											7								**Mineralized Ca Garnet Incipient Prograde Skarn**
																					patchy devopment of lt red/br Ca garnets in well laminated SP where SK not
																					pervasive
																					PY as patches/blebs
																					cnts irreg and grad.
71.3	76.3	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	74.8	57																med br-lt gy laminated, wkly phyllitic w/ minor SK intercalated
																					loc sericite+CL alt'n
																					PY in vnlts and as dissems.
																					71.9-72.0 SKpm w/ grad cnts
76.3	77.4	SKpm											7		0.3						**Mineralized Ca Garnet Incipient Prograde Skarn**
																					lt gr & lt red/br mottled, massive, wkly calc SK w/ minor SP intercalated
																					grades loc. to wk CL retrograde SK
																					PY as patches/blebs
																					CP as small blebs
77.4	89.3	SPbh											<1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	80.3	54																med br-lt gy laminated, wkly phyllitic
			S1	85.0	63																minor CL alt'n proximal to PY vnlts
			S1	88.5	52																S1 loc. irreg and contorted
																					PY as blebs and in <vnlts
																					0.2 m healed bxia @ lower cnt
89.3	102.5	Mpd											1								**Porphyritic Monzonite Dyke**
																					lt gy, non-mag, crowded porphyry w/ 40% feld. phenos to 5mm, 5% mafics
																					v. wk sauss atl'n
																					PY as dissems.
																					upper cnt sharp, planar @ 45
																					lower cnt not observed

Diamond Drill Log LD 04-06

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
102.5	107.3	SPbh											<1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	106.0	51																lt br-lt gy laminated, wkly phyllitic
																					S1 loc. irreg to contorted
																					PY in <vnlts
																					105.5 gouge
107.3	108.7	Md											tr								**Monzonite Dyke**
																					med. gy/gr, fine gr., non-mag, non-calc, post mineral
																					PY as dissems.
																					upper cnt not observed
																					lower cnt sharp, irreg
108.7	124.9	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	110.1	49																lt br-lt gy laminated, wkly phyllitic
			S1	117.8	65																S1 loc irreg
			S1	122.0	60																PY as blebs, and in <vnlts
																					114.6-114.7 SKp band; S1 conformable
																					115.2 "S" symmetry F1 minor fold
																					116.4 rubbly core w/ gouge
																					122.6-122.7 bxia zone
124.9	126.6	SKp											1								**Ca-Garnet Prograde Skarn**
																					lt gr-lt red/br mottled, massive, loc wkly calc
																					w/ loc dk gr/blk CL retrograde spots
																					PY as blebs
																					upper cnt sharp, planar, S1 conformable @ 47
																					lower cnt sharp, planar, @ 85; x-cuts S1
126.6	133.9	SP											1		tr						**Siliceous Phyllite**
			S1	128.4	65																grades loc. to SPbh
			S1	133.3	50																dk gy/blk-lt gy laminated, wkly phyllitic
																					loc SK bands to 1cm; near upper cnt
																					loc CL alt'n near upper cnt and proximal to massive sulfide band
																					PY in <vnlts, patches/blebs
																					CP as blebs assoc. w/ massive sulfide band
																					130.6 3cm massive PY+tr CP band; x-cuts S1

Diamond Drill Log LD 04-06

Date: Logged By: DJH Page 5/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
133.9	135.6	SKrm											15		tr						**Mineralized Ca-Garnet Prograde Skarn (incipient retrograde alt'n)**
																					lt red/br-wh patchy coloration, massive, wkly calc, loc vuggy
																					loc CL+PY retrograde assemblage
																					PY as patches
																					CP as blebs
																					1% HS as small patches
																					tr SB xtls to 4mm long
																					upper cnt not observed due to broken core
																					lower cnt grad. over 20 cms.
135.6	138.3	SKp											2								**Ca-Garnet Prograde Skarn**
																					lt yellow/gr and lt red/br patches, massive, wkly calc; v. fine gr
																					minor patches of CL+PY retrograde alt'n
																					PY as patches, and in <vnlts
																					lower cnt sharp, irreg; x-cuts S1
138.3	140.2	SPa											1								**Sericite Altered Siliceous Phyllite**
			S1	138.8	60																lt gy (loc med/dk gy), laminated, wkly phyllitic
																					PY as patches, and in vns
																					post SK bxia at lower cnt
140.2	143.5	SKp											2								**Ca-Garnet Prograde Skarn**
																					lith & min a/a 135.6-138.3
																					PY as patches/blebs
																					loc. vuggy w/ large PY cubes
																					upper cnt sharp, planar @ 57
																					lower cnt sharp, irreg
																					patch of SP near lower cnt
143.5	145.1	SPa											<1								**Sericite Altered Siliceous Phyllite**
			S1	144.3	61																lith & alt'n a/a 138.3-140.2
																					loc SK bands w/ sharp irreg cnts
																					PY in <vnlts, blebs, patches assoc w/ SK bands
																					144.5 healed bxia w/ dk gy matrix

Diamond Drill Log LD 04-06

Date: Logged By: DJH Page 6/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
145.1	150.8	SKp											2								**Ca-Garnet Prograde Skarn**
																					lith & alt'n a/a 135.6-138.3
																					loc. CL retrograde alt'n
																					HE (red, earthy) in <vnlts
																					PY in patches/blebs, <vnlts
																					upper cnt grad. over 20mm
																					lower cnt sharp, planar @ 60
150.8	151.7	SPbx											1								**Brecciated Siliceous Phyllite**
																					incip to strongly bxiated w/ up to 10% siliceous matrix
																					PY as blebs
151.7	156.0	MPd											-								**Porphyritic Monzonite Dyke**
																					lt gr/gy, non-mag, non-calc,fine gr, w/ 25% euhedral felds. phenos
																					upper cnt sharp, irreg
																					lower cnt sharp, planar @ 45
156.0	159.0	SPbh											tr								**Biotite Hornfelsed Siliceous Phyllite**
																					lt br/gy laminated, wkly phyllitic, loc. bxiated
																					grades loc to phyllitic chert in upper part of int
																					PY in vnlts, <vnlts
																					bxiated lower cnt
159.0	160.1	SKp											2								**Ca-Garnet Prograde Skarn**
																					lith a/a 135.6-138.3
																					grades loc to ca garnet-CPx skarn
																					PY as irreg patches
																					upper cnt sharp, slightly irreg
																					lower cnt sharp, v. irreg (photographed to show SK forming from SP)
160.1	179.9	SP											1								**Siliceous Phyllite w/ loc. Skarn bands**
			S1	163.8	65																dk gy/blk wkly laminated, wkly phyllitic
			S1	176.8	68																grades loc to SPbh
																					loc sericite alt'n
																					loc <vnlts w/ fine garnet & dk gr/blk CL halos (retrograde alt'n?)
																					loc strongly bxiated w/ fine gr siliceous matrix

Diamond Drill Log LD 04-06

Date: Logged By: DJH Page 7/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					160.1-179.9 cont'd
																					PY in vnlts, <vnlts, bxia matrix
179.9	181.2	SKpm											5		1						**Mineralized Ca-Garnet Prograde Skarn**
																					w/ 10% SP intercalated
																					PY as patches
																					CP as patches/blebs
																					upper cnt sharp, planar @ 75
																					lower cnt sharp, wkly irreg @ 52
181.2	189.2	SP											1								**Siliceous Phyllite**
																					lith & alt'n a/a 160.1-179.9
																					PY in <vnlts
																					187.9-188.1 SK band w/ sharp, irreg cnts
189.2	190.8	SKp											2								**Ca-Garnet Prograde Skarn**
																					w/ minor CL+CB+MO? retrograde bands
																					lt yellow/gr & lt red/br mottled, massive, wkly calc
																					PY as patches
																					upper cnt sharp, irreg
																					lower cnt sharp, irreg
190.8	192.2	SP											<1								**Siliceous Phyllite**
			S1	192.0	55																lith & alt'n a/a 160.1-179.9
																					PY in <vnlts
192.2	194.8	SKp-SP											1		tr						**Incipient Ca-Garnet Prograde Skarn**
																					Ca garnet & CPx bands and patches developed in siliceous phyllite
																					PY in <vnlts, patches/blebs
																					CP in blebs assoc w/ MO?
																					193.1-193.6 massive SKp
																					194.2-194.8 massive SKp
																					upper cnt grad over 10cm
																					lower cnt sharp, planar @ 85

Diamond Drill Log LD 04-06

Date: Logged By: DJH Page 8/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
194.8	200.2	SP											1								**Siliceous Phyllite**
			S1	195.3	60																med to drk gy/blk laminated, wkly phyllitic
			S1	197.0	73																PY as small patches, <vnlts
																					197.3 5cm wide SK band; S1 conformable
																					EOH @ 200.2 metres

RQD Log LD04-06

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
17.4			151.5		
20.4	88	29	154.5	111	37
23.5	139	45	157.6	132	43
26.5	239	80	160.6	124	41
29.6	248	80	163.7	49	16
32.6	220	73	166.7	132	44
35.7	176	57	169.8	21	7
38.7	119	40	172.8	35	12
41.8	101	33	175.9	64	21
44.8	113	38	178.9	62	21
47.9	171	55	182.0	138	45
50.9	268	89	185.0	66	22
53.9	246	82	188.1	106	34
57.0	177	57	191.1	219	73
60.0	92	31	194.1	192	64
63.1	63	20	197.2	188	61
66.1	199	66	200.2	170	57
69.2	165	53			
72.2	202	67	EOH @ 200.2m		
75.3	119	38			
78.3	207	69			
81.4	21	7			
84.4	199	66			
87.5	115	37			
90.5	213	71			
93.6	157	51			
96.6	256	85			
99.7	244	79			
102.7	265	88			
105.8	137	44			
108.8	116	39			
111.9	107	35			
114.9	117	39			
118.0	83	27			
121.0	149	50			
124.0	108	36			
127.1	234	75			
130.1	165	55			
133.2	167	54			
136.2	171	57			
139.3	222	72			
142.3	184	61			
145.4	207	67			
148.4	215	72			
151.5	236	76			

Survey Log LD04-06

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		45		-45
157	47.9	22.5	44.5	46	-44
307	93.6	21	43	47.25	-42.75
457	139.3	21.5	43.5	48	-42
607	185.0	26	48	49	-41

Assay Sample Log LD04-07

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	12.2	no sample								
322163	12.2	14.3			1.7	81	0.187	0.6	403	765	26
322164	14.3	15.7			1.4	100	0.984	0.9	521	922	19
322165	15.7	17.4			1.7	100	0.108	1.0	92	801	42
322166	17.4	18.9			1.4	93	0.121	1.0	11	760	27
	18.9	21.5	no sample								
322167	21.5	22.5			1.0	100	0.055	0.7	35	433	21
	22.5	45.8	no sample								
322168	45.8	47.5			1.6	94	0.026	0.3	26	159	22
322169	47.5	48.9			1.4	100	0.028	0.3	27	135	22
	48.9	59.8	no sample								
322170			standard				0.919	2.6	20	11900	95
322171			blank				0.014	0.1	3	142	49
322172	59.8	61.3			1.5	100	0.033	0.9	21	360	24
322173	61.3	62.2			0.9	100	0.100	1.2	41	672	30
322174	62.2	63.1			0.9	100	0.031	0.8	16	579	28
322175	63.1	64.6			1.5	100	0.015	1.0	96	114	35
322176	64.6	66.1			1.5	100	0.056	0.3	141	80	22
322177	66.1	67.2			1.1	100	0.040	2.2	97	1655	48
322178	67.2	68.2			1.0	100	0.181	3.1	23	2060	29
322179	68.2	69.5			1.3	100	0.095	2.5	57	1060	31
322180	69.5	70.5			1.0	100	0.202	3.2	28	1690	37
322181	70.5	71.5			1.0	100	0.178	3.0	208	1775	44
322182	71.5	73.1			1.6	100	0.234	1.1	399	451	38
322183	73.1	74.8			1.6	94	0.381	3.3	323	2050	35
322184	74.8	76.5			1.7	100	0.119	0.5	248	233	39
322185	76.5	78.0			1.5	100	0.239	4.1	140	2520	37
322186	78.0	79.4			1.3	93	0.117	2.4	156	1230	35
322187	79.4	80.9			1.5	100	0.197	4.0	114	1870	47
322188	80.9	82.4			1.5	100	0.133	1.3	162	1005	34
322189	82.4	83.6			1.2	100	0.207	1.1	257	166	35
322190			standard				0.922	2.5	7	11900	93

Assay Sample Log LD04-07

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
322191			blank				0.010	0.1	8	130	46
322192	83.6	85.1			1.5	100	0.077	1.5	118	990	40
322193	85.1	87.0			1.9	100	0.140	1.3	132	748	39
322194	87.0	88.8			1.8	100	0.080	0.6	569	347	33
322195	88.8	90.5			1.7	100	0.130	0.8	70	278	50
322196	90.5	92.4			1.9	100	0.112	1.6	29	929	29
	92.4	115.7	no sample								
322197	115.7	117.4			1.7	100	0.201	3.3	55	1645	30
	117.4	143.6	no sample								
322198	143.6	145.3			1.7	100	0.072	1.2	66	675	25
322199	145.3	146.6			1.3	100	0.009	0.3	28	59	22
322200	146.6	147.4			0.8	100	0.057	0.7	48	404	27
	147.4	150.9	no sample								
322201	150.9	152.3			1.4	100	0.088	0.4	106	258	23
	152.3	173.1	no sample								
322202	173.1	174.1			1.0	100	0.073	0.3	118	388	9
322203	174.1	175.5			1.4	100	0.132	0.8	447	169	11
322204	175.5	176.9			1.4	100	0.050	0.8	317	16	4
322205	176.9	178.9			2.0	100	0.026	0.7	341	25	11
	178.9	212.2	no sample								
322206	212.2	213.8			1.5	94	0.043	0.7	107	132	72
322207	213.8	215.4			1.5	94	0.098	1.1	147	237	64
322208	215.4	216.9			1.5	100	0.120	3.6	280	1735	71
	216.9	224.7	no sample								
322209	224.7	226.2			1.5	100	0.064	0.7	134	34	22
322210			standard				0.903	2.5	18	12200	88
322211			blank				0.006	0.1	4	130	47
322212	226.2	227.7			1.5	100	0.063	0.2	133	16	12
322213	227.7	229.2			1.5	100	0.078	0.6	174	189	53
	229.2	238.2	no sample								
322214	238.2	239.9			1.6	94	0.083	0.7	249	198	61
	239.9	246.5	no sample								

Assay Sample Log LD04-07

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
322215	246.5	247.8			1.3	100	0.119	1.5	112	866	35
	247.8	268.0	no sample								
322216	268.0	269.0			1.0	100	0.010	0.3	65	35	19
322217	269.0	270.4			1.4	100	0.034	3.1	81	12	6
322218	270.4	271.9			1.5	100	0.045	0.7	126	11	16
322219	271.9	273.4			1.5	100	0.007	0.1	150	23	11
322220	273.4	274.9			1.5	100	0.040	0.6	214	408	25
322221	274.9	276.5			1.6	100	0.143	1.1	618	574	26
	276.5	297.8	no sample								
EOH @ 297.8 m											

Diamond Drill Log LD 04-07

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	12.2	O/B																			**Overburden**
																					triconed casing (no core)
12.2	15.7	SKpm											15								**Mineralized Ca-Garnet Prograde Skarn**
																					yellow/gr & lt red/br mottled, massive, fine to med gr, non-calc
																					loc. vuggy
																					PY as patches, vns, vnlts
																					v. minor dk gr CL retrograde alt'n patches
15.7	17.4	SKrm											15								**Mineralized Chlorite Retrograde Skarn**
																					w/relict SP patches and 10% SKpm bands intercalated
																					dk gr & lt gy mottled
																					interpretation: interval is gradational from SP to SK and has been incompletly
																					retrograde atl'd to CL
																					PY as patches, vns, vnlts
																					upper cnt sharp, planar @ 60
																					lower cnt sharp, irreg
																					15.7-15.9 SP w/ minor CL alt'n
17.4	63.1	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	25.4	55																med br-lt gy laminated, wkly phyllitic
			S1	31.1	55																w/ <5% SKrm intercalated
			S1	35.7	55																grades loc to phyllitic chert
			S1	42.0	45																PY as blebs, in <vnlts
			S1	49.6	52																17.4-19.4 3% PY in vnlts, <vnlts
			S1	53.7	40																21.5-21.7 SKrm; upper cnt sharp, planar @ 58; lower cnt not observed
			S1	61.2	60																32.6 PY+CB+QZ vn; 2cms @ 15
																					36.0-36.3 PY+EP patches
																					45.8-46.5 SKp; upper cnt sharp, planar, S1 conformable @ 50; lower cnt
																					sharp, irreg; 4% PY
																					47.9 photo
																					48.6-48.9 SKr; med gr, CL rich, wkly calc, w/ 5% SKp patches; 0.5% shining
																					bl/blk unknown mineral (moly?); cnts sharp, planar, x-cut S1 @ 15
																					54.5-56.2 no recovery (washed core-gouge?)
																					59.8-60.2 SKrm; w/ dk gr/blk CL patches, 10% PY, 5% SKp, 20% SP
																					61.3-61.9 SKrm; w/ 30% PY, 2% blue/gy unknown mineral, 10% dk gr/blk

Diamond Drill Log LD 04-07

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					17.4-63.1 cont'd
																					CL patches; wkly calc; 5% SKp patches; upper cnt grad; lower cnt sharp,
																					irreg.
																					61.9-62.2 SPm w/15% PY (bxia?)
																					57.5 gouge
63.1	67.2	MZ											30		0.1						**Mineralized Zone**
																					PY as coarse cubes & large patches in a lt gy, altered, vuggy, siliceous rock
																					(altered SP?) w/ 15% med gr CL patches
																					CP as small blebs
																					<1% unknown blue/gy, shiny metallic mineral (MO?)
																					upper cnt not observed
																					lower cnt grad over 0.1m
																					64.4-64.7 gouge
																					64.8-65.1 gouge
67.2	71.5	SPa											2		tr						**Sericite Altered Siliceous Phyllite**
			S1	68.2	57																lt gr/gy, wkly laminated, wkly phyllitic, loc mineralized w/ PY+/- CP; 5% red/br
			S1	70.5	62																skarn bands/patches
																					PY as blebs/patches and in vnlts, <vnlts
																					CP as blebs w/ PY assoc w/ SKp bands/patches
																					lower cnt grad over 0.3m
																					67.2-67.7 mineralized w/ PY + unknown blue/gy metallic min.
																					68.6-68.7 coarse PY
71.5	74.8	SKpm											5		tr						**Mineralized Ca-Garnet Prograde Skarn**
																					w/ loc dk gr CL retrograde alt'n and 5% SP
																					yellow/gr & lt red/br mottled, massive, v. wkly calc
																					PY as large cubes, patches/blebs
																					CP as blebs
																					lower cnt grad.
74.8	76.5	SKpm-SP											10								**Mineralized Ca-Garnet Prograde Skarn - Siliceous Phyllite intercalated**
																					ie transition zone
																					60% lt red/br garnet SK; 40% lt gr/gy siliceous phyllite
																					PY as large patches/cubes

Diamond Drill Log LD 04-07

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					74.8-76.5 cont'd
																					tr HS as small blebs
76.5	82.4	SPa											2		tr						**Sericite Altered Siliceous Phyllite**
			S1	80.8	72																lt gr/gy, wkly laminated, wkly phyllitic
																					<5% SKp bands, patches, vns
																					PY as large patches, cubes, vnlts
																					CP as small blebs assoc w/ SK bands/patches
																					loc. SPbh
																					loc mineralized w/ PY (associated w/ SK bands)
																					upper cnt grad; lower cnt grad over 10mm
82.4	83.6	MZ											30								**Mineralized Zone (SKrm?)**
																					PY as coarse xtline cubes
																					10% dk gr/blk CL retrograde patches
																					20% patches of Ca-Garnet Prograde Skarn
83.6	87.0	SPa											5		tr						**Sericite Altered Siliceous Phyllite**
			S1	84.0	38																lith & alt'n a/a 76.5-82.4
																					5% SKp bands, vnlts
																					loc mineralized (PY assoc w/ incompletely retorgrade altered SK)
																					PY as patches, and in vnlts
																					CP as blebs
																					84.6-85.1 bxia zone w/ 30% CL matrix
87.0	88.8	SKp											3								**Ca-Garnet Prograde Skarn w/ 5% retrograde patches**
																					lt red/br, massive, wkly calc
																					PY as blebs, irreg vnlts
																					SB as rare needles
88.8	92.4	SPbh											1		tr						**Biotite Hornfelsed Siliceous Phyllite**
																					lt br-lt gy laminated, wkly phyllitic
																					loc CL+sericite alt'n of BI
																					5% SKp bands w/ tr CP
																					1% SKr w/ dk gr/blk CL and relict SKp
																					PY as blebs, and in vnlts, <vnlts

Diamond Drill Log LD 04-07

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					88.8-92.4 cont'd
																					CP as specks in SK bands/patches
92.4	95.1	SPbh											<1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	94.8	58																lt br-lt gy laminated, wkly phyllitic
																					loc CL+sericite alt'n of Bl
																					PY in <vnlts
95.1	96.5	Md											-								**Monzonite Dyke**
																					pale gr/gy, massive, fine gr., non-mag
																					upper cnt sharp, irreg
																					lower cnt bxiated w/ minor SP frags
96.5	109.6	MPd											tr								**Porphyritic Monzonite Dyke**
																					lt gy, w/ 3% feld phenos to 10mm and 5% mafic minerals (HB)
																					2% scattered EP blebs
																					PY in vnlts
																					98.2-101.9 less porphyritic w/ grad cnts
109.6	163.1	SPbh											1		tr						**Biotite Hornfelsed Siliceous Phyllite**
			S1	114.9	40																med br-lt gy laminated, wkly phyllitic
			S1	119.5	43																loc CL+sericite alt'n assoc w/ fractures and vnlts
			S1	124.2	52																PY in <vnlts, vnlts
			S1	128.2	46																grades loc. to siliceous phyllite
			S1	132.7	46																116.2-116.5 CP assoc w/ SK band
			S1	138.0	40																130.1-130.8 rubbly core w/o gouge
			S1	143.0	49																139.0-140.1 heavily broken core w/o gouge
			S1	149.4	40																140.7-141.2 heavily broken core w/o gouge
			S1	153.9	54																143.6-144.3 med gr/gy, massive, siliceous (calcsilicate?) int. w/ 7% PY in
			S1	160.0	40																vnlts, <vnlts, and vnlt selvages
																					144.3-144.6 PY+QZ (replacement?) w/ 30% PY as patches and in vnlts
																					145.1 4cm wide bxia w/ 40% dark gy, sde rich matrix
																					146.9-147.4 Ca Garnet-CPx prograde SK wk wk to mod CL retrograde alt'n;
																					massive w/ loc relict lams; upper cnt faulted @ 49; lower cnt grad
																					151.1-151.8 massive cubic PY w/ 30% interstitial QZ+CB; lower cnt
																					sharp, planar @ 50; upper cnt grad @ 15

Diamond Drill Log LD 04-07

Date: Logged By: DJH Page 5/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					109.6-163.1 cont'd
																					151.8-152.3 tr CP as blebs
163.1	173.1	SP											1		tr						**Siliceous Phyllite**
			S1	165.2	44																dk gy/blk-lt gy laminated, wkly phyllitic
			S1	169.0	20																PY in vnlts, <vnlts
																					CP in vnlt w/ PY
																					upper cnt grad over 1-2 metres
																					grades loc to SPbh
173.1	174.1	SKp											3								**Ca-Garnet Prograde Skarn**
																					lt yellow/gr mottled, massive, wkly calc
																					upper cnt sharp, irreg @ ~15 (x-cuts S1)
																					lower cnt grad over 10cms
																					PY as patches
174.1	178.9	MZ											70								**Mineralized Zone**
																					massive coarse cubic PY w/ 30% QZ+sericite patches
																					tr green mariposite?
																					shiny blue-gy, soft unknown mineral to 176.4 (MO?)
																					lower cnt grad over 0.3m to sericite altered siliceous phyllite
																					loc bxia zones w/ SP frags
178.9	191.2	MPd											-								**Porphyritic Monzonite Dyke**
																					med gy/gr, non-mag, wkly calc, non-mineralized, w/ 3% feld phenos to 10mm
																					wk sauss alt'n of ca plag
																					178.9-182.0 PX phyric w/ 15% phenos to 3mm
																					179.0-179.2 bxia zone w/ SP frags in a CL rich matrix; upper cnt sharp,
																					planar @ 50; lower cnt sharp, planar @ 20
																					upper cnt sharp, chilled, planar @ 55
																					lower cnt sharp, planar, w/ gouge @ 70
191.2	204.1	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	196.7	51																lt br-lt gy laminated, wkly phyllitic
			S1	201.2	40																grades loc to biotite hornfelsed phyllitic chert
																					loc sericite+CL alt'n

Diamond Drill Log LD 04-07

Date: Logged By: DJH Page 6/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					191.2-204.1 cont'd
																					PY in vnlts, as patches
																					196.7 SKp band
																					197.2 F2 fold closure; S2 @ 45
204.1	207.0	PC											2								**Phyllitic Chert**
																					lt gy, v wkly laminated, v wkly phyllitic
																					PY in vns, vnlts, w/ QZ
																					grad cnts
207.0	224.7	SPbh											1		tr						**Biotite Hornfelsed Siliceous Phyllite**
			S1	207.7	53																lt br-lt gy laminated, wkly phyllitic
			S1	211.7	47																grades loc to SP and PC
			S1	217.1	47																occ SKp bands/patches throughout
			S1	221.2	43																PY in vnlts, <vnlts
																					loc CL alt'n proximal to SKp bands
																					212.2-212.7 SKp (ca garnet+clinopyrox), massive, wkly calc; upper cnt
																					wkly grad, S1 conformable @ 30; lower cnt sharp, irreg, x-cuts S1 @ ~20
																					215.4-215.6 SKp a/a 212.2-212.7 w/ irreg, sharp cnts; tr CP blebs
																					216.0-216.2 SKp patch w/ tr CP blebs
																					216.7-216.8 SKp patch; tr CP blebs
																					220.8-221.0 SKr band
																					221.7 PY+QZ vn 10mm wide
																					222.4 1% CP as belbs over 5 cms
224.7	229.2	MZ											15								**Mineralized Zone (Incipient Skarn?)**
																					PY+QZ replacement? patches w/ 25% SKp patches/bands
																					coarse, cubic PY to 20mm
																					HE (red, earthy) loc assoc w/ SKp
																					upper cnt sharp, irreg
																					lower cnt sharp, planar, S1 conformable @ 45
229.2	238.2	SP											<1		tr						**Siliceous Phyllite**
			S1	229.7	41																dk gy/blk-lt gy laminated, wkly phyllitic
			S1	232.3	43																grades loc to SPbh
																					CL alt'n proximal to upper cnt

Diamond Drill Log LD 04-07

Date: Logged By: DJH Page 7/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					229.2-238.2 cont'd
																					S1 loc v. irreg to contorted
																					PY as patches, and in vnlts, <vnlts
																					CP as blebs w/ PY loc
																					236.8 SKp patch w/ tr CP as blebs
238.2	239.0	SKr											1								**Chlorite Retrograde Skarn**
																					dk gr/blk, massive to incip laminated, wkly calc
																					w/ 20% relict patches/bands SKp
																					PY as patches/blebs
																					upper cnt sharp, irreg
																					lower cnt grad
239.0	239.8	SKp											tr								**Ca-Garnet Prograde Skarn**
																					med gr & yellow/gr mottled w/ lt red/br patches, massive, wkly calc
																					PY as blebs
																					lower cnt sharp, irreg
239.8	246.7	SP											tr								**Siliceous Phyllite**
			S1	244.4	30																dk gy/blk-lt gy laminated, wkly phyllitic
																					S1 generally disrupted or contorted
																					PY in vnlts w/ QZ
																					246.5-246.7 5% PY
246.7	247.8	SKp											7		tr						**Ca-Garnet Prograde Skarn**
																					lt gr, yellow/gr, and lt red/br mottled, massive, wkly calc
																					w/ 5% chloritic SKr patches
																					2% SP bands intercalated
																					PY as patches, and in vnlts
																					CP as blebs w/ PY
																					247.2 gouge @ 25
247.8	269.0	SP											tr								**Siliceous Phyllite**
			S1	248.9	37																dk gy/blk-lt gy laminated, wkly phyllitic, w/ augen text
			S1	253.6	32																grades loc SPbh
			S1	259.0	35																loc sericite alt'n

Diamond Drill Log LD 04-07

Date: Logged By: DJH Page 8/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
			S1	262.8	30																**247.8-269.0 cont'd**
																					PY in vnlts w/ QZ and in vns to 10mm w/ sericite selvages
																					247.8-248.3 bxia and gouge @ 40
																					257.4-257.5 QZ+PY+CP vn w/ sericite alt'n selvages to 10 cms
																					268.0-269.0 massive pyrite bands and patches
269.0	270.4	QV											5								**Quartz Vein(s?)**
																					white, massive, loc vuggy
																					5% SKp frags
																					PY as large cubes, patches
																					upper cnt not observed; lower cnt sharp, planar @ 78
270.4	276.5	SKp											2								**Ca-Garnet Prograde Skarn**
																					med gr, lt yellow/gr, and lt red/br mottled, massive, wkly calc, loc vuggy
																					PY as patches/blebs/bands
																					271.7-271.9 1% blue/gy unknown sde (MO?)
																					274.0-274.1 bxia w/ QZ+CB matrix; QZ+SKp frags
																					275.5-275.6 massive fine gr sdes replacing garnet (v. interesting texture)
																					276.0-276.3 distinctive yellow/br, coarse gr SK band; loc sandy
																					lower cnt sharp, irreg
276.5	297.8	SP											-								**Siliceous Phyllite**
			S1	281.0	47																dk gy/blk-lt gy laminated, wkly phyllitic
			S1	284.5	42																grades loc to SPbh 276.5-289.0
			S1	289.6	41																276.5-276.7 strong <vnlts to wk bxia w/ CL matrix
			S1	293.2	42																295.3 gouge
																					EOH @ 297.8 metres

Assay Sample Log LD04-08

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	121.7	no sample								
322222	121.7	122.5			0.8	100	0.065	1.4	407	10	37
	122.5	148.6	no sample								
322223	148.6	149.8			1.2	100	15.350	1.8	70	806	33
	149.8	195.3	no sample								
322224	195.3	196.5			1.2	100	0.770	1.7	334	1610	37
322225	196.5	197.5			0.9	90	0.426	1.5	520	638	22
	197.5	276.4	no sample								
EOH @ 276.4											

Diamond Drill Log LD 04-08

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	3.0	O/B																			**Overburden**
																					triconed casing - no core
3.0	107.4	SPbh											<1		tr						**Biotite Hornfelsed Siliceous Phyllite**
			S1	8.7	62																lt br-lt gy laminated, v. wkly phyllitic
			S1	15.8	65																PY in <vnlts, vnlts, QZ vns
			S1	18.5	65																loc bxia w/ rotated and augened siliceous frags
			S1	23.5	60																14.3 yellow oxide on fractures
			S1	29.2	67																16.5 CP in QZ vn w/ PY (x-cuts S1)
			S1	36.0	58																18.2 PY+QZ+CB vn; 15 mm; S1 conformable
			S1	58.5	83																19.8 15mm gouge @ 65
			S1	63.3	62																36.6 30mm gouge
			S1	67.6	68																37.2 rubbly core w/ gouge
			S1	72.6	64																56.5-57.2 gouge and rubbly core
			S1	78.3	67																65.0 gouge
			S1	85.7	63																65.3 QZ+SP+PY+SB?+GL; 20 mm wide, S1 conformable @ 62
			S1	92.1	67																71.2 gouge; 10mm wide @ 55
			S1	96.4	50																93.7-95.1 bxia zones
			S1	102.3	62																99.7-100.0 bxia zones
			S1	105.8	55																101.3-101.5 bxia
																					102.8 gouge @ 68
																					104.2 gouge (no attidude)
107.4	110.8	Md											<1								**Monzonite Dyke**
																					med to lt gy/gr, non-mag.,wkly calc, non-porphritic, fine gr
																					PY as blebs and in <vnlts
																					wk sauss alt'n of ca plag
																					upper cnt sharp, planar @ 55
																					lower cnt sharp, irreg
																					107.7 gouge; 10 mm wide @ 25
																					109.0 gouge; 10 mm wide @ 45
110.8	113.1	SPbh											<1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	111.9	73																lith and mineralization a/a 3.0-107.4

Diamond Drill Log LD 04-08

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
113.1	119.7	Md											<1								**Monzonite Dyke**
																					lith a/a 107.4-110.8
																					grades loc to med grained
																					PY as specks/blebs, in <vnlts, and in vnlt w/QZ @ 118.6
																					upper cnt sharp, irreg
																					lower cnt sharp, planar @ 38
119.7	121.7	SPbh											<1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	120.6	53																lith and mineralization a/a 3.0-107.4
121.7	122.5	Mdm											10								**Pre-Mineral Monzonite Dyke?**
																					possibly strongly altered SP
																					strong PY+CY alteration
																					xenolith of SP
																					upper cnt sharp, irreg; lower cnt sharp, planar @ 33
122.5	148.6	SPbh											<1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	124.0	68																lith a/a 3.0-107.4
			S1	127.5	60																PY in <vnlts, and in vnlts w/ QZ
			S1	135.9	57																grades loc to wkly bxiated
			S1	139.7	59																142.9-144.2 bxiated siliceous comp. layers
																					148.4-148.6 CL alt'n
148.6	149.8	SKpm												5	1						**Mineralized Ca Garnet-Clinopyroxene Prograde Skarn**
																					wkly mineralized, med green w/ lt red/br patches, massive, non-calc
																					w/ fine gr garnets loc. dev
																					PO as patches, and in vnlts, <vnlts
																					CP as blebs w/ PO
																					upper cnt not observed
																					lower cnt sharp, planar, x-cuts S1 @ 68
149.8	195.3	SPbh											tr								**Biotite Hornfelsed Siliceous Phyllite**
			S1	151.4	35																lith a/a 3.0-107.4
			S1	157.5	50																PY in <vnlts
			S1	161.0	55																loc CL alt'n
			S1	166.8	60																159.1 PO+tr CP bleb related to <vnlt

Diamond Drill Log LD 04-08

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					149.8-195.3 cont'd
			S1	172.8	64																173.9-174.6 bxiated siliceous comp layers
			S1	178.4	40																181.1-181.8 phyllitic chert w/ grad cnts
			S1	186.2	55																191.2 bxia dyklet @ 35
			S1	191.5	55																
			S1	194.3	34																
195.3	197.5	SKpm											5	15	<1						**Mineralized Ca Garnet-Clinopyroxene Prograde Skarn**
																					w/ 10% SP intercalated (ie exoskarn)
																					yellow/gr & med gr mottled, massive to loc incip laminated, non-calc
																					grades loc to massive PO w/ CP blebs
																					cnts are sharp, irreg
																					PO as post skarn patches & streaks
																					PY as patches
																					<5% CL retrograde alt'n
																					196.3 bxia dyklet; 30 mm @ 37
																					196.5-197.5 PY>>PO
197.5	201.7	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	200.5	57																grades loc to siliceous phyllite
																					lt br-lt gy wkly laminated, wkly phyllitic, wkly hornfelsed
																					PY in <vnlts, and as dissems
																					199.0 gouge
																					199.9-200.2 heterolithic bxia with monzonite and siliceous phyllite frags
																					201.1-201.4 bxia zone
201.7	210.2	MPd											-								**Porphyritic Monzonite Dyke**
																					med gy/gr, loc wkly calc., non-mag, non-mineralized,
																					w/ 10% feld phenos to 15mm
																					upper cnt sharp, planar @ 44
																					lower cnt not observed
																					209.3 gouge; 10 mm @ 40
210.2	235.6	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	218.8	67																lith a/a 197.5-201.7
			S1	224.7	60																w/ 25% SP intercalated w/ grad cnts

Diamond Drill Log LD 04-08

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					210.2-235.6 cont'd
			S1	230.4	55																loc wk bxia w/ siliceous comp layers broken & rotated
																					PY in <vnlts, vnlts, and as dissems
																					214.1 calc silicate band; 50 mm; 3% PO, mod. calc, S1 conformable
																					214.2 calc silicate band; 50 mm; 3% PO, mod calc, S1 conformable
																					227.8-230.1 sericite altered w/ 3% PY as patches
																					lower cnt grad over 50 mm
235.6	258.0	SP											<1								**Siliceous Phyllite**
			S1	235.8	65																dk gy/blk-lt gy laminated, wkly bxiated, wkly phyllitic
			S1	241.1	65																grades loc to SPbh
			S1	246.9	51																PY in vnlts, and as dissems
			S1	250.8	65																244.0-246.7 SPbh
			S1	256.8	70																246.3 QZ+PY+SP vn; 15mm @ 67
																					252.1-253.4 lost and heavily broken, rubbly core
																					255.3-255.6 rubbly core
																					256.9 gouge @ 70
258.0	265.7	MPd											<1								**Porphyritic Monzonite Dyke**
																					lt gr/gy, non calc, non-mag, w/ 3% feld phenos to 10mm
																					PY as disssems
																					upper cnt sharp, planar @ 72 w/ gouge
																					lower cnt sharp, planar @ 50
																					264.6 gouge
265.7	271.2	SP											1								**Siliceous Phyllite**
			S1	270.5	65																lith a/a 235.6-258.0
																					wk to strong bxia w/ rotated siliceous frags
																					PY in <vnlts and as patches
271.2	272.7	Md											1								**Monzonite Dyke**
																					lt gy/gr, non-porph, non-mag, non-calc
																					PY in <vnlts, vnlts
																					upper cnt fairly sharp, planar @ 42
																					lower cnt sharp, planar @ 80

Diamond Drill Log LD 04-08

Date: Logged By: DJH Page 5/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
272.7	276.4	SP											<1								**Siliceous Phyllite**
			S1	275.5	70																lith a/a 235.6-258.0
																					PY as blebs and fine dissems
																					275.0 heterolithic bxia @ 68
																					275.7-276.0 heterolithic bxia w/ frags of SP and monzonite; upper cnt not
																					observed; lower cnt sharp, planar @ 63
																					EOH @ 276.4 metres

RQD Log LD04-08

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
3			136.2	231	
5.2	102	46	139.3	218	70
8.2	205	68	142.3	211	70
11.3	249	80	145.4	216	70
14.3	143	48	148.4	134	45
17.4	221	71	151.5	249	80
20.4	230	77	154.5	235	78
23.5	286	92	157.6	278	90
26.5	184	61	160.6	247	82
29.6	229	74	163.7	222	72
32.6	165	55	166.7	223	74
35.7	204	66	169.8	212	68
38.7	116	39	172.8	187	62
41.8	135	44	175.9	254	82
44.8	267	89	178.9	242	81
47.9	82	26	182.0	244	79
50.9	59	20	185.0	252	84
53.9	198	66	188.1	279	90
57.0	138	45	191.1	205	68
60.0	145	48	194.1	203	68
63.1	176	57	197.2	248	80
66.1	193	64	200.2	157	52
69.2	246	79	203.3	220	71
72.2	216	72	206.3	194	65
75.3	245	79	209.4	217	70
78.3	266	89	212.4	242	81
81.4	233	75	215.5	247	80
84.4	240	80	218.5	210	70
87.5	291	94	221.6	269	87
90.5	253	84	224.6	268	89
93.6	220	71	227.7	231	75
96.6	217	72	230.7	203	68
99.7	144	46	233.8	241	78
102.7	89	30	236.8	222	74
105.8	184	59	239.9	268	86
108.8	133	44	242.9	266	89
111.9	176	57	246.0	254	82
114.9	248	83	249.0	175	58
118.0	257	83	252.1	173	56
121.0	262	87	255.1	19	6
124.0	210	70	258.1	76	25
127.1	226	73	261.2	202	65
130.1	261	87	264.2	146	49
133.2	208	67	267.3	135	44
136.2	231	77	270.3	237	79

RQD Log LD04-08

Date: Page: 2

273.4	191	1			
276.4	241	80			
EOH @ 276.4m					

Survey Log LD04-08

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		76		-55
157	47.9	51.5	73.5	36	-54
367	111.9	53	75	36.75	-53.25
487	148.4	54.5	76.5	37	-53
607	185.0	56	78	37.5	-52.5
907	276.4	54.5	76.5	37.75	-52.25

Assay Sample Log LD04-09

Sample No.	From	39.6	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	39.6	no sample								
322226	39.6	41.3			1.7	100	0.044	5.8	87	1115	83
	41.3	130.1	no sample								
322227	130.1	133.2			2.9	94	0.046	1.7	221	93	885
322228	133.2	136.2			2.9	97	0.042	1.3	294	85	558
322229	136.2	139.3			3.0	97	0.086	0.9	78	131	542
322230			standard				0.585	2.8	17	12000	87
322231			blank				0.010	0.2	6	139	46
322232	139.3	142.3			2.8	93	0.100	1.6	863	112	256
322233	142.3	145.4			3.0	97	0.040	1.4	40	276	150
	145.4	151.2	no sample								
322234	151.2	152.7			1.5	100	2.410	0.6	76	310	38
322235	152.7	154.2			1.5	100	0.477	1.3	164	1180	24
322236	154.2	155.7			1.5	100	0.954	0.3	258	185	29
322237	155.7	157.2			1.5	100	0.312	0.2	184	58	36
322238	157.2	158.7			1.5	100	1.175	0.7	>10000	616	31
	158.7	214.8	no sample								
322239	214.8	216.1			1.3	100	1.535	80.3	2740	22	47
	216.1	244.7	no sample								
322240	244.7	246.1			1.4	100	3.380	15.0	9220	300	653
	246.1	262.1	no sample								
322241	262.1	263.5			1.3	93	1.165	5.4	1525	488	142
	263.5	279.5	no sample								
EOH @ 279.5 m											

Diamond Drill Log LD 04-09

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	6.1	O/B																			**triconed casing- no core**
6.1	26.8	SPbh											2		tr						**Biotite Hornfelsed Siliceous Phyllite**
			S1	8.4	63																lt/med br- lt gy laminated, wkly phyllitic
			S1	14.3	75																loc sericite alt'n
			S1	21.7	65																grades loc to phyllitic chert
			S1	26.4	70																PY in <vnlts, vnlts, vns, patches
																					CP as rare blebs
																					25.4 QZ+SP vn @ 35; 10mm
26.8	27.7	Fd											3								**Felsite Dyke**
																					lt gy, vf grained, non-mag, non-calc, non-porph
																					PY as dissems
																					upper cnt faulted @ 68
																					lower cnt sharp, planar @ 58
27.7	152.7	SPbh											2		tr						**Biotite Hornfelsed Siliceous Phyllite**
			S1	31.6	70																lith a/a 6.1-26.8
			S1	34.2	75																PY in <vnlts, vnlts, vns, dissems
			S1	46.9	68																35.8-35.9 massive, f grained PY vn; upper cnt not observed; lower cnt sharp,
			S1	52.8	60																planar @ 60
			S1	58.2	60																37.0 gouge & rubble
			S1	63.1	58																39.6-41.3 0.5% CP as blebs and in vnlts w/ PY
			S1	66.3	62																41.0 CY alt'n/gouge
			S1	73.5	70																61.5 tr SP in stringer
			S1	78.6	67																95.7-95.9 felsite dyklet @ 53
			S1	84.4	62																97.8-98.6 rubble & gouge; upper cnt not observed; lower cnt @ 62
			S1	88.7	60																130.1-134.7 strong sericite alt'n; 0.3% SP as blebs in QZ vnlts; strong <vnlts
			S1	92.8	60																w/ PY; 5% PY as patches and in <vnlts, vnlts; tr AS as elongated xtls
			S1	101.0	75																138.7-139.6 as above 130.1-134.7
			S1	105.5	59																143.2-145.4 strong sericite alt'n; strong <vnlts w/ PY & tr CP as blebs;
			S1	110.2	70																5% PY as patches, blebs and in <vnlts
			S1	115.0	57																147.2-147.5 patchy prograde CPx skarn developed
			S1	123.2	58																151.2-151.6 massive, dark gr, wkly calc, CPx prograde skarn w/ 20% PO
			S1	128.3	60																as patches & 0.5% CP as blebs; upper cnt sharp, irreg, x-cuts S1; lower
			S1	131.1	55																cnt sharp, planar, S1 conformable; note: skarn is forming from SPbh

Diamond Drill Log LD 04-09

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					27.7-152.7 cont'd
			S1	135.9	54																146.4-147.0 gouge
			S1	142.1	63																
			S1	148.4	62																
152.7	154.2	SKpm											2	20	1						**Mineralized CPx Prograde Skarn**
																					med gr, massive, wkly calc
																					PO as patches and in <vnlts (discontinuous cracks)
																					CP as blebs w/ PO
																					PY as patches
																					upper cnt sharp, planar @ 60
																					lower cnt sharp, irreg
154.2	158.2	SPbh											2	2							**Biotite Hornfelsed Siliceous Phyllite**
			S1	156.0	40																lt br-lt gy laminated, wkly phyllitic
																					loc sericite alt'n
																					strong <vnlts w/ CL
																					<10% irreg SKp patches/bands
																					PY in <vnlts w/ CL
																					PO as patches/blebs in skarn
158.2	158.7	SKpm											tr	40	0.5			2			**Mineralized CPx Prograde Skarn**
																					med gr, massive, wkly calc
																					PO as large patches
																					AS as patches (mainly in top 20 cms of interval)
																					CP as blebs in PO
																					upper cnt sharp, irreg
																					lower cnt sharp, irreg, x-cuts S1
158.7	175.2	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	161.4	34																lt br-lt gy laminated, wkly phyllitic,
			S1	164.5	57																loc bxiated with siliceous augen
			S1	169.5	57																incomplete biotite hornfelsing
			S1	174.3	58																loc sericite alt'n
																					PY as blebs

Diamond Drill Log LD 04-09

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
175.2	181.8	Md											2								**Monzonite Dyke**
																					lt gr/gy, fine gr, non-mag, non-calc, v. wkly porphyritic
																					PY as dissems and in <vlts
																					upper cnt sharp, planar @ 38
																					lower cnt sharp, planar @ 58
181.8	205.5	SPbh											<1	tr							**Biotite Hornfelsed Siliceous Phyllite**
			S1	183.0	60																lt br-lt gy laminated, wkly to mod phyllitic
			S1	186.0	63																PY in vnlts, <vnlts and dissem
			S1	189.8	66																PO as small blebs
			S1	197.4	64																siliceous lams are loc. bxiated
			S1	202.0	64																lower cnt grad over 3 m
																					184.9 CY alt'n & bxia, S1 conformable @ 60
																					190.8 PY+AS+SP vnlt @ 68; 2mm
																					198.8 PY+SP+AS vn @ 70
205.5	212.7	SP											tr	tr							**Siliceous Phyllite**
			S1	211.2	42																dk gy/blk- lt gy laminated, wkly phyllitic
																					PY/PO in <vnlts and as dissems
																					lower cnt grad over 0.2m
212.7	215.1	SPbh											<1	tr							**Biotite Hornfelsed Siliceous Phyllite**
																					lt br-lt gy laminated, wkly phyllitic
																					grades loc to dk gy/blk siliceous phyllite
																					PY/PO as dissems
																					214.6-215.1 CL+sericite alt'n
																					214.8-215.1 15% PY as patches, irreg bands, and in vnlts
215.1	216.1	MS											90								**Massive Pyrite**
																					v coarse grained pyrite cubes w/ 10% CY+CB+QZ
																					tr gy unknown sde (MO?)
																					upper cnt grad over 0.3m
																					lower cnt v. wkly grad
216.1	244.7	SPbh											tr	<1	tr						**Biotite Hornfelsed Siliceous Phyllite**
			S1	218.5	70																a/a 212.7-215.1 w/ incomplete biotite hornfelsing

Diamond Drill Log LD 04-09

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					216.1-244.7 cont'd
			S1	224.6	61																lt br-dk gy/blk-lt gy laminated, wkly phyllitic
			S1	230.3	55																siliceous lams loc broken and augened
			S1	238.3	44																PO/PY as patches, dissems
																					CP as blebs w/ PO/PY
																					238.4-238.7 massive, med gy limestone; upper cnt sharp, irreg; lower cnt
																					sharp, planar, S1 conformable @ 52
																					238.7-244.7 siliceous augen
244.7	246.1	SKrm											2	5	0.5			2			**Mineralized Chlorite - Actinolite? Retrograde Skarn**
																					w/ 30% siliceous phyllite intercalated
																					med "dirty" gr & gy/gr mottled, mod. calc
																					PY/PO as small patches/blebs
																					CP as blebs w/ PO
																					AS as local blebs
																					1% greenish/gy, unknown metallic mineral as small blebs loc.
246.1	279.5	SP											<1	tr							**Siliceous Phyllite**
			S1	250.0	69																dk gy/blk - lt gy laminated, wkly phyllitic
			S1	255.4	65																siliceous lams loc broken and augened
			S1	260.1	58																grades loc to SPbh
			S1	266.0	62																PY in vnlts, <vnlts
			S1	273.2	33																PO as blebs
			S1	278.6	48																246.1-250.0 siliceous lams broken and augened
																					262.0-279.5 S1 contorted
																					262.1-262.6 CPx SKpm band w/ 2% PO, 1% AS; wk CL retrograde; 25%
																					SPm w/ 10% PY
																					262.6-263.5 SPm w/ 10% PY in vnlts, <vnlts, patches
																					265.7-265.9 bxia vn w/ PY+SP+AS+unknown gy sde @ 70 w/ 10mm gouge
																					at upper cnt
																					268.1 bleb CP
																					273.0 heterolithic bxia vn w/ monzonite + SP frags @ 51; 30mm wide
																					273.9-274.0 heterolithic bxia vn a/a 273.0
																					274.5 heterolithic bxia vn a/a 273.0; 40 mm wide @ 50
EOH @ 279.5																					

RQD Log LD04-09

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
6.1			139.3	268	
8.2	94	96	142.3	110	86
11.3	202	64	145.4	111	37
14.3	197	76	148.4	108	36
17.4	228	64	151.5	254	36
20.4	198	63	154.5	266	82
23.5	188	69	157.6	276	89
26.5	214	54	160.6	142	89
29.6	162	71	163.7	177	47
32.6	220	67	166.7	115	57
35.7	202	43	169.8	225	38
38.7	133	50	172.8	118	73
41.8	150	40	175.9	200	39
44.8	125	56	178.9	281	65
47.9	168	56	182.0	239	94
50.9	173	33	185.0	204	77
53.9	100	28	188.1	201	68
57.0	84	36	191.1	266	65
60.0	112	80	194.1	284	89
63.1	240	69	197.2	189	95
66.1	214	92	200.2	174	61
69.2	275	69	203.3	237	58
72.2	214	87	206.3	232	76
75.3	261	68	209.4	274	77
78.3	211	93	212.4	299	88
81.4	279	66	215.5	269	100
84.4	204	82	218.5	273	87
87.5	245	55	221.6	238	79
90.5	169	64	224.6	231	75
93.6	193	37	227.7	241	80
96.6	115	56	230.7	257	83
99.7	169	54	233.8	256	85
102.7	166	68	236.8	227	73
105.8	204	78	239.9	246	82
108.8	243	74	242.9	268	86
111.9	223	58	246.0	271	90
114.9	180	78	249.0	282	91
118.0	235	84	252.1	244	81
121.0	261	61	255.1	261	84
124.0	184	91	258.1	262	87
127.1	272	68	261.2	160	53
130.1	211	80	264.2	95	31
133.2	240	73	267.3	82	27
136.2	227	89	270.3	166	54
139.3	268	0	273.4	210	70

RQD Log LD04-09

Date: Page: 2

273.4	210				
276.4	256	85			
279.5	218	70			
EOH @ 279.5m					

Survey Log LD04-09

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		86		-55
157	47.9	54	76	38	-52
347	105.8	56	78	39.5	-50.5
477	145.4	59	81	41	-49
607	185.0	56.5	78.5	42.25	-47.75
757	230.7	57.5	79.5	44	-46
907	276.4	59.5	81.5	44.75	-45.25

Assay Sample Log LD04-10

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	29.6	no sample								
322242	29.6	32.6			1.7	57	0.639	9.5	5270	125	686
322243	32.6	35.7			1.8	58	0.516	10.2	3850	146	965
	35.7	76.9	no samples								
322244	76.9	78.3			1.4	100	0.077	2.8	238	361	265
	78.3	118.0	no samples								
EOH @ 118.0 m											

Diamond Drill Log LD 04-10

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	2.4	O/B																			**Ticoned overburden**
																					no core
2.4	8.2	Md											1								**Monzonite Dyke**
																					lt gy/gr to pale cream, non-porph, non-mag, non-calc, fine gr
																					PY in <vnlts & blebs w/ gy silica envelopes
																					lower cnt sharp, planar @ 32
8.2	25.2	SP												tr							**Siliceous Phyllite**
			S1	12.3	63																dk gy/blk-lt gy laminated, wkly phyllitic
			S1	16.0	45																dk gy/blk laminae are generally contorted
																					lt gy laminae are generally broken
																					grades loc to SPbh
																					PO in QZ vns and as blebs
																					loc sericite alt'n
																					24.0-25.2 CY+sericite alt'n partially dev.
25.2	26.2	Md											tr			tr		tr			**Monzonite Dyke**
																					lith a/a 2.4-8.2
																					cnts sharp, irreg
																					PY+AS?+SL assoc. w/ late stage QZ+CB vns
26.2	65.1	SP											tr	<1				tr			**Siliceous Phyllite**
			S1	28.2	42																a/a 8.2-25.2
			S1	36.7	90																PY in vnlts
			S1	41.6	58																PO as blebs and in irreg <vnlts
			S1	44.3	62																26.2-36.0 SL+PY+AS? in vnlts (planar & irreg) and patches
			S1	50.4	38																48.3 PY+tr AS in vnlt
			S1	60.0	35																63.8-64.6 crackle zone w/ CB in <vnlts, vnlts, vns
																					lower cnt grad over 3 m
65.1	89.2	SPbh											tr	tr							**Biotite Hornfelsed Siliceous Phyllite**
			S1	66.1	58																lt br-ltgy laminated, wkly phyllitic
			S1	72.7	62																loc sericite alt'n of br BI lams
			S1	76.5	66																PO as blebs and in vnlts
			S1	82.1	60																PY as blebs and in vnlts w/ PO

Diamond Drill Log LD 04-10

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					65.1-89.2 cont'd
			S1	88.0	34																69.2 band w/ andalusite porphs. to 5mm (some xtls are faintly chiastolitic)
																					76.9-78.3 incip. bxia w/ PY/PO in vnlts; PY as patches; CP as blebs;
																					5-20% total sdes
89.2	96.1	Md											<1								**Monzonite Dyke**
																					med greenish/br, wkly porph, v. wkly calc, non-mag, med gr
																					PY in <vnlts and as dissems
																					upper cnt sharp, irreg
																					lower cnt sharp, irreg
96.1	99.9	SPbh											tr	tr	tr						**Biotite Hornfelsed Siliceous Phyllite**
			S1	98.9	58																lt br-lt gy laminated, wkly phyllitic
																					PY/PO as blebs
																					CP as blebs w/ PY/PO
99.9	104.2	Md											-								**Monzonite Dyke**
																					lt gy, v. wkly porph, non-mag, non-calc, v.fine gr
																					upper cnt sharp, planar @ 33
																					lower cnt sharp, planar, S1 conformable @ 70
104.2	118.0	SPbh											-	tr							**Biotite Hornfelsed Siliceous Phyllite**
			S1	105.1	50																lt to med br-lt gy laminated, wkly phyllitic
			S1	110.3	49																PO as blebs
			S1	114.7	57																105.4 F2 fold w/ S2 @ 70
EOH @ 118.0 m																					

RQD Log LD04-10

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
2.4					
5.2	94	34			
8.2	148	49			
11.3	264	85			
14.3	213	71			
17.4	261	84			
20.4	241	80			
23.5	230	74			
26.5	136	45			
29.6	308	99			
32.6	194	65			
35.7	206	66			
38.7	226	75			
41.8	205	66			
44.8	240	80			
47.9	267	86			
50.9	237	79			
53.9	242	81			
57.0	248	80			
60.0	249	83			
63.1	274	88			
66.1	268	89			
69.2	241	78			
72.2	230	77			
75.3	269	87			
78.3	273	91			
81.4	215	69			
84.4	227	76			
87.5	221	71			
90.5	276	92			
93.6	243	78			
96.6	244	81			
99.7	221	71			
102.7	247	82			
105.8	274	88			
108.8	204	68			
111.9	249	80			
114.9	258	86			
118.0	251	81			
EOH @ 118.0m					

Survey Log LD04-10

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		80		-55
no Sperry Sun tests (waiting for parts)					

Assay Sample Log LD 04-11

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	14.6	no sample								
322245	14.6	16.8			2.0	91	0.511	1.4	2540	45	585
	16.8	41.3	no sample								
322246	41.3	41.9			0.6	100	0.383	9.1	1550	978	349
	41.9	43.4	no sample								
322247	43.4	44.0			0.6	100	2.120	17.8	816	474	12900
	44.0	86.5	no sample								
322248	86.5	87.9			1.4	100	0.980	4.7	>10000	160	5760
322249	87.9	89.3			1.3	93	1.565	64.9	>10000	267	1000
322250			standard				0.799	2.9	29	12100	95
322251			blank				0.007	0.1	9	134	46
	89.3	96.7	no sample								
322252	96.7	98.2			1.3	87	0.703	34.8	6740	4020	1850
322253	98.2	99.6			1.2	86	0.735	12.1	9910	467	246
	99.6	104.7	no sample								
322254	104.7	106.5			1.8	100	0.097	2.6	1785	215	166
322255	106.5	107.7			1.2	100	0.048	2.6	160	1120	56
322256	107.7	109.4			1.7	100	4.640	16.9	>10000	1015	2060
322257	109.4	111.1			1.5	88	0.068	0.9	117	220	86
322258	111.1	112.7			1.6	100	0.099	0.9	973	126	235
322259	112.7	114.0			1.3	100	0.224	5.1	1055	751	701
322260	114.0	115.4			1.4	100	0.810	11.4	1940	2150	1835
322261	115.4	116.9			1.5	100	1.310	42.1	8820	2890	467
322262	116.9	118.6			1.7	100	1.530	16.3	6680	875	380
322263	118.6	120.1			1.4	93	0.386	6.2	4640	251	1070
322264	120.1	121.5			1.4	100	0.480	7.4	1810	243	538
322265	121.5	122.8			1.3	100	0.764	12.0	3870	485	431
	122.8	203.3	no sample								
EOH @ 203.3m											

Diamond Drill Log LD 04-11

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	6.1	O/B																			**triconed overburden**
																					no core
6.1	56.5	SPbh											1	tr		tr		tr			**Biotite Hornfelsed Siliceous Phyllite**
			S1	8.4	56																lt to med br-lt gy laminated, wkly phyllitic
			S1	14.0	60																siliceous lams generally broken w/ loc augen text
			S1	19.9	60																sericite + CY alt'd loc where PY increases
			S1	25.2	71																PY in vnlts, <vnlts, and as dissems
			S1	34.8	59																SP in vnlts w/ PY
			S1	42.5	40																PO as blebs
			S1	46.0	61																AS in vnlt w/ PY+SP
			S1	52.4	53																6.1-15.7 LI in <vnlts
																					14.6-16.8 CY+sericite alt'n w/ 5% PY, tr SP
																					14.8 20mm gouge @ 65
																					35.9-40.6 wk sericite alt'n w/ strong <vnlts; 3% PY + tr SP
																					41.3-41.9 sericite alt'n w/ strong <vnlts; 10% PY+ 1% AS+ tr CP
																					43.4-44.0 sericite alt'n w/ strong <vnlts & vnlts; 7% PY+tr CP
																					45.4 20 mm gouge @ 57
																					grades loc to siliceous phyllite toward end of interval
																					55.5-55.9 gouge & rubbly core; upper cnt not observed; lower cnt sharp,
																					planar @ 80
																					55.9-56.1 sericite alt'n w/ PY+SP vnlts & PY patches; mineralization is
																					x-cut by late QZ vns
56.5	58.0	Md											5			tr					**Monzonite Dyke**
																					lt gr/gy (loc. pinkish), wkly porph, non-mag, non-calc
																					<5% CL alt'd mafics
																					sericite+PY alt'd
																					PY in vnlts and as patches and dissems
																					SP in vnlts w/ PY
																					cnts not observed due to broken core
58.0	65.2	SPbh											tr	tr		tr					**Biotite Hornfelsed Siliceous Phyllite**
			S1	58.5	51																lt br-dk gy-lt gy laminated, wkly phyllitic
																					incomplete BI hornfelsing
																					loc sericite alt'n w/ PY

Diamond Drill Log LD 04-11

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					58.0-65.2 cont'd
																					PY in <vnlts, vns w/ QZ and as dissems
																					SP in vnlt w/ PY
																					PO as dissem. specks
																					61.7 minor gouge
																					63.6-65.2 30% irreg QZ vns
65.2	68.4	Md												1							**Monzonite Dyke**
																					pale gy/cream, non-mag, non-calc, wkly porph
																					w/ 5% pale gr, saussuritized plag phenos to 2mm
																					PO as dissems
																					upper cnt sharp, planar @ 50
																					lower cnt sharp, irreg
68.4	75.3	SP											tr			tr					**Siliceous Phyllite**
			S1	70.7	68																dk gy/blk-lt gy laminated, wkly phyllitic
			S1	75.0	60																grades loc to SPbh (ie incomplete hornfelsing)
																					PY in vnlts, <vnlts and as patches
																					SP in vnlts w/ PY
																					lower cnt grad
75.3	96.7	SPbh											<1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	82.0	58																lith a/a 58.0-65.2 (ie incomplete hornfelsing)
			S1	87.7	65																grades loc to siliceous phyllite
			S1	92.9	47																loc sericite alt'n w/ PY in <vnlts
																					PY in <vnlts, and as dissems
																					78.4-81.4 rubbly core w/ minor gouge; no cnts observed
																					86.5-87.1 30% massive, fine gr PY; 1% gy unknown sde; mod. CY alt'n;
																					upper cnt grad; lower cnt sharp, planar @ 51
																					86.7 gouge; no cnts observed
																					87.1-87.9 vnlts w/ PY+SP+tr CP
																					89.1-89.2 GL+PY+AS vn @ 40
																					90.6-90.8 irreg white QZ vns
																					93.5-93.8 QZ+PY w/ white CY patches (altered ?); 10-30% massive PY w/
																					loc laminae (indicating replacement of SP?); cnts @ 49

Diamond Drill Log LD 04-11

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
96.7	99.6	MS											20								**Massive Siliceous Pyrite**
																					20% PY as coarse cubes; 75% QZ; 5% CY patches (alt'n of?)
																					loc vuggy and friable w/ QZ xtls
																					loc laminae (indicating replacement of SP?)
																					upper cnt faulted @ 27; lower cnt sharp, planar @ 15
																					96.9-97.0 large CP patch
99.6	106.5	SPbh											<1	tr		tr		tr			**Biotite Hornfelsed Siliceous Phyllite**
			S1	104.6	50																lt br-lt gy laminated, wkly phyllitic
																					loc sericite alt'n proximal to PY patches, vnlts, <vnlts
																					PY in <vnlts, vnlts
																					SP in vnlts w/ PY
																					AS in vnlts w/ PY+SP
																					PO in <vnlts, vnlts (increasing toward lower cnt)
																					104.8-104.9 QZ+ 25% PY
106.5	107.7	SKpm											1	20	2						**Mineralized Ca-Garnet, Clinopyroxene Prograde Skarn**
																					med gr-lt yellow/gr mottled, massive, wkly to mod. calc
																					<5% CL+ACT retrograde alt'n
																					20% intercalated siliceous phyllite
																					PO as large patches
																					PY in vnlts, <vnlts (in siliceous phyllite bands)
																					CP as blebs
																					upper cnt sharp, irreg
																					lower cnt sharp, irreg
107.7	109.4	SKrm											25		tr	tr		10			**Mineralized Chlorite Retrograde Skarn**
																					25% dk gr (CL+CY?) patches to 4mm
																					*** very distinctive rx type w/o relict garnet outlines***
																					PY as masses and coarse cubes
																					AS as small xtls w/ CL+CY
																					SP as blebs
																					CP as blebs
																					107.7-108.0 massive PY
																					lower cnt grad

Diamond Drill Log LD 04-11

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
109.4	112.7	SP/SKpm												5	tr	tr					**Siliceous Phyllite**
																					w/ 25% SKpm intercalated as irreg patches and bands
																					<5% retrograde alt'n of skarn component
																					pale gy-white wkly laminated, very wkly phyllitic
																					PO as patches in ca-garnet, clinopyroxene prograde skarn
																					SP in vnlts w/ PY
																					CP as blebs in SKpm patches
112.7	115.4	SKrm											5	15	tr	tr				0.5	**Mineralized Chlorite, Actinolite? Retrograde Skarn**
																					w/ 10% ca-garnet prograde patches
																					lt blue/gy-lt red/br-dk gr mottled; mod calc
																					PO as patches/blebs
																					PY as patches
																					MG as patches
																					SP as blebs
																					CP as blebs w/ PO
																					upper cnt wkly grad
																					lower cnt fairly sharp, irreg
115.4	118.6	MS											50		1			4			**Massive Pyrite**
																					PY as coarse cubes w/ 40% interstitial QZ and 10% CL+CY patches
																					AS as small patches w/ dark gr CL+CY patches (retrograde alt'n?)
																					CP as blebs mainly @ 116.0
																					grades to SKp w/ 30% SKr patches @ lower cnt
																					lower cnt sharp, planar @ 40
118.6	122.8	SPm											7		0.3	tr		tr			**Mineralized Siliceous Phyllite**
																					w/ 20% intercalated SPbh
																					lt gy-dk gy/blk, wkly laminated, wkly phyllitic
																					laminae are generally contorted
																					loc sericite+CL alt'n proximal to mineralization
																					PY in vns, vnlts, <vnlts
																					AS in vnlts w/ PY+SP
																					SP in vnlts w/ PY+AS
																					CP as blebs (mainly 122.5-122.8
																					lower cnt grad over 0.2m

Diamond Drill Log LD 04-11

Date: Logged By: DJH Page 5/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
122.8	127.0	SPbh											tr								**Biotite Hornfelsed Siliceous Phyllite**
			S1	124.4	47																lt br-lt gy laminated, wkly phyllitic
																					grades loc to siliceous phyllite (ie incomplete hornfelsing)
																					v wk, localized sericite alt'n
																					PY in vnlts and as blebs
127.0	134.9	SP											tr			tr					**Siliceous Phyllite**
			S1	132.6	41																lt gy/blk-lt gy laminated, wkly phyllitic
																					S1 generally contorted; siliceous lams broken and rotated
																					grades loc to SPbh
																					PY in vnlts and in blebs
																					SP in vnlts w/ PY+CB
134.9	138.6	SPbh											tr								**Biotite Hornfelsed Siliceous Phyllite**
																					lt br-lt gy laminated, wkly phyllitic
																					grades loc to siliceous phyllite (ie incomplete hornfelsing)
																					PY as dissems
																					gradational cnts
138.6	140.9	SP											<1								**Siliceous Phyllite**
			S1	139.7	50																dk gy/blk-lt gy laminated, wkly phyllitic
																					PY in <vnlts and rare irreg vns
																					loc silicified patches w/ sdes
140.9	157.8	SPbh											<1					tr			**Biotite Hornfelsed Siliceous Phyllite**
			S1	148.4	50																lt br-lt gy-dk gy/blk laminated, wkly to mod phyllitic
			S1	154.3	50																incompletely BI hornfelsed
			S1	157.0	40																localized, wk sericite alt'n
																					PY in rare vns w/ QZ+/-AS @ 50 (~ S1 conformable), <vnlts, and as dissems
																					AS as blebs in PY vns
																					150.3-150.6 rubbly core w/ gouge
																					157.6-157.7 dk gy pebble dyke w/ lt gy milled frags to 5mm
																					157.7 GL+SP vn @ 62; 15mm
157.8	168.6	Md											<1	1		tr		tr			**Monzonite Dyke**
																					lt gy/gr, med gr, non-mag, non-calc

Diamond Drill Log LD 04-11

Date: Logged By: DJH Page 6/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					157.8-168.6 cont'd
																					PY in vnlts
																					PO as blebs
																					AS in vnlts w/ PY
																					SP in vnlts w/ PY
																					upper cnt broken w/ 10 cm gouge @ 53
																					lower cnt sharp, planar @ 63
168.6	178.3	SPbh											<1	tr							**Biotite Hornfelsed Siliceous Phyllite**
			S1	170.9	45																grades loc to siliceous phyllite (ie incomplete hornfelsing)
			S0	171.4	55																lt br-lt gy laminated, wkly phyllitic
			S1	177.4	69																PY in <vnlts, vnlts
																					PO as scattered blebs
																					171.4-171.5 Biotite Phyllite band
																					175.2-175.3 bxia w/ monzonite and siliceous phyllite frags
																					176.1-176.4 Biotite Phyllite band w/ grad cnts
178.3	192.1	Mpd											-								**Porphyritic Monzonite Dyke**
																					lt gy/br, non-mag, non-calc, wkly porphyritic, unmineralized
																					2% euhedral feld phenos to 15mm
																					upper cnt sharp, planar @ 55
																					lower cnt sharp, irreg @ ~54
																					189.1-189.9 siliceous phyllite xenolith
192.1	193.0	Bxia											-								**Breccia Zone**
																					heterolithic breccia w/ frags of monzonite and siliceous phyllite in a dk to med
																					gy matrix
																					upper cnt sharp, planar @ 44
																					lower cnt 50mm gouge @ 75
193.0	203.3	SPbh											1	tr	tr						**Biotite Hornfelsed Siliceous Phyllite**
			S1	194.1	58																a/a 168.6-178.3
			S1	198.0	57																grades loc to siliceous phyllite (ie incomplete BI hornfelsing)
																					PY as patches and in vnlts
																					PO as blebs and in vnlts
																					CP in vnlts w/ PO+QZ

Diamond Drill Log LD 04-11

Date: Logged By: DJH Page 7/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					193.0-203.3 cont'd
																					loc. strong sericite alt'n
																					194.8-195.5 sericite alt'n w/ 5% PY as patches/blebs
																					198.5 heterolithic bxia @ 63; 20 mm wide
																					198.9-199.0 dk gy, fine gr, wkly calc, non-mag dyklet w/ rare monzonite
																					frags to 10mm; cnts sharp, planar @ 58
																					199.0-199.9 strong sericite alt'n
																					199.9-200.3 gouge and rubbly core
EOH @ 203.3 m																					

RQD Log LD04-11

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
6.1			139.3	292	
8.2	83	40	142.3	213	71
11.3	230	74	145.4	256	83
14.3	128	43	148.4	209	70
17.4	157	51	151.5	86	28
20.4	199	66	154.5	221	74
23.5	224	72	157.6	209	67
26.5	265	88	160.6	268	89
29.6	241	78	163.7	278	90
32.6	218	73	166.7	271	90
35.7	257	83	169.8	239	77
38.7	201	67	172.8	234	78
41.8	249	80	175.9	237	76
44.8	182	61	178.9	257	86
47.9	227	73	182.0	255	82
50.9	222	74	185.0	279	93
53.9	129	43	188.1	286	92
57.0	96	31	191.1	293	98
60.0	98	33	194.1	200	67
63.1	212	68	197.2	287	93
66.1	200	67	200.2	206	69
69.2	227	73	203.3	99	32
72.2	250	83			
75.3	171	55	EOH @ 203.3m		
78.3	175	58			
81.4	94	30			
84.4	127	42			
87.5	157	51			
90.5	231	77			
93.6	226	73			
96.6	202	67			
99.7	156	50			
102.7	93	31			
105.8	228	74			
108.8	292	97			
111.9	268	86			
114.9	298	99			
118.0	293	95			
121.0	258	86			
124.0	234	78			
127.1	161	52			
130.1	292	97			
133.2	267	86			
136.2	266	89			
139.3	292	94			

Survey Log LD04-11

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip	
0	0		90		-55	
157	47.9	66	88	37	-53	
307	93.6	57.5	79.5	40.5	-49.5	* magnetic interference?
457	139.3	63	85	40.5	-49.5	
667	203.3	60	82	42	-48	

Assay Sample Log LD04-12

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0	134.7	no sample								
322266	134.7	136.2			1.5	100	0.156	1.9	2540	103	1110
322267	136.2	137.6			1.4	100	0.268	5.9	4210	166	122
322268	137.6	139.3			1.6	94	0.878	19.0	7210	193	3450
322269	139.3	140.8			1.5	100	0.143	3.3	1560	152	1850
322270			standard				0.875	2.7	14	11600	88
322271			blank				0.002	0.1	6	130	44
322272	140.8	142.3			1.5	100	0.022	1.2	343	84	342
322273	142.3	143.8			1.4	93	0.235	5.3	3410	117	1750
	143.8	316.1	no sample								
EOH @ 316.1											

Diamond Drill Log LD 04-12

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	6.1	O/B																			**triconed overburden**
																					no core
6.1	24.9	SP											tr								**Siliceous Phyllite**
			S1	12.3	56																dk gy/blk-lt gy laminated; wkly to moderately phyllitic
			S1	16.2	48																<10% SPbh intercalated
			S1	22.0	55																lt gy, siliceous lams are locally broken w/ frags rotated and augened
																					6.1-7.4 rubble and gouge (no attitude)
																					8.1-8.3 rubble & gouge @ 68
																					PY as blebs
																					LI in <vnlts
																					23.4 QZ+PY+CP vn; 4.5 cms wide; lower cnt S1 conformable; upper cnt
																					x-cuts S1
																					lower cnt gradational
24.9	32.6	SPbh											tr								**Biotite Hornfelsed Siliceous Phyllite**
			S1	25.9	62																lt br-lt gy laminated; wkly phyllitic
			S1	32.0	52																PY in <vnlts and vnlts
																					LI in <vnlts locally
																					lower cnt gradational
32.6	37.2	SPa											1		tr	tr					**Altered Siliceous Phyllite**
																					lt gy, laminated, wkly phyllitic
																					sericite alteration of biotite rich laminae of SPbh
																					grades loc. to SPbh
																					mod. QZ <vnlt stwk
																					PY in vnlts
																					CP in vnlts w/ PY
																					SL in vnlts w/ PY
																					LI in <vnlts locally
																					lower cnt gradational
																					35.7-36.0 rubbly core w/o gouge
37.2	46.2	SPbh											tr	tr		tr		tr			**Biotite Hornfelsed Siliceous Phyllite**
			S1	37.5	73																lt br-lt gy laminated, wkly phyllitic, w/ loc dk gy/blk laminae
			S1	44.0	56																PY/PO as blebs and in <vnlts

Diamond Drill Log LD 04-12

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					37.2-46.2 cont'd
																					SL and AS in CB vnlt
46.2	52.9	Md											tr								**Monzonite Dyke**
																					lt to med gr/gy; non-magnetic; non-calc; wkly porphyritic
																					PY as rare patches to 10mm
																					upper cnt sharp, planar @ 70
																					lower cnt sharp; slightly irregular @ ~42
52.9	112.0	SP											tr			tr		tr			**Silcieous Phyllite**
			S1	53.9	62																dk gy/blk-lt gy laminated, wkly phyllitic
			S1	61.3	54																grades locally to SPbh w/ lt br laminae
			S1	72.9	50																S1 loc disrupted; lt gy siliceous laminae are broken and rotated
			S1	81.4	60																PY in <vnlts
			S1	84.4	56																local wk QZ vn stwk
			S1	93.6	52																66.2 PY+SL+AS+QZ+CB vn @ 55; 10 mm wide
			S1	99.1	42																85.7-86.8 white QZ veining w/ tr PO; SL vnlt x-cuts QZ vn
			S1	102.7	60																89.9-90.5 lt br, wkly plag phyric, felsite dyke; upper cnt sharp @ ~47; lower
			S1	108.0	55																cnt sharp, irreg (no attitude)
																					92.5-92.6 QZ vn stwk
																					95.0-95.1 QZ+PY irreg vn @ 25 w/ 25% gy/br material and strong QZ+ser
																					alteration envelope
																					97.3-97.6 graphitic gouge and rubble
																					100.4-101.0 irreg QZ vn stwk
																					108.8 GL+SL+PY vns (2) @ 65; 10mm and 15mm; minor gouge @ cnts
																					110.3 PY+tr SL vn @ 70 w/ minor gouge
112.0	122.4	Mpd											<1			tr					**Porphyritic Monzonite Dyke**
																					lt gr/gy - med gy/gr, porphyritic, non-mag, non-calc
																					w/ 10% feldspar phenos to 10x10mm in a med grained matrix
																					tr muscovite
																					PY as dissems
																					SL as blebs
																					upper cnt sharp, planar @ 50
																					lower cnt sharp, planar w/ minor bxia @ 65

Diamond Drill Log LD 04-12

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
122.4	135.0	SP											1	tr	tr						**Siliceous Phyllite**
			S1	127.0	56																dk gy/blk-lt gy laminated, wkly phyllitic
			S1	130.3	55																w/ irreg white QZ (vns?) locally
			S1	133.2	59																PY in <vnlts
																					PO as blebs and in gashes
																					CP as blebs w/ PO
																					128.7-128.9 rubbly core w/o gouge
135.0	142.7	SPm											3	<1		<1		<1			**Mineralized Siliceous Phyllite**
			S1	140.5	58																dk gy/blk-lt gy laminated, wkly phyllitic
																					grades locally to unmineralized siliceous phyllite
																					SL/AS/PY/PO in irreg vnlts, gashes, & <vnlts
																					loc. PY+QZ+CB+/-AS vns? to 20cms (x-cuts S1)
																					139.2 GL+SP+AS vn @ 47; 30 mm wide (x-cuts S1)
																					142.6-142.7 rubble w/ minor gouge @ 52
142.7	156.5	SP											<1	<1	tr						**Siliceous Phyllite**
			S1	145.4	44																dk gy/blk-lt gy laminated
			S0	146.5	47																lt gy siliceous bands are broken and frags are rotated and augened
			S1	152.4	53																PY/PO as blebs and in <vnlts and irreg vnlts to 2mm
																					146.5-147.1 dk gr, massive chloritic rock w/ 10% siliceous bands; upper cnt
																					(SO) parallel to S1; lower cnt gradational
																					155.6-156.5 sericite alt'n of argillaceous laminae
156.5	167.7	Md?											<1	<1		tr	tr?	tr			**Weakly Mineralized Monzonite Dyke?**
																					med gy/gr, non-porph, non-mag, v. wkly calc
																					minor QZ+sericite alt'n proximal to mineralized vnlts, <vnlts
																					locally mineralized w/ PY+PO+/-SL+/-GL+/-AS in vnlts and <vnlts
																					upper cnt sharp, planar @ 26
																					lower cnt sharp, planar @ 50
																					(becomes less mineralized toward end of interval)
167.7	172.8	SP											<1								**Siliceous Phyllite**
			S1	170.5	30																dk gy/blk-lt gy laminated, wkly to modly phyllitic
																					strongly fractured core w/ local rubble and minor gouge
																					loc BI and sericite alt'n of argillaceous laminae

Diamond Drill Log LD 04-12

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					167.7-172.8 cont'd
																					minor irreg. white QZ vn stwk
																					PY in <vnlts
172.8	186.3	Mpd																			**Porphyritic Monzonite Dyke**
																					cream colored, non-mag, strongly porph., non-mineralized
																					w/ 30% feldspar phenos to 15x10mm
																					upper cnt brecciated w/ minor siliceous phyllite xenoliths
																					lower cnt brecciated from 185.4 w/ siliceous phyllite xenoliths
186.3	281.4	SP											tr	tr	tr						**Siliceous Phyllite**
			S1	188.1	37																dk gy/blk-lt gy laminated, wkly to modly phyllitic
			S1	195.1	42																lt gy siliceous laminae are generally broken w/ loc augen texture
			S1	200.5	30																local wk BI hornfels developed
			S1	205.3	76																local QZ+sericite alt'n of argillaceous laminae
			S1	212.5	40																PY in vnlts, <vnlts
			S1	220.4	40																PO as blebs w/ PY
			S1	224.4	53																CP in PO blebs locally
			S1	230.5	50																201.7-202.2 rubble and gouge
			S1	233.8	65																207.6-207.7 rubble and gouge
			S1	240.9	50																213.1-213.3 rubble and gouge
			S1	245.5	42																218.6 graphitic slip
			S1	251.1	52																222.8 AS in <vnlt
			S1	257.2	60																grades locally to phyllitic chert
			S1	262.7	58																local irreg, white QZ vn stwk
			S1	267.8	70																246.5-281.4 siliceous laminae are locally broken (angular and augen frags)
			S1	273.4	63																267.6 gouge @ 63; 50 mm wide
			S1	280.3	44																
281.4	282.4	Md																			**Monzonite Dyke**
																					lt gy/gr, non-mag, non-calc, non-porph
																					w/ 15% med br/gy patches
																					upper cnt sharp, irreg
																					lower cnt sharp, planar @ 43

Diamond Drill Log LD 04-12

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From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Y-Gar	Br-Gar	Si	PY	PO	CP	SL	GL	AS	BN	MG	
282.4	295.9	SP											tr	tr							**Siliceous Phyllite**
			S1	285.4	57																dk gy/blk-lt gy laminated, wkly phyllitic
			S1	290.7	60																lt gy siliceous laminae are generally broken (angular and augen frags)
																					local irreg white QZ vns
																					PY/PO as blebs
295.9	298.4	SSa												<1							**Argillaceous Siltstone**
			S0	298.4	25																med gy, v. wkly laminated, v. wkly phyllitic
																					PO as blebs and patches
																					upper cnt gradational
																					lower cnt sharp, planar @ 25
298.4	316.1	SP																			**Siliceous Phyllite**
			S1	301.2	48																dk gy/blk-lt gy laminated, wkly phyllitic
			S1	308.4	50																w/ 5% interbedded phyllitic argillaceous siltstone and phyllitic chert
			S1	314.5	50																lt gy, siliceous laminae are generally broken (angular and augen frags)
																					306.7 PY+SL vn @ 60; 8mm wide
																					306.9 SL+GL+PY vn @ 58; 12mm wide
EOH @ 316.1 meters																					

RQD Log LD04-12

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block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
6.1			139.3	244	
8.2	16	8	142.3	243	81
11.3	177	57	145.4	211	68
14.3	246	82	148.4	257	86
17.4	251	81	151.5	259	84
20.4	245	82	154.5	276	92
23.5	252	81	157.6	220	71
26.5	245	82	160.6	287	96
29.6	253	82	163.7	251	81
32.6	264	88	166.7	238	79
35.7	166	54	169.8	153	49
38.7	61	20	172.8	71	24
41.8	210	68	175.9	270	87
44.8	241	80	178.9	258	86
47.9	233	75	182.0	259	84
50.9	269	90	185.0	256	85
53.9	284	95	188.1	216	70
57.0	278	90	191.1	154	51
60.0	289	96	194.1	238	79
63.1	287	93	197.2	204	66
66.1	261	87	200.2	149	50
69.2	268	86	203.3	156	50
72.2	249	83	206.3	124	41
75.3	254	82	209.4	153	49
78.3	263	88	212.4	231	77
81.4	284	92	215.5	194	63
84.4	224	75	218.5	232	77
87.5	279	90	221.6	229	74
90.5	227	76	224.6	249	83
93.6	232	75	227.7	277	89
96.6	116	39	230.7	286	95
99.7	148	48	233.8	264	85
102.7	218	73	236.8	259	86
105.8	121	39	239.9	248	80
108.8	111	37	242.9	280	93
111.9	172	55	246.0	256	83
114.9	247	82	249.0	274	91
118.0	291	94	252.1	236	76
121.0	169	56	255.1	273	91
124.0	206	69	258.2	214	69
127.1	185	60	261.2	212	71
130.1	196	65	264.2	143	48
133.2	184	59	267.3	71	23
136.2	281	94	270.3	216	72
139.3	244	79	273.4	303	98

RQD Log LD04-12

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273.4	303				
276.4	261	87			
279.5	276	89			
282.5	271	90			
285.6	229	74			
288.6	277	92			
291.7	242	78			
294.7	289	96			
297.8	287	93			
300.8	261	87			
303.9	267	86			
306.9	22	7			
310.0	251	81			
313.0	300	100			
316.1	284	92			

Survey Log LD04-12

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		89		-55
157	47.9	64.5	86.5	39	-51
307	93.6	57.5	79.5	40.5	-49.5
457	139.3	56	78	41	-49
607	185.0	60	82	42	-48
757	230.7	64	86	42.75	-47.25
1037	316.1	56	78	46	-44

Assay Sample Log LD04-13

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	105.9	no sample								
322274	105.9	107.7			1.8	100	0.358	20.9	2400	124	5320
	107.7	200.7	no sample								
322275	200.7	202.2			1.5	100	0.047	1.0	25	563	42
322276	202.2	203.7			1.5	100	0.019	0.9	39	582	39
322277	203.7	204.8			1.1	100	0.035	1.1	51	573	43
	204.8	231.2	no sample								
322278	231.2	232.7			1.5	100	0.090	1.9	64	740	46
	232.7	236.1	no sample								
322279	236.1	237.7			1.5	94	12.700	3.0	95	2090	41
322280	237.7	239.1			1.4	100	0.087	2.3	339	590	239
	239.1	291.5	no sample								
322281	291.5	292.8			1.2	92	0.267	0.9	106	299	43
322282	292.8	293.9			1.1	100	0.089	0.4	337	97	29
322283	293.9	295.2			1.3	100	0.073	0.5	87	279	28
322284	295.2	297.0			1.8	100	0.057	0.1	40	82	29
322285	297.0	298.9			1.9	100	0.167	0.6	120	105	39
322286	298.9	300.6			1.7	100	0.587	1.5	110	318	67
322287	300.6	302.1			1.5	100	1.215	1.6	111	778	68
322288	302.1	303.6			1.5	100	0.084	0.2	203	36	33
322289	303.6	305.3			1.7	100	0.461	2.6	199	714	40
322290			standard				1.025	2.9	21	11600	82
322291			blank				0.002	0.0	7	130	45
	305.3	365.8	no sample								
322292	365.8	366.9			1.1	100	0.067	1.2	154	300	39
	366.9	368.7	no sample								
322293	368.7	370.2			1.5	100	0.053	0.9	544	66	213
322294	370.2	371.4			1.2	100	0.110	0.6	201	203	67
322295	371.4	372.6			1.0	83	0.031	1.3	246	336	197
322296	372.6	373.5			0.9	100	0.072	2.7	378	2870	70
322297	373.5	374.7			1.1	92	0.049	0.4	228	127	35

Assay Sample Log LD04-13

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Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	374.7	419.7	no sample								
EOH @ 419.7											

Diamond Drill Log LD 04-13

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	4.3	O/B																			**triconed** - no core
4.3	12.3	Md											tr								**Monzonite Dyke**
																					med gy, slightly mag, wkly calc, fine grained
																					w/ 3-4% mafics
																					local chl. alt'n of mafics
																					wk sauss. alt'n of plag.
																					PY in <vnlts w/ EP
																					lower cnt sharp, planar @ 50
12.3	31.1	SPbh											<1		tr						**Biotite Hornfelsed Siliceous Phyllite**
			S1	14.8	48																lt gy-med br/gy laminated, v. wkly phyllitic
			S1	20.6	49																br/gy biotite rich laminae are generally contorted
			S1	24.8	53																grades locally to phyllitic chert
			S1	28.3	53																local wk sericite alt'n of biotite rich laminae is related to sde mineralization
																					in vns & vnlts
																					PY in vns, vnlts, <vnlts, and as blebs
																					CP as blebs w/ PY
																					MO (tr) in <vnlts proximal to monzonite cnt
																					23.1 gouge @ 62; 20 mm wide
																					28.6-30.1 rubbly core w/ local gouge
31.1	33.3	Md											<1								**Monzonite Dyke**
																					lt gy, non-mag, wkly calc, v. wkly porph
																					wk <vnlts w/ biotite alt'n envelopes
																					wk sauss. alt'n of plag
																					PY in vnlts, <vnlts
																					upper cnt sharp, planar @ 30
																					lower cnt sharp, planar @ 33
33.3	200.7	SPbh											<1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	35.7	60																lith and alt'n a/a 12.3-31.1
			S1	39.9	50																PY in vnlts, <vnlts and as blebs
			S1	47.5	57																PY+QZ vns to 10mm
			S1	50.5	42																MO (tr) in vnlt w/ PY+CB
			S1	57.2	53																57.3 QZ vn @ 26; 60 mm

Diamond Drill Log LD 04-13

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					33.3-200.7 cont'd
			S1	63.4	63																100.3 tr SL in vnlt w/ PY
			S1	68.6	42																105.9-107.7 mineralized zone w/ 7% PY as patches/blebs, 0.1% AS as
			S1	73.0	60																blebs, tr MO; SL/GL vn @ 52/14mm; 10% white CY in structurally
			S1	76.8	54																controlled zones @ 27/10cm
			S1	85.8	63																114.4-114.9 rubble and gouge @ 45
			S1	90.5	53																114.9-116.4 rubble w/ minor gouge
			S1	96.2	50																119.1 PY/SL vnlt
			S1	102.8	45																125.0 SL/PY/GL? vn @ 28/15mm w/ gouge on cnts
			S1	105.3	53																129.2-129.4 breccia, rubble & gouge @ 20
			S1	111.7	35																130.1-130.5 rubble & gouge (no attitude)
			S1	118.4	40																131.3 PY/CP vnlt @ 23/5mm w/ gouge at cnts
			S1	123.5	50																137.2 bxia zone @ 20/23mm
			S1	127.2	54																142.5 PY/SL vnlt @ 56/9mm
			S1	136.2	54																150.6 QZ/CB?SL vnlt @ ?/2mm
			S1	140.1	44																154.5-155.5 phyllitic chert
			S1	147.4	42																155.5 QZ/PY vn @ 80/10mm
			S1	149.9	60																164.1-166.2 rubble and gouge (no attitude)
			S1	157.0	57																168.6 PY/AS bleb
			S1	163.7	38																172.2-173.3 chlorite/PY altered rx w/ 5% PY as blebs, 0.5% EP; massive,
			S1	171.3	33																wkly calc, wkly mag; cnts sharp, irregular
			S1	179.2	52																184.0 structurally controlled CL/EP/PY alt'n @ 20/25mm
			S1	188.4	35																185.2 structurally controlled CL/EP/PY alt'n @ 20/15mm
			S1	198.5	54																191.1 gouge @ 42
																					191.4-191.5 gouge & QZ/PY vn @ 56/25mm
200.7	204.8	SKrm											7	7	0.5						**Mineralized Chlorite-Actinolite? Retrograde Skarn**
																					dk gr, felted, non-calc, w/ 2% EP as patches/blebs assoc. w/ PY
																					grades locally to lt red/br mottled calcium garnet prograde skarn and
																					siliceous phyllite; ie incomplete prograde and retrograde alt'n
																					PY as patches/blebs and in vnlts
																					PO as patches/blebs
																					CP as blebs w/ PO
																					upper cnt irreg, sharp
																					lower cnt gradational

Diamond Drill Log LD 04-13

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
204.8	209.3	Fd											1								**Felsite Dyke**
																					lt gy to med gy/gr, wkly porphyritic w/ plag phenos to 3mm in a felsic matrix
																					w/ local exoskarn developed proximal to PY vnlts
																					PY in vnlts +/- QZ and in <vnlts
																					1% EP as blebs
																					lower cnt sharp, planar @ 85
209.3	236.1	SPbh											<1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	212.8	37																lith and alt'n a/a 12.3-31.1
			S1	219.8	22																PY in <vnlts, rare vnlts w/ QZ
			S1	229.0	60																212.4 bia vn w/ SL/PY/AS @ 38/10cm
			S1	234.3	64																214.7 PY/SL/QZ vn @ 5/7mm
																					214.7 PY/SL/AS vn @ 22/9mm in dk gy QZ vn
																					215.1 PY/SL in dk gy QZ vn @ 18/5mm
																					222.4 PY/SL/QZ/AS vn @ 48/14mm
																					222.3-225.7 sericite alt'n of biotite rich laminae
																					231.3-231.5 SKp; lt gr-lt red/br-lt yellow/gr mottled, non-calc; 5% PY as
																					blebs, and in vnlts; cnts are sharp, irreg (x-cuts S1)
																					232.3-232.5 10% PY and 1% AS in irreg vns & vnlts
																					231.2-232.7 mineralized siliceous phyllite w/ 5% PY in <vnlts, vnlts
																					lower cnt gradational
236.1	237.7	SKpm											3	10	1.5						**Mineralized Ca-Garnet, Clinopyroxene? Prograde Skarn**
																					lt to med gr-lt red/br mottled, massive, non-calc
																					w/ <2% dk gr/blk chlorite retrograde alt'n
																					PY as blebs
																					PO as patches/blebs
																					CP as blebs
																					237.4-237.7 massive PO
																					lower cnt fairly sharp, irregular
237.7	239.1	SKpm											5					tr			**Incip. Developed Ca-Garnet, Clinopyroxene Prograde Skarn**
																					lt to med green-lt red/br mottled, wkly laminated
																					PY as blebs and in <vnlts
																					AS associated w/ white QZ vn (pod?)
																					lower cnt sharp, irreg, x-cuts S1

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
239.1	246.4	SPbh											tr								**Biotite Hornfelsed Siliceous Phyllite**
			S1	241.9	61																lith and alt'n a/a 12.3-31.1
			S1	243.1	60																PY in <vnlts, vnlts
																					occ. irreg, white QZ vns w/ PY/CL
																					240.2 massive PY vn w/ dk gr/blk alt'n envelopes @ 23/25mm
246.4	247.6	Md											5								**Mineralized Monzonite Dyke**
																					med gr, non-calc, non-mag, wkly porph
																					pervasive sauss. alt'n
																					PY in vnlts and as patches w/ dk gr/blk CL alt'n halos
																					upper cnt sharp, slightly irreg @ 58
																					lower cnt sharp, irreg
																					cnts x-cut S1
247.6	291.5	SPbh											<1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	248.9	52																lith and alt'n a/a 12.3-31.1
			S1	254.7	47																local dk gy, argillaceous laminae (incomplete hornfelsing)
			S1	260.4	40																local QZ+sericite bleached zones
			S1	266.3	70																PY in vnlts, <vnlts
			S1	273.4	63																261.2-261.7 QZ+sericite alt'n of biotite rich laminae w/ 5% PY as patches,
			S1	279.4	55																blebs, and in vnlts
			S1	285.4	56																269.2-269.3 CB/PY bxia vn
			S1	289.7	48																280.4 PY/QZ vn @ 46/50mm
291.5	292.8	SP-SK											2	2							**Intercalated Biotite Hornfelsed Siliceous Phyllite and Ca-Garnet,**
																					Clinopyroxene Prograde Skarn
																					60-70% typical laminated, wkly phyllitic SPbh
																					30-40% lt gr & lt red/br mottled and banded prograde skarn
																					<5% dk gr/blk CL retrograde alt'n
																					PY/PO as patches/blebs in skarn bands
292.8	293.9	SP											tr	<1							**Siliceous Phyllite**
																					dk gy/blk-lt gy laminated, wkly phyllitic
																					w/ <5% intercalated skarn
																					local sericite alt'n of dk gy/blk argillaceous laminae
																					PY in <vnlts

Diamond Drill Log LD 04-13

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					292.8-293.9 cont'd
																					PO in vnlts and as blebs
293.9	295.2	SKp											<1	4	0.2						**Ca-Garnet, Clinopyroxene Prograde Skarn**
																					med gr w/ patches of lt red/br, massive, locally calc w/ 5% xtline CA patches
																					PY as blebs
																					PO as patches/blebs
																					CP as small specks w/ PO
																					upper cnt sharp, planar @ 70 (x-cuts S1)
																					lower cnt sharp, irreg
295.2	297.7	SP-SK											<1	2	tr						**Intercalated Biotite Hornfelsed Siliceous Phyllite and Ca-Garnet**,
			S1	295.3	64																**Clinopyroxene Prograde Skarn**
																					30-40% skarn bands w/ v. irreg cnts x-cutting S1
																					Skarn lithology a/a 291.5-292.8
																					60-70% typical, laminated SPbh
																					PO as blebs
																					PY in vnlts, <vnlts and as dissems
																					CP as specks w/ PO
																					lower cnt gradational
297.7	298.9	SPm											7								**Mineralized and Altered Siliceous Phyllite**
																					lt gy, wkly laminated, wkly phyllitic
																					PY as patches and in vnlts, <vnlts
																					lower cnt gradational
298.9	300.6	SP																			
			S1	299.5	58								2								**Siliceous Phyllite**
																					dk gy/blk-lt gy laminated, wkly phyllitic
																					grades locally to SPbh
																					local QZ+sericite alt'n patches assoc. w/ increased PY content
																					PY in vnlts +/- QZ and as blebs
																					299.2-300.6 QZ+sericite alt'n w/ increased PY and 1% EP
300.6	302.1	SKpm											5	5	0.5						**Mineralized Ca-Garnet, Clinopyroxene Prograde Skarn**
																					w/ 10-20% CL/ACT retrograde alt'n

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					300.6-302.1 cont'd
																					lt gr-lt red/br mottled w/ patches of dk gr, massive, v. wkly calc
																					300.6-300.9 30% dk gr/blk CL retrograde alt'n w/ EP
																					PY as patches/blebs
																					PO as blebs
																					CP as specks w/ PO
																					upper cnt gradational
																					lower cnt sharp, fairly planar @ 50
302.1	305.3	SPbh											2	1							**Biotite Hornfelsed Siliceous Phyllite**
																					w/ 10% clinopyroxene skarn bands (cnts S1 conformable)
																					lt gy-lt br laminated, wkly phyllitic
																					40% QZ+sericite alt'n of biotite rich laminae assoc w/ increase in PY+/-EP vnlts
																					PY in vns, vnlts and as patches
																					PO as blebs
																					304.5-304.7 30% PY/ 5% CP/ MG as patches or as poorly developed vns
305.3	365.8	SPbh											1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	306.0	50																dk br-lt gy laminated, wkly phyllitic
			S1	313.8	62																<5% QZ+sericite altered bands assoc w/ PY in vns, vnlts
			S1	320.7	62																grades locally to siliceous phyllite (incompletely hornfelsed)
			S1	324.0	43																lt gy siliceous laminae are locally broken w/ some augened frags
			S1	327.7	32																PY in vnlts, <vnlts
			S1	333.0	35																317.7-317.8 structurally controlled retrograde skarn band @ 25
			S1	339.1	40																322.0 structurally controlled retrograde skarn band @ 28; x-cuts S1; wk QZ+
			S1	345.7	53																sericite alt'n envelopes
			S1	349.5	51																322.2-322.4 light gy pebbles (probably not part of this interval - may have
			S1	354.9	41																fallen down hole when bit was changed
			S1	361.7	33																323.9 PY/QZ vn @ 39/15mm
																					336.9 5cm retrograde skarn band w/ PY/CL/CY
																					340.7 clinopyroxene skarn band @ 34/60mm w/ 4% PO patches/blebs and
																					2% PY blebs; x-cuts S1
																					343.2 15mm retrograde skarn band w/ CL/PY; 35mm QZ+sericite alt'n halos
																					347.2-347.6 heavily fractured and rubbly core w/ gouge @ 347.6
																					347.6-347.9 dk gr/blk retrograde skarn band w/ CL/PY
																					349.7-349.9 retrograde skarn w/ CL/PY/CY; x-cuts S1; QZ+sericite envs.

From	To	Rock	Mod	Stuct	CA	Alteration	Mineralization	Comments

						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					305.3-365.8 cont'd
																					351.7-352.0 rubble and gouge
																					352.3 minor gouge
																					356.4-356.5 healed bxia w/ frags of monzonite and siliceous phyllite in a
																					dk gy/blk matrix
365.8	370.2	SP											2								**Siliceous Phyllite**
			S1	367.4	30																dk gy/blk-lt gy laminated, wkly phyllitic
																					<10% clinopyroxene skarn; x-cuts S1
																					grades locally to SPbh
																					PY as patches/blebs and in vnlts
370.2	372.6	SKp											3	2							**Clinopyroxene Prograde Skarn**
																					med gr, massive, non-calc
																					<5% dk gr/blk CL retrograde alt'n as patches and as borders on <vnlts
																					PO as patches/blebs (increasing toward lower cnt)
																					PY in <vnlts, and as patches/blebs
																					upper cnt intercalated w/ siliceous phyllite
																					lower cnt gradational
372.6	373.5	MS											35	35	1						**Massive Sulphide**
																					w/ <5% med gr, clinopyroxene prograde skarn
																					10% dk gr/blk CL retrograde skarn
																					10% QZ
																					cnts gradational
																					PY/PO as massive patches
																					CP as blebs w/ PO
373.5	374.7	SKp											2								**Clinopyroxene Prograde Skarn**
			S1	374.7	30																w/ relict laminations
																					med gr, wkly laminated, non-phyllitic, non-calc
																					lower cnt S1 conformable
																					PY as blebs and in <vnlts
374.7	382.0	SP											3			tr		tr			**Siliceous Phyllite**
			S1	380.0	36																dk gy-lt gy laminated, wkly phyllitic

Diamond Drill Log LD 04-13

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From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	

																					374.7-382.0 cont'd
																					grades loc to SPbh
																					<2% med green, clinopyroxene prograde skarn
																					PY in vns w/ QZ, vnlts, and as patches (+/- SL)
																					AS as blebs in healed bxia at 380.0
382.0	395.7	SP											<1								**Siliceous Phyllite**
			S1	385.9	47																dk gy-lt gy laminated, wkly phyllitic
			S1	392.2	32																grades locally to SPbh; no skarn alteration
																					<1% QZ+sericite alt'n of dk gy, argillaceous laminae
																					PY in <vnlts, and as patches/blebs
																					382.2-384.1 rubble and gouge w/ lower cnt @ 30
																					393.8-395.7 CP in vnlts @ 30/12mm and @ 40/1mm
395.7	413.8	Mpd																			**Monzonite Porphyry Dyke**
																					lt tan to pale br, non-mag, non-calc, med-coarse gr
																					w/ 3% feldspar phenos to 15x10mm
																					local CY alt'n of plag
																					upper cnt sharp, irreg
																					lower cnt sharp, irreg
413.8	419.7	SP											<1	<1							**Siliceous Phyllite**
			S1	418.9	50																dk gy/blk-lt gy laminated, wkly phyllitic
																					grades locally to SPbh
																					PY in <vnlts, vnlts
																					PO as small blebs
																					415.5-415.9 healed bxia w/ 10% monzonite and 90% siliceous phyllite frags
EOH @ 419.7 meters																					

RQD Log LD04-13

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
4.3			136.2		
5.2	21	23	139.3	231	75
8.2	183	61	142.3	263	88
11.3	226	73	145.4	260	84
14.3	219	73	148.4	161	54
17.4	254	82	151.5	283	91
20.4	235	78	154.5	264	88
23.5	218	70	157.6	237	76
26.5	76	25	160.6	219	73
29.6	99	32	163.7	246	79
32.6	170	57	166.7	54	18
35.7	206	66	169.8	164	53
38.7	162	54	172.8	259	86
41.8	215	69	175.9	256	83
44.8	198	66	178.9	204	68
47.9	203	65	182.0	196	63
50.9	260	87	185.0	267	89
53.9	217	72	188.1	230	74
57.0	147	47	191.1	274	91
60.0	175	58	194.1	224	75
63.1	245	79	197.2	266	86
66.1	239	80	200.2	288	96
69.2	232	75	203.3	266	86
72.2	279	93	206.3	287	96
75.3	224	72	209.4	289	93
78.3	259	86	212.4	209	70
81.4	265	85	215.5	237	76
84.4	286	95	218.5	244	81
87.5	293	95	221.6	260	84
90.5	296	99	224.6	211	70
93.6	269	87	227.7	274	88
96.6	273	91	230.7	191	64
99.7	236	76	233.8	173	56
102.7	258	86	236.8	213	71
105.8	239	77	239.9	234	75
108.8	167	56	242.9	281	94
111.9	289	93	246.0	279	90
114.9	206	69	249.0	274	91
118.0	54	17	252.1	272	88
121.0	216	72	255.1	244	81
124.0	166	55	258.1	273	91
127.1	169	55	261.2	232	75
130.1	143	48	264.2	199	66
133.2	120	39	267.3	231	75
136.2	219	73	270.3	263	88

RQD Log LD04-13

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270.3			413.6		
273.4	278	90	416.6	223	74
276.4	249	83	419.7	269	87
279.5	264	85			
282.5	273	91	EOH @ 419.7m		
285.6	261	84			
288.6	215	72			
291.7	275	89			
294.7	251	84			
297.8	271	87			
300.8	286	95			
303.9	276	89			
306.9	262	87			
310.0	219	71			
313.0	254	85			
316.1	288	93			
319.1	249	83			
322.2	207	67			
325.2	272	91			
328.3	273	88			
331.3	284	95			
334.3	211	70			
337.4	259	84			
340.4	281	94			
343.5	274	88			
346.5	178	59			
349.6	193	62			
352.6	214	71			
355.7	247	80			
358.7	170	57			
361.8	97	31			
364.8	76	25			
367.9	226	73			
370.9	159	53			
374.0	236	76			
377.0	201	67			
380.1	206	66			
383.1	118	39			
386.2	171	55			
389.2	227	76			
392.3	208	67			
395.3	255	85			
398.4	289	93			
401.4	276	92			
404.4	283	94			
407.5	266	86			
410.5	262	87			
413.6	300	97			

Survey Log LD04-13

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		87		-70
150	45.7	64	86	20.75	-69.25
300	91.4	64	86	21	-69
450	137.2	62	84	22	-68
600	182.9	67	89	22.75	-67.25
750	228.6	61	83	23.5	-66.5

Assay Sample Log LD04-14

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	224.5	no sample								
322298	224.5	226.1			1.6	100	0.342	0.3	4680	76	248
322299	226.1	227.7			1.6	100	0.122	0.2	1300	45	82
322300	227.7	229.2			1.5	100	0.257	0.4	1220	101	33
	229.2	237.0	no sample								
322301	237.0	238.7			1.7	100	0.131	0.4	56	102	54
	238.7	241.1	no sample								
322302	241.1	242.6			1.5	100	0.064	3.2	175	146	986
322303	242.6	243.7			1.1	100	0.047	10.0	95	1210	1330
322304	243.7	245.3			1.5	94	1.290	35.3	2620	2070	429
322305	245.3	246.6			1.3	100	0.857	378.0	2640	3410	410
322306	246.6	247.9			1.3	100	1.030	21.4	4350	1820	240
	247.9	323.9	no sample								
322307	323.9	325.2			1.3	100	0.086	0.5	2590	288	112
	325.2	361.8	no sample								
EOH @ 361.8											

Diamond Drill Log LD 04-14

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	4.3	O/B																			**triconed - no core**
4.3	14.0	SPbh											<1			tr					**Biotite Hornfelsed Siliceous Phyllite**
			S1	7.8	56																lt gy-lt br laminated, wkly phyllitic
			S1	12.4	56																LI on fractures to 5.2
																					SL in vnlt @ 7.5 (1-2mm wide)
																					PY in vnlts, <vnlts
14.0	18.4	Md											1							1	**Monzonite Dyke**
																					med gy/gr, non-calc, variably mag, non-porph
																					pervasive CL alt'n
																					PY as blebs and in <vnlts, vnlts
																					MG in vnlts
																					upper cnt sharp, planar @ 53
																					lower cnt sharp, planar @ 58
18.4	24.5	SPbh											tr								**Biotite Hornfelsed Siliceous Phyllite**
			S1	21.9	58																lith a/a 4.3-14.0
																					PY in <vnlts
24.5	40.5	Md											<1			tr				1	**Monzonite Dyke**
																					med greenish tan/gy, wkly mag, non-calc, non-porph, w/ 5% biotite books
																					local CL alt'n of biotite
																					local CY alt'n of plag
																					PY as dissems and in <vnlts
																					1% dissem EP
																					SL in vns w/ PY
																					MG in vnlts
																					upper cnt not observed due to broken core
																					lower cnt sharp, slightly irreg @ 47
																					37.5 SL/PY vn @ 22/13mm
40.5	135.7	SPbh											<1	tr		tr					**Biotite Hornfelsed Siliceous Phyllite**
			S1	40.7	62																med br-lt gy laminated, wkly phyllitic
			S1	43.4	43																loc. QZ+sericite alt'n of biotite rich laminae
			S1	48.7	66																loc. CL alt'n of biotite rich laminae

Diamond Drill Log LD 04-14

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					40.5-135.7 cont'd
			S1	52.4	57																PY as blebs and in vnlts, <vnlts
			S1	58.8	60																SL in vnlts w/ PY
			S1	63.7	53																PO as blebs w/ tr CP (begins at ~113m)
			S1	71.4	65																41.0-41.5 rubble and gouge
			S1	74.7	58																41.8-41.9 gouge (no attitude)
			S1	80.8	67																46.8 gouge @ 57/5cm
			S1	89.0	66																49.4-49.8 rubble
			S1	93.3	70																51.9 gouge (4cm); no attitude
			S1	99.5	47																54.6-54.9 gouge and rubble @ 52
			S1	102.9	68																63.7-64.0 gouge and rubble (no attitude)
			S1	108.2	62																67.2 QZ/PY vn @ 50/4cm
			S1	113.3	74																91.4-91.7 monzonite dyklet; upper cnt not observed due to broken core;
			S1	120.5	55																lower cnt sharp, planar @ 67
			S1	125.5	58																87.5-87.7 rubbly core w/o gouge
			S1	130.0	70																117.4 healed bxia zone w/ PY/SL @ 10/??mm
			S1	134.9	62																124.1-126.3 QZ+sericte alt'n of biotite rich laminae
																					124.5-124.6 two bands of gouge
																					125.7-125.9 rubble
																					131.5-131.7 rubble and minor gouge
																					133.1-133.2 rubble w/o gouge
135.7	136.7	Fd																			**Felsite Dyke**
																					lt greenish cream, v. wkly porph, non-mag, non-calc
																					no mineralization
																					no alteration
																					upper cnt sharp, slightly irreg @ 40
																					lower cnt bxiated and irreg. (no attitude)
136.7	224.5	SPbh				9	tr						<1		tr	tr					**Biotite Hornfelsed Siliceous Phyllite**
			S1	140.2	64																lt to med br-lt gy laminated, wkly phyllitic
			S1	145.2	62																<5% siliceous phyllite intercalated
			S1	151.4	57																PY in vns, vnlts
			S1	157.3	67																CP/SL as blebs in vnlts w/PY
			S1	162.5	55																157.4-157.6 gouge and heavily fractured core @ 70
			S1	168.1	60																170.2-172.4 0.5% PO as blebs w/ tr CP

Diamond Drill Log LD 04-14

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					136.7-224.5 cont'd
			S1	175.4	61																186.4-187.0 0.5% PO as blebs w/ tr CP
			S1	181.3	59																192.5-194.6 5% PY in vnlts, <vnlts
			S1	186.6	70																197.5-197.7 5% CP + 3% PY in vns, vnlts
			S1	191.1	61																211.4-217.7 S1 contorted (no attitudes)
			S1	196.9	47																219.2-219.3 med gr, incipient clinopyroxene skarn band w/ 3% PY
			S1	203.2	67																222.0-222.2 rubble and gouge
			S1	206.7	43																222.5-222.6 rubble and gouge
			S1	218.1	60																
			S1	223.2	67																
224.5	227.8	SP-SKp					2				tr	tr	2	1				0.2			**Siliceous Phyllite**
																					w/ 20% irreg patches of incip clinopyroxene, prograde skarn
																					dk gy/blk-lt gy laminated, wkly phyllitic
																					local QZ+sericite alt'n of biotite rich laminae
																					Skarn patches x-cut S1
																					PO/PY in skarn patches as blebs
																					AS as scattered xtls in skarn and in vnlts
227.8	237.0	SPbh				9					tr	tr	1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	235.0	70																lt to dk br-lt gy laminated, wkly phyllitic
																					local QZ+sericite alt'n of biotite rich laminae
																					PY in <vnlts, and as blebs
																					228.8 tr AS in irreg vnlt
																					233.7-233.9 rubble w/ minor gouge
																					234.3 gouge @ 56
																					236.0-237.0 2 narrow clinopyroxene skarn bands w/ 2% PY + tr AS
237.0	238.7	SKp-SP				4	6							2							**Clinopyroxene Prograde Skarn**
																					w/ 40% siliceous phyllite intercalated
																					med gr, mod calc, massive to wkly laminated
																					PO as blebs
238.7	242.6	Md											<1			0.2					**Monzonite Dyke**
																					lt gy/gr, wkly calc, non-mag, med grained
																					sauss alt'n of plag

Diamond Drill Log LD 04-14

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					238.7-242.6 cont'd
																					PY in <vnlts
																					SL in <vnlts locally
																					upper cnt fairly sharp, planar @ 50 (possible alt'n cnt - above unit maybe
																					exoskarn in part)
																					lower cnt indistinct (possible gradational alt'n cnt)
242.6	243.7	MZ											5	30	2	tr					**Mineralized Zone**
																					w/ 50% massive, wkly calc, strongly altered, intrusive? rx w/o relict textures
																					PO as massive bands
																					CP as small blebs
																					PY as blebs in altered host rx
243.7	247.9	MS											80		3	0.1		tr			**Massive Pyrite**
																					PY as coarse grained masses w/ 15% QZ matrix
																					CP as blebs
																					5% cavities
																					246.0 stibnite needles
																					243.9 SL as patches
																					246.8 AS xtls
																					lower cnt sheared @ 63
247.9	252.3	SPbh				9	tr				tr	tr	1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	248.3	55																lt gy-med br laminated, wkly phyllitic
			S1	249.9	60																local QZ+ser alt'n of biotite rich laminae
																					PY in vns, vnlts, and as patches/blebs
252.3	256.2	Md												<1		tr					**Monzonite Dyke**
																					pale gr/gy, non-mag, wkly porph, non-calc
																					mod hornfelsing, grades loc to siliceous phyllite
																					PO as blebs
																					SL in vnlts
																					upper cnt sharp, planar @ 70
																					lower cnt sharp, planar @ 70

Diamond Drill Log LD 04-14

Date: Logged By: DJH Page 5/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
256.2	306.2	SPbh				3	tr				tr	tr	<1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	257.7	52																lt br-dk gy-lt gy laminated, wkly phyllitic
			S1	261.6	70																mod biotite hornfelsing; grades loc to siliceous phyllite
			S1	270.4	72																local QZ+ser alt'n of biotite rich and argillaceous laminae
			S1	276.7	61																PY in <vnlts
			S1	281.0	74																263.9 SL/GL/PY vn @ 75/50mm
			S1	285.2	70																263.8-264.1 rubble and gouge @ 70
			S1	290.8	58																264.7-264.9 lt gy dyke w/ 10% wallrock frags
			S1	295.8	72																266.2-266.5 med gr, massive, clinopyroxene skarn w/ PY/AS mineralization;
			S1	300.4	68																upper cnt S1 conformable @ 60; lower cnt irreg (x-cuts S1)
			S1	306.1	60																275.0 PY/AS vnlt @ ??/4mm wide
																					275.2 PY vn @ 75/30mm w/ gouge at cnts
																					275.3-275.6 massive PY vn? w/ gouge @ 75
																					279.7 PY/QZ/SL/AS vn @ 55/5mm
																					288.4-292.0 siliceous phyllite w/ gradational cnts
																					298.6-298.9 QZ/CB vuggy vn @ 75 w/ gouge at cnts
306.2	310.1	LS												tr	tr	tr		tr			**Limestone**
																					med gr, massive
																					AS/PO/SL/CP in irreg vnlts
																					5% QZ/CB vns
																					upper cnt sharp, planar @ 73 (appears to x-cut S1)
																					patch w/ PY/dk gr/blk CL/AS ~ 4cm dia @ lower cnt
310.1	311.8	SPbh				1								<1				tr			**Biotite Hornfelsed Siliceous Phyllite**
			S1	311.3	70																dk gy-lt gy-dk br laminated, wkly phyllitic
																					wk biotite hornfelsing
																					PO as blebs
																					AS in irreg vnlts
311.8	320.4	Mpd											1								**Porphyritic Monzonite Dyke**
																					med gy/gr, strongly porph, non-mag, wkly calc
																					w/ 10% zoned feldspar phenos to 15x10mm
																					upper cnt sharp, irreg w/ 0.5m chilled
																					lower cnt sharp, irreg w/ 0.4m chilled

Diamond Drill Log LD 04-14

Date: Logged By: DJH Page 6/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
320.4	324.1	SPbh				1	tr						<1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	322.1	50																dk gy-med br-lt gy laminated, wkly phyllitic
																					wk biotite hornfelsing
																					PY in <vnlts, vnlts
																					323.9-324.1 incip skarn bands w/ 1% AS + 1% PO
																					lower cnt obscurred by skarn alt'n
324.1	328.9	LS					2														**Limestone**
																					med gy, massive
																					324.1-324.6 clinopyroxene prograde skarn w/ 25% limestone patches,
																					15% PO, 1% CP
																					324.6-325.9 10% clinopyroxene prograde skarn patches and bands w/
																					PY/AS/CP 325.0-325.2
																					328.7-328.9 clinopyroxene prograde skarn band @ 62
328.9	334.3	SPbh				4	tr						<1	<1	tr						**Biotite Hornfelsed Siliceous Phyllite**
			S1	330.2	77																dk gy-med br-lt gy laminated, wkly phyllitic
																					wk to mod biotite hornfelsing
																					S1 generally contorted
																					PY in vnlts, <vnlts
																					PO as blebs w/ CP
																					328.9-329.1 healed bxia w/ monzonite and siliceous phyllite frags in a dk gy
																					/blk matrix; tr AS xtls
																					329.1-330.7 10% incip skarn patches
334.3	344.2	Md											<1	tr	tr			tr			**Monzonite Dyke**
																					lt to med gy/gr, non-mag, wkly calc, non-porph, fine gr
																					PY in vnlts, vns
																					PO as blebs
																					CP in vnlts
																					334.7 PY/CP/AS vn @ 40/15mm
																					upper cnt sharp, planar @ 37
																					lower cnt sharp, irreg
344.2	358.1	SP				tr							<1		tr			tr			**Siliceous Phyllite**
			S1	346.8	75																dk gy/blk-lt gy laminated, wkly phyllitic

Diamond Drill Log LD 04-14

Date: Logged By: DJH Page 7/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					344.2-358.1 cont'd
			S1	353.8	65																lt gy, siliceous laminae generally broken and augened
			S1	356.3	55																PY in vnlts
																					CP in vnlts w/ PY+AS
																					344.2-344.7 mod biotite hornfelsing
358.1	361.8	Mpd																			**Porphyritic Monzonite Dyke**
																					med gy/gr, porphyritic, non-mag, non-calc
																					2% feldspar phenos to 12x10mm
																					upper cnt sharp, planar @ 57
																					358.1-358.3 xenoliths of siliceous phyllite
EOH @ 361.8 meters																					

RQD Log LD04-14

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
4.3			136.2	147	
5.2	11	12	139.3	174	56
8.2	24	8	142.3	188	63
11.3	241	78	145.4	154	50
14.3	208	69	148.4	198	66
17.4	121	39	151.5	239	77
20.4	238	79	154.5	215	72
23.5	233	75	157.6	190	61
26.5	194	65	160.6	193	64
29.6	259	84	163.7	184	59
32.6	220	73	166.7	190	63
35.7	232	75	169.8	175	56
38.7	199	66	172.8	249	83
41.8	156	50	175.9	252	81
44.8	124	41	178.9	226	75
47.9	197	64	182.0	255	82
50.9	76	25	185.0	253	84
53.9	91	30	188.1	268	86
57.0	119	38	191.1	257	86
60.0	196	65	194.1	187	62
63.1	82	26	197.2	181	58
66.1	98	33	200.2	174	58
69.2	172	55	203.3	191	62
72.2	202	67	206.3	183	61
75.3	122	39	209.4	274	88
78.3	117	39	212.4	234	78
81.4	89	29	215.5	140	45
84.4	249	83	218.5	164	55
87.5	101	33	221.6	109	35
90.5	89	30	224.6	18	6
93.6	103	33	227.7	154	50
96.6	241	80	230.7	286	95
99.7	235	76	233.8	38	12
102.7	238	79	236.8	239	80
105.8	210	68	239.9	278	90
108.8	268	89	242.9	291	97
111.9	283	91	246.0	270	87
114.9	276	92	249.0	228	76
118.0	231	75	252.1	268	86
121.0	261	87	255.1	256	85
124.0	180	60	258.1	235	78
127.1	118	38	261.2	239	77
130.1	264	88	264.2	246	82
133.2	121	39	267.3	23	7
136.2	147	49	270.3	259	86

RQD Log LD04-14

Date: Page: 2

270.3	259				
273.4	298	96			
276.4	234	78			
279.5	210	68			
282.5	213	71			
285.6	253	82			
288.6	221	74			
291.7	241	78			
294.7	183	61			
297.8	283	91			
300.8	216	72			
303.9	247	80			
306.9	269	90			
310.0	268	86			
313.0	234	78			
316.1	162	52			
319.1	260	87			
322.2	219	71			
325.2	250	83			
328.3	287	93			
331.3	188	63			
334.3	281	94			
337.4	144	46			
340.4	257	86			
343.5	223	72			
346.5	198	66			
349.6	161	52			
352.6	144	48			
355.7	201	65			
358.7	263	88			
361.8	300	97			
EOH @ 361.8					

Survey Log LD04-14

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		89		-55
150	45.7	62	84	37	-53
300	91.4	55	77	38	-52
450	137.2	54	76	38.5	-51.5
600	182.9	57	79	40	-50
750	228.6	57.5	79.5	41	-49
900	274.3	56	78	41.5	-48.5
1050	320.0	60	82	43	-47
1187	361.8	56	78	43	-47

Assay Sample Log LD04-15

Page: 1

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	88.0	no sample								
322308	88.0	89.5			1.5	100	0.327	59.7	963	14000	705
	89.5	292.1	no sample								
322309	292.1	293.0			0.9	100	0.148	7.8	939	1440	9710
322310			standard				1.040	2.6	14	11900	85
322311			blank				0.007	0.1	5	127	49
	293.0	383.3	no sample								
322312	383.3	384.8			1.5	100	0.067	0.8	6100	231	19
	384.8	402.5	no sample								
EOH @ 402.5											

Diamond Drill Log LD 04-15

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	3.7	O/B																			**Triconed - no core**
3.7	4.1	SPbh				9							1								**Biotite Hornfelsed Siliceous Phyllite**
																					lt to med br-lt gy laminated, wkly phyllitic
																					PY in vnlts
4.1	43.6	Md											1								**Monzonite Dyke**
																					med gy, non-mag, non-calc, med grained, non-porph, locally gr/gy
																					w/ 7% mafics (wk CL alt'n)
																					3% EP blebs locally
																					PY in <vnlts, and as dissems
																					upper cnt sharp, planar @ 55
																					lower cnt sharp, planar @ 61
43.6	48.9	SPbh				9							2								**Biotite Hornfelsed Siliceous Phyllite**
			S1	44.5	48																med br-lt gy laminated, wkly phyllitic
																					S1 very irreg
																					PY in vns, vnlts and as dissems
																					43.6-43.9 QZ vn; locally bxiated w/ CB matrix; tr MO in very irreg vnlt
48.9	51.9	Fd											4								**Felsite Dyke**
																					lt cream, porphyritic, non-mag, non-calc
																					w/ 10% anhedral plag to 2mm in an aphanitic matrix
																					PY in vnlts, vns
																					upper cnt sharp, planar @ 51
																					lower cnt sharp, planar @ 30
51.9	186.1	SPbh				9					tr	tr	1	tr	tr						**Biotite Hornfelsed Siliceous Phyllite**
			S1	52.6	37																lith a/a 43.6-48.9
			S1	62.0	50																local QZ+ser alt'n of biotite rich laminae
			S1	73.1	63																S1 irreg to 87.0 and locally thereafter
			S1	77.0	67																PY in vnlts, <vnlts, vns (2-3% locally)
			S1	84.1	45																PO as blebs
			S1	90.3	33																CP as specks w/ PO
			S1	94.6	50																79.2-84.9 QZ+ser alt'd siliceous phyllite w/ 2-3% PY in vnlts, <vnlts, vns
			S1	100.3	55																79.6-80.0 QZ/PY/CL vn?; cnts fairly sharp, irreg; 15% PY as patches/blebs

Diamond Drill Log LD 04-15

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					51.9-186.1 cont'd
			S1	106.2	57																81.2-81.4 QZ/PY/CL vn?; 15% PY as patches/blebs; cnts sharp, planar @ 40
			S1	112.7	71																88.3-89.2 QZ/PY/CP/CL zone (vn, pod, or whatever!); 6% CP, 15% PY as
			S1	119.9	55																patches; 10% siliceous phyllite inclusions w/ CL alt'n
			S1	123.4	60																86.1-88.3 QZ+ser alt'n
			S1	129.9	54																109.3 SL in vnlt
			S1	135.4	55																114.3-119.9 S1 contorted
			S1	139.4	59																138.4-138.5 QZ vn or pod/lens w/ tr PY/CP/PO
			S1	147.2	61																148.8-149.2 QZ+ser alt'd w/ 5% PY as patches
			S1	152.1	47																157.1-157.3 gouge
			S1	157.7	48																169.5-169.8 strongly fractured core and gouge
			S1	163.6	60																171.2-171.9 strongly fractured core and rubble w/ minor gouge; lower cnt @ 53
			S1	166.3	42																174.6 tr AS in <vnlt (irreg)
			S1	173.4	64																181.7-181.8 rubble and gouge
			S1	179.7	42																182.5 SL/GL/PY vnlt @ ??/2mm
			S1	185.5	53																
186.1	187.0	Fd											1					tr			**Felsite Dyke**
																					pale gr/cream, non-mag, non-calc, non-porph
																					wk sericite alt'n; local CY alt'n
																					PY in vnlts, and as dissems
																					AS as blebs
																					healed bxia at upper cnt @ 45
																					lower cnt sharp, fairly planar @ 30
187.0	292.1	SPbh				9					tr	tr	<1	<1		tr					**Biotite Hornfelsed Siliceous Phyllite**
			S1	188.2	48																lt br-lt gy laminated, wkly phyllitic
			S1	197.0	50																grades locally to siliceous phyllite
			S1	201.6	37																local QZ+ser alt'n of biotite rich laminae
			S1	206.2	55																PY in <vnlts
			S1	215.1	62																PO as blebs
			S1	220.1	50																SL in vnlts
			S1	226.1	58																189.0-189.5 lt cream felsite dyke; upper cnt not observed; lower cnt @ 70 w/
			S1	230.8	40																0.1m breccia
			S1	239.4	48																191.7-192.5 QZ+ser alt'n w/ PY vn 12mm wide and SL vnlt 2mm wide
			S1	250.3	57																199.0-199.3 rubble w/ minor gouge @ 40

Diamond Drill Log LD 04-15

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					187.0-292.1 cont'd
			S1	266.9	55																210.2 PY/CP/QZ vnlt 4mm wide
			S1	269.4	47																210.9-211.0 gouge and rubble @ 60
			S1	273.7	57																219.0 PY/SL vn 5mm wide
			S1	280.5	43																222.6 rubble and gouge 3 cm wide
			S1	284.5	45																228.9 PY/PO/tr CP vnlt 0-3mm wide
			S1	290.6	55																230.5 SL vnlt 2mm wide
																					244.4-247.5 QZ+ser alt'n
																					251.0-266.0 S1 very contorted
																					259.4 PY/SL/AS vnlt 4mm wide
																					265.6 PY/SL vn 14mm wide w/ QZ+ser alt'n envelope to 15mm
																					283.0 PY/SL vn @ 15/8mm
																					283.2 PY/SL vn @ 15/10mm
292.1	292.3	MS											80								Massive Sulphide (Vein?)
																					80% fine grained PY; 20% QZ+CB
																					v. wkly banded
																					cnts sharp, planar @ 45
292.3	293.0	BXm											20			4					**Mineralized Breccia Zone**
																					frags of monzonite in a matrix of PY/SL/CB
																					lower cnt not observed
																					note: pre-mineral dyke has been brecciated
293.0	295.0	SPbh				2					4	4	1								**Siliceous Phyllite**
																					dk gy-lt gy laminated, wkly to modly phyllitic
																					grades loc to SPbh
																					QZ+ser altered locally
																					PY in vnlts
																					293.0-294.0 QZ+ser altered
																					294.5 monzonite dyklet
295.0	297.4	Md												tr							**Monzonite Dyke**
																					med gr/gy, non-mag, non-calc, non-porph, med grained
																					PO as blebs
																					upper cnt sharp, irreg

Diamond Drill Log LD 04-15

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					295.0-297.4 cont'd
																					lower cnt sharp, planar @ 22
297.4	302.7	SP											>1	tr							**Siliceous Phyllite**
			S1	299.4	42																dk gy/blk-lt gy laminated, wkly phyllitic
																					PY in <vnlts, and as dissems
																					PO as blebs
302.7	304.1	SPbh				9					tr	tr	<1					tr			**Biotite Hornfelsed Siliceous Phyllite**
																					lt br-lt gy laminated, wkly phyllitic
																					local QZ+ser alt'n of biotite rich laminae
																					PY in vnlts
																					AS in vnlt
304.1	307.1	Md											<1	<1							**Monzonite Dyke**
																					lith a/a 295.0-297.4
																					PY in vnlts, <vnlts
																					PO in <vnlts, and as blebs
																					upper cnt sharp, irreg
																					lower cnt sharp, planar @ 67
307.1	313.3	SP				<1							<1	<1							**Siliceous Phyllite**
			S1	308.4	63																dk gy/blk-lt gy laminated, wkly phyllitic
			S1	312.8	68																grades loc to SPbh
																					PY as dissems
																					PO as blebs
313.3	314.4	LS											<1	<1	tr						**Limestone**
																					lt-med gy, massive
																					upper cnt mineralized w/ PO/PY/CP as patches over 0.2m
																					lower cnt faulted w/ gouge @ 47
																					mineralized 313.3-313.5 only
314.4	357.0	SP				<1							<1	<1	tr	0.1		tr			**Siliceous Phyllite**
			S1	315.5	48																dk gy/blk-lt gy laminated, wkly phyllitic
			S1	319.4	51																grades locally to SPbh

Diamond Drill Log LD 04-15

Date: Logged By: DJH Page 5/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					314.4-357.0 cont'd
																					PY in vns, vnlts and as dissems
																					PO as blebs +/- CP
																					AS in vns w/ PY+SL
																					SL in vns w/ PY+AS
																					321.5 vn w/ PY+SL+AS 15mm
																					325.2 vnlt w/ PY+SL+AS 3mm
																					326.1 vn w/ SL+AS 20mm
																					336.2 vnlt w/ PY+CP 3mm
																					339.3 vnlt w/ PY+QZ+SL+AS 3mm
																					351.6 vn w/ PY+CB 14mm
																					355.7-357.0 20% white QZ patches
357.0	369.4	Mpd											1								**Porphyritic Monzonite Dyke**
																					lt gr/gy, med grained, non -mag, wkly calc, porphyritic
																					w/ 5% feldspar phenos to 15x10mm
																					PY as blebs
																					357.0-359.1 chilled margin
																					lower cnt sharp, planar @ 43
																					368.7-369.4 chilled margin w/ 10-20 cm siliceous phyllite xenoliths
369.4	378.2	SP											<1								**Siliceous Phyllite**
			S1	369.6	46																dk gy/blk-lt gy laminated, wk to mod phyllitic
																					PY in <vnlts, vnlts and as dissems
378.2	384.7	LS											1								**Limestone**
																					med gy, massive
																					PY in vns, vnlts, patches
																					10% QZ & QZ+CB vns
																					upper cnt sharp, planar @ 45
																					0.1m clinopyroxene prograde skarn at lower cnt w/ 10% PO/PY patches, 3% AS,
																					0.5% CP; cnt gradational
384.7	396.0	SP					tr				tr	tr	tr	tr							**Siliceous Phyllite**
			S1	387.3	55																dk gy/blk-lt to med gy laminated, wkly phyllitic
			S1	392.0	47																5% QZ vns and patches

Diamond Drill Log LD 04-15

Date: Logged By: DJH Page 6/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						Hfs	Sk	Mar	Ret	Chl	Ser	Si	PY	PO	CP	SL	GL	AS	BN	MG	
																					384.7-396.0 cont'd
																					PY in <vnlts
																					PO as specks in QZ vns
																					<5% QZ+ser alt'n proximal to clinopyroxene prograde skarn bands x-cutting S1
396.0	396.8	LS																			**Limestone**
																					lith a/a 370.2-384.7
																					CB vn @ upper cnt
																					0.1m clinopyroxene prograde skarn @ lower cnt w/ 10% PO and 0.1% CP
396.8	402.5	SPa				<1					7		1	1				tr			**Altered Siliceous Phyllite**
			S1	401.3	43																dk gy/blk-lt gy laminated, wkly phyllitic
																					70% QZ?+ser alt'n proximal to clinopyroxene prograde skarn bands to 10mm
																					x-cutting S1
																					PY as patches proximal to skarn bands
																					PO as blebs proximal to skarn bands
																					AS in vnlts to 1mm
EOH @ 402.5 meters																					

RQD Log LD04-15

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
3.7			136.2	218	
5.2	111	74	139.3	293	95
8.2	203	68	142.3	300	100
11.3	213	69	145.4	284	92
14.3	228	76	148.4	283	94
17.4	236	76	151.5	171	55
20.4	242	81	154.5	244	81
23.5	197	64	157.6	251	81
26.5	178	59	160.6	260	87
29.6	158	51	163.7	284	92
32.6	109	36	166.7	239	80
35.7	271	87	169.8	246	79
38.7	175	58	172.8	138	46
41.8	154	50	175.9	243	78
44.8	204	68	178.9	251	84
47.9	264	85	182.0	163	53
50.9	256	85	185.0	194	65
53.9	287	96	188.1	236	76
57.0	226	73	191.1	220	73
60.0	289	96	194.1	252	84
63.1	231	75	197.2	286	92
66.1	161	54	200.2	201	67
69.2	182	59	203.3	230	74
72.2	175	58	206.3	298	99
75.3	108	35	209.4	281	91
78.3	131	44	212.4	186	62
81.4	243	78	215.5	236	76
84.4	266	89	218.5	243	81
87.5	257	83	221.6	269	87
90.5	249	83	224.6	252	84
93.6	204	66	227.7	286	92
96.6	219	73	230.7	261	87
99.7	249	80	233.8	277	89
102.7	228	76	236.8	286	95
105.8	247	80	239.9	301	97
108.8	261	87	242.9	272	91
111.9	256	83	246.0	249	80
114.9	280	93	249.0	256	85
118.0	213	69	252.1	285	92
121.0	197	66	255.1	290	97
124.0	213	71	258.1	256	85
127.1	296	95	261.2	263	85
130.1	295	98	264.2	289	96
133.2	283	91	267.3	283	91
136.2	218	73	270.3	267	89

RQD Log LD04-15

Date: Page: 2

270.3	267				
273.4	296	95			
276.4	236	79			
279.5	203	65			
282.5	276	92			
285.6	255	82			
288.6	287	96			
291.7	280	90			
294.7	168	56			
297.8	235	76			
300.8	248	83			
303.9	254	82			
306.9	281	94			
310.0	234	75			
313.0	246	82			
316.1	273	88			
319.1	268	89			
322.2	229	74			
325.2	280	93			
328.3	231	75			
331.3	247	82			
334.3	275	92			
337.4	248	80			
340.4	213	71			
343.5	260	84			
346.5	278	93			
349.6	184	59			
352.6	211	70			
355.7	226	73			
358.7	234	78			
361.8	253	82			
364.8	281	94			
367.9	254	82			
370.9	237	79			
374.0	269	87			
377.0	268	89			
380.1	221	71			
383.1	198	66			
386.2	252	81			
389.2	256	85			
392.3	242	78			
395.3	243	81			
398.4	222	72			
401.4	261	87			
402.5	88	80	EOH @ 402.5		

Survey Log LD04-15

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		92		-55
157	47.9	66	88	37	-53
307	93.6	71	93	37.25	-52.75
450	137.2	66	88	38	-52
600	182.9	69	91	39.25	-50.75
750	228.6	55	77	41	-49
900	274.3	70	92	42	-48
1050	320.0	77	99	43.25	-46.75
1200	365.7	83	105	45	-45

Assay Sample Log LD04-16

Page: 1

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	83.8	no sample								
322313	83.8	84.8			1.0	100	0.083	1.4	19	4170	39
322314	84.8	85.9			1.1	100	0.049	0.6	32	889	41
322315	85.9	86.8			0.9	100	0.030	1.3	45	882	44
322316	86.8	88.3			1.5	100	0.067	1.0	12	444	28
322317	88.3	89.8			1.5	100	0.095	2.1	55	1010	49
322318	89.8	91.3			1.5	100	0.019	0.6	39	263	26
	91.3	276.4	no sample								
EOH @ 276.4											

Diamond Drill Log LD 04-16

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	4.2	O/B																			**triconed casing - no core**
4.2	53.9	SPbh				9					tr	tr	1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	8.9	65																med br-lt gr/gy laminated, wkly phyllitic
			S1	14.2	62																PY in vns, <vnlts
			S1	20.1	62																11.3-11.4 rubble w/o gouge
			S1	23.5	41																12.1-12.2 rubble and gouge
			S1	29.1	45																16.7-16.8 rubble w/o gouge
			S1	33.1	58																37.0 MO on fracture w/ PY
			S1	38.7	64																37.7-38.2 rubbly core
			S1	43.6	65																41.0 MO/PY/QZ vn 10mm
			S1	49.7	60																51.1-51.7 QZ+ser alt'd w/ 4% PY as patches
																					51.7-52.3 rubble and gouge @ 80
																					interval maybe a wkly tuffaceous sediment
53.9	64.8	SPa				1				8			1		tr						**Altered Biotite Hornfelsed Siliceous Phyllite**
			S1	55.4	62																mod to strong CL alt'n of biotite rich laminae giving the rock a distinctive pale
																					green colour
																					poorly defined S1
																					PY in vnlts +/- EP, <vnlts
																					wk to mod CL <vnlts
																					58.1-58.3 gouge and strongly fractured core
																					gradational cnts
64.8	69.2	SPbh				9							1		tr						**Biotite Hornfelsed Siliceous Phyllite**
			S1	66.4	55																med br-lt gy laminated, wkly phyllitic
																					PY in vnlts, <vnlts, and as dissems in siliceous laminae
																					CP in <vnlts w/ PY
69.2	83.8	SPbh				7				3	<1	<1	2								**Biotite Hornfelsed Siliceous Phyllite**
			S1	71.8	56																med br-lt gy laminated, wkly phyllitic
			S1	76.5	55																local QZ+ser alt'n of biotite rich laminae
			S1	81.8	45																local CL/PY/EP alt'n patches
																					PY in vns, irreg atl'n patches, <vnlts, vnlts
																					72.2 gouge @ 75

Diamond Drill Log LD 04-16

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
83.8	85.9	SKrm					3	7					5	45	5						**Mineralized Chlorite, Actinolite? Retrograde Skarn**
																					dk gr, massive w/ patches of red/br Ca-Garnet Prograde Skarn
																					beautiful example of retograde alt'n of garnet to chlorite
																					5% EP
																					PY as patches, blebs and in vnlts
																					84.0-84.8 massive PO
																					CP as blebs
																					upper cnt sharp, planar, S1 conformable @ 40
																					lower cnt sharp, irreg
85.9	86.8	SKpm					8	2					7	5	1						**Mineralized Ca-Garnet Prograde Skarn**
																					lt red/br, massive, fine grained
																					w/ 20% dk gr, actinolite? retrograde skarn patches
																					PY as patches, blebs and in vnlts
																					PO as patches, blebs
																					CP as blebs
																					lower cnt sharp, planar, S1 conformable @ 56
86.8	90.6	SPa				1		<1		9	<1	<1	5								**Altered Siliceous Phyllite**
			S1	88.0	35																lt gr-lt gy laminated, wkly phyllitic
																					CL+/- ser alt'd
																					grades locally to SBbh
																					PY as patches, blebs and in vnlts
																					88.5-88.9 SKrm band w/ cnts conformable to S1 @ 35 w/ 20% PO and
																					10% PY as patches
90.6	103.7	SPbh				7				3	<1	<1	2								**Biotite Hornfelsed Siliceous Phyllite**
			S1	95.1	55																med br-lt gy laminated, wkly phyllitic
			S1	97.7	45																local CL/EP/PY alt'n
																					local QZ+ser alt'n
																					PY in <vnlts, blebs, vnlts
																					91.3-92.1 fine grained monzonite dyke w/ gradational cnts; med gy, non-mag
																					non-calc; 1% PY in <vnlts
103.7	193.1	SPbh				9				<1	<1	<1	1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	107.5	55																med br-lt gy laminated, wkly phyllitic

Diamond Drill Log LD 04-16

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					103.7-193.1 cont'd
			S1	113.3	50																tr CL and QZ+ser alt'n bands
			S1	117.0	62																PY in <vnlts, vnlts w/ gouge, vns to 23mm w/ CB and as dissems
			S1	122.8	60																117.2-118.9 strongly fractured w/ rubble and gouge
			S1	128.7	56																120.6-121.0 strongly fractured w/o gouge
			S1	133.3	73																121.9-122.1 strongly fractured core w/o gouge
			S1	141.0	64																125.3-125.6 strongly fractured core w/o gouge
			S1	145.1	55																125.8-126.2 strongly fractured w/o gouge
			S1	149.4	60																130.5-130.6 lt gy qtz-monzonite dyklet w/ gradational cnts
			S1	154.8	50																150.4-150.6 healed bxia w/ PY frags @ 60
			S1	158.2	57																151.4-151.7 healed bxia w/ PY+monzonite frags @ 58
			S1	162.8	63																163.2-163.4 massive PY vn? @ 67 w/ gouge at contacts
			S1	170.6	67																163.6-164.0 rubble, gouge and strongly fractured core
			S1	176.9	65																164.6-164.8 rubble and gouge
			S1	180.9	72																165.3-166.1 rubble, gouge and strongly fractured core
			S1	186.5	65																167.7-170.1 strongly fractured core w/ rubble and gouge @ 70
			S1	190.6	65																176.3-176.4 80% PY as irreg patches
																					191.1-193.1 strongly fractured core w/o gouge
193.1	209.0	Mpd							<1												**Porphyritic Monzonite Dyke**
																					med gy/gr, non-calc, non-mag, porphyritic, med grained
																					w/ 10% feldspar phenos to 10x10mm
																					non-mineralized
																					wk, local CY alt'n of plag
																					193.1-194.1 altered diorite; dk gr, fine to med grained, magnetic; w/ 10-15%
																					mafics; 80% altered (CY or ser) w/ 5% PY in vns, vnlts; upper cnt @ 70;
																					lower cnt @ 45
																					194.1-194.3 monzonite chilled against diorite
																					201.3-202.4 strongly fractured w/ gouge
209.0	212.5	Dd								<1	<1	<1	1								**Diorite Dyke**
																					dk gr, non-porph, magnetic, w/ 10-15% mafics
																					local CL and QZ+ser alt'n proximal to PY mineralization
																					PY in <vnlts, vnlts and as dissem
																					upper cnt sharp, irreg
																					lower cnt not observed due to broken core

Diamond Drill Log LD 04-16

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					209.0-212.5 cont'd
																					212.0-212.5 strongly fractured core w/ gouge
212.5	214.4	SPbh				9							1								**Biotite Hornfelsed Siliceous Phyllite**
			S1	213.5	63																med br-lt gy laminated, wkly phyllitic
																					PY in <vnlts, vnlts, and as patches/blebs
214.4	276.4	Dd								<1	<1		1								**Diorite Dyke**
																					lith, alt'n, min. a/a 209.0-212.5
																					upper cnt sharp, planar @ 65
																					214.4-214.6 chilled cnt
																					215.5-215.7 rubble and gouge
																					246.2 healed bxia w/ PY/AS; upper cnt @ 60; lower cnt @ 80
																					264.5-264.7 strongly fractured core w/ gouge
																					269.2-269.7 strongly fractured core w/ gouge
EOH @ 276.4 meters																					

RQD Log LD04-16

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
4.3			136.2	239	
5.2	14	16	139.3	270	87
8.2	107	36	142.3	199	66
11.3	163	53	145.4	179	58
14.3	170	57	148.4	258	86
17.4	165	53	151.5	236	76
20.4	258	86	154.5	172	57
23.5	266	86	157.6	71	23
26.5	237	79	160.6	182	61
29.6	216	70	163.7	144	46
32.6	285	95	166.7	21	7
35.7	190	61	169.8	23	7
38.7	93	31	172.8	247	82
41.8	96	31	175.9	238	77
44.8	207	69	178.9	214	71
47.9	94	30	182.0	152	49
50.9	213	71	185.0	189	63
53.9	163	54	188.1	241	78
57.0	226	73	191.1	163	54
60.0	229	76	194.1	54	18
63.1	264	85	197.2	229	74
66.1	209	70	200.2	203	68
69.2	216	70	203.3	168	54
72.2	184	61	206.3	245	82
75.3	206	66	209.4	240	77
78.3	211	70	212.4	187	62
81.4	236	76	215.5	120	39
84.4	255	85	218.5	133	44
87.5	286	92	221.6	199	64
90.5	254	85	224.6	203	68
93.6	211	68	227.7	161	52
96.6	238	79	230.7	173	58
99.7	274	88	233.8	157	51
102.7	234	78	236.8	192	64
105.8	281	91	239.9	269	87
108.8	241	80	242.9	208	69
111.9	264	85	246.0	177	57
114.9	202	67	249.0	171	57
118.0	144	46	252.1	179	58
121.0	55	18	255.1	150	50
124.0	153	51	258.1	221	74
127.1	128	41	261.2	161	52
130.1	162	54	264.2	47	16
133.2	189	61	267.3	100	32
136.2	239	80	270.3	107	36

RQD Log LD04-16

Date: Page: 2

270.3	107				
273.4	181	58			
276.4	103	34			
EOH @ 276.4					

Survey Log LD04-16

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		90		-55
150	45.7	59	81	37	-53
300	91.4	65	87	37	-53
450	137.2	67.5	89.5	38	-52
600	182.9	72	94	38.75	-51.25
750	228.6	77	99	40.25	-49.75
900	274.3	75	97	42	-48

Assay Sample Log   LD04-17

Page: 1

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	133.9	no sample								
EOH @ 133.9 m											

Diamond Drill Log LD 04-17

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	6.7	O/B																			**triconed- no core**
6.7	7.1	O/B																			cored boulders
7.1	14.8	SP											<1								**Siliceous Phyllite**
																					dk gy/blk w/ lt gy disrupted siliceous laminations, wkly phyllitic
																					S1 highly irregular
																					PY as fine dissem. grains
																					lower cnt not observed due to broken core
																					13.4-13.5 rubble and gouge
14.8	19.0	CP																			**Calcareous Phyllite**
																					dk gy/blk w/ lt gy disrupted carbonate bands/laminations; wkly phyllitic;
																					(looks like siliceous phyllite but lt gy laminae are calcareous rather than
																					siliceous); occasional bands of massive gy limestone to 10 cm
																					no sde mineralization noted
																					no alteration
19.0	21.0	LS																			**Limestone**
																					dk gy, massive, w/ mod CB stwk vns
																					non-mineralized; no alt'n
																					cnts not observed due to broken core
21.0	23.5	CP																			**Calcareous Phyllite**
																					lith a/a 14.8-19.0
																					lower cnt gradational
																					no alt'n; no mineralization
																					22.6-23.0 rubble w/o gouge
23.5	27.9	AT																			**Mafic Ash Tuff**
																					lt gr or br/gy, massive, wkly calc
																					10% LS frags or clasts
																					no alt'n; no mineralization
																					23.5-24.8 minor argillaceous laminae
																					mod <vnlts w/ CL infilling
																					upper cnt gradational; lower cnt sharp and irreg

Diamond Drill Log LD 04-17

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
27.9	34.0	CP																			**Calcareous Phyllite**
			S1	34.0	60																locally graphitic
																					lith, alt'n, mineralization a/a 14.8-19.0
																					27.9-28.3 15% mafic ash tuff intercalated
34.0	38.0	LS																			**Limestone**
																					med-dk gy, massive
																					no alt'n; no mineralization
																					cnts not observed due to broken or missing core
38.0	39.7	CP																			**Calcareous Phyllite**
																					lith, alt'n, and mineralization a/a 14.8-19.0
																					locally graphitic
																					lower cnt not observed due to broken core
																					38.1-38.2 rubble and graphitic gouge
																					39.5-39.7 rubble w/o gouge
39.7	121.6	LS																			**Limestone**
																					med-dk gy, massive, local wk <vnlts w/ oxide stain
																					minor FeMg carbonate patches (alt'n?)
																					no mineralization
																					39.7-40.3 wkly argillaceous (ie gradational cnt)
																					40.3 sharp, irreg cnt
																					70.0-89.1 no oxide stain on <vnlts
																					89.1-89.2 sulphide + oxide zone w/ 15% SL, 10% PY, 2% GL, 20% oxide,
																					and 50% limestone patches
																					89.2-99.7 minor oxide on wk <vnlts
																					99.7-103.2 strongly fractured core w/ oxide on mod <vnlts
																					** started coring w/ triple tube at 101.5
																					99.7-102.7 1.8m reccovered
																					101.5 3cms oxide pebbles recovered
																					101.5-101.8 rubble w/o gouge
																					102.7-104.2 wk <vnlts w/oxide on fractures
																					104.2-112.0 wk <vnlts w/ local oxide on fractures
																					111.6 rubble w/ gouge
																					112.0-121.6 v. wk <vnlts w/o oxide on fractures

Diamond Drill Log LD 04-17

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					39.7-121.6 cont'd
																					111.6-116.3 lt br and lt gy limestone varieties w/ 20% dk gy limestone
																					patches (darker gy variety maybe coarser grained - more recrystallized);
																					lower cnt sharp, irregular
																					lower cnt faulted @ 70
121.6	121.9	CP																			**Calcareous Phyllite**
																					lith, alt, and mineralization a/a 14.8-19.0
																					121.6-121.8 graphitic gouge
121.9	126.1	Md								2											**Monzonite Dyke**
																					lt gy/gr, non-calc, non-mag, wkly porphyritic
																					wk CL alt'n of mafic minerals
																					no mineralization
																					upper cnt sharp, planar @ 53
																					lower cnt sharp, planar @ 78
126.1	133.9	CP																			**Calcareous Phyllite**
			S1	130.7	65																lith, alt'n and mineralization a/a 14.8-19.0
																					mod phyllitic
																					127.7-127.9 rubble w/o gouge
																					130.4-130.5 graphitic gouge @ 78
																					131.8-133.9 20% intercalated dk gy limestone (ie gradational cnt to LS)
																					133.8 possible LS cnt
EOH @ 133.9 meters																					RODS BROKE OFF AND HOLE WAS ABANDONED
																					Note: return was lost at 101.5 in oxidized rubble (is this the down dip
																					continuation of the #3 extension zone

RQD Log LD04-17

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
6.7					
8.2	33	22			
11.3	57	18			
14.3	56	19			
17.4	183	59			
20.4	199	66			
23.5	124	40			
26.5	257	86			
29.6	225	73			
32.6	149	50			
35.7	192	62			
38.7	200	67			
41.8	189	61			
44.8	256	85			
47.9	239	77			
50.9	234	78			
53.9	271	90			
57.0	261	84			
60.0	281	94			
63.1	272	88			
66.1	229	76			
69.2	209	67			
72.2	214	71			
75.3	171	55			
78.3	250	83			
81.4	263	85			
84.4	275	92			
87.5	261	84			
90.5	176	59			
93.6	116	37			
96.6	226	75			
99.7	229	74			
102.7	34	11			
105.8	157	51			
108.8	176	59			
111.9	197	64			
114.9	247	82			
118.0	143	46			
121.0	159	53			
124.0	184	61			
127.1	185	60			
130.1	117	39			
133.2	153	49			
133.9	46	66	EOH @ 133.9		

Survey Log LD 04-17

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		90		-45
150	45.7	58.5	80.5	45	-45
300	91.4	57.5	79.5	44.5	-45.5

Assay Sample Log   LD04-18

Page: 1

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	78.3	no sample								
322319	78.3	80.5			1.7	77	0.002	0.5	124	42	84
	80.5	108.8	no sample								
322320	108.8	110.3			1.3	87	0.006	0.5	289	12	1215
322321	110.3	111.9			1.2	75	0.002	0.5	75	4	408
322322	111.9	113.5			1.5	94	0.002	0.8	151	6	856
322323	113.5	115.5			1.7	85	0.006	1.7	234	8	1625
322324	115.5	118.0			0.9	36	0.219	5.5	>10000	186	31600
322325	118.0	121.0			1.5	50	5.940	26.5	>10000	1175	8370
322326	121.0	122.4			0.7	50	0.764	11.8	>10000	1045	3620
322327	122.4	123.4			0.7	70	0.772	13.7	>10000	1365	25300
322328	123.4	124.6			1.2	100	0.100	6.5	>10000	243	96200
322329	124.6	125.6			0.8	80	0.006	0.3	284	6	750
	125.6	151.5	no sample								
EOH @ 151.5											

Diamond Drill Log LD 04-18

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	4.3	O/B																			**Triconed - no core**
4.3	8.1	Md											tr								**Monzonite Dyke**
																					lt gr/gy, fine to med grained, non-mag, mod calc
																					PY in <vnlts
																					LI in <vnlts
																					lower cnt not observed due to broken core
8.1	17.2	CP											<1								**Calcareous Phyllite**
			S1	9.6	77																dk gy/blk-lt gy laminated, wkly phyllitic, variably calc
			S1	14.1	77																grades locally to bands of massive LS and zones of argillaceous LS
																					also grades locally to siliceous phyllite
																					PY as blebs/specks
																					lower cnt gradational
																					8.1-8.2 strongly fractured w/ gouge
																					9.0-9.2 graphitic gouge and rubble
																					15.3-15.4 rubble and graphitic gouge @ 61
																					15.1 2cm graphitic gouge
17.2	18.0	AP											<1								**Argillaceous Phyllite**
																					dk gy/blk, v. wkly laminated, wkly phyllitic
																					PY as small blebs
																					lower cnt sharp, planar @ 30
18.0	34.2	LS																			**Limestone**
																					med gy, massive, recrystallized
																					no alt'n, no mineralization
																					18.0-18.6 argillaceous laminae
																					24.3-24.5 void (lost return) - no oxide <vnlts
34.2	38.9	Md								<1											**Monzonite Dyke**
																					lt gr/gy, non-mag, non-porph, wkly calc
																					w/ 3% CL alt'd mafics
																					no mineralization
																					upper cnt faulted w/ gouge @ 54
																					34.2-34.8 chilled margin w/ oxide in <vnlts

Diamond Drill Log LD 04-18

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					34.2-38.9 cont'd
																					lower cnt sharp, planar @ 57
																					37.6-38.9 chilled margin w/ 10% plag phenos to 2mm; oxides in <vnlts
																					37.7-37.8 gouge @ 53
38.9	78.3	LS																			**Limestone**
																					med gy, massive, recrystallized
																					a/a 18.0-34.2
																					no alt'n; no mineralization
																					41.2-41.4 strongly fractured core w/ lt br CY and oxides in <vnlts
																					48.7-52.9 wkly fractured w/ minor lt br CY in <vnlts
																					52.9-53.4 strongly fractured w/ lt br CY in <vnlts
																					53.4-78.3 wkly fractured w/ minor lt br CY in <vnlts, vnlts to 4mm
78.3	92.3	MT							5	5			<1								**Mafic Tuff**
			S1	89.3	57																med gy/gr to dirty gy/gr, wkly phyllitic, strongly calc, gritty to fine grained
																					w/ rounded frags of LS to 4cms dia.
																					local strong oxide zones w/ CY alt'n and rubbly core
																					pervasive CL alt'n of mafic tuff
																					PY as disssem grains
																					upper cnt not observed due to broken core
																					lower cnt not observed due to broken core
																					71.3-71.6 10% dissem PY
																					78.4-80.5 strong CY alt'n zone w/ lt br to red/br oxides
																					84.4-86.2 mod to strong oxide interval
																					92.0-92.3 rubbly core w/ minor oxide - no gouge
																					91.5 dk gy CY gouge
92.3	95.8	LS																			**Limestone**
																					massive, med/dk gy, recrystallized
																					wkly fractured w/ oxides on <vnlts
																					no mineralization; no alt'n
95.8	99.8	MT							5	5											**Mafic Tuff**
																					lith, alt'n a/a 78.3-92.3
																					mod fractured w/ local CY and oxides on <vnlts

Diamond Drill Log LD 04-18

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					95.8-99.8 cont'd
																					no mineralization observed
																					cnts not observed due to broken core
																					97.4-97.5 lt gy CY gouge
99.8	102.8	SP							2												**Siliceous Phyllite**
																					dk gy/blk-lt gy laminated, wkly phyllitic, vuggy
																					strongly fractured w/ 15% lt br CY alt'n
																					oxide minerals in <vntls
																					lt gy, siliceous laminations are locally boudinaged
																					no mineralization observed
																					lower cnt not observed due to broken core
102.8	115.5	LS							<1												**Limestone**
																					med gy w/ br patches, massive, mod fractured
																					lt br oxide in <vnlts w/ minor red/br oxide & CY altered zones
																					possible wk FeMg carbonate atl'n (lt br)
																					no mineralization observed
																					110.3 red/br oxide and CY, 4cm wide
																					111.6-112.0 rubbly core w/o gouge
																					113.7-114.0 rubble w/ 4cms red/br oxide & CY
115.5	118.8	OX							8												**Red Oxide Mineralized Zone**
																					deep red/br, CY altered
																					no primary sulphides observed
																					upper cnt sharp and irreg (see photo)
																					lower cnt not observed due to lost core
																					** unsure of lower cnt postion due to lost core
																					118.0-124.4 samples taken between core blocks due to lost core
118.8	122.4	MS-OX							2				?			?		?			**Massive Pyritic Sulphides w/ 20% Oxides**
																					dk gy/blk, ground up core w/ local CY alt'n
																					PY as coarse grained cubes
																					AS as patches
																					possible SL
																					121.0-122.4 30% oxide

Diamond Drill Log LD 04-18

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					118.8-122.4 cont'd
																					** unsure of lower cnt due to broken and lost core
122.4	124.6	OX							8												**Red Oxide Mineralized Zone**
																					a/a 115.5 to 118.8
																					deep red/br; CY alt'n
																					no sulphide mineralization observed
																					lower cnt not observed due to broken and lost core
																					note: sulphides possibly sheared and CY altered to create oxide zones
124.6	142.3	LS																			**Limestone**
																					med to dk gy, massive, mod fractured
																					med to dk red/br oxides on <vnlts
																					local incip bxia
																					possible wk FeMg carbonate alt'n (lt br patches and lenses)
																					lower cnt gradational
142.3	149.6	LS																			**Limestone**
																					lith a/a 124.6 to 142.3
																					wkly fractured w/ minor, med to dk br oxides in <vnlts
																					no oxides in <vnlts observed below 146.0
																					no sulphides observed; no alt'n
149.6	151.5	Md								<1	2										**Monzonite Dyke**
																					lt gy/gr, wkly porph, non-mag, non-calc
																					<5% CL alt'd mafics
																					wk to mod sericite alt'n
																					wkly fractured locally w/ white CY on surfaces
																					no sulphide mineralization
																					upper cnt not observed due to broken core
																					149.6-150.0 gouge w/ felsic rock frags (sheared chilled margin)
EOH @ 151.5 meters																					

RQD Log LD04-18

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
4.3			125.6		
5.2	63	70	126.8	0	0
8.2	226	75	128.6	0	0
11.3	82	26	130.1	16	11
14.3	85	28	133.2	62	20
17.4	44	14	136.2	50	17
20.4	203	68	139.3	94	30
23.5	266	86	142.3	179	60
26.5	188	63	145.4	158	51
29.6	261	84	148.4	165	55
32.6	196	65	151.5	177	57
35.7	92	30			
38.7	96	32	EOH @ 151.5m		
41.8	184	59			
44.8	123	41			
47.9	256	83			
50.9	172	57			
53.9	143	48			
57.0	270	87			
60.0	230	77			
63.1	244	79			
66.1	267	89			
69.2	253	82			
72.2	238	79			
75.3	241	78			
78.3	167	56			
81.4	94	30			
84.4	117	39			
87.5	106	34			
90.5	94	31			
93.6	n/a				
96.6	118	39			
99.7	108	35			
102.7	76	25			
105.8	54	17			
108.8	59	20			
111.9	97	31			
114.9	142	47			
118.0	56	18			
121.0	0	0			
122.4	0	0			
122.8	0	0			
123.4	0	0			
124.0	0	0			
125.6	54	34			

Survey Log LD04-18

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		64		-45
157	47.9	31.5	53.5	44.5	-45.5
300	91.4	36	58	44	-46
450	137.2	34.25	56.25	42.25	-47.75

Assay Sample Log LD04-19

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
322330			standard				1.045	2.7	28	12000	108
322331			blank				0.008	0.1	20	128	62
	0.0	117.8	no sample								
322332	117.8	119.5			1.5	88	0.002	0.5	104	6	1450
322333	119.5	121.0			1.3	87	0.032	1.7	886	36	4110
322334	121.0	122.5			1.1	73	0.002	0.3	39	3	218
	122.5	189.6	no sample								
EOH @ 189.6 m											

Diamond Drill Log LD 04-19

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	3.7	O/B																			**triconed casing - no core**
3.7	9.4	Md								2											**Monzonite Dyke**
																					lt to med gy/gr, non-mag, v. wkly calc, fine grained, equigranular
																					CL alt'n of mafics
																					wk sauss. alt'n of plag
																					no sulphides observed
																					lower cnt not observed due to broken core
9.4	12.0	SP																			**Siliceous Phyllite**
																					dk gy/blk-lt gy laminated, wkly phyllitic
																					no alt'n; no sde mineralization
																					lower cnt not observed due to broken core
																					9.8-10.1 strongly fractured core w/ 0.1m graphitic gouge
12.0	16.8	CP																			**Calcareous Phyllite**
																					dk gy/blk-lt gy laminated, wkly phyllitic, wkly calc
																					grades locally to siliceous phyllite
																					no alt'n; no sde mineralization
																					strong CB stwk vnlts to 2mm
																					lower cnt not observed due to broken and lost core
16.8	19.7	SP																			**Siliceous Phyllite**
			S1	18.9	72																lith, alt'n and mineralization a/a 9.4-12.0
																					lower cnt sharp, planar @ 53
																					16.8-17.5 graphitic gouge & rubble
19.7	44.1	LS																			**Limestone**
																					med to dk gy, massive, recrystallized
																					wk pressure solution sutures
																					wkly fractured w/o infilling
																					local strong <vnlts
																					no alt'n; no sde mineralization
																					mod CB vnlts to 3mm wide
																					19.7-21.0 argillaceous
																					34.9-35.0 cherty nodules? to 3mm dia

Diamond Drill Log LD 04-19

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					19.7-44.1 cont'd
																					37.5-44.1 minor lt orange/br ox on wk fractures
																					43.8-44.0 gouge w/rock frags & healed bxia @ 60 (lt br gouge w/ oxides)
44.1	48.0	Md							1	2	1										**Monzonite Dyke**
																					lt gr/gy, non-calc, non-mag
																					CL alt'n of mafics
																					ser. alt'n of plag
																					no mineralization
																					upper cnt sharp, irreg
																					lower cnt sharp, planar @ 42
																					44.1-44.6 chilled margin w/ gouge
																					47.5-48.0 chilled margin
48.0	86.1	LS																			**Limestone**
																					med to dk gy, massive, recrystallized
																					wk to locally strong CB vnlt stwk
																					wk pressure solution sutures
																					no alt'n; no sde mineralization
																					48.0-54.0 wk to mod fracturing w/ lt br CY + oxides as infillings
																					54.0-77.6 wk fracturing w/ tr lt br CY+oxides as infillings
																					77.6-86.1 wk to mod fracturing w/ med br CY+oxides as infillings
86.1	104.0	MT								2			1								**Mafic Tuff**
			S1	91.4	73																lt, dirty, gy/gr and med gy, well laminated to locally massive, fine grained
			S1	98.8	47																w/ 10 % calcareous laminations
																					w/ occasional LS and volc. frags to 3cm
																					PY locally in laminations
																					CL alt'n of mafic frags
																					86.1-85.5 strongly fractured & rubbly w/ orange oxide & CY infillings
																					89.0-90.5 mod fractured w/ orange oxide & CY infillings
																					90.5-93.7 wkly fractured w/ orange/br oxide infillings
																					91.3-91.6 10% PY in laminations parallel to S1
																					97.2-97.3 grey gouge
																					98.4-98.9 10% PY in laminations parallel to S1
																					99.6-99.7 grey gouge @ 34

Diamond Drill Log LD 04-19

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					86.1-104.0 cont'd
																					99.8-100.4 10% PY in laminations parallel to S1
																					102.1-102.4 rubbly core w/o gouge
																					lower cnt sharp, irreg
104.0	106.2	LS																			**Limestone**
																					med gy, massive, recrystallized,
																					local incip bxia
																					no alt'n; no mineralization
																					wkly fractured w/ orange/br oxide infillings
106.2	108.8	MT								3											**Mafic Tuff**
																					lith a/a 86.1-104.0, w/ <10% calcareous laminations
																					strongly fractured w/ minor orange/br oxide and CY infillings
																					CL alt'n of mafic laminae
																					no sde mineralization
																					upper cnt sharp, planar @ 33
																					lower cnt not observed due to lost core
108.8	110.6	LS																			**Limestone**
																					med gy, massive, recrystallized
																					modly fractured w/ orange/br ox infillings
																					no alt'n; no mineralization
																					lower cnt sharp, planar @ 12
110.6	114.6	CP											1								**Calcareous Phyllite**
																					dk gy/blk-lt gy laminated, wkly phyllitic
																					grades locally to argillaceous and massive limestone
																					PY as patches
																					no alt'n
																					lower cnt sharp, irreg
114.6	116.1	SP											<1								**Siliceous Phyllite**
			S1	115.6	60																dk gy/blk-lt gy thinly laminated, mod phyllitic
																					w/ 5% argillaceous limestone intercalated
																					PY as blebs

Diamond Drill Log LD 04-19

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					114.6-116.1 cont'd
																					no alt'n
																					114.6-114.8 dk gy gouge
																					115.0 5cm dk gy gouge
																					115.2-115.3 dk gy gouge @ 47
																					lower cnt not observed due to gouge & lost core
116.1	117.8	LS																			**Argillaceous Limestone**
																					med gy-dk gy/blk, wkly laminated, non-phyllitic
																					grades locally to massive, med gy LS
																					modly fractured w/ minor lt orange oxide infilling
																					strong CB stwk vnlts
																					no alt'n; no mineralization
																					116.1-116.3 rubbly core w/ gouge
																					117.6 lt br CY (gouge?)
																					lower cnt gradational
117.8	123.1	LS																			**Limestone**
																					med gy, massive, recrystallized
																					strongly fractured w/ lt orange/br CY & oxide infilling
																					no alt'n; no sde mineralization
																					120.6-120.7 dk red/br CY & oxide
																					lower cnt gradational
123.1	168.7	LS																			**Limestone**
																					med gy, massive, recrystallized
																					locally argillaceous
																					no alt'n; no mineralization
																					wkly fractured w/ minor oxide infilling
																					130.5-133.6 argillaceous
																					130.9 3cm med gy gouge
																					note: loc lt br patches of wkly recrystallized limestone 139.6-150.0
168.7	173.6	Md								<1											**Monzonite Dyke**
																					lt gy/gr, non-mag, non-calc, non-porph
																					CL alt'n of 5% mafics

Diamond Drill Log LD 04-19

Date: Logged By: DJH Page 5/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					168.7-173.6 cont'd
																					no sde mineralization
																					upper cnt not observed due to broken core
																					168.7-170.2 chilled margin
																					169.4 2cm gouge @ 53
																					lower cnt not observed due to broken core
																					173.5-173.6 chilled margin w/ banding @ 64
173.6	189.6	LS																			**Limestone**
																					med gy, massive, variably recrystallized
																					no alt'n; no mineralization
																					v. wk fracturing w/o oxide infilling
EOH @ 189.6 meters																					

RQD Log LD04-19

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
3.7			128.6		
5.2	84	56	130.1	81	54
8.2	223	74	131.7	86	54
11.3	114	37	133.2	49	33
14.3	88	29	134.7	69	46
17.4	158	51	136.2	71	47
20.4	109	36	137.8	102	64
23.5	261	84	139.3	34	23
26.5	235	78	140.8	98	65
29.6	251	81	142.3	73	49
32.6	213	71	143.9	72	45
35.7	267	86	145.4	114	76
38.7	216	72	146.9	76	51
41.8	214	69	148.4	37	25
44.8	116	39	150.0	94	59
47.9	119	38	151.5	106	71
50.9	170	57	153.0	86	57
53.9	121	40	154.5	105	70
57.0	262	85	156.1	87	54
60.0	216	72	157.6	131	87
63.1	183	59	159.1	132	88
66.1	194	65	160.6	125	83
69.2	247	80	162.2	91	57
72.2	205	68	163.7	111	74
75.3	224	72	165.2	126	84
78.3	171	57	166.7	136	91
81.4	53	17	168.2	136	91
84.4	52	17	169.8	58	36
87.5	52	17	171.3	56	37
90.5	54	18	172.8	42	28
93.6	143	46	174.3	75	50
96.6	178	59	175.9	88	55
99.7	149	48	177.4	86	57
102.7	132	44	178.9	106	71
105.8	103	33	180.4	71	47
108.8	73	24	182.0	64	40
111.9	127	41	183.5	112	75
114.9	178	59	185.0	103	69
118.0	64	21	186.5	100	67
121.0	43	14	188.1	109	68
122.5	24	16	189.6	117	78
124.0	64	43			
125.6	106	66	EOH @ 189.6 m		
127.1	71	47			
128.6	109	73			

Survey Log LD04-19

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0		64		-65
150	45.7	43	65	26	-64
300	91.4	39	61	26	-64
450	137.2	40	62	26	-64
600	182.9	37.5	59.5	26.25	-63.75

Assay Sample Log LD04-20

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	141.2	no sample								
322335	141.2	142.2			1.0	100	0.002	0.1	130	9	1620
	142.2	186.1	no sample								
322336	186.1	186.9			0.8	100	0.011	0.4	45	99	49
	186.9	289.8	no sample								
322337	289.8	290.8			1.0	100	0.193	0.9	>10000	392	752
	290.8	334.3	no sample								
EOH @ 334.3m											

Diamond Drill Log LD 04-20

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	3.7	O/B																			**triconed - no core**
3.7	46.1	SP																			**Siliceous Phyllite**
			S1	6.3	30																dk gy/blk-lt gy, thinly laminated, mod phyllitic
			S1	12.4	30																grades locally to calcareous phyllite
			S1	18.9	26																no alt'n; no mineralization
			S1	22.0	31																local QZ patches (sweats?)
			S1	27.7	30																minor CB vns to 10mm
			S1	32.8	31																local small F2 folds (indicated by S1 parallel to core axis)
			S1	38.8	5																6.0-6.4 calcareous
			S1	40.0	10																8.2-9.3 calcareous
			S1	45.6	5																19.2-19.5 calcareous
																					13.0-13.4 rubbly core w/ minor gouge
																					23.7 5cm rubble and gouge
																					25.2-25.5 rubble w/ minor gouge and lost core
																					28.8-29.0 rubble and gouge
																					41.8-44.8 rubble, gouge and >1.5m lost core
																					41.2-41.6 limestone; upper cnt sharp, planar @ 45; lower cnt not observed
46.1	60.0	Md								<1											**Monzonite Dyke**
																					lt gr/gy, non-porph, non to wkkly mag, fine grained, wkly calc
																					CL alt'n of 3-5% mafics
																					wk sauss. alt'n of plag
																					no sde mineralization
																					upper cnt sharp, planar, @ 50
																					lower cnt sharp, planar @ 10
60.0	87.7	CP																			**Calcareous Phyllite**
			S1	61.7	32																dk gy/blk-lt gy laminated, wkly phyllitic
			S1	63.1	52																grades locally to massive, gy LS
			S1	72.4	37																no alt'n, no mineralization
			S1	75.1	44																wkly fractured w/ minor orange/br oxide infilling
			S1	79.6	42																64.4-68.0 strong CB stwk vnlts to 4mm
			S1	86.9	47																67.5-67.9 limestone w/ calcareous phyllite frags
																					70.1-71.6 med to dk gy, massive to wkly laminated, limestone w/ 25% CB
																					patches/blebs; gradational cnts; locally argillaceous

Diamond Drill Log LD 04-20

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					60.0-87.7 cont'd
																					71.6-72.7 PO blebs/patches to 20mm
																					72.7-73.1 tuffaceous; 40% pale gr/gy laminations; S0 parallel to S1
																					lower cnt gradational
87.7	92.3	SP												<1							**Siliceous Phyllite**
																					dk gy/blk-med gy laminated, wkly phyllitic, carbonaceous
																					grades locally to calcareous phyllite
																					PY as dissems, blebs
																					no atl'n
																					cnts gradational
92.3	99.5	CP																			**Calcareous Phyllite**
			S1	94.1	33																lith, alt'n a/a 60.0-87.7
			S1	97.0	38																no sde mineralization
																					cnts gradational
99.5	108.3	SP											<1	<1	tr	tr		tr			**Siliceous Phyllite**
			S1	99.7	37																lith and alt'n a/a 87.7-92.3
																					PY/PO in QZ/CB vnlts, and as dissems
																					101.3 CP/AS/SL in QZ vn @ 10/1-10mm; siliceous phyllite frags
																					locally <vnlts w/ CL
																					upper and lower cnts gradational
																					107.0-107.2 massive, gy, limestone
																					104.5 PY/SL/QZ vnlt
																					siliceous laminae are generally broken and boudinaged
108.3	120.1	LS																			**Limestone**
			S1	110.5	21																med gy, massive to local wkly laminated, variably recrystallized
																					no alt'n, no mineralization
																					109.3-110.0 calcareous phyllite
120.1	134.2	Md								<1			<1	<1							**Monzonite Dyke**
																					med gy/gr, wkly porph, wkly calc, locally wkly mag (PO), fine grained
																					PY/PO as dissems
																					1% EP blebs

Diamond Drill Log LD 04-20

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					120.1-134.2 cont'd
																					wk sauss alt'n of plag
																					cnts sharp, planar @ 33
																					126.5-127.0 limestone xenolith
																					131.1-131.9 limestone xenolith
134.2	145.8	LS											tr			tr					**Limestone**
																					med gy, massive, variably recrystallized
																					no alt'n
																					141.6-141.8 3-5% PY and 1% SL as blebs
																					lower cnt gradational
145.8	156.4	LS																			**Argillaceous Limestone**
																					med gy, massive w/ 5% dk gy/blk argillaceous thin laminations
																					locally bxiated w/ CB matrix
																					no alt'n; no sde mineralization
																					lower cnt sharp, planar @ 45
																					146.0-146.1 strongly fractured w/ oxides and tr scorodite infillings
																					152.3-156.4 strong CB stwk vnlts
156.4	156.8	MT								8											**Mafic Tuff (Chloritic Phyllite)**
																					dirty gy/gr, wkly phyllitic, w/ angular gy limestone frags
																					pervasive CL alt'n
																					no sde mineralization
156.8	159.1	Md								1				tr							**Monzonite Dyke**
																					fine grained, dk gy/gr, non-porph, non-mag, wkly calc
																					wk CL alt'n of mafics
																					5% EP blebs
																					wk sauss alt'n of plag
																					PY as dissem grains
																					upper cnt sharp, planar @ 45 w/ wk chilled cnt
																					lower cnt sharp, irreg
159.1	163.3	MT								8				<1	<1						**Mafic Tuff**
			S1	160.0	45																med gr to dirty gy/gr, wkly phyllitic, locally wkly laminated

Diamond Drill Log LD 04-20

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					159.1-163.3 cont'd
																					w/ angular frags of gy LS (a/a 156.4-156.8)
																					PY/PO as dissem grains
																					pervasive CL alt'n
163.3	167.4	Md								1			tr								**Monzonite Dyke**
																					lith, alt'n, mineralization a/a 156.8-159.1
																					cnts sharp, irreg, w/ chilled margins to 5cm
167.4	168.7	MT								8			<1								**Mafic Tuff**
																					lith, alt'n a/a 159.1-163.3
																					PY in <vnlts and as dissems
168.7	174.7	Md								1			tr								**Monzonite Dyke**
																					lith, alt'n, mineralization a/a 156.8-159.1
																					upper cnt sharp, planar @ 38 w/ chilled margin
																					lower cnt sharp, planar @ 12 w/ chilled margin
174.7	194.3	MT								8			<1								**Mafic Tuff**
			S1	193.5	38																med gy/gr, wkly phyllitic, ash tuff
																					w/ 5% lt gy LS lapilli & 15% dk gy/gr CL alt'd frags
																					180.9-188.1 15% angular, dk gy/gr, CL alt'ed lapilli
																					183.6-184.2 dk gy mafic interval w/o CL alt'n; 3% LS lapilli
																					186.1-186.9 mafic interval a/a 183.6-184.2; 10% PY dissem and in patches
																					lower cnt sharp, planar @ 50
194.3	203.1	LS																			**Limestone**
																					med gy, massive, recrystallized
																					no alt'n; no mineralization
																					local strong CB stwk vnlts
																					lower cnt sharp, irreg
203.1	240.7	MT								8											**Mafic Tuff (Chloritic Phyllite)**
			S1	203.7	50																lith, alt'n, mineralization a/a 174.7-194.3
			S1	207.9	35																note: a few LS frags are subrounded w/ chilled? margins
			S1	215.5	37																204.5-205.4 dk gy, mafic rich interval w/ wk CL alt'n a/a 183.6-184.2

Diamond Drill Log LD 04-20

Date: Logged By: DJH Page 5/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					203.1-240.7 cont'd
			S1	221.4	40																205.9-206.2 a/a 186.1-186.9 w/ 10-15% PY (lithologically controlled); cnts
			S1	229.8	34																sharp, planar @ 35; interval is wkly laminated, med gy, sericite? alt'd
			S1	232.5	23																(felsic tuff protolith?)
																					219.3-219.8 dk gy tuffaceous phyllite
																					223.1-225.2 dk gy argillaceous tuff
																					228.1-232.0 dk gy argillaceous tuff
																					lower cnt gradational
240.7	243.4	CP																			**Calcareous Phyllite**
			S1	243.8	40																dk gy/blk-lt gy laminated, wk to mod phyllitic
																					no alt'n; no sde mineralization
																					lower cnt sharp, planar @ 60
243.4	244.6	LS																			**Limestone**
																					med gy, massive, variably recrystallized
																					no alt'n, no mineralization
																					lower cnt sharp, wavy @ 40
244.6	265.8	SP											<1	<1							**Siliceous Phyllite**
			S1	245.5	55																dk gy/blk-med gy laminated, wkly phyllitic
			S1	247.8	54																grades locally to calcareous phyllite
			S1	252.3	52																no alt'n
			S1	254.4	50																PY/PO as patches/blebs (sometimes parallel to S1), and in <vnlts; some
			S1	260.4	38																patches have PO cores and PY rims
																					siliceous phyllite/tuff cnts show evidence of soft sediment deformation
																					246.0-252.3 bands of lt gy, laminated, fine grained, wkly phyllitic tuff?
																					252.3 nice cnt w/ S0 parallel to S1
																					lower cnt gradational
265.8	269.8	CP											<1								**Calcareous Phyllite**
			S1	269.4	50																lith a/a 174.7-243.4
																					no alt'n;
																					grades locally to siliceous phyllite
																					PY in <vnlts
																					lower cnt gradational

Diamond Drill Log LD 04-20

Date: Logged By: DJH Page 6/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
269.8	272.0	SP											<1								**Siliceous Phyllite**
																					lith, alt'n a/a 244.6-265.8
																					siliceous laminae are generally broken and locally boudinaged
																					PY in vnlts, <vnlts, and as dissems
																					lower cnt sharp, planar @ 65
272.0	274.1	CP											<1								**Calcareous Phyllite**
																					lith, alt'n and mineralization a/a 265.8-269.8
																					lower cnt sharp, planar @ 38
274.1	279.5	SP											<1	<1							**Siliceous Phyllite**
			S1	274.2	43																lith a/a 244.6-265.8
			S1	279.0	43																grades locally to calcarous phyllite
																					PY/PO as patches/blebs and in <vnlts
																					siliceous laminae are generally broken and locally boudinaged
																					lower cnt- 0.3m bxia w/ LS frags in a dark gy matrix
279.5	286.9	LS																			**Limestone**
																					med gy, massive, recrystallized
																					no alt'n; no mineralization
																					lower cnt gradational
286.9	290.1	LS																			**Argillaceous Limestone**
																					med gy, recrystallized
																					w/ <5% dk gy, argillaceous laminae
																					no alt'n, no mineralization
290.1	290.4	MS											70		tr	4		2			**Massive Sulphide (Vein?)**
																					PY/SL/AS/CP w/ 10% CB and 10% rock frags (siliceous phyllite?)
																					cnts @ 30 to core axis
290.4	296.2	SP											<1	<1							**Siliceous Phyllite**
																					lith a/a 244.6-265.8
																					grades locally to calcareous phyllite
																					w/ minor lt gy tuffaceous laminae
																					no alt'n

Diamond Drill Log LD 04-20

Date: Logged By: DJH Page 7/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					290.4-296.2 cont'd
																					PY/PO as patches/blebs and in <vnlts, vnlts
																					lower cnt gradational
296.2	313.4	LS																			**Argillaceous Limestone**
			S1	309.0	50																med to dk gy, recrystallized
																					w/ <5% irreg, argillaceous laminae
																					grades locally to calcareous phyllite
																					no alt'n, no mineralization
																					gradational lower cnt
																					308.4-309.2 calcareous phyllite
																					310.0-310.4 calcareous phyllite
313.4	325.6	LS																			**Limestone**
																					med gy, massive, variably recrystallized
																					grades locally to argillaceous limestone
																					non-alt'n; no mineralization
																					lower cnt gradational
325.6	333.7	LS																			**Argillaceous Limestone**
																					lith, alt'n, mineralization a/a 296.2-313.4
																					grades loc to calcareous phyllite
																					327.1-327.3 healed bxia @ 30 w/ limestone frags in a dk gy matrix
																					328.9-329.3 calcareous phyllite w/ sharp cnts @ 30 (graphitic)
																					lower cnt gradational
333.7	334.3	SP											2								**Siliceous Phyllite**
																					lith a/a 244.6-265.8
																					no alt'n
																					PY as patches/blebs, and in <vnlts
EOH @ 334.3 meters																					

RQD Log LD04-20

Date: Page:1

block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
3.7			136.2	89	
5.2	89	59	139.3	191	62
8.2	112	37	142.3	249	83
11.3	92	30	145.4	164	53
14.3	53	18	148.4	203	68
17.4	98	32	151.5	229	74
20.4	181	60	154.5	295	98
23.5	113	36	157.6	162	52
26.5	22	7	160.6	238	79
29.6	77	25	163.7	251	81
32.6	209	70	166.7	238	79
35.7	0	0	169.8	201	65
38.7	33	11	172.8	254	85
41.8	107	35	175.9	198	64
44.8	0	0	178.9	221	74
47.9	112	36	182.0	149	48
50.9	198	66	185.0	273	91
53.9	121	40	188.1	296	95
57.0	108	35	191.1	277	92
60.0	186	62	194.1	259	86
63.1	72	23	197.2	239	77
66.1	156	52	200.2	167	56
69.2	209	67	203.3	178	57
72.2	254	85	206.3	276	92
75.3	251	81	209.4	263	85
78.3	174	58	212.4	260	87
81.4	121	39	215.5	197	64
84.4	255	85	218.5	189	63
87.5	231	75	221.6	208	67
90.5	268	89	224.6	239	80
93.6	212	68	227.7	219	71
96.6	260	87	230.7	279	93
99.7	191	62	233.8	213	69
102.7	189	63	236.8	294	98
105.8	221	71	239.9	184	59
108.8	182	61	242.9	211	70
111.9	209	67	246.0	210	68
114.9	222	74	249.0	287	96
118.0	191	62	252.1	226	73
121.0	189	63	255.1	251	84
124.0	237	79	258.1	210	70
127.1	167	54	261.2	219	71
130.1	154	51	264.2	271	90
133.2	151	49	267.3	168	54
136.2	89	30	270.3	255	85

RQD Log LD04-20

Date: Page: 2

270.3	255				
273.4	204	66			
276.4	191	64			
279.5	101	33			
282.5	177	59			
285.6	126	41			
288.6	265	88			
291.7	253	82			
294.7	248	83			
297.8	258	83			
300.8	238	79			
303.9	295	95			
306.9	246	82			
310.0	264	85			
313.0	239	80			
316.1	173	56			
319.1	156	52			
322.2	194	63			
325.2	152	51			
328.3	222	72			
331.3	265	88			
334.3	286	95			
EOH @ 334.3					

Survey Log LD04-20

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0				-90

Assay Sample Log LD04-21

Sample No.	From	To	Sample Type	S.G	Rec.	% Rec.	ppm Au	ppm Ag	ppm As	ppm Cu	ppm Zn
	0.0	163.7	no sample								
322338	163.7	164.7			0.9	90	0.002	18.1	156	502	6740
	164.7	203.8	no sample								
322339	203.8	204.8			0.9	90	0.148	1.8	6970	67	535
	204.8	252.1	no sample								
EOH @ 252.1m											

Diamond Drill Log LD 04-21

Date: Logged By: DJH Page 1/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
0.0	6.1	O/B																			**triconed casing - no core**
6.1	18.2	SP												<1							**Siliceous Phyllite**
			S1	11.3	40																dk gy/blk-med gy laminated (irreg), wkly phyllitic
			S1	15.1	38																w/ <5% lt gy (tuffaceous) irreg laminae
			S1	17.5	60																no alt'n
																					PY in <vnlts and as blebs
																					13.4 graphitic gouge, 3cm wide @ 74
																					lower cnt gradational
18.2	39.0	CP												<1							**Calcareous Phyllite**
			S1	27.7	60																dk gy/blk-med gy laminated, wkly phyllitic
			S1	34.2	55																grades locally to gy, massive limestone and to dk gy massive argillite
			S1	37.2	30																<5% intercalated, volcanic sandstone or tuff
																					no alt'n
																					S1 generally irreg
																					PY as blebs and in <vnlts, and in compositional laminae proximal to volcanic
																					sandstone layers (syngenetic?)
																					lower cnt gradational
39.0	50.6	LS																			**Argillaceous Limestone**
																					med gy, massive, recrystallized
																					wkly argillaceous w/ <2% wispy laminae
																					no alt'n, no sde mineralization
																					wkly fractured w/ minor yellow and orange oxide infilling
50.6	85.5	LS																			**Limestone**
																					med gy, massive, recrystallized
																					grades locally to argillaceous limestone
																					wkly fractured w/ pale yellow and orange/br oxide infilling
																					no alt'n; no sde mineralization
85.5	87.5	MT																			**Mafic Tuff**
																					85.5-86.0 lt gr/tan, wkly laminated, wkly phyllitic w/ boudinaged LS frags
																					86.0-87.5 dirty gr/br, massive, non-phyllitic, heterolithic ash tuff w/ rare LS
																					and volcanic lapilli

Diamond Drill Log LD 04-21

Date: Logged By: DJH Page 2/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
																					85.5-87.5 cont'd
																					upper cnt sharp, planar @ 20
																					lower cnt gradational
87.5	130.5	LS																			**Limestone**
																					med gy, massive, recrystallized
																					locally argillaceous
																					no alt'n; no sde mineralization
																					wkly fractured w/ minor orange oxide infilling
																					100.0-103.0 patches of lt gy and white, unrecrystallized LS (chalky)
																					lower cnt sharp, steep, irreg
130.5	148.4	MT											<1	<1							**Mafic Tuff**
			S1	132.5	35																med gy/gr, locally lt gy laminated, locally massive, calcareous ash tuff
			S1	135.9	27																wkly phyllitic; locally argillaceous; distinctive, angular to subrounded LS lapilli
			S1	145.3	35																no alt'n
																					PY/PO as blebs in laminae parallel to S1 (syngenetic?
																					131.7-139.9 distinctive "spotted", dk gy/gr lapilli; poorly sorted, wkly phyllitic
																					135.0 3cm lt gy gouge
																					139.3-139.5 shear w/ gouge @ 20
																					lower cnt gradational
148.4	151.1	CP											<1	<1							**Calcareous Phyllite**
			S1	150.1	34																dk gy/blk-lt gy laminated, wkly phyllitic
																					w/ <3% mafic tuff intercalated
																					boudinaged LS frags
																					unit is gradational from siliceous phyllite to limestone
																					no alt'n
																					PY/PO as small blebs in compositional layers parallel to S1
																					lower cnt sharp, slightly irreg, S1 conformable @ 30
151.1	152.7	LS																			**Limestone**
																					med gy, massive, recrystallized, v. wkly argillaceous
																					no alt'n, no sde mineralization
																					152.0-152.2 calcareous phyllite
																					lower cnt sharp, planar @ 45

Diamond Drill Log LD 04-21

Date: Logged By: DJH Page 3/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
152.7	153.9	CP											<1	<1							**Calcareous Phyllite**
																					lith, alt'n, and mineralization a/a 148.4-151.1
																					w/ minor tuffaceous laminae
																					lower cnt sharp, planar @ 45
153.9	155.1	LS																			**Limestone**
																					lith, alt'n, and mineralization a/a 151.1-152.7
																					lower cnt sharp, irreg
155.1	159.0	CP											<1	<1							**Calcareous Phyllite**
																					dk gy-lt gy laminated, wkly phyllitic
																					w/ minor tuffaceous laminae (pale gr/gy)
																					PY/PO as dissem grains and patches
																					lower cnt gradational
159.0	163.4	SP											1								**Siliceous Phyllite**
			S1	161.0	38																dk gy/blk - lt gy laminated, wkly phyllitic
																					<5% lt gr/gy chloritic laminae
																					no alt'n
																					PY as blebs in compositional layers parallel to S1
																					lower cnt not observed due to broken core and gouge
																					160.2-160.4 graphitic gouge
163.4	212.9	LS											tr			tr		tr			**Limestone**
			S1?	165.4	68																med gy, massive, recrystallized
																					no alt'n; no mineralization
																					163.4-163.5 4, parallel, vuggy PY/SL vns @ 32/ v. irreg and discontinuous
																					163.4-165.4 argillaceous w/ S1 developed
																					177.4-177.9 strongly fractured w/o gouge
																					203.3-203.8 strongly fractured w/o gouge
																					204.2-204.5 vuggy & brecciated w/ 10% PY blebs & 3% AS blebs
																					205.3-206.8 strongly fractured w/o gouge
																					206.8-207.7 healed bxia w/ 10% CB matrix; 2% PY blebs w/ tr SL
																					207.9-211.1 strongly fractured
																					211.1-212.6 2% PY in vnlts, <vnlts

Diamond Drill Log LD 04-21

Date: Logged By: DJH Page 4/

From	To	Rock	Mod	Stuct	CA	Alteration							Mineralization								Comments
						HF	SKp	SKr	CY	CL	Ser	QZ	PY	PO	CP	SL	GL	AS	BN	MG	
212.9	223.1	Md							<1	<1											**Monzonite Dyke**
																					pale gr/gy, non-mag, non-calc, non-porph, med grained
																					CL alt'n of mafics; plag wkly altered
																					no sde mineralization
																					upper cnt not observed due to broken core; chilled margin
																					221.1-223.1 strongly fractured w/ CB+CY infilling
																					lower cnt not observed due to broken core; 0.3m chilled margin
223.1	252.1	LS																			**Limestone**
																					med gy, massive, recrystallized
																					local CB vns to 15cm
																					mod CB stwk nvlts
																					no alt'n; no sde mineralization
																					240.4 2cm healed bxia @ 85 w/ monzonite, phyllite, and limestone frags in
																					a dk gy, calcareous matrix
EOH @ 252.1 meters																					

RQD Log LD04-21

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block	RQD (cm)	RQD %	block	RQD (cm)	RQD %
			136.2	230	
6.1			139.3	234	75
8.2	87	41	142.3	267	89
11.3	204	66	145.4	156	50
14.3	113	38	148.4	259	86
17.4	210	68	151.5	250	81
20.4	216	72	154.5	247	82
23.5	234	75	157.6	207	67
26.5	241	80	160.6	135	45
29.6	254	82	163.7	94	30
32.6	209	70	166.7	80	27
35.7	233	75	169.8	107	35
38.7	202	67	172.8	169	56
41.8	248	80	175.9	228	74
44.8	207	69	178.9	177	59
47.9	263	85	182.0	231	75
50.9	266	89	185.0	151	50
53.9	252	84	188.1	197	64
57.0	254	82	191.1	243	81
60.0	194	65	194.1	221	74
63.1	186	60	197.2	268	86
66.1	199	66	200.2	198	66
69.2	243	78	203.3	249	80
72.2	153	51	206.3	38	13
75.3	183	59	209.4	114	37
78.3	121	40	212.4	54	18
81.4	202	65	215.5	112	36
84.4	226	75	218.5	133	44
87.5	219	71	221.6	129	42
90.5	209	70	224.6	73	24
93.6	268	86	227.7	219	71
96.6	243	81	230.7	124	41
99.7	186	60	233.8	164	53
102.7	203	68	236.8	168	56
105.8	232	75	239.9	259	84
108.8	290	97	242.9	195	65
111.9	246	79	246.0	224	72
114.9	279	93	249.0	164	55
118.0	253	82	252.1	203	65
121.0	271	90			
124.0	293	98	EOH @ 252.1		
127.1	214	69			
130.1	228	76			
133.2	241	78			
136.2	230	77			

Survey Log LD04-21

UTM Northing: **UTM Easting:** **Elevation:**

Depth (ft)	Depth (m)	Azimuth	Corrected	Inclination	Dip
0	0				-90