

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY

HOLE No.: 23

Collar Eastings: 1650.00

Collar Northings: 225.00

Collar Elevation: 0.00

Grid: 42 ZONE/MAIN

1996 DRILL CONTRACTOR: BRADLEY BROTHERS - NORANDA Only Sperry Sun tests used for plotting

Collar Inclination: -50.00

Grid Bearing: 0.00

Final Depth: 823.00 metres

DATES DRILLED: APR 25-MAY 12, 1996

Logged by: EB & SWC / REG

Date: OCT '90 / APR '96

Down-hole Survey: ACD/TRP/RTO/SS

DATES LOGGED: APR 25-MAY 12, 1996

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	Au R1	Au R2	Au R3
0	0.1	ADDITIONAL DATA Purpose: Test northern stratigraphy for possible repetition of favourable mafic/ultramafic contacts. Very limited drill testing to date. 1996 drilling is extending a 1990 hole which ended at 291.4m. Size: BQ, casing in hole and not capped - casing top cut NTS No.: 32D/12 - Claim No.: L 579663 Core Storage: Holloway Lake Campsite								
0.1	293.0	refer to 1990 log for descriptions by Eric Barr		48.50	49.00	0.50	0.01			
				49.00	50.50	1.50	0.01			
				50.50	51.60	1.10	0.01			
				51.60	52.80	1.20	0.03			
				52.80	53.30	0.50	0.01			
				64.60	65.10	0.50	0.01			
				65.10	66.70	1.60	0.03			
				66.70	68.20	1.50	0.02			
				68.20	68.90	0.70	0.02			
				101.50	102.10	0.60	0.01			
				102.10	103.20	1.10	0.04			
				103.20	104.20	1.00	0.02			
				104.20	105.20	1.00	0.02			
				105.20	105.70	0.50	0.01			
				151.20	152.40	1.20	0.01			
				152.40	153.90	1.50	0.02			
				153.90	154.30	0.40	0.02			
				154.30	155.00	0.70	0.01			
				155.00	156.50	1.50	0.01			
				156.50	157.40	0.90	0.01			
				157.40	157.70	0.30	0.01			
				157.70	158.90	1.20	0.01			
				158.90	159.90	1.00	0.01			
				159.90	160.80	0.90	0.01			
				160.80	161.30	0.50	0.01			
				161.30	163.70	2.40	0.01			
				163.70	165.00	1.30	0.01			
				165.00	166.00	1.00	0.01			
				166.00	166.60	0.60	0.01			

2.17704



32D12SE0117 2.17704 HOLLOWAY

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	Au R1	Au R2	Au R3
				166.60	168.00	1.40	0.01			
				186.90	187.80	0.90	0.01			
				187.80	188.30	0.50	0.01			
				188.30	188.90	0.60	0.01			
				188.90	189.90	1.00	0.01			
				189.90	190.70	0.80	0.01			
				190.70	192.30	1.60	0.01			
293.0	307.7	(4bx, mod ank, wk-mod tc, chl infill, MS 20-400) ULTRAMAFIC BRECCIA green to locally greyish green; fmg; soft; breccia fragments are angular and often appear to be in-situ; matrix to the fragments is dark green to black and chloritic; 1-2% calcitic veinlets and fracture infilling; 299.5-302.0m: grey, strongly talcose with elevated MS to 400; 305.1-305.5m: spinifex within fragments; 306.7-306.8m: white QCV at 70 deg TCA with several black graphitic ribbons parallel (II) to contacts; mod ank; wk-mod talc; mod chl & tc in bx matrix/infill; trace pyrite;	6879	306.50	307.00	0.50	0.01			
307.7	310.5	(4km, mod-wk ank, MS 20-200) KOMATIITIC BASALT grey; fg; possibly pillowed; gradual change to following mafic; mod-wk ank; <0.5% pyrite overall; locally 2-4% pyrite over 1-5cm;	6880	307.00	308.00	1.00	0.01			
			6881	308.00	309.00	1.00	0.01			
			6882	309.00	310.00	1.00	0.01			
310.5	319.0	(3b, wk ank, MSv20-40) PILLOWED MAFIC VOLCANIC FLOWS grey-green; f-cg; local feldspar phyrlic; 5% chloritic +/- graphitic fracture filling; 3% calcitic +/- minor qtz veinlets; local 1-2cm siliceous carbonaceous to graphitic bands with silicification extending downhole 2-4cm's past the carbonaceous portions which may contain 2-4% pyrite and pyrrhotite, i.e. 308.9-308.95m, 310.8-310.87m;								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	Au R1	Au R2	Au R3
		310.5-312.0m: pillow selvages are 3-4cm graphitic with 0.5-1% py & po; wk ank; 0.5% diss py & po, po is not always magnetic;								
319.0	319.8	(1b, cherty, MS 40) CHERTY ARGILLITE grey; fg; i/c at 55 deg TCA, o/c at 85 deg TCA; bedded at 55-60 deg TCA; mod-str silicification; trace pyrite;								
319.8	333.4	(3c, loc wk-str sil, MS 10-70) HETROLITHIC MAFIC FLOW BRECCIA grey; fmg; highly variable in composition from sections of strong silicification and large fragments to U/M talc-chloritic to predominantly clasts including felsic porphyritic clasts with occasional graphite and sedimentary fragments; occasional pillows and pillow fragments, some leucoxenitic; local fractures are chloritic; 1-2% QC veinlets with tan-beige clinozoisite; local wk-str silicification; <0.5% py & po overall;								
333.4	386.0	(3b, wk-str frac cntrl'd calc. MS 20-40) PILLOWED MAFIC VOLCANICS grey-green; fg; pillowed 10-50cm with average 1-5cm selvages that are variable from wkly chloritic to bleached to cherty to bx'd with hyaloclastite; local pillows are leucoxenitic or amygduloidal; 357m+ within or near selvages MS varies from 80-200; 2-3% calcitic veinlets+/- Qtz, clinozoisite; 384.6-384.9m: QCV with 5-10% clinozoisite; weak fol'n at 50 deg TCA; wk-str fracture controlled calcite;								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	Au R1	Au R2	Au R3
		<1.0% fracture controlled py & po overall;								
386.0	403.8	(6a, mod sil, MS 5-20)	6883	398.00	399.00	1.00	0.01			
		FELDSPAR PORPHYRY, MS 5-20	6884	399.00	400.00	1.00	0.01			
		grey; 1-5mm cream white feldspar phenocrysts in a grey siliceous matrix; xenoliths of porphyry and mafics up to 10cm while mostly 0.5-1.5cm in size; 1-2% calcitic veinlets;	6885	400.00	401.00	1.00	0.01			
		388.3-388.4m: several po & sphalerite blebs and clots in a calcitic ribbon and diss in the FP;	6886	401.00	402.00	1.00	0.01			
		6887	402.00	403.00	1.00	0.01				
		wk fol'n at 50 deg TCA;								
		mod sil in matrix; wk fracture controlled calcite;								
		403.6-403.8m: carbonaceous with graphite, MS 40-200;								
		<0.5% po & py overall with rare sph;								
		400.8-402.1m: 2-3% po & py as bands along fol'n and also as clots, po is both magnetic and non magnetic, MS 40-200;								
		403.0-403.8m: 1-2% po & py;								
403.8	429.3	(3ba, wk calc-ank, MS 25-40)	6888	403.00	404.00	1.00	0.01	0.01		
		VAGUELY PILLOWED TO MASSIVE MAFIC VOLCANIC FLOWS	6889	404.00	405.00	1.00	0.01			
		grey to tannish grey locally; vaguely pillowed to massive with slight variations such as locally feldspar phyrlic;								
		1-2% calcitic fracture filling, 1% chloritic fracture filling;								
		417.0-421.0m: 3-5% qtz-epidote-calcite veining;								
		wk fol'n at 50 deg TCA;								
		wk fracture controlled to pervasive calcitic alt'n changing to spotty weak ankeritic alt'n;								
		essentially nil except for very rare po bleb;								
429.3	434.0	(3af, lx, str ank, MS 25-40)								
		FELDSPAR PHYRIC MASSIVE MAFIC VOLCANIC								
		grey to greenish grey; fmg; 1% fine pin-point lx; 0.5-3% 1-8mm feldspar phenocrysts;								
		str ank;								
		essentially nil sulphides;								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	Au R1	Au R2	Au R3
		fracture filling, MS 300;								
434.0	445.6	(3b, mod ank, loc calc, MS 20-60)	6890	443.00	444.00	1.00	0.01	0.01		
		PILLOWED MAFIC VOLCANIC	6891	444.00	445.00	1.00	0.01			
		grey to greenish grey; f-mg; pillows are 20-70cm with vague 1-10cm selvages which occasionally are wkly bleached and usually bx'd or wkly hyaloclastic; 1% chloritic fracture filling; 1% calcitic fracture filling and veinlets;								
		443.2-445.6m: bx'd and wkly sheared at 55-70 deg TCA, bx'd matrix is possibly carbonaceous &/or chloritic;								
		mod ank;								
		443.2-445.6m: str perv calc;								
		essentially nil sulphides overall;								
		445.0-445.6m: <1% po & py;								
445.6	451.5	(6a, wk-mod sil, wk ep, MS 10-20)	6892	445.00	446.00	1.00	0.31			
		FELDSPAR PORPHYRY	6893	446.00	447.00	1.00	0.01			
		grey; 1-3mm feldspar phenocrysts in a moderately siliceous matrix; similar to FP uphole but more intimately mixed with wallrock;	6894	447.00	448.00	1.00	0.01			
		445.6-446.2m: wkly bx'd & sheared at 60-70 deg TCA;	6895	448.00	449.00	1.00	0.01			
		wk-mod sil in matrix; wk ep, locally mod;	6896	449.00	450.00	1.00	0.01			
		445.6-448.0m: mod ep changing to wk;	6897	450.00	451.00	1.00	0.01			
		<1% po and mnr py overall; MS up to 100 where po; trace sph & cpy;	6898	451.00	451.50	0.50	0.01			
451.5	470.2	(3b, wk-mod ank-calc, MS 20-40)	6899	451.50	452.00	0.50	0.01			
		VAGUELY PILLOWED MAFIC VOLCANICS	6900	452.00	453.00	1.00	0.01	0.01		
		grey to greenish grey; fg; vague selvages with rare wk chl or bleaching; 2-3% calcite +/- qtz veinlets, mainly crosscutting wk fol'n;	6901	461.20	461.70	0.50	0.01			
		461.8-462.0m: white QCV at 25-30 deg TCA;	6902	461.70	462.20	0.50	0.01			
		wk fol'n at 50 deg TCA;	6903	462.20	462.70	0.50	0.01			
		wk-mod perv ank;								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	Au R1	Au R2
		wk-mod fracture controlled calc;							
		trace py & po fracture controlled and rare cpy, sph, po with calcitic veinlets;							
470.2	493.2	(lgl, wk ank, wk calc, MS 5-40)	6904	490.20	491.70	1.50	0.01		
		HYDROTHERMAL CONGLOMERATE	6905	491.70	493.20	1.50	0.01		
		grey; clasts up to 10-20cm with 10-30% mafic matrix; clasts are predominantly felsic intrusives such as FP, QP, QFP while mafics including lx bearing mafics and intermediate mafic clasts are minor; clasts are rounded to sub-angular;							
		490.0-493.2m: clast sizes decrease towards contact;							
		492.5-495.0m: 1-2% QC veinlets;							
		wk ank in matrix;							
		wk fracture filling calcite;							
		lx py & po as clasts or fracture filling with rare sphalerite and chalcopyrite occasionally with the py-po;							
493.2	504.2	(3b, amyg, wk-mod calc, MS 10-30)	6906	493.20	494.70	1.50	0.01		
		AMYGDULOIDAL PILLOWED MAFIC VOLCANIC	6907	501.60	502.10	0.50	0.01		
		grey to greenish grey; fg; qtz-calc filled 1-3mm amygdules; pillows are 20-70cm in size with 1-3cm wkly chl'c selvages that have MS up to 90; selvages at 45-50 deg TCA;							
		501.7-501.9m: QCAV at 30 deg TCA with 5cm of sericite halo in the wallrock;							
		wk-mod frac controlled calc;							
		trace pyrite coating fracture faces;							
504.2	523.0	(6a, mod sil, MS 10-30)							
		FELDSPAR PORPHYRY							
		grey; 1-3mm feldspars in a siliceous matrix, similar to previous porphyries up hole, i.e. 386.0-403.8m;							
		rare xenoliths to 517m, 517-523m 60-70% porphyritic xenoliths; chilled i/c for 0.5m;							
		wk fel'n at 45 deg TCA;							
		mod sil in matrix;							

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							Au gpt	Au R1	Au R2	Au R3
		nil sulphides;								
523.0	549.4	(3e, mod-str ank, loc wk-str calc, MS 20-40)	6908	545.00	546.00	1.00	0.01			
		MAFIC TUFF	6909	546.00	547.00	1.00	0.01			
		grey; ash to minor lapilli tuff (<1mm to +/- 1cm with average	6910	547.00	548.00	1.00	0.01			
		1-3mm crystals; fragments are light to dark grey and creamy	6911	548.00	549.00	1.00	0.04	0.07	0.01	
		white in colour; 1% calcitic fracture filling;								
		523.7-523.8m: graphitic argillite at 30-35 deg TCA;								
		546.0-547.0m: several cherty qtz veins or oozy infills,								
		barren looking;								
		548.3m: 1cm calcitic veinlet at 20 deg TCA (X) with a paper								
		thin flexible, almost leathery coating on the lower contact;								
		local banding/bedding of finer ash at 40 deg TCA;								
		540.0-549.4m: bedding at 50-60 deg TCA;								
		550m: 1cm vuggy calcitic and qtz crystal veinlet at 60								
		deg TCA (II);								
		mod-str ank;								
		local wk-str calc;								
		rare po fragments;								
549.4	564.0	(3b, str ank, MS 20-40)	6912	549.00	550.00	1.00	0.01			
		PILLOWED MAFIC VOLCANIC								
		greenish grey; fmg; pillows 20-70cm with wkly chloritic								
		selvages that have MS up to 80; wkly amygduloidal locally with								
		qtz (often greenish epidote/chlorite discoloured or with								
		minor calcite; 1% calcitic fracture filling;								
		str ank;								
		trace py & po;								
564.0	587.4	(3c, mod ank, MS 10-30)								
		MAFIC BRECCIA								
		greenish grey; fg matrix with fragments up to 5-10cm; fragments								
		are mafic and feldspar porphyritic which may be bleached								
		siliceous selvages similar to some of the pillowed unit								
		encountered; some fragments are bleached with qtz filled								
		amygdules; matrix locally is feldspar porphyritic with								
		crystals up to 3mm; local calcitic fracture filling;								

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							Au gpt	Au R1	Au R2	Au R3
		wk fol'n at 50-70 deg TCA; mod ank; <0.5% po overall but locally po clasts up to 1cm;								
587.4	592.7	(3b, mod-str ank, MS 10-30) PILLOWED MAFIC VOLCANIC green-grey; fg; vague pillows with bx & minor hyaloclastite; 2-3% calcitic fracture filling with local bleaching, loc wk chlorite and very weak epidote hue to the calcitic ribbons; sharp o/c at 70 deg TCA; mod-str ank; <0.5% po as fracture filling;								
592.7	621.6	(3a, str ank, MS 40-60) MASSIVE MAFIC VOLCANIC green; mg; local pin-point size lx; massive; occasional sauceritization; 592.7-603.5m: 1-2% epidote ribbons, fracture filling with wk bleaching/sauceritization; 616.0-621.6m: chloritic & wkly talcose with loc lx up to 3-5%; str ank; wk-mod chlorite & epidote; nil-trace po & py;								
621.6	654.5	(3c, wk-mod ank, MS 20-30) MAFIC BRECCIA greenish grey; fg matrix with fragments up to 5-10%; possibly pillow or flow breccia; 1% calcitic fracture filling; local epidotic veinlets i.e. 639.9-640.3m; grades into the following pillowed mafic volcanic by decreasing in the number of fragments towards the o/c; 648.8-649.5m: hematite stained qtz-calcite 1-2cm veinlet sub-parallel TCA; fol'd at 70 deg TCA; <0.5% py overall as occasional fracture filling and	6913	639.50	640.50	1.00	0.01			
			6914	640.50	641.50	1.00	0.01			
			6915	641.50	642.50	1.00	0.01	0.01		
			6916	642.50	643.50	1.00	0.01			
			6917	643.50	644.50	1.00	0.01			
			6918	644.50	645.50	1.00	0.01	0.01		

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	Au R1	Au R2	Au R3
		around fragments; 645.0-646.0m: locally 1-2% clots of 3-4cm po-py-cpy;								
654.5	693.7	(3b, wk ank, wk-mod calc, MS 20-30) PILLOWED MAFIC VOLCANIC grey-green; fg; vaguely pillowed with wk bx or wk chl selvages; amygduloidal with calcite, qtz and occasionally py &/or py infilling; 680.8-681.1m: calcitic veining with str ser;	6919	668.60	669.60	1.00	0.01			
		wk ank;	6920	669.60	670.60	1.00	0.01			
		wk-mod calc (fracture controlled to locally pervasive);	6921	674.40	675.40	1.00	0.12			
		680.3-681.3m: mod-str ser;	6922	680.30	681.30	1.00	0.34			
		690.3-691.3m: selvages are strongly chloritic and calcitic;	6923	681.30	682.80	1.50	0.01			
		691.3-693.7m: mod pervasive chlorite and calcite alt'n, grey colouration looks carbonaceous;	6924	689.30	690.30	1.00	0.06			
		0.5% to locally 1-2% py & po over short sections; rare cpy and aspy;	6925	690.30	691.30	1.00	0.01			
			6926	691.30	692.30	1.00	0.06			
			6927	692.30	693.70	1.40	0.01			
693.7	823.0	(5, str chl-serp, MS 100-100,000) ULTRAMAFIC INTRUSIVE - PERIDOTITE dk greenish black; f-cg; moderately hard, i.e. 4.5-5.0; whitish feldspar clots in the dark hornblende ? matrix gives a mottled gabbroic look to this unit, whitish blotches may be pseudomorphs of olivine? but they are fine grained and the matrix grain size and mineralogy is difficult to identify until about 790m at which point m-cg olivine crystals are notable; this unit is probably a peridotite with the contacts chilled and appearing more mafic but clearly ultramafic as you enter the unit away from the contact area; strongly magnetic; 693.7-695.5m: chilled margin with lighter colour and slightly finer grained; 701.4-701.6m: creamy white bleaching with vague contacts, 1-3% reddish garnets near contacts and center of the bleaching; 721.1-722.0m: buff cream coloured feldspathic and garnetiferous (4-7%), bleached section; 722.8-723.2m: buff cream section as above with garnets; both above sections have vague or gradational contacts, very U/M looking beyond about 720m with 5-10% serpentine fractures or polysutures, hardness decreases to 3.5-4.5, and appearance of asbestos ribbons; 731-736m: asbestos ribbons (+/-1mm) with non-asbestos serpentine;	6928	693.70	695.00	1.30	0.01			
			6929	695.00	696.00	1.00	0.01			
			6930	701.00	702.00	1.00	0.01	0.01		
			6931	792.50	793.00	0.50	0.01		0.01	
			6932	793.00	793.50	0.50	0.23			

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							Au gpt	Au R1	Au R2	Au R3
		731-736m: asbestos ribbons (+/-1mm) with non-asbestos serpentine;								
		738.5m: asbestos ribbons (about 5/m) with fibres <1mm to rare 2mm fibres filling the ribbons without serpentine. fibres appear good quality with some balling or matting on the core surface;								
		693.7-720.0m: silicified (harder); str pervasive chlorite to serpentine within fractures but relatively fresh looking overall;								
		essentially nil sulphides noted; very rare po or cr ??, lots of magnetite - strongly magnetic;								
		722.2-722.3m: native copper in low angle TCA fracture;								
		724.0-724.2m: low angle fracture well coated with native copper;								
		741.7m: native copper on a low angle (20 deg TCA) fracture face;								
		731+m: asbestos ribbons up to 1-3% locally;								
		792.8-792.9m: magnetite, trace po and several blebs of native copper within magnetite clasts, MS >100,000;								
		797.0m: native copper blebs adjacent to slickensided fractures;								
		823.0m - E.O.H.								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	Au R1	Au R2
		COMMENTS							
		24/4/96 - set up							
		25/4/96 - take sperry sun tests - start drilling using round core barrel							
		1996 Sperry sun tests used for plotting, acid/tropari/roto-dip was used in original hole, refer to original log for results							
		AM 26/4/96 - 311m							
		PM 30/4/96 - 334m							
		AM 1/5/96 - 363m							
		PM 1/5/96 - 392m							
		AM 2/5/96 - 432m							
		PM 2/5/96 - 467m							
		AM 3/5/96 - 490m							
		PM 3/5/96 - 507m							
		AM 4/5/96 - 536m							
		PM 4/5/96 - 599m							
		AM 5/5/96 - gear in head broken - replace							
		AM 6/5/96 - 628m							
		PM 6/5/96 - 652m							
		AM 7/5/96 - 680m							
		PM 7/5/96 - 703m							
		PM 8/5/96 - 726m							
		AM 9/5/96 - 737m							
		PM 9/5/96 - 747m							
		AM 11/5/96 - 787m							
		PM 11/5/96 - 804m							
		AM 12/5/96 - 823m - E.O.H.							
		Cummulative metreage in GH90-23 - 823m, 531.6m in 1996							
		Total samples taken 36 + 54 = 90							
		Total metreage sampled 35.5 + 52.2 = 87.7m							
		% of total hole metreage sampled - 10.7%							
		1996 Stats:							
		Samples taken to 793.5m							
		Sample N's - 6879 - 6932							
		R of Samples - 54							
		Total metreage sampled - 52.2m							
		% of 1996 hole metreage sampled - 9.8%							

HOLE No: 23

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: 23

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	Au R1	Au R2
		21 WRA samples taken, 34432-34452							

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
45.00	-49.00	2.00
126.00	-48.00	3.00
207.00	-48.00	6.00
290.00	-48.00	3.00
342.00	-48.00	5.00
403.00	-47.00	6.00
454.00	-46.25	6.50
505.00	-44.00	7.00
553.00	-43.00	9.00
607.00	-42.00	10.00
655.00	-41.00	11.00
706.00	-40.50	
754.00	-39.00	
805.00	-37.00	

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY

HOLE No.: 69

Collar Eastings: 1584.00

Collar Northings: -366.00

Collar Elevation: 0.00

Grid: GH/EAST ZONES

EXTENSION DRILLED 18-26/9/96. LOGGED 18-26/9/96

Collar Inclination: -70.00

Grid Bearing: 360.00

Final Depth: 997.50 metres

old grid co-ords 1600E 374S

SS TESTS ONLY USED FOR PLOTTING

Logged by: KDT, REG/SM

Date: 15/09/92, 18-26/9/96

Down-hole Survey: ACID/TROPARI/SS

CORRECTED CO-ORD'S TO USE L1584E/366S

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	Au1	Au2	Au3
0	0.1	ADDITIONAL DATA Purpose: Test for possible PHZ below -800mL Size: NQ, casing in hole and capped NTS No.:32D/12 - Claim No.:579661 & 579662 Blacktop grid co-ord's: L1600E/374S Corrected co-ord's L1584E/366S Approx UTM co-ord's: 595600E/5374650N Core Storage: Holloway Lake Campsite								
0.1	841.0	() refer to original hole log G69 by Ken Tylee 1992		302.50	303.00	0.50	0.01			
				303.00	303.30	0.30	0.10			
				303.30	303.70	0.40	0.01			
				303.70	304.00	0.30	0.01			
				304.00	304.50	0.50	0.01			
				367.00	368.20	1.20	0.01			
				368.20	369.30	1.10	0.01			
				369.30	370.50	1.20	0.01			
				370.50	371.50	1.00	0.01			
				378.00	379.00	1.00	0.01			
				379.00	380.10	1.10	0.01			
				380.10	381.10	1.00	0.01			
				424.60	425.60	1.00	0.01			
				425.60	426.30	0.70	0.01			
				426.30	426.70	0.40	0.60			
				426.70	427.90	1.20	0.10			
				427.90	428.90	1.00	0.01			
				428.90	429.90	1.00	0.01			
				471.70	472.20	0.50	0.01			
				472.20	473.10	0.90	1.10			
				473.10	473.60	0.50	0.01			
				482.80	483.80	1.00	0.01			
				483.80	484.20	0.40	0.01			
				484.20	485.20	1.00	0.01			
				500.80	501.30	0.50	0.01			
				501.30	502.00	0.70	1.85			
				502.00	502.50	0.50	0.01			
				529.90	530.90	1.00	0.01			

2.17704



BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: 69

Page 2

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	Au1	Au2
			530.90	531.20	0.30	0.20			
			531.20	531.70	0.50	0.01			
			531.70	532.60	0.90	0.01			
			532.60	533.30	0.70	0.01			
			533.30	534.00	0.70	0.01			
			534.00	534.70	0.70	0.01			
			534.70	535.70	1.00	0.01			
			572.60	573.10	0.50	0.01			
			573.10	573.60	0.50	0.01			
			573.60	574.10	0.50	1.40			
			574.10	574.60	0.50	0.01			
			580.80	581.80	1.00	0.01			
			581.80	582.60	0.80	0.80			
			582.60	583.60	1.00	0.01			
			583.60	584.60	1.00	0.01			
			638.70	639.20	0.50	0.01			
			639.20	640.20	1.00	0.01			
			640.20	640.70	0.50	0.01			
			657.00	657.50	0.50	0.01			
			657.50	657.90	0.40	0.01			
			657.90	659.30	1.40	0.01			
			659.30	659.50	0.20	0.01			
			659.50	660.00	0.50	0.01			
			669.80	670.80	1.00	0.01			
			670.80	671.20	0.40	0.01			
			671.20	672.70	1.50	0.01			
			672.70	674.20	1.50	0.01			
			674.20	675.70	1.50	0.01			
			675.70	677.20	1.50	0.01			
			684.20	684.70	0.50	0.01			
			684.70	685.10	0.40	0.01			
			685.10	685.60	0.50	0.01			
			705.20	705.70	0.50	0.01			
			705.70	706.20	0.50	0.01			
			706.20	707.20	1.00	0.01			
			707.20	708.40	1.20	0.01			
			708.40	708.60	0.20	0.01			
			708.60	709.10	0.50	0.01			
			752.50	753.00	0.50	0.01			
			753.00	753.40	0.40	0.01			
			753.40	754.00	0.60	0.01			
			775.80	776.80	1.00	0.01			
			776.80	778.20	1.40	0.01			

HOLE No: 69

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: 69

Page 3

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	Au1	Au2	Au3
			778.20	779.20	1.00	0.01				
			779.20	780.20	1.00	0.01				
			780.20	781.30	1.10	0.01				
			781.30	782.30	1.00	0.01				
			782.30	783.30	1.00	0.01				
			783.30	784.00	0.70	0.01				
			784.00	785.00	1.00	0.01				
			785.00	786.00	1.00	0.01				
			786.00	787.00	1.00	0.01				
			787.00	788.00	1.00	0.01				
			788.00	789.00	1.00	0.01				
			789.00	790.30	1.30	0.01				
			790.30	791.30	1.00	0.01				
			791.30	792.30	1.00	0.01				
			821.20	821.70	0.50	0.01				
			821.70	823.00	1.30	0.01				
			823.00	824.00	1.00	0.01				
			824.00	824.50	0.50	0.01				
			824.50	825.10	0.60	0.01				
			825.10	825.60	0.50	0.01				
800.9	891.8	(3b <a>. str calc: PILLOWED MAFIC VOLCANICS, MINOR MASSIVE MAFICS med green: fg; pillows are typically 10-70cm with lcm chloritic selvages 862.0-867.0m: 3-5% white & pink calcite with rare qtz veining; strong pervasive calcite; nil pyrite:								
891.8	915.1	(3d. hyal/var. mod-str ank) HYALOCLASTIC AND VARIOLITIC MAFIC FLOWS deformed with loc well fol intervals at 70 deg TCA. occasional variolitic and bleached horizons. 10% qtz/ank veinlets. gradational lower contact. 909.0-914.0: wk to mod pervasive hematite: pinkish cm scale elongated varioles mod - strong ank: tr py:	8174	890.90	891.90	1.00	0.01			
			8175	891.90	895.00	1.10	0.01			
			8176	893.00	894.50	1.50	0.01			
			8177	894.50	896.00	1.50	0.01			
			8178	896.00	897.50	1.50	0.01			
			8179	897.50	899.00	1.50	0.01	0.01		

HOLE No: 69

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: 69

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	Au1	Au2
915.1	917.2	(4, mod ank, tr py) ULTRAMAFIC mg, dk green, chloritic matrix with 10-15% qtz/ank stringers, sharp lower contact at 60 deg TCA. mod ank: tr py:							
917.2	929.0	(3a, lx, str ank) MASSIVE MAFIC LEUCOXENITIC FLOW mg, greenish grey, weak loc fol at 70 deg TCA, 10-20% qtz/ank stringers, pinkish colored leucoxene grains common: str ank: 923.0-929.0m: wk carbonaceous alt'n increasing towards contact: tr py:	8180 8181 8182 8183 8184 8185 8186 8187	917.20 918.50 920.00 921.50 923.00 924.50 926.00 927.50 929.00	918.50 920.00 921.50 923.00 924.50 926.00 927.50 929.00	1.30 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	0.01 0.01 0.01 0.04 0.12 2.28 0.19 0.05		
929.0	951.5	(3/4 bx, str ank, wk c) MAFIC CHANGING TO ULTRAMAFIC BRECCIA grey; fg locally cg; mainly mafic with ultramafic clasts including some with spinifex and fuchsite; local graphitic clasts; locally pillows and varioles as between 946-947m; 950.0-951.5m: 10-20% QA veining: str ank: 929.0-944.00m: weakly carbonaceous; 944.0-951.5m: moderately carbonaceous: tr-1% py overall with rare 2-5% py over several cm's:	8188 8189 8190 8191 8192 8193 8194 8195 8196 8197 8198 8199 8200 8201 8202	929.00 930.50 932.00 933.50 935.00 936.50 938.00 939.50 941.00 942.50 944.00 945.50 947.00 948.50 950.00 951.50	930.50 932.00 933.50 935.00 936.50 938.00 939.50 941.00 942.50 944.00 945.50 947.00 948.50 950.00 951.50	1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	0.03 0.01 0.01 0.01 0.01 0.01 0.01 0.03 0.01 0.01 0.01 0.01 0.01 0.05 0.04	0.06 0.01	0.01 0.05
951.5	997.5	(4, str ank, mod ser) ULTRAMAFIC grey and earthy yellow; fcg; locally bx'd and deformed; 1-3% QA veining: weakly foliated at 35-40 deg TCA with an average of about 30: str ank;							

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: 69

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	Au1	Au2	Au3
		mod ser;								
		nil-tr py;								
		997.5m - E.O.H.								

COMMENTS

16/9/96 start drilling. 2X round core barrel on
26/9/96 EOH at 997.5m

Stats for the hole extension
Total metrage in GH92-69(x) - 156.5m
Samples taken to 951.5m
Au Assay Sample N's - 8174 to 8202
N of Assay Samples - 29
WRA Sample N's - 34499 to 34500
N of Whole Rock Samples - 2
Total metrage sampled - 42.5m
% of total hole extension metrage sampled - 27.2%

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
100.00	-71.50	360.00

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: 69

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FROM	TO	LITHOLOGICAL DESCRIPTION			SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
									Au gpt	Au1	Au2	Au3
		DEPTH	INCLINATION	BEARING								
		199.00	-70.00	361.00								
		298.00	-68.25	361.00								
		400.00	-66.00	359.00								
		499.00	-61.50	357.50								
		598.00	-60.50	355.50								
		700.00	-60.00	356.00								
		800.00	-59.75	356.00								
		842.00	-58.50	354.00								
		892.00	-58.50									
		944.00	-56.25	356.00								
		997.00	-55.50	358.00								

HOLE No: 69

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY

HOLE No.: GH96115

Collar Eastings: 3775.00

Collar Northings: 4250.00

Collar Elevation: 0.00

Grid: HARKER EAST

Contractor: Bradley Brothers Ltd (Noranda PQ)

Collar Inclination: -68.00

Grid Bearing: 360.00

Final Depth: 790.30 metres

Dates drilled: Aug 7 -27, 1996

Logged by: R.E. Gadzala

Date: Aug 7 - 27, 1996

Down-hole Survey: Sperry Sun

Dates logged: Aug 8 -27, 1996

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
0	0.1	ADDITIONAL DATA Purpose: Exploration - Test for mineralization at ~600mL at the mafic/ultramafic contact Size: NQ, casing in hole and capped NTS No.: 32D/12 - Claim No.: L16536 Harker East grid co-ord's: L3775E/4250N Approx UTM co-ord's: 590575E/5374525N Core Storage: Holloway Mine								
0.1	14.0	cont: OVERBURDEN								
14.0	263.0	lib. mod ank. loc alb/sil/py: GREYWACKE gray; fmg; non-magnetic: 53.7-54.7m: 0.5-1.0cm QA veinlet along CA with trace to 1% py: 56.4-59.7m: 0.5-1.0cm QA veinlet along CA with trace to 1% py: 180.4-180.7m: in-situ bx'n with calcitic infilling: 257.5-258.0m: FAULT, bx'd with calcite and minor Qtz veining. local clayey seams at 70 deg TCA: massive to weakly bedded at 35-50 deg TCA: moderate ankerite: 175.5-177.1m: moderate albittization: 181.7-182.2m: weak silicification: trace to 1% pyrite: 175.5-177.1m: 3-5% fg diss py: 181.7-182.2m: 1-3% diss py:	7945 53.00 54.50 1.50 0.01 7946 54.50 56.00 1.50 0.01 7947 58.30 59.70 1.40 0.01 7948 174.00 175.50 1.50 0.01 7949 175.50 176.50 1.00 0.01 7950 176.50 177.50 1.00 0.01 7951 177.50 179.00 1.50 0.01 7952 179.00 180.50 1.50 0.01 7953 180.50 181.50 1.00 0.01 7954 181.50 182.50 1.00 0.08 7955 261.50 263.00 1.50 0.01							
263.0	278.6	lib. grap. 3-7% py: GRAPHITIC ARGILLITE black; fg; non-magnetic; local bands/beds of non-graphitic wacks up to 10cm: bedded 70 deg TCA:	7956 263.00 264.50 1.50 0.01 7957 264.50 266.00 1.50 0.01 7958 266.00 267.50 1.50 0.01 7959 267.50 269.00 1.50 0.01 7960 269.00 270.50 1.50 0.01 7961 270.50 272.00 1.50 0.01							

2.17700



HOLE No: GH96115

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96115

Page 2

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
			7962	272.00	273.50	1.50	0.01		
		strong carbonaceous alteration with local graphite:	7963	273.50	275.00	1.50	0.01		
			7964	275.00	276.50	1.50	0.01		
		3-7% bedding controlled pyrite:	7965	276.50	278.00	1.50	0.01		
			7966	278.00	278.60	0.60	0.01		
278.6	282.6	(lb/d. wk ank)	7967	278.60	279.60	1.00	0.01		
		GREYWACKE AND GRAPHITIC ARGILLITE	7968	279.60	281.10	1.50	0.01		
		grey and black; fg: non-magnetic; 1-3% QC veining:	7969	281.10	282.60	1.50	0.01		
		wk ank:							
		trace pyrite:							
282.6	286.1	(5e. str calc)	7970	282.60	283.60	1.00	0.01	0.01	
		LAMPROPHYRE	7971	283.60	284.50	0.90	0.01		
		grey; cg: biotite rich:	7972	284.50	285.50	1.00	0.01		
		284.5-286.7m: graphitic argillite with o/c at 35 deg TCA:	7973	285.50	286.70	1.20	0.03	0.01	0.04
			7974	286.70	286.00	1.30	0.01		
		str calc:	7975	288.00	289.10	1.10	0.01		
		tr-1% py locally:							
		284.5-286.7m: 3-7% py:							
289.1	361.2	(lb. wk ank)	7976	289.10	290.80	1.70	0.01		
		GREYWACKE	7977	290.80	291.60	0.80	0.01		
		grey; massive; non-descript; non-magnetic:	7978	302.00	303.50	1.50	0.01		
		1% calcitic jointing:	7979	303.50	305.00	1.50	0.01		
		290.6-291.6m: Lamprophyre, cg, calcitic, 1-3% diss and	7980	305.00	306.50	1.50	0.01		
		cubic pyrite, fol'd at 35 deg TCA, 1/c at 25 deg TCA,	7981	306.50	308.00	1.50	0.01		
		o/c at 40 deg TCA:	7982	308.00	309.50	1.50	0.01		
		296.1-296.6m: Lamprophyre, as above, trace pyrite,	7983	309.50	311.00	1.50	0.01		
		1/c at 50 deg TCA, o/c at 20 deg TCA:	7984	311.00	312.50	1.50	0.01		
		317.5-320.8m: all bx'd:	7985	325.50	327.00	1.50	0.01	0.01	
		320.6-331.0m: locally bx'd over short 10-30cm sections:	7986	327.00	328.50	1.50	0.01		
		337.1-338.5m: bx'd and wily bleached:	7987	328.50	329.30	0.80	0.01		
		341.0-344.0m: local low angle fractures cause local	7988	329.30	330.10	0.80	0.04		
		rubbly sections:	7989	330.10	331.00	0.90	0.15		
		352.0-352.7m: Lamprophyre:	7990	373.80	374.80	1.00	0.01		
			7991	374.80	375.80	1.00	0.01		
		weak ankerite overall:							
		302.5-305.0m: wk sil:							
		309.5-311.0m: wk sil:							

HOLE No: GH96115

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96115

Page 3

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
		327.0-329.3m: wk sil/sil:								
		329.3-330.1m: mod alb/sil/ser:								
		330.1-331.0m: str alb/sil, buff grey colour:								
		381.4-381.7m: wk sil/alb:								
		289.1-302.0m: tr-1% py:								
		302.0-312.5m: 1-3% py:								
		312.5-327.0m: tr-1% py:								
		327.0-328.0m: 1-3% py:								
		328.0-329.3m: tr-1% py:								
		329.3-331.0m: 5-7% diss py:								
		331.0-381.4m: tr-1% py, mainly fracture controlled and minor disseminated:								
		381.4-381.7m: 3% py:								
381.2	415.2	(3 def'd/bx'd, str calc, loc sil/alb/ser, 3-5% py)	7992	381.20	381.80	0.60	0.01			
		DEFORMED/BRECCIATED MAFIC VOLCANIC	7993	381.80	383.00	1.20	0.01			
		dk green-grey; fg: non-magnetic; possible chloritic selvages	7994	383.00	383.60	0.60	0.01			
		suggesting a pillowed mafic prior to deformation; highly	7995	383.60	384.90	1.30	0.04			
		brecciated, deformed and altered:	7996	384.90	386.00	1.10	0.09	0.06	0.12	
		386.0-397.0m: 3-5% QA veining:	7997	386.00	387.50	1.50	0.03			
		400.0-415.2m: highly brecciated and crumbly:	7998	387.50	389.00	1.50	0.10			
			7999	389.00	390.50	1.50	0.18			
		381.2-400.0m: mod fracture controlled calc:	8000	390.50	392.00	1.50	0.01			
		400.0-415.2m: str perv calc, colour lightens:	8001	392.00	393.50	1.50	0.01			
		patchy wk-mod sil/alb/ser alt'd with greater py concentrations	8002	393.50	395.00	1.50	0.01			
		up to 5-7%; Best sil/alb at 381.3-381.6m, 383.6-384.9m and	8003	395.00	396.50	1.50	0.01			
		385.4-386.0m:	8004	396.50	398.00	1.50	0.01			
			8005	398.00	399.50	1.50	0.01	0.01		
		3-5% fg diss py overall:	8006	399.50	401.00	1.50	0.01			
		Best py concentrations in the 5-7% range at 381.3-381.6m,	8007	401.00	402.00	1.00	0.01			
		383.6-384.9m, 385.4-386.0m, 402.0-403.4m, 404.6-405.4m,	8008	402.00	403.40	1.40	0.01			
		410.6-411.4m, 414.4-415.2m:	8009	403.40	404.60	1.20	0.01			
			8010	404.60	405.40	0.80	0.01			
			8011	405.40	406.90	1.50	0.01			
			8012	406.90	408.40	1.50	0.01			
			8013	408.40	409.40	1.00	0.01			
			8014	409.40	410.50	1.10	0.01			
			8015	410.50	411.50	1.00	0.01	0.01		
			8016	411.50	413.00	1.50	0.01			
			8017	413.00	414.00	1.00	0.01	0.01		
			8018	414.00	415.20	1.20	0.01			

HOLE No: GH96115

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96115

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
415.2	435.0	(3a. lx. str calc) MASSIVE LEUCOXENITIC MAFIC VOLCANIC dk greyish green: f-cg: 1-5% calcitic fracture filling/veinlets: o/c at 20 deg TCA: 432.0-435.0m: sheared at 20 deg TCA: str perv calc: nil py:	8019	415.20	415.70	0.50	0.01			
435.0	625.8	(3a. mod hem) HEMATITIC MASSIVE MAFIC VOLCANIC dk reddish grey: fg: 436.0-440.0m: 3-5% QA veining with local specular hematite: 447-625.6m: magnetic, fine ribbons of magnetite and possibly specularite locally, magnetism becomes more sporadic and infrequent as the hematitic alteration decreases beyond about 533m: 540.3-540.5m: pink QV with a sugary texture and trace pyrite: 574.6-574.9m: dyke, str hem, contacts at 50 deg TCA: 608.0-611.0m: several vuggy fractures: 617.4-619.4m: bleached, 1-3% diss pyrite: mod perv hem: 540-629m: wk perv changing to patchy hem: tr-1% py with local 2-3% py over short 5-15cm sections: 1-5% diss and fracture controlled specularite:	8020	435.00	436.50	1.50	0.05			
			8021	436.50	436.00	1.50	0.11			
			8022	438.00	439.50	1.50	0.86			
			8023	439.50	441.00	1.50	0.17			
			8024	450.00	451.50	1.50	0.01			
			8025	451.50	453.00	1.50	0.01			
			8026	467.00	468.50	1.50	0.01			
			8027	468.50	470.00	1.50	0.01			
			8028	476.00	477.50	1.50	0.01	0.01		
			8029	477.50	479.00	1.50	0.01			
			8030	485.00	486.50	1.50	0.01			
			8031	486.50	488.00	1.50	0.01			
			8032	500.00	501.50	1.50	0.01			
			8033	501.50	503.00	1.50	0.01			
			8034	503.00	504.50	1.50	0.01			
			8035	504.50	506.00	1.50	0.01			
			8036	506.00	507.50	1.50	0.01	0.01		
			8037	507.50	509.00	1.50	0.01			
			8038	509.00	510.50	1.50	0.01			
			8039	510.50	512.00	1.50	0.03	0.01	0.04	
			8040	512.00	513.50	1.50	0.04			
			8041	513.50	515.00	1.50	0.05			
			8042	515.00	516.50	1.50	0.40			
			8043	516.50	518.00	1.50	0.01			
			8044	518.00	519.50	1.50	0.04			
			8045	519.50	521.00	1.50	0.04			
			8046	521.00	522.50	1.50	0.01			
			8047	522.50	524.00	1.50	0.01			
			8048	524.00	525.50	1.50	0.01			
			8049	536.00	537.50	1.50	0.32			
			8050	537.50	539.00	1.50	3.29			
			8051	539.00	540.50	1.50	1.55			
			8052	553.50	555.00	1.50	0.04			

HOLE No: GH96115

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96115

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
			8053	555.00	556.50	1.50	0.01		
			8054	556.50	558.00	1.50	0.03	0.01	0.04
			8055	558.00	559.50	1.50	0.01	0.01	
			8056	559.50	561.00	1.50	0.01		
			8057	591.00	592.50	1.50	0.01		
			8058	592.50	594.00	1.50	0.01	0.01	
			8059	617.00	618.00	1.00	0.01		
			8060	618.00	619.00	1.00	0.05		
			8061	619.00	620.00	1.00	0.18		
625.6	647.5	(4. str ank/ser. wk calc)	8062	633.00	634.50	1.50	0.07		
		ULTRAMAFIC	8063	634.50	636.00	1.50	0.01		
		yellowish grey; fg: spotty magnetism;	8064	636.00	637.50	1.50	0.09		
		633.4-634.1m: 60% QA flooding;	8065	637.50	639.00	1.50	0.01		
			8066	639.00	640.50	1.50	0.08		
		wk fol'n at 40 deg TCA;	8067	640.50	642.00	1.50	0.01		
		locally deformed;	8068	642.00	643.50	1.50	0.19		
			8069	643.50	645.00	1.50	0.37		
		str ank/ser:	8070	645.00	646.50	1.50	0.17		
		wk calc:							
		tr-1% py:							
647.5	658.2	(lbd.str ank/ser)	8071	646.50	647.90	1.40	0.01		
		GREYWACK & GRAPHITIC ARGILLITE	8072	653.50	655.00	1.50	0.04		
		buff yellow; fg: spotty magnetism; 1% QA veining mainly near	8073	655.00	656.50	1.50	0.01		
		the graphitic argillite; local graphitic argillite and graphitic	8074	656.50	658.00	1.50	0.06		
		sediments at 649.8-651.9m, 655.1-656.2m, 657.3-658.1m;							
		deformed;							
		str ank/ser:							
		tr-1% pyrite overall;							
		up to 3% py in the graphitic argillite as beds;							
659.2	666.5	(3d. str ank/calc. 1-3% py)	8075	658.00	659.50	1.50	0.07	0.06	0.08
		HYALOCLASTITE	8076	659.50	661.00	1.50	0.05		
		buff grey; fg: lx: spotty mag;	8077	661.00	662.50	1.50	0.26		
		661.0-664.2m: deformed with 3-5% QA veining;	8078	662.50	664.00	1.50	0.97		
			8079	664.00	665.50	1.50	0.14		
		fol'd at 30 deg TCA;	8080	665.50	666.50	1.00	0.38		

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
		str ank/calc:								
		658.2-662.2m: tr-1% py:								
		662.2-664.2m: 3-5% diss py:								
		664.2-666.5m: 1-3% diss and euhedral py:								
666.5	713.6	(3. lx, str ank/calc)	8081	666.50	668.00	1.50	0.01			
		LEUCOXENITIC MAFIC FLOWS	8082	709.00	710.00	1.00	0.15			
		lt-med green: fmg: spotty mag: 1-5% calcitic fracture filling	8083	710.00	711.00	1.00	0.01			
		and veinlets:	8084	711.00	712.00	1.00	0.01			
		709.0-712.7m: highly brecciated with local 1-3% pyrite	8085	712.00	713.00	1.00	0.01			
		and wk patchy alb/sil:								
		712.7-713.6m: graphitic breccia:								
		str ank/calc:								
		669.0-670.0m: wk hem:								
		tr-1% py:								
713.6	732.2	(3. loc lx, mod ank)	8086	713.00	714.00	1.00	0.01	9.01		
		MASSIVE MAFIC FLOWS	8087	714.00	715.00	1.00	0.01			
		green: fg: spotty magnetism: local 1-3% lx:								
		713.6-720.0m: several small bx'd sections of about 5cm each								
		cemented with calcite:								
		mod ank:								
		tr py:								
732.2	741.0	(4. str ank, loc tc/chl & ser)								
		ULTRAMAFIC								
		grey and buff yellow: fmg: spotty mag:								
		bx'd:								
		fol'd at 55 deg TCA:								
		732.2-738.0m: str ank, wk tc/chl:								
		738.0-741.0m: str ank, mod ser:								
		tr py:								
741.0	790.3	(3ab. str calc & ank, loc lx)								
		MASSIVE TO WEAKLY PILLOWED MAFIC VOLCANIC								

HOLE No: GH96115

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt.	R1	R2
		med green: fg; spotty mag:							
		741.0-754.5m: leucoxenitic:							
		761.0-767.0m: wkly in-situ bx'd:							
		770.1-770.4m: pink calcite and minor qtz vein:							
		str calc and ank:							
		tr-1% py. mainly in fractures:							
		790.3m: E.O.H.							

COMMENTS

7/8/96 start drilling, 2X hex core barrel
623m 2X hex off, 2X round core barrel on
28/8/96 E.O.H. at 790.3m

Total metrage in GH96-115 - 790.3m
Samples taken to 715m
Au Assay Sample R's - 7945 to 8067
WRA Sample R's - 34480 to 34486, 34488 to 34491
N of Whole Rock Samples - 11
N of Assay Samples - 143
Total metrage sampled - 159.6m
% of total hole metrage sampled - 20.2%

HOLE No: GH96115

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96115

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
20.00	-68.50	355.50
65.00	-67.00	356.50
110.00	-66.50	356.00
160.00	-66.25	358.00
210.00	-65.00	356.00
260.00	-64.00	356.00
310.00	-62.75	353.00
360.00	-63.25	352.50
410.00	-63.00	350.00
460.00	-62.25	351.00
510.00	-59.75	349.00
560.00	-59.50	348.00
610.00	-59.00	347.50
660.00	-57.25	346.50
710.00	-57.00	348.00
760.00	-55.50	348.00

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY

HOLE No.: GH96116

Collar Eastings: 3400.00

Collar Northings: 4250.00

Collar Elevation: 0.00

Grid: HARKER EAST

nda PQ)

Collar Inclination: -88.00

Grid Bearing: 360.00

Final Depth: 798.00 metres

Drilled: Aug 28 - Sept 14, 1996 / Logged: Aug 29 - Sept 14, 1996

Logged by: R.E. Gadzala/S. McCann

Date: Aug 28 - Sept 14, 1996

Down-hole Survey: Sperry Sun

Contractor: Bradley Brothers Ltd (N

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
0	0.1	ADDITIONAL DATA Purpose: Exploration - Test for mineralization at ~600mL at the mafic/ultramafic contact along west end of Harker East property Size: NQ, casing in hole and capped NTS No.: 32D/12 - Olsim No.: L10692, 10695 Harker East grid co-ord's: L3400E/4250N Approx UTM co-ord's: 59C175E/5374525N Core Storage: Holloway Mine							
0.1	8.8	(ovb) OVERBURDEN							
8.8	17.0	(3b, mod calc) PILLOWED MAFIC VOLCANIC dk green; fg: spotty mag; brecciated 1-5cm selvages; locally amygduloidal; 1% calcitic fracture filling: mod calc; nil-tr pyrite;							
17.0	54.3	(3a, mod calc) MASSIVE MAFIC FLOWS dk green; fg with local flows m-cg; magnetic; 1-3% calcitic fracture filling; 28.4-34.1m: possible dyke or different flow, earthy grey brown, cg with chilled margins grading gradually into the surrounding mafics, 1-5% dk mafic clasts up to 1cm, str calc, tr-1% py; mod calc overall but varies from weak to strong; tr-1% py;							
54.3	64.3	(3b, mod calc) PILLOWED MAFIC VOLCANICS med-dk green; fg: spotty magnetism; 1cm chloritic selvages; local calcite filled amygdulites; 62.5-64.0m: carbonatized and locally rubbly;							

2.17704

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
		mod calc:							
		tr-lx py:							
34.6	345.6	1lb. wk ank & calc:	8088	77.90	79.00	1.10	0.01		
		MASSIVE GREYWACKE	8089	79.00	80.40	1.40	0.01		
		4k gray: fg: local argillite beds:	8090	80.40	81.50	1.10	0.01		
		118.0-118.3m: 50% QA veining in a short carbonaceous argillite section:	8091	92.20	93.20	1.00	0.01		
		250.2-258.3m: graphitic argillite:	8092	115.50	116.50	1.00	0.01		
		277.8-279.5m: graphitic argillite:	8093	116.50	117.50	1.00	0.01	0.01	
		293.75-294.25m: white QAV crosscutting at avg 40 deg TCA:	8094	117.50	118.50	1.00	0.31		
			8095	137.00	138.50	1.50	0.01	0.01	
			8096	170.00	171.00	1.00	0.01		
		bedding at 35-70 deg TCA and graded beds indicate tops downhole to the north:	8097	171.00	172.00	1.00	0.01		
			8098	172.00	173.00	1.00	0.01		
		293.7-318.0m: whly shrd at 30 deg TCA:	8099	173.00	174.00	1.00	0.01		
			8100	174.00	175.00	1.00	0.01		
		wk ank & calc:	8101	175.00	176.00	1.00	0.01		
		171.3-176.0m: wk-mod ser:	8102	176.00	177.00	1.00	0.01		
		179.0-186.4m: wk-mod ser & mod alb/sil:	8103	177.00	178.00	1.00	0.01		
		258.7-268.7m: wk sil:	8104	178.00	179.00	1.00	0.01		
		293.7-345.6m: wk ser:	8105	179.00	180.00	1.00	0.01		
		320.0-329.0m: wk patchy sil:	8106	180.00	181.00	1.00	0.01		
			8107	181.00	182.00	1.00	0.04		
		tr-lx py:	8108	182.00	183.00	1.00	0.01		
		local (mainly short 10-70cm. sections of 2-4% fg diss py. i.e. 171.3-176.0m and 179.0-186.4m largest):	8109	183.00	184.00	1.00	0.01		
			8110	184.00	185.00	1.00	0.01		
		258.7-268.7m: 1-3% py:	8111	185.00	186.00	1.00	0.01		
		277.8-279.5m: 3-5% py:	8112	186.00	187.00	1.00	0.01		
		283.7-285.1m: 2-4% fg diss py:	8113	187.00	188.00	1.00	0.01		
		320.0-329.0m: 1-3% fg diss py:	8114	226.50	227.50	1.00	0.01		
		340.8-345.6m: patchy 2-4% fg diss py:	8115	256.70	257.70	1.00	0.04		
			8116	257.70	258.70	1.00	0.01		
			8117	278.00	279.50	1.50	0.06		
			8118	283.70	285.20	1.50	0.01		
			8119	293.70	294.30	0.60	0.01		
			8120	318.50	320.00	1.50	0.01	0.01	
			8121	320.00	321.50	1.50	0.01		
			8122	321.50	323.00	1.50	0.01		
			8123	323.00	324.50	1.50	0.06		
			8124	324.50	326.00	1.50	0.06		
			8125	326.00	327.50	1.50	0.01	0.01	

HOLE No: GH96116

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
			8126	327.50	329.00	1.50	0.04		
			8127	340.50	342.00	1.50	0.01		
			8128	342.00	343.50	1.50	0.01		
			8129	343.50	345.00	1.50	0.04		
345.0	554.0	13a. str calc. loc patchy ep: MASSIVE MAFIC VOLCANIC FLOWS med-dk green; fg; 1-5% calcitic fracture filling; occasional (1-2%) hem fracture filling and occasional specularite; grain size varies as it coarsens between 40i-410m then is fg again suggesting a flow contact at 411m with a chilled margin to the coarser flow bottom i.e. tops uphole: 1-2% Qtz veining; 1-5% epidote altered fractures: 497.0-510.8m: vaguely pillowed with 1-2% qtz veining and 1-3% loc fracture controlled py: 529.5-530.5m: vuggy calcitic veinlet subparallel TCA. rubby; 544.0-554.0m: dk grey, fg, magnetic: str calc: loc patchy epidote: overall tr-1% py: 345.6-346.0m: 3-5% fg diss py: local 10-20cm sections with 2-4% py: 501.0-503.0m: 1-3% fracture controlled & diss py:	8130	345.00	346.50	1.50	0.13		
			8131	346.50	348.00	1.50	0.57		
			8132	348.00	349.50	1.50	0.01	0.01	
			8133	364.00	365.00	1.00	0.01		
			8134	372.20	373.00	0.80	0.01		
			8135	380.80	382.40	1.60	0.01		
			8136	500.00	501.50	1.50	0.15		
			8137	501.50	503.00	1.50	0.99		
			8138	503.00	504.50	1.50	0.05		
			8139	504.50	506.00	1.50	0.11		
554.0	587.5	13b. str calc. frac cntrl'd ep) PILLOWED MAFIC VOLCANIC dk green; fg; appears similar to last portion of preceding massive mafics: 1-5% calcitic fracture filling; 554.0-582.5m: magnetic: 575.0-579.0m: whly in-situ bx'd with 1-3% fracture controlled pyrite: 582.5-587.5m: in-situ bx'd: str calc: epidote alt'd fractures: tr- loc 1% py: rare cpy mainly with calcitic veining: 576.0-578.5m: 2-3% py:	8140	575.00	576.00	1.00	0.01		
			8141	576.00	577.00	1.00	0.05	0.05	
			8142	577.00	578.00	1.00	0.04		
			8143	578.00	579.00	1.00	0.10		
587.5	735.5	14gl / ark. wk-mod hem. loc sill)	8144	587.50	589.00	1.50	0.01		

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DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au gpt	R1	R2	R3
		HEMATITIC MICRO-CONGLOMERATE / ARKOSE	8145	623.00	624.50	1.50	0.01			
		reddish grey; cg matrix with local heterolithic clasts up to 1cm;	8146	624.50	626.00	1.50	0.01			
		locally the hematitic alteration give the conglomerate	8147	626.00	627.50	1.50	0.01			
		a syenitic appearance; jasper shards are present; lower contact	8148	627.50	629.00	1.50	0.10			
		sharp at 40 deg.TCA and brecciated over 10cm	8149	669.50	671.00	1.50	0.01			
		624.0-630.0m: 1% qtz ribbons with rare sphalerite blebs and	8150	671.00	672.50	1.50	0.01			
		specularite:	8151	672.50	674.00	1.50	0.01			
		672.5m: 3-5cm grey cherty qtz veinlet with a 0.25-1.0cm cpy seam:	8152	674.00	675.50	1.50	0.01			
			8153	675.50	677.00	1.50	0.01			
		wk-mod hem:	8154	677.00	678.50	1.50	0.01	0.01		
		local mod sil:	8155	678.50	680.00	1.50	0.01			
		670.0-689.0m: mod sil:	8156	680.00	681.50	1.50	0.01			
			8157	725.00	726.50	1.50	0.04			
		tr-1% diss py with local short sections of up to 3% py:	8158	726.50	728.00	1.50	0.01			
		local 1-3% diss and ribboned specular hem.	8159	728.00	729.50	1.50	0.04			
		624.0-630.0m: 1-3% fg diss py in cgl:	8160	729.50	731.00	1.50	0.17			
		719.7-720.6m: sil interval with fo grains.	8161	731.00	732.50	1.50	0.34			
		725.3-734.0m: mod. ser.	8162	732.50	734.00	1.50	0.03			
		731.7-735.5m: 5-10% qtz/ank ribbons. weak sil/alb. tr-1% fine	8163	734.00	735.50	1.50	0.01			
		diss. py.								
735.5	735.6	(f.s. gouge)								
		FAULT ZONE								
		30cm fault gouge interval, chloritic and clayey.								
735.6	742.8	(3a, lx, gav, loc.py)	8164	735.50	737.00	1.50	0.01			
		MASSIVE MAFIC VOLCANIC	8165	737.00	738.00	1.00	0.05	0.05		
		fg, green to grey. wk loc.fol at 55 deg TCA.	8166	738.00	738.40	0.40	0.10	0.01	0.19	
		lx grains common. 10-15% bullish milky white gav's with	8167	738.40	740.00	1.60	0.14			
		brecciated contacts. chloritic with loc. blocky sections.	8168	740.00	741.50	1.50	0.01			
		RQD=30%								
		738.0-736.4m: mineralized interval: 5-7% fine diss py.								
		20% gav's. sil								
		locusil. patchy ank								
		tr. py. rare chpy								
740.8	790.0	4. mass. mod.ank:	8169	741.50	743.00	1.50	0.01			
		ULTRAMAFIC VOLCANIC	8170	743.00	744.50	1.50	0.04			
		mg, greyish-green, generally massive polysutured ultramafic	8171	790.00	791.00	1.00	0.01			
		with qtz/ank fractures and stringers/closets throughout: rare	8172	791.00	792.00	1.00	0.01			
		gav's <15cm with brecciated contacts.	8173	792.00	793.00	1.00	0.01			

HOLE No: GH96116

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96116

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
		744.0m: 15cm inclusion of chloritic and siliceous mafic volcanic, brecciated contacts							
		mod. ank wk tl/ch							
		tr-1% diss. py							
		793.0m: E.O.H.							

COMMENTS

26/8/96 start drilling, 2X hex core barrel
437m 2X hex off, 2X round core barrel on
14/9/96 E.O.H. at 793.0m

Total metrage in GH96-116 - 793.0m
Samples taken to 793.0m
Au Assay Sample #'s - 8088 to 8173
WRA Sample #'s - 34492 to 34498
of Whole Rock Samples - 7
of Assay Samples - 66
Total metrage sampled - 167.9m
% of total hole metrage sampled - 13.6%

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
17.00	-66.25	357.50
67.00	-66.25	364.00

HOLE No: GH96116

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
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FROM	TO	LITHOLOGICAL DESCRIPTION			SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
									Au gpt	R1	R2
		DEPTH	INCLINATION	BEARING							
		116.00	-65.25	361.00							
		167.00	-64.75	360.50							
		218.00	-64.25	360.00							
		267.00	-63.50	363.00							
		317.00	-63.00	361.00							
		368.00	-62.75	364.00							
		417.00	-62.75	361.50							
		467.00	-62.25	359.00							
		517.00	-62.25	360.50							
		567.00	-62.00								
		617.00	-61.50	365.50							
		667.00	-61.00	363.00							
		717.00	-60.25								
		767.00	-59.25	366.00							

HOLE No: GH96116

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY

HOLE No.: GH96117

Collar Eastings: 4100.00

Collar Northings: 175.00

Collar Elevation: 0.00

Grid: BTZ-PHZ MAIN

anda PQ)

Collar Inclination: -68.00

Grid Bearing: 360.00

Final Depth: 489.00 metres

Drilled: Aug 31 - Sept 12, 1996 / Logged Aug 31 - Sept 12, 1996

Logged by: F.E. Gadzala

Date: Aug 31 - Sept 12, 1996

Down-hole Survey: Sperry Sun

Contractor: Bradley Brothers Ltd (

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
0	0.1	ADDITIONAL DATA Purpose: Exploration - Test for mineralization at the -400mL at the mafic/ultramafic contact, also test for Lightning Vein Size: NQ, casing in hole and capped NTS No.: 32D/12 - Claim No.: L43072, L43078 Blacktop Main grid co-ord's: L4100E/175N Approx UTM co-ord's: 596100E/5374995N Core Storage: Holloway Minesite								
0.1	23.0	(ovk) OVERBURDEN								
23.0	139.5	(1b, loc bx'd, str ank, wk to loc mod ser) GREYWACKE green to yellowish green; fmg; 1-5% QA fracture filling and ribbons; 105.0-123.0m: RQD's 40-50%; 131.5-134.0m: 25% jasper beds with the majority (75%) between 132-133m, non-magnetic; 138.4-139.0m: occasional (1-2%) jasper beds; 139.0-140.0m: rubbly, RQD's = 0; locally brecciated; massive to wkly bedded at 40 deg TCA; str ank: 23.0-52.0m: wk ser: 52.0-80.0m: mod ser: 80.0-105.0m: str ser: 105.0-123.0m: mod ser: 123.0-128.5m: str hem. blood red and powders to red ochre; nil to trace pyrite;	10774	111.00	112.50	1.50	0.03			
			10775	112.50	114.00	1.50	0.01			
			10776	114.00	115.50	1.50	0.01			
			10777	115.50	117.00	1.50	0.01			
			10778	117.00	118.50	1.50	0.01			
			10779	118.50	120.00	1.50	0.01	0.01		
			10780	120.00	121.50	1.50	0.01	0.01		
			10781	121.50	123.00	1.50	0.01			
			10782	123.00	124.50	1.50	0.01			
			10783	124.50	126.00	1.50	0.01			
139.5	154.7	(1b, def'd, str ank & ser) DEFORMED GREYWACKE buff yellow to grayish yellow; fmg;								



BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96117

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							As	gpt	R1	R2
		str ank & ser:								
		nil - tr py:								
154.7	171.0	(hark/sst, str ank & ser) ARKOSIC SANDSTONE mottled yellow pink and grey; cg; rare cgl beds; bedded at 50 deg TCA; str ank & ser; nil - tr py:								
171.0	179.4	(16. def'd. str ank, wk-mod ser/chi/fu) DEFORMED GREYWACKE greenish grey; mcg; i/c at 30 deg TCA but rubbly; either an ultramafic source to the wacke or this unit may be an ultramafic; str ank; wk-mod ser/chi/fu; nil:								
179.4	191.7	(4. def'd. str ank, mod fu, wk calc) DEFORMED ULTRAMAFIC green and white; fcg; 187.6-190.3m: petrolithic with clasts of mafic, sed, u/m and occasional jasper shards str ank; mod fu; wk calc; tr-1% py:								
191.7	219.4	(3. shr'd. str ank, mod calc, wk patchy hem) SHEARED MAFIC VOLCANIC mottled green to black to buff grey but overall colour is green; fg; 1-5% QA veining; variably sheared at 50-10-70 deg TCA:	10784	202.50	204.00	1.50	0.01			
			10785	204.00	205.50	1.50	0.01			
			10786	205.50	207.00	1.50	0.01			
			10787	207.00	208.50	1.50	0.01			
			10788	208.50	210.00	1.50	0.01			
			10789	210.00	211.50	1.50	0.01			

HOLE No: GH96117

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96117

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
			10790	211.50	213.00	1.50	0.01			
		str ank:	10791	213.00	214.50	1.50	0.01	0.01		
		mod calc:	10792	214.50	216.00	1.50	0.01			
		wk patchy hem:	10793	216.00	217.50	1.50	0.01			
			10794	217.50	219.00	1.50	0.01			
		tr-locally 1% py:								
219.4	243.4	(5 or 1b ? shr'd, str calc & ank, wk hem)	10795	219.00	220.50	1.50	0.01			
		MAFIC INTRUSIVE or CARBONATED & SHEARED GREYWACKE ?	10796	220.50	222.00	1.50	0.01			
		mauve green & white with overall colour as green; mcg:	10797	222.00	223.50	1.50	0.01			
		strongly carbonated so as to make identification difficult:	10798	223.50	225.00	1.50	0.07			
		locally appears to have a gneissic granular texture:	10799	225.00	226.50	1.50	0.01			
		10-20% QA veining, irregular:	10800	226.50	228.00	1.50	0.01			
		243.3-243.4m: clayey gouge:	10801	228.00	229.50	1.50	0.01			
			10802	229.50	231.00	1.50	0.04	0.03	0.05	
		sheared at mainly 40 deg TCA but varies between 40-50 deg TCA:	10803	231.00	232.50	1.50	0.01			
		locally deformed:	10804	232.50	234.00	1.50	0.01			
			10805	234.00	235.50	1.50	0.01			
		str calc & ank:	10806	235.50	237.00	1.50	0.01			
		wk hem:	10807	237.00	238.50	1.50	0.01			
			10808	238.50	240.00	1.50	0.01			
		tr py:	10809	240.00	241.50	1.50	0.01			
			10810	241.50	243.00	1.50	0.01			
243.4	247.2	(1b, mod ser/ank, wk calc)	10811	243.00	244.50	1.50	0.01			
		GREYWACKE	10812	244.50	246.00	1.50	0.01			
		buff grey; fmg; not deformed and clearly a wacke:								
		245.5-247.2m: 1-5% QA veining:								
		246.0-246.2m: buff cherty QV:								
		246.9-247.2m: buff cherty QV:								
		bedded at 40 deg TCA:								
		mod ser & ank:								
		wk calc:								
		tr-1% py:								
		246.0-246.2m: 2-3% diss and fracture controlled py:								
247.2	257.5	(5 or 1b ? shr'd, str calc & ank)	10813	246.00	247.50	1.50	0.01	0.01		
		MAFIC INTRUSIVE or CARBONATED SHEARED GREYWACKE ?	10814	247.50	249.00	1.50	0.01			
		mauve grey; cg; gneissic granular texture: 1-5% QA veining:	10815	249.00	250.50	1.50	0.01			

HOLE No: GH96117

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96117

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
		shr'd at 30-60 deg TCA:							
		str calc & ank:							
		tr-1% py:							
257.5	282.8	(fb. wk-mod ank. wk ser)	10816	259.00	260.50	1.50	0.06	0.05	0.06
		GREYWACKE	10817	260.50	262.00	1.50	0.01		
		grey to buff yellowish grey: fog:	10818	262.00	263.50	1.50	0.01		
		259.3-260.0m: 10% QA veining with 1-3% fracture controlled py:	10819	263.50	265.00	1.50	0.01		
		263.5-264.1m: bubbly:	10820	265.00	266.50	1.50	0.06		
		264.1-266.7m: 5-10% QA veining:	10821	266.50	268.00	1.50	0.01		
		278.0-282.8m: 5-10% QA veining:	10822	268.00	269.50	1.50	0.01		
			10823	278.00	279.00	1.00	0.01		
		bedded at 30-45 deg TCA:	10824	279.00	280.00	1.00	0.02	0.04	0.01
		local graded beds suggest tops uphole (south):	10825	280.00	281.00	1.00	0.04		
			10826	281.00	282.00	1.00	0.04		
		wk-mod ank:							
		wk ser:							
		tr-1% py overall:							
282.8	292.0	(f. str calc. loc wk hem.	10827	282.00	283.00	1.00	0.05		
		MAFIC INTRUSIVE	10828	283.00	284.00	1.00	0.08		
		dk grey: cg: 1-5% white and pink calcite veining:							
		sheared at 10-30 deg TCA:							
		str calc:							
		loc wk patchy hem:							
		nil py:							
292.0	308.4	(f. mod to/chl/ank. loc ser)							
		ULTRAMAFIC							
		green and white: fg: brecciated:							
		296.0-297.2m: bubbly breccia:							
		mod to/chl/ank:							
		loc patches of ser:							
		tr-loc 1% py:							

HOLE No: GH96117

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96117

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
308.4	351.8	(lb & cgl. mod ank. wk patchy ser:	10829	310.00	311.50	1.50	0.03		
		GREYWACK & CONGLOMERATE	10830	311.50	313.00	1.50	0.03		
		green to buff: fog: local hetrolitic conglomerate with clasts	10831	313.00	314.50	1.50	0.01		
		up to 1cm in size:	10832	314.50	316.00	1.50	0.04		
		310.0-334.0m: 5-10% QA veining:	10833	327.00	328.50	1.50	0.04		
		345.0-347.5m: 5-10% QA veining:	10834	328.50	330.00	1.50	0.03		
		334.0-351.8m: an ultramafic component to the wacke.	10835	345.00	346.50	1.50	0.05	0.05	
		i.e. probably w/m sediment source:	10836	346.50	348.00	1.50	0.04		
			10837	348.00	349.50	1.50	0.11		
		mod ank:	10838	349.50	351.00	1.50	0.10		
		wk patchy ser:							
		334.0-351.8m: mod ser/ank:							
		tr py:							
351.8	446.7	14. str ank. mod ser. loc mod fu:	10839	351.00	352.50	1.50	0.04		
		ULTRAMAFIC	10840	352.50	354.00	1.50	0.05		
		buff yellow to grey: fog: 1-5% QA veining:	10841	354.00	355.50	1.50	0.13		
		351.8-358.5m: 10-20% QA veining:	10842	355.50	357.00	1.50	0.09		
		361.5-361.6m: 10cm QAV with 20cm graphite:	10843	357.00	358.50	1.50	0.01		
		363.1-364.0m: QAV with 30cm being graphitic/carbonaceous:	10844	358.50	360.00	1.50	0.04		
		365.8-368.7m: siliceous breccia:	10845	360.00	361.50	1.50	0.53		
		369.2-371.7m: QV. dirty white and buff. wallrock inclusions.	10846	361.50	363.00	1.50	0.06	0.06	0.04
		no sulphides except for a few blebs of cpy in a late qtz ribbon:	10847	363.00	364.50	1.50	0.03		
		417.4-417.7m: QAV with graphitic fracture filling & 10-20cm of	10848	364.50	366.00	1.50	0.15		
		graphitic and carbonaceous wallrock at o/c:	10849	366.00	367.50	1.50	0.09		
		441.1-446.7m: QAV. blotchy white to greyish white with wallrock	10850	367.50	369.00	1.50	0.36		
		inclusions and py:	10851	369.00	370.50	1.50	0.08		
			10852	370.50	372.00	1.50	0.01		
		fol'd at 20-60 deg TCA. avg 40 deg TCA:	10853	372.00	373.50	1.50	0.04		
		locally in-situ bx'd:	10854	373.50	375.00	1.50	0.07		
		391.5-409.5m: bx'd. possibly hetrolitic:	10855	375.00	376.50	1.50	0.05		
			10856	395.20	396.70	1.50	0.01		
		str ank:	10857	409.50	411.00	1.50	0.03	0.04	0.01
		mod ser:	10858	411.00	412.50	1.50	0.01		
		loc mod fu:	10859	412.50	414.00	1.50	0.01		
		409.5-414.0m: mod sil:	10860	414.00	415.50	1.50	0.01		
		438.0-441.1m: wk-mod sil:	10861	415.50	417.00	1.50	0.01		
			10862	417.00	418.50	1.50	0.01		
		tr py:	10863	418.50	420.00	1.50	0.01		
		361.6-361.6m: 5% py:	10864	438.00	439.50	1.50	0.01		
		441.1-446.7m: 1-2% py:	10865	439.50	441.00	1.50	0.04		
			10866	441.00	442.50	1.50	0.12		

HOLE No: GH96117

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96117

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
			10867	442.50	444.00	1.50	0.01			
			10868	444.00	445.50	1.50	0.01			
			10869	445.50	446.70	1.20	0.33	0.04	0.01	
446.7	489.0	(4bx, mod ank/ser)	10870	446.70	448.00	1.30	0.01			
		ULTRAMAFIC BRECCIA	10871	448.00	449.00	1.00	0.01			
		buff green: fog: metrolithic:	10872	467.50	468.50	1.00	0.01			
		474.2-475.0m: graphitic argillite bedded at 50 deg TCA:	10873	474.00	475.50	1.50	0.01			
		478.3-481.5m: greywacke bedded at 50-55 deg TCA with graded bedding indicating tops uphole (south):	10874	475.50	477.00	1.50	0.01			
			10875	477.00	478.30	1.30	0.01	0.01		
			10876	478.30	479.70	1.40	0.01			
		fold at 50-60 deg TCA:								
		mod ank/ser:								
		467.5-468.3m: mod silt:								
		tr-1% py:								
		489m: E.O.H.								

COMMENTS

31/6/96 start drilling. SK round core barrel
12/9/96 hole stopped at 489m

Total metrage in GH96-117 - 489m
Samples taken to 479.7m
Au Assay Sample N's 10774 - 10876
N of Assay Samples - 103
N of Whole Rock Samples - 3
Whole Rock Sample N's 6484 - 6486
Total metrage sampled - 149.7m

HOLE No: GH96117

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2

% of total hole metrage sampled - 30.6%

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
35.00	-66.50	359.00
55.00	-66.50	362.00
135.00	-65.75	359.00
185.00	-65.75	363.00
235.00	-65.50	362.00
285.00	-65.25	361.00
335.00	-65.00	361.00
385.00	-64.50	360.00
435.00	-63.50	361.50
485.00	-62.75	361.50

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY

HOLE No.: GH96118

Collar Eastings: 3400.00

Collar Northings: 150.00

Collar Elevation: 0.00

Grid: BTZ-PHZ MAIN

ada P21

Collar Inclination: -68.00

Grid Bearing: 0.00

Final Depth: 337.00 metres

Drilled: Aug 21-31, 1996 / Logged Aug 21-31, 1996

Logged by: R.E. Gadzala

Date: Aug 21-31, 1996

Down-hole Survey: Sperry Sun

Contractor: Bradley Brothers Ltd.

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
0	0.1	ADDITIONAL DATA Purpose: Exploration - Test for mineralization at the -400mL at the mafic/ultramafic contact Size: NQ, casing in hole and capped NTS No.: 32D/12 - Claim No.: L579595, L579594 Blacktop Main grid co-ord's: L3400E/150N Approx UTM co-ord's: 597400E/5374970N Core Storage: Holloway Minesite							
0.1	19.0	(ovb) OVERBURDEN							
19.0	66.4	(lb, loc shr'd, str ser/ank) GREYWACK earthy greenish yellow; fcg: sheared sediment that may be a combination of greywacke and conglomerate (where sheared) or just a sheared greywacke with fragments caused by the shearing; i-5% QA veining sheared up into fragments; 34.0-36.0m: pink feldspar porphyry with i/c at 40 deg TCA(11) and o/c at 15 deg TCA; 46.2-46.9m: QA brecciated; water seams at 22.7m, 43.0m, 43.7m, 54.5m, 55.5m; 36.5-61.0m: locally deformed, bedded at 70 deg TCA with top downhole (north); locally sheared - i.e. 19.0-30.5m locally deformed, most intense deformation and brecciation at 61.0-65.7m; bedded and sheared at 45-55 deg TCA; str ser/ank; trace pyrites;	10714	46.00	47.00	1.00	0.01		
66.4	73.0	(lark, str ank, wk ser, wk hem) ARKOSIC SANDSTONE buff pink; fcg: spotty magnetism;							

2.17704



BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96118

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
		wkly fol'd at 60-70 deg TCA: str ank: wk ser: wk hem: all py:							
76.0	85.6	(logl. str ank. str fol) HETROLITHIC ULTRAMAFIC CONGLOMERATE bright green to grey; spotty magnetism; clasts are mafic and ultramafic in composition within an ultramafic matrix; locally strong fuchsite altered matrix and clasts; clasts are on average between 1-3cm in size but may locally be greater than 5cm in size; clasts are rounded and are locally sheared: str ank/fu: all py:							
88.5	120.5	(l. str calc. mod ank. wk hem) GREYWACK/AROSE/MICROCONGLOMERATE a mix of sediments; reddish green; fcg matrix with local 1% clasts: bedded at 50-60 deg TCA: str calc: mod ank: wk hem: tr py:							
120.5	178.4	(logl. loc shr'd. str ank. wk calc. loc wk hem & ser) CONGLOMERATE dk green overall; f-cg matrix with average clast size 1-3cm but locally greater than 5cm; 1-5% sheared up QA veining: str ank: wk calc: 124.0-134.0m: wk hem: 166.0-178.4m: wk ser:							

HOLE No: GH96118

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96118

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
		trace to locally 1% py;								
198.4	197.8	(lb. mod ank, wk ser)	10715	189.00	190.50	1.50	0.01			
		GREYWACKE	10716	190.50	191.00	0.50	0.06	0.04	0.07	
		grey to greenish grey; f-cg; 1-3% QA veining;	10717	191.00	191.50	0.50	0.11			
		190.5-191.0m: 10% QA veining;	10718	197.00	197.80	0.80	0.01			
		locally deformed;								
		mod ank;								
		wk ser;								
		nil to loc tr py;								
197.8	203.7	(lgl. str calc & ank, wk ser)	10719	197.80	199.00	1.20	0.01			
		METROLITHIC CONGLOMERATE	10720	199.00	200.70	1.70	0.01			
		clasts of sediments, mafics and jaspers in a f-cg green matrix;	10721	200.70	202.00	1.30	0.01			
		clasts are <1 to >5cm in size;	10722	202.00	203.40	1.40	0.01			
		str calc & ank;								
		wk patchy ser;								
		tr-1% py;								
203.7	287.0	(3b. shr'd. str calc, mod ank, wk ser)	10723	203.40	203.90	0.50	0.01			
		PILLOWED MAFIC VOLCANIC	10724	221.00	221.40	0.40	0.08			
		lt-med green; fg: loc chloritic selvages; pillows 20-70cm;	10725	268.40	269.30	0.90	0.22	0.16	0.26	
		1-5% QA veining;	10726	269.30	270.30	1.00	0.19			
		203.7-205m: str changing to wk bx'n;	10727	270.30	271.70	1.40	0.21			
		221.0-221.4m: QAV, white with dk green chl ribbons;	10728	271.70	273.00	1.30	0.01			
		239.1-239.5m: pinkish white calcite vein;	10729	273.00	274.50	1.50	0.01			
		269.8-270.1m: white QCV along shearing at 45 deg TCA;	10730	274.50	276.00	1.50	0.02	0.01	0.03	
		280.0-280.8m: 60% QAV with tan mauve lx;	10731	276.00	277.50	1.50	0.07	0.06	0.07	
		280.8-282.2m: strongly varicolitic and stretched along shearing;	10732	277.50	279.00	1.50	0.03	0.01	0.04	
		282.3-283.0m: siliceous graphite with 10-20cm of just slick shiny/dirty graphite;	10733	279.00	280.00	1.00	0.09	0.08	0.09	
		283.6-285.2m: siliceous with grey to black qtz veining with white QA ribbons;	10734	280.00	281.00	1.00	0.04	0.03	0.04	
			10735	281.00	282.20	1.20	0.02	0.01	0.03	
			10736	282.20	283.50	1.30	0.63	0.66	0.65	0.57
		285.2-287.0m: 3-5% pinkish mauve lx;	10737	283.50	284.50	1.00	0.22	0.22	0.22	0.26
		285.4-285.5m: grey black QAV along shearing;	10738	284.50	285.50	1.00	0.97	1.01	0.93	0.96
			10739	285.50	287.00	1.50	0.01	0.01	0.01	
		moderately to strongly sheared at 45 deg TCA;								

HOLE No: GH96118

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GHS6118

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
		mod ank overall:							
		wk patchy ser overall:							
		263.7-263.0m: str calc:							
		263.0-270.1m: mod-wk calc:							
		270.1-287.0m: str ank, mod ser, wkly bleached to buff grey:							
		tr py:							
		282.2-283.0m: 5-10% py:							
		283.6-285.2m: 5-10% clustered and stringer pyrite:							
287.0	337	(4 <1>, str ank, mod ser, wk loc fu)	10740	287.00	288.00	1.00	0.07	0.04	0.09
		ULTRAMAFIC	10741	288.00	289.50	1.50	0.01	0.01	0.01
		yellowish grey: fog:	10742	289.50	291.00	1.50	0.05	0.01	0.09
		287.0-287.8m: micro-conglomerate/wacke with shards of argillite and jasper up to 1-2mm:	10743	291.00	292.50	1.50	0.01	0.01	0.01
		287.6-288.0m: QAV with str ser/fu and loc massive py and marcasite and minor graphite at the loc:	10744	292.50	294.00	1.50	0.03	0.01	0.04
		1-5% QA veining:	10745	294.00	295.50	1.50	0.01		
		325.0-327.5m: 50-80% QA veining:	10746	295.50	297.00	1.50	0.01		
			10747	297.00	298.00	1.00	0.01		
			10748	298.00	299.20	1.20	0.01		
			10749	299.20	300.50	1.30	0.01		
		str ank:	10750	300.50	302.00	1.50	0.01		
		mod ser:	10751	302.00	303.50	1.50	0.01		
		mod patchy sil:	10752	303.50	305.00	1.50	0.01		
		wk loc fu wisps:	10753	305.00	306.50	1.50	0.01		
		297.0-299.2m: mauve grey albite, tr py:	10754	306.50	308.00	1.50	0.01		
		302-337m: mod-str fu:	10755	308.00	309.50	1.50	0.01		
			10756	309.50	311.00	1.50	0.01		
		nil-tr py:	10757	311.00	312.50	1.50	0.10		
			10758	312.50	314.00	1.50	0.01		
			10759	314.00	315.50	1.50	0.01		
			10760	315.50	317.00	1.50	0.01		
			10761	317.00	318.50	1.50	0.01	0.01	
			10762	318.50	320.00	1.50	0.01		
			10763	320.00	321.50	1.50	0.01		
		337m: E.O.H.	10764	321.50	323.00	1.50	0.04		
			10765	323.00	324.50	1.50	0.01		
			10766	324.50	326.00	1.50	0.03		
			10767	326.00	327.50	1.50	0.01		
			10768	327.50	329.00	1.50	0.01		
			10769	329.00	330.50	1.50	0.01		
			10770	330.50	332.00	1.50	0.12		
			10771	332.00	333.50	1.50	0.04		
			10772	333.50	335.00	1.50	0.01		

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96118

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
			10773	335.00	337.00	2.00	0.01	0.01		

COMMENTS

21/8/96 start drilling. 2X round core barrel
 31/8/96 hole stopped at 337m

Total metreage in GH96-118 - 337m
 Samples taken to 337m
 Au Assay Sample Nos 10714 - 10773
 % of Whole Rock Samples - 0
 # of Assay Samples - 60
 Total metreage sampled - 72.4m
 % of total hole metreage sampled - 21.5%

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
26.00	-67.75	3.00
76.00	-67.00	2.00
126.00	-66.75	5.00
176.00	-66.00	4.00
226.00	-65.50	5.50
276.00	-65.00	5.00

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96118

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
		DEPTH INCLINATION BEARING							
		326.00 -64.50 4.00							

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY

HOLE No.: GH96119

Collar Eastings: 2860.00

Collar Northings: -31.00

Collar Elevation: 0.00

Grid: BTZ-PHZ MAIN

Contractor: Bradley Brothers Ltd (Noranda PQ)

Collar Inclination: -68.00

Grid Bearing: 0.00

Final Depth: 558.00 metres

Dates drilled: Aug 7-21, 1996

spotted using old grid at 2900E/0+253

Logged by: R.E. Gadzala

Date: Aug 7-21, 1996

Down-hole Survey: Sperry Sun

Dates logged: Aug 8-21, 1996

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							As gpt	R1	R2	R3
0	0.1	ADDITIONAL DATA Purpose: Exploration - Test for mineralization at the -400mL at the mafic/ultramafic contact Size: NG, casing in hole and capped NTS No.: 32D/13 - Claim No.: L579595 Blacktop Main grid co-ord's: L2860E/0+31S Approx UTM co-ord's: 596900E/5374795N Core Storage: Holloway Minesite								
0.1	88.1	(ovb) OVERBURDEN								
88.0	174.4	(fb, wk ser, loc mod ser/sil, wk ank) GREYWACKE greyish green; fg; non-magnetic; local silicification with blotches of a bright red mineral which may be cinnabar or possibly hematite (but incorrect streak); 90.0-129.0m: 2-5% calcitic veining with 1% QC veining; 130.3-150.4m: clayey rubble, not likely a fault but left over drill cuttings; 129.0-157.0m: 1-3% calcitic veining/infilling; 157.0-165.7m: 2-5% calcitic veining with 1% QC veining; 170.0-170.1m: Fault, bubbly gouge, bx'd at 40 deg TCA, calcitic; 170.8-174.4m: local jasper beds, main beds at 171.5-171.6m; 172.9-173.0m, 173.9-174.4m: weak (local moderate i.e. 35-45m) sericite; local moderate silicification i.e. 35-45m; 157.0-174.0m: moderate fracture controlled sericite; trace to 1% py;	10601	35.00	36.50	1.50	0.01			
			10602	36.50	38.00	1.50	0.01			
			10603	38.00	39.50	1.50	0.01			
			10604	39.50	41.00	1.50	0.01			
			10605	41.00	42.50	1.50	0.01			
			10606	42.50	44.00	1.50	0.01			
			10607	44.00	45.50	1.50	0.04			
			10608	157.00	158.50	1.50	0.01			
			10609	158.50	160.00	1.50	0.01			
			10610	160.00	161.50	1.50	0.01			
			10611	161.50	163.00	1.50	0.01			
			10612	163.00	164.50	1.50	0.01			
			10613	164.50	166.00	1.50	0.01	0.01		
			10614	166.00	167.50	1.50	0.01			
			10615	167.50	169.00	1.50	0.01	0.01		
			10616	169.00	170.50	1.50	0.01			
			10617	170.50	172.00	1.50	0.01			
			10618	172.00	173.50	1.50	0.01			
174.4	190.0	(fb, sh'd, str ser/ank, loc mod ank, wk hem & calc) SHEARED GREYWACKE earthy yellow green; fg; 186.6-188.7m: sheared feldspar porphyry, sheared at 40 deg TCA;	10619	173.50	175.00	1.50	0.01			
			10620	175.00	176.50	1.50	0.01			
			10621	176.50	178.00	1.50	0.01			
			10622	178.00	179.50	1.50	0.01			

2.17704



HOLE No: GH96119

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96119

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	B1	RC
		l/c & o/c at 40 deg TCA:	10623	179.50	181.00	1.50	0.01		
		189.7-190.0m: sheared feldspar porphyry, sheared at 40 deg TCA:	10624	181.00	182.50	1.50	0.01		
		l/c & o/c at 40 deg TCA:	10625	182.50	184.00	1.50	0.01	0.01	
			10626	184.00	185.50	1.50	0.01		
		sheared at 20-40 deg TCA with local slickensides:	10627	185.50	186.80	1.30	0.01		
			10628	186.80	187.80	1.00	0.01		
		str ser/ank overall:	10629	187.80	188.70	0.90	0.01		
		porphyries (186.8-188.7m, 189.7-190.0m) have mod ank. wk hem, wk calcs:							
		trace pyrites:							
190.0	241.8	dk. str-wk ser/ank, loc wk hem	10630	188.70	190.20	1.50	0.01		
		GREYWACKE	10631	196.50	198.00	1.50	0.01		
		yellow-grey; fg: 1% ankeritic veinlets; fracture filling:	10632	198.00	199.50	1.50	0.01		
		196.5-202.0m: 3-5% QA veining:	10633	199.50	201.00	1.50	0.01		
		197.6-197.8m: white QAV:	10634	201.00	202.50	1.50	0.01		
		240.0-242.3m: 3-5% QA veining:	10635	240.20	241.80	1.60	0.01		
		bedded at 50 deg TCA:							
		tops from graded bedding indicated downhole (north):							
		190.0-209.5m: str ser/ank:							
		209.5-218.0m: mod ser/ank:							
		218.0-241.8m: wk ser/ank:							
		225.0-241.8m: wk hem with 1% specularite as fracture filling:							
		nil py:							
241.8	245.5	(lb/cgl. shr'd. mod chl-to. wk calcs)	10636	241.80	242.50	0.70	0.01		
		SHEARED SEDIMENT							
		probably a sheared greywacke/conglomerate with an ultramafic composition and look: dk green; f-cg: clasts are greywacke that have been variably altered within a chloritic to weakly talcose matrix: clasts are up to 5cm and are sheared/brecciated and folded: 1% QA veinlets are contorted/brecciated:							
		245.5m: loc clay gouge seam:							
		shearing at 40-50 deg TCA:							
		wk calcs:							
		mod chl-to:							

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96119

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
		nil py:								
245.5	306.1	(fb/cgl, str calc, loc hem)	10637	270.00	271.00	1.00	0.01			
		DEFORMED WACKE/CONGLOMERATE	10638	271.00	272.00	1.00	0.01			
		locally sheared/brecciated and contorted wacke/conglomerate:	10639	272.00	273.00	1.00	0.01			
		hematite/calcite alteration masks the rock type locally: f-cg:	10640	273.00	274.00	1.00	0.01			
		3-5% pink calcite:	10641	274.00	275.00	1.00	0.01			
		275m+: a mix of wacke and conglomerate with deformed and	10642	275.00	276.00	1.00	0.01			
		brecciated sections noteable where hematite alteration	10643	276.00	277.00	1.00	0.01			
		is not present: jaspers and leucoxene bearing mafic clasts	10644	277.00	278.00	1.00	0.01			
		are evident along with bedding of the wacke at 35-40 deg	10645	278.00	279.00	1.00	0.01			
		TCA where not deformed: 1-5% QA veining:	10646	279.00	280.00	1.00	0.01			
		QAV's at: 287.0-287.2m, 288.9-290.0m, 296.2-297.0m:	10647	287.00	289.00	2.00	0.01	0.01		
		288.5-289.3m: rubbly:	10648	289.00	290.50	1.50	0.01			
		289.0m: FAULT, clay gouge seam:	10649	290.50	291.00	0.50	0.01			
		306.0-308.5m: 3-5% QA veining:	10650	296.00	297.50	1.50	0.01			
			10651	297.50	299.00	1.50	0.06			
		local bedding at 35-40 deg TCA where not apparently deformed:	10652	299.00	300.50	1.50	0.01			
			10653	300.50	302.00	1.50	0.09			
		strong calcitic alteration and weak hematite overall:	10654	302.00	303.50	1.50	0.05			
		269.5-272.2m: mod hem:ser, khaki green:	10655	303.50	305.00	1.50	0.05			
		272.2-275.3m: str hem, earthy red:	10656	305.00	306.50	1.50	0.01	0.01		
		295.5-306.5m: wk hem with specularite infilling fractures:	10657	306.50	308.10	1.60	0.01			
		trace pyrite:								
		272.2-272.8m: 1-3% lg diss py:								
		307.6-308.1m: 5% stringer and semi-massive pyrite in QAV:								
308.1	331.3	(fb, str ank, wk ser/calc, 1-3% py)	10658	308.10	309.00	0.90	0.09			
		GREYWACKE/MAFIC VOLCANIC ?	10659	322.50	324.00	1.50	0.01			
		this unit may possibly be a mafic volcanic: 2-4% calcitic	10660	324.00	325.50	1.50	0.04	0.07	0.01	
		fracture filling:	10661	325.50	327.00	1.50	0.01			
		green: mg: non-magnetic:	10662	327.00	328.50	1.50	0.01			
		massive to wkly fold'd at 45 deg TCA:								
		str ank:								
		wk ser:								
		wz calc:								
		1-3% pyrite mainly fracture and bedding?? controlled:								
331.3	337.6	(3a, lx, str ank, wk hem, 1-3% py)	10663	336.10	337.60	1.50	0.01			
		LEUCOXENITIC MASSIVE MAFIC VOLCANIC								

HOLE No: GH96119

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96119

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
		dk green: cg: 5% lx:							
		fol'd at 55 deg TCA:							
		str ank:							
		wk hem:							
		1-3% py:							
337.6	362.2	(3a. fol'd/shr'd, str ank, mod ser)	10664	337.60	339.00	1.40	0.01		
		FOLIATED/SHEARED MAFIC FLOWS	10665	339.00	340.30	1.30	0.01		
		buff green: fg: non-magnetic: local lx:	10666	340.30	341.60	1.30	0.01		
		340.3-346.0m: 10% QA veining:	10667	341.60	342.50	0.90	0.01		
		340.4m: 1cm clayey gouge seam at 80 deg TCA:	10668	342.50	344.00	1.50	0.01		
		351.0-356.0m: possibly pillowed sheared at 45 deg TCA:	10669	344.00	345.50	1.50	0.01		
		356.0-359.0m: amygdaloidal pillow:	10670	345.50	347.00	1.50	0.01		
		fol'd/shr'd at 60-70 deg TCA:							
		str ank:							
		mod ser:							
		tr-1% py:							
362.2	384.4	(5a. lx, fol'd, str calc)	10671	375.50	377.00	1.50	0.01		
		FOLIATED LEUCOXENITIC MASSIVE MAFIC VOLCANIC	10672	377.00	378.50	1.50	0.01		
		dk green: mcg: non-magnetic: 5-10% pinpoint to 2mm size lx:	10673	378.50	379.50	1.00	0.01		
		fol'd at avg 40 deg TCA:	10674	379.50	381.00	1.50	0.01		
		362.2-366.5m: wk ank:							
		366.5-384.4m: str perv calc:							
		nil py:							
384.4	432.4	(5b. shr'd, str ank, wk ser/calc)	10675	384.40	386.00	1.60	0.01		
		SHEARED PILLOWED MAFIC VOLCANIC	10676	386.00	387.50	1.50	0.01		
		lt green: fg: non-magnetic: 20-50cm pillows with 1-2cm	10677	387.50	389.00	1.50	0.01		
		chloritic selvages:	10678	394.70	396.00	1.30	0.01		
		384.4-389.0m & 394.5-432.2m: are mod-str sheared at 40-50 deg TCA	10679	396.00	397.20	1.20	0.01	0.01	
		and with 5-7% QA veining:	10680	409.50	411.00	1.50	0.01		
		389.0-394.5m: wkly fol'd only:	10681	411.00	412.50	1.50	0.01		
		local lx, i.e. 423.0-423.5m:	10682	412.50	414.00	1.50	0.01		

HOLE No: GH96119

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PP PERTY: GOLDEN HIGHWAY
HOLE No.: GH96119

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
			10683	422.00	423.50	1.50	0.01			
		str ank:	10684	423.50	425.00	1.50	0.01			
		wk-mod ser:	10685	425.00	426.50	1.50	0.01			
		wk calc:	10686	426.50	428.00	1.50	0.01			
			10687	428.00	429.50	1.50	0.01			
		tr-1% py:	10688	429.50	431.00	1.50	0.05			
		423.6-424.6m: 15-25%semi-massive to diss py in possible salvage:								
430.0	443.0	14. shr'd. str ank. mod ser. wk fu:	10689	431.00	432.50	1.50	0.06			
		SHEARED ULTRA MAFIC	10690	432.50	434.00	1.50	0.01			
		lt greenish grey: fng:	10691	434.00	435.50	1.50	0.01			
			10692	435.50	437.00	1.50	0.01	0.01		
		sheared and locally deformed and bx'd by QA veining (2-3%):	10693	437.00	438.50	1.50	0.01			
			10694	438.50	440.00	1.50	0.01			
		str ank:	10695	440.00	441.50	1.50	0.01			
		mod ser:	10696	441.50	443.20	1.70	0.01			
		wk fu:								
		nil py:								
443.0	447.4	1Qtz-Alb Bx:	10697	443.20	444.20	1.00	0.01			
		QUARTZ-ALBITE BRECCIA	10698	444.20	445.20	1.00	0.01			
		buff grey: aph to fg: contains sericitic u/m fragments and albite fragments:	10699	445.20	446.20	1.00	1.42			
			10700	446.20	447.20	1.00	0.03			
		brecciated with qtz infill:								
		str sil/alb:								
		445.3--446.0m: 3% py with semi massive py (15%) over 5cm at 445.5m:								
447.4	459.0	14bx. str ank/ser:	10701	447.20	448.00	0.80	0.01			
		METROLITHIC ULTRAMAFIC BRECCIA	10702	448.00	448.80	0.80	0.01			
		earthy green and grey: fng: ultramafic breccia with 1 or 3 u/m types making up the breccia then sheared at 55 deg TCA:								
		this unit is similar to the 4d u/m breccia at the Holloway Mine which is found in the LE footwall:								
		458.0-458.2m: vuggy fracture at 20 deg TCA with calcite and dolomite crystals:								
		str ank/ser:								

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96119

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	E1	E2
		nil py:							
459.5	487.3	(4. str ank. wk ser/fu)	10703	463.20	464.20	1.00	0.01		
		ULTRAMAFIC VOLCANIC	10704	464.20	465.20	1.00	0.01		
		lt greenish grey; i/c at 20 deg TCA:	10705	465.20	466.20	1.00	0.01		
		467.2-468.3m: grey, str alb with 2-4% py sharp i/c at 50 deg TCA.	10706	466.20	467.20	1.00	0.03		
		o/c sharp but irregular:	10707	467.20	468.30	1.10	1.07		
			10708	468.30	469.80	1.50	0.06		
		locally sheared and bx'd with Qz, ank. and locally chlorite infilled:	10709	469.80	471.30	1.50	0.01		
		sheared at 50 deg TCA:	10710	471.30	472.80	1.50	0.01	0.01	
			10711	472.80	474.00	1.20	0.01		
		str ank:							
		wk ser/fu:							
		465.6-468.3m: wk sil:							
		trace pyrite:							
487.8	512.7	(3b. str calc & ser. mod ank)							
		PILLOWED MAFIC VOLCANIC							
		buff yellow; fg: locally magnetic ankeritic fractures:							
		pillows are 30-50cm with slightly darker greenish yellow iron selvages with 1-2cm variolitic haloes:							
		494.5-497m: mg, rubbly, chloritic fracturing:							
		495.6m: FAULT, at 20 deg TCA. bx'd with calcitic cement:							
		508.6-509.5m: lamprophyre?, possible kimberlite?, grey, eg. micaceous, metasomatic haloes and chilled margins for 15cm either side:							
		494.5-495.0m: bx:							
		str calc:							
		str ser:							
		mod ank:							
		trace fracture controlled pyrite:							
512.7	534.0	(4. str ank. mod calc. wk ser/fu)	10712	534.00	535.50	1.50	0.01		
		ULTRAMAFIC	10713	535.50	537.00	1.50	0.01		
		grey & green; feg: ankerite bx'd:							
		534.0-534.2m: QAV:							
		str ank:							

HOLE No: GH96119

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96119

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
		mod calc;							
		wk ser/fu:							
		tr-1% py:							
		558m: E.O.H.							

COMMENTS

7/8/96 start drilling, 2X hex core barrel
 396m 2X hex core barrel off - 2X round core barrel on
 21/8/96 hole stopped at 558m - E.O.H.

Total metreage in GH96-119 - 558m
 Samples taken to 537m
 Au Assay Sample N's 10601 - to 10713
 WRA Sample N's - 34471 to 34479, 34457
 N of Whole Rock Samples - 10
 N of Assay Samples - 113
 Total metreage sampled - 153.6m
 % of total hole metreage sampled - 27.5%

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96119

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
DOWN-HOLE SURVEY DATA										
		DEPTH								
		INCLINATION								
		BEARING								
		44.00								
		-68.50								
		4.00								
		94.00								
		-68.00								
		3.00								
		144.00								
		-67.00								
		3.00								
		194.00								
		-66.50								
		3.00								
		244.00								
		-65.50								
		0.50								
		294.00								
		-65.00								
		2.00								
		344.00								
		-64.00								
		3.00								
		394.00								
		-63.00								
		3.00								
		444.00								
		-62.75								
		2.00								
		494.00								
		-62.00								
		4.00								
		544.00								
		-61.50								
		5.00								

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96129
 Collar Eastings: 1000.00
 Collar Northings: -300.00
 Collar Elevation: 0.00
 Grid: BLACKTOP
 Contractor: Bradley Bros. (Noranda P.Q.)

Collar Inclination: -76.00
 Grid Bearing: 360.00
 Final Depth: 876.50 metres
 DATES DRILLED: Feb.23 - Mar 10, 1996

Logged by: R.E. Gadzala/ S. McCann
 Date: Feb 21-Mar 10, 1996
 Down-hole Survey: Sperry Sun
 DATES LOGGED: Feb.23 - Mar 10, 1996

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au avg	ASSAYS					
								Au R1	Au R2	Au R3	Au R4	Au R5	
0	0.1	ADDITIONAL DATA Purpose: Test mineralized BTEZ 100m down dip of hole GH95-128 at -600mL. Size: NQ, casing in hole and capped NTS No.:32D/12 - Claim No.:579666 Core Storage: Holloway Lake Campsite											
0.1	22.0	(ovb) OVERBURDEN											
22.0	91.5	(1b, wk-mod ank-ser, MS 10-30) GREYWACK Lt green; fg; RQD 80-100% 83.6-84.0m: rusty QA flood veining 85.0-85.5m: rusty crosscutting QA veining 86.3-87.0m: 30% QA veining, parallel and crosscutting finely bedded at 35 deg TCA with tops uphole (south); loc wk bx'n and contorted with qtz-carb veinlets. 67.5-81.5m: contorted with bedding at 0-20 deg TCA, 3-5% QA veining, veining is contorted, parallel and crosscutting bedding 87.7-91.5m: contorted with loc 1-3% euhedral and frac cntrl'd fg py and 3% QA veining wk to loc mod sericite; wk-mod ank; overall trace to loc 0.5% fg py	6501	70.10	71.60	1.50	0.03						
			6502	71.60	73.10	1.50	0.01						
			6503	73.10	74.50	1.40	0.01						
			6504	74.50	76.20	1.70	0.01						
			6505	76.20	77.50	1.30	0.01	0.01	0.01				
			6506	77.50	79.20	1.70	0.01	0.01	0.01				
			6507	79.20	80.70	1.50	0.01						
			6508	80.70	82.30	1.60	0.01						
			6509	82.30	83.60	1.30	0.01						
			6510	83.60	85.00	1.40	0.01						
			6511	85.00	86.20	1.20	0.01						
			6512	86.20	87.10	0.90	0.01						
			6513	87.10	88.60	1.50	0.01						
			6514	88.60	90.00	1.40	0.01						
			6515	90.00	91.50	1.50	0.01						
91.5	145.0	(1cgl, wk ser-ank, jasp, MS 10-15) CONGLOMERATE-SANDSTONE Pinkish brown and changing to beige beyond 103.5m; sand matrix supporting 1-5%, essentially a sandstone with occasional clasts; sand before 103.5m is arkosic changing to quartz beyond 103.5m; clasts up to 2-4cm in size; occas jasper; RQD's >75%; 120.1-120.6m: rubbly but not a fault; 143.0-145.0m: 2-3% QA veining and bleached;	6516	91.50	92.30	0.80	0.01						
			6517	92.30	93.80	1.50	0.01						

2.17704

HOLE No: GH96129

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96129

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au avg	ASSAYS							
								Au R1	Au R2	Au R3	Au R4	Au R5			
		beyond 145m colour becomes green with earthy brown locally caused by patchy wk to mod ser; rare jasper still noted;													
		bedded at 35-40 deg TCA (locally);													
		wk ser-ank: wk-mod ser where quatz rich; rare chloritic ribbons/fracture filling;													
		trace to loc 3% fg py;													
145.0	209.7	(lb, wk patchy ser, MS 20) GREYWACKLE gradational change from preceeding micro-cgl; relatively fresh and undeformed; rare jaspers shards to about 170.0m; green to greyish green; f-cg; 195.6-195.9m: white bullish QAV, i/c at 15 deg TCA, o/c at 50 deg TCA both parallel to fol'n; wk patchy ser; trace py overall;													
209.7	239.0	(lb/lcgl, wk-str ser-ank-hem, MS 15-60) GREYWACKLE/CONGLOMERATE wacke is predominantly sericitic, greyish green to yellow in colour; f-mg; cgl is predominantly hematitic, green to pinkish red in colour; f-cg with 1-5% clasts up to 2-3cm including occasional jasper; 1-2% QA and occasional calcite veinlets; 220.0-236.3m: mainly cgl; highly variable alt'n; mod-str ser-ank with cgl wk-mod hem; 225.9-227.5m: mod-str hem; 233.8-236.2m: mod-str hem; trace py overall;													
239.0	253.0	(lb, wk-mod ser-ank, MS 10-30) GREYWACKLE this is essentially a continuation of the preceeding unit but alt'n is weaker and less deformed overall; RQD's >75%;	6518	240.50	241.50	1.00	0.01								
			6519	241.50	242.50	1.00	0.01								
			6520	242.50	243.50	1.00	0.01								
			6521	248.00	249.00	1.00	0.01								
			6522	249.00	250.00	1.00	0.07								

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au avg	ASSAYS				
								Au R1	Au R2	Au R3	Au R4	Au R5
		241.6-243.2m: contorted with 2-5% QA veining;	6523	250.00	251.10	1.10	0.01	0.01	0.01			
		247.0-249.0m: loc QA bx +/- alb;	6524	251.10	252.00	0.90	0.07					
		249.0-253.0m: increase in deformation;										
		252.8-253.0m: FAULT, rubbly bx with clay gouge;										
		fol'd at 50-60 deg TCA;										
		wk-mod ser-ank;										
		247.0-249.0m: mod-str ser-ank;										
		trace py;										
253.0	278.2	(lcgl, deformed, mod ank, MS 30-40)	6525	257.50	258.50	1.00	0.01	0.01	0.01			
		CONGLOMERATE	6526	258.50	259.50	1.00	0.01					
		greyish green to green; strongly deformed; no jasper clasts;	6527	259.50	260.50	1.00	0.01					
		clasts are mafic volc and intrusives; sections may be wacke or	6528	260.50	261.50	1.00	0.01					
		clast poor; some apparent clasts are probably just fragments of	6529	261.50	262.50	1.00	0.01					
		QA veining ripped apart by deformation; RQD's >75%;	6530	262.50	263.50	1.00	0.01					
		256.5-264.0m: 3-5% QA veining;	6531	263.50	264.50	1.00	0.01					
		269m-278.2m deformation decreases;										
		fol'n/bedding at 50 deg TCA; lower fault contact with 15 cm										
		of gouge.										
		mod ank;										
		trace py wisps and ribbons;										
278.2	285.0	(3a, mod cal, MS 40)										
		MASSIVE MAFIC VOLCANIC FLOWS										
		medium grained, green; weak local foliation at 55 degrees										
		TCA; lower contact gradational.										
		mod.pervasive cal; wk. ank.										
		trace py.										
285.0	452.3	(3a, lx, mass, cal, MS 20-40)	6532	389.40	390.40	1.00	0.01					
		MASSIVE LEUCOXENITIC MAFIC FLOWS	6533	390.40	391.90	1.50	0.10					
		medium grain; dark green; generally massive; wk. local	6534	391.90	393.20	1.30	0.01					
		foliation at 50 degrees TCA; minor <5cm bullish qtz/ank	6535	393.20	394.90	1.70	0.01	0.01	0.01			
		veinlets; strong pervasive cream colored leucoxene grains up	6536	394.90	395.90	1.00	0.01					
		to 3mm; RQD's >75%;	6537	405.30	406.30	1.00	0.01					
		319.8-324.0 DEFORMED MAFIC - non- leucoxenitic var	6538	406.30	407.80	1.50	0.01					

HOLE No: GH96129

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96129

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au avg	ASSAYS				
								Au R1	Au R2	Au R3	Au R4	Au R5
		def'd horizon; wkly bleached, tr-1% py;	6539	407.80	408.80	1.00	0.24					
		390.4-394.9 ALTERED MAFIC - bleached to a khaki color;	6540	408.80	409.80	1.00	0.01					
		fol'd; 10% qtz/cal/ank veining; s.p. ank, hematized and def'd	6541	417.00	418.50	1.50	0.01					
		between 393.6 and 394.4m, l.ser, 2-3% py;	6542	418.50	420.00	1.50	0.19					
		406.3-409.8 ALTERED MAFIC - deformed and hem interval,	6543	420.00	421.50	1.50	0.01					
		sil, m cal, ser wisps, cg and massive vuggy horizon at 408.8	6544	421.50	422.00	0.50	0.01					
		-409.8, 2% py clusters.	6545	422.00	423.00	1.00	0.01					
		417.0-422.0 ALTERED MAFIC - mod hem interval, wk.def,										
		qtz/cal veinlets common, interval has purplish hue, 1-2% py										
		and rare spec.hem.										
		mod.cal as fractures and within matrix;										
		rare sericite wisps.										
		trace py.										
452.3	457.2	(1b, m.def, m.ank, m-s.ser, MS 15-40)	6546	452.70	454.20	1.50	0.32	0.30	0.33			
		GREYWACIE	6547	454.20	455.70	1.50	0.13					
		medium to fine grained; greyish-yellow colour; mod.deformed	6548	455.70	457.20	1.50	0.01					
		and crenulated; narrow <10cm breccia at 453.9m; 5% qtz/ank										
		veinlets;										
		RQD's 80-100%;										
		m.ank, m.-s. ser										
		tr-2% py.as diss and clusters										
457.2	482.0	(1cgl, mod-str def, mod ank, patchy ser, MS20-40)	6549	457.20	458.70	1.50	0.01					
		CONGLOMERATE	6550	458.70	460.20	1.50	0.01					
		greyish green to local yellowish green; f-cg matrix with clasts	6551	460.20	461.70	1.50	0.01					
		up to 5+cm but avg 0.5-2cm;	6552	461.70	463.30	1.60	0.06					
		deformed to locally sheared i.e. 474-478m;	6553	463.30	464.80	1.50	0.07					
		clasts are varied with bleached and sericitic mafics,	6554	464.80	466.30	1.50	0.01					
		variolitic mafics, lx mafics, some cherty or albitic clasts and	6555	466.30	467.80	1.50	0.01					
		rare argillitic shards;	6556	467.80	469.40	1.60	0.01					
		RQD's 80-100%;	6557	469.40	470.50	1.10	0.01	0.01	0.01			
			6558	470.50	471.50	1.00	0.01					
		mod ank;										
		patchy mod-str ser (i.e. 469.4-482.0m);										
		local patchy to pervasive calcitic alt'n (469.2-475.5m);										

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HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au avg	ASSAYS						
								Au R1	Au R2	Au R3	Au R4	Au R5		
		trace to locally 5% py; 2-5% py generally with calcitic fracture filling and veining between 469.4-470.5m;												
482.0	506.0	(lb. mod ank, wk to loc str ser, MS 15-25)	6559	491.00	492.50	1.50	0.01							
		GREYWACKE	6560	492.50	494.00	1.50	0.01							
		grey to greyish green; f-cg; locally deformed with deformed QA veining; RQD's 90-100%;	6561	494.00	495.50	1.50	0.01							
		491.5-497.0m: 5% QA veining, crosscutting bedding at low angle;	6562	495.50	497.00	1.50	0.01							
		493.9-494.0m: FAULT, gouge & bx at 30 deg TCA, crosscutting bedding;	6563	497.00	498.00	1.00	0.01							
		locally bedded at 55-60 deg TCA;	6564	504.50	506.00	1.50	0.01							
		mod-str pervasive ank; wk ser overall, locally mod-str ser associated with veining;												
		trace to 1% py overall; locally 2-3% py associated with QA veining;												
506.0	519.6	(lcll, mod ser-ank, patchy calc, MS 15-30)	6565	506.00	507.50	1.50	0.01							
		CONGLOMERATE	6566	507.50	509.00	1.50	0.01							
		yellowish green; f-cg matrix supporting 0 to 10% clasts ranging from cg sand to 1cm, averaging 0.5cm; two-three mafic volcanic clast types, occasional argillite and rare jasper shards as at 519.2m; mod deformed; RQD's >75%;	6567	509.00	510.50	1.50	0.01							
		506.0-513.5m: 5-7% qtz-calcite veining with local py;	6568	510.50	512.00	1.50	0.01							
		mod ser-ank; patchy calcite alt'n;	6569	512.00	513.50	1.50	0.01							
		trace to 1% py, fracture controlled and diss blebs; local fractures associated with QC veining have 1-3% fg py;	6570	513.50	515.00	1.50	0.01							
			6571	515.00	516.50	1.50	0.01							
			6572	516.50	518.00	1.50	0.01							
519.6	529.8	(lb. mod-str ank, wk-mod ser, MS 15-25)	6573	524.30	525.30	1.00	0.01	0.01	0.01					
		GREYWACKE												
		yellowish grey green; fmg; moderately deformed; possible tops uphole (south) from graded bedding; 2-3% QA veining; RQD's >75%;												
		mod-str ank;												

HOLE No: GH96129

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96129

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au avg	ASSAYS						
								Au R1	Au R2	Au R3	Au R4	Au R5		
		wk-mod ser;												
		trace to 0.5% py diss blebs;												
529.8	543.7	(1b, str ser-ank, def/bx'd, MS 20-30)	6574	533.00	534.00	1.00	0.01							
		ALTERED GREYWACKE	6575	534.00	535.00	1.00	0.01	0.01	0.01					
		yellow to yellowish green; fmg; RQD 80-100%	6576	535.00	536.00	1.00	0.01							
		fol'd at avg 60 deg TCA, ranging from 55-70 deg TCA accentuated by sericite; bx'd to contorted throughout this unit;												
		str sericite-ankerite alt'n;												
		0-<0.5% py overall' essentially only a few QC veinlets carry 0-3% py;												
543.7	571.0	(1b, mod ank, mod def, MS 10-20)	6577	543.00	544.00	1.00	0.01							
		GREYWACKE	6578	544.00	545.00	1.00	0.01							
		grey; fmg; relatively fresh equivalent of preceding unit;	6579	545.00	546.00	1.00	0.01							
		RQD's >75%;	6580	546.00	547.00	1.00	0.01							
		543.3-545.7m: 2% QA veining;	6581	553.00	553.50	0.50	0.01							
		553.8-554.0m: QAV with 3--5cm halo of fg py (1-3%) along out contact;	6582	553.50	554.10	0.60	0.01							
			6583	554.10	554.50	0.40	0.01							
			6584	557.50	559.00	1.50	0.01							
		bedded at 60 deg TCA;	6585	559.00	560.50	1.50	0.01	0.01	0.01					
		mod contorted locally;	6586	568.00	569.00	1.00	0.01							
		fol'd at 55 deg to 70 deg TCA;	6587	569.00	570.00	1.00	0.01							
			6588	570.00	571.00	1.00	0.09							
		mod ank; wk ser locally;												
		568.3-571.0m: mod-str ser;												
		essentially no pyrite;												
571.0	576.5	(3a/1b, fol'd, str ank, loc wk hem & alb, MS 30-35)	6589	571.00	572.00	1.00	0.01							
		FOLIATED MAFIC/GREYWACKE	6590	572.00	573.00	1.00	0.01							
		grey green; fmg; RQD's 80-100%;												
		highly foliated at 45-55 deg TCA; locally appears "zebra striped" with feldspathic and mafic bands but decreases beyond 574.2m;												
		572.0m+: predominantly mafic;												

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96129

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au avg	ASSAYS						
								Au R1	Au R2	Au R3	Au R4	Au R5		
		str ank; wk loc hem patches, i.e. 572.5-573.8m, 575.5-576.4m; 571.0-571.6m: wk-mod alb/sil;												
		overall nil pyrite; 571.0-571.6m: 1-4% fg py;												
576.5	589.1	(3a, wk-str calc, loc ank, loc lx, MS 40-80) MASSIVE MAFIC FLOWS med green; fmg; loc flows have lx, amygdules or varioles; 580.7-580.9m & 581.7-581.9m: QCV's; RQD's >75%; wk-str calc; wk loc ank;	6591	580.00	581.00	1.00	0.07							
			6592	581.00	582.00	1.00	0.01							
			6593	582.00	583.00	1.00	0.01							
			6594	583.00	584.00	1.00	0.01							
			6595	584.00	585.00	1.00	0.01							
		0-1% py overall; local QC veining may contain minor semi-massive py clots, i.e. 581.7-581.8m, 10% semi-massive py, 1% cpy;												
589.1	592.3	(1cgl, wk-mod ank-ser-chl, MS 20-30) CONGLOMERATE hetrolithic with short wacke section; matrix os ser/chl/ank supports avg clast size of 0.5cm but range from cgs to 4cm; RQD's >75%;												
		mod fol'n at 50-60 deg TCA;												
		wk- mod ser-chl-ank;												
592.3	603.5	(3a, wk-str perv calc, MS 30-50) MASSIVE MAFIC FLOWS med-dk green; fmg; loc lx up to 5% over short sections (1-3m) 3-7% calc +/- qtz veining & fracture filling; RQD's 80-100%;												
		wk-str perv & frac controlled calc;												
		essentially nil py;												
603.5	724.0	(3b, v str calc, MS 30-50) PILLOWED MAFIC VOLCANICS green to greyish green; fg; pillows 20-70cm with chloritic selvages (0.5-1.0cm); 3-7% calc +/- qtz veining and fracture												

HOLE No: GH96129

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96129

Page

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au avg	ASSAYS						
								Au R1	Au R2	Au R3	Au R4	Au R5		
		filling; occasional v fg lx and calcitic varioles or calcitic spotting/blemishes; this section essentially continues into the preceeding unit which has better developed lx; RQD's >75%;												
		657+ : colour predominantly greyish green, increase in fol'n at 45-55 deg TCA, increase in alteration;												
		677.0-682.5m: mod def'n with 2-3% calcite-qtz- +/- feldspar veining;												
		722-724m increase in deformation;												
		selvages and a wk foliation at 45-60 deg TCA (avg 55);												
		v str pervasive calc;												
		657+ : wk sericite along fol'n and micro-fault/folding planes which crosscut fol'n at 45 deg and at 70-80 deg TCA, increase to wk-mod patchy ank as calc decreases by 670m;												
		0-0.5% py; rare cpy blebs within calcitic veinlets; py usually near/within selvages and associated fractures with chlorite or calcite;												
724.0	736.3	(3b, def, str ank, wk to loc mod ser, MS 30)	6596	724.00	725.50	1.50	0.01	0.01	0.01					
		DEFORMED/SHEARED PILLOWED MAFICS	6597	725.50	727.00	1.50	0.01							
		lt & med green; fg; deformed and fol'd at 45-70 deg TCA;	6598	727.00	728.50	1.50	0.01							
		selvages along fol'n, are chloritic and darker green;	6599	728.50	730.00	1.50	0.01							
		2-5% qtz-alb and mn calc veining with no sulphides;	6600	730.00	731.50	1.50	0.01							
		wkly variolitic; RQD's 80-100%;	6601	731.50	733.00	1.50	0.01							
		724-724.5m: 20% qtz-alb-calc veining with no sulphides;	6602	733.00	734.50	1.50	0.01							
		1-3% lx;	6603	734.50	736.00	1.50	0.01							
		str ank;												
		wk ser (mod locally);												
		733.4-736.3m: mod perv hem;												
		tr py;												
736.3	738.4	(3d, str ank, mod to loc str hem, wk ser, MS 35-40)	6604	736.00	737.00	1.00	0.01							
		HYALOCLASTITE, HEMATITIC												
		beige to greenish purple; fmg; variolitic; RQD's 100%;												
		str ank;												
		mod to locally str perv hem;												

HOLE No: GH96129

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96129

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au avg	ASSAYS						
								Au R1	Au R2	Au R3	Au R4	Au R5		
		wk ser;												
		overall <1% py;												
		736.3-738.4m: 1-3% fg diss & frac cntrl'd py;												
738.4	743.5	(3b, def, str ank, wk-mod ser, MS 35-45)	6605	737.00	738.50	1.50	0.10							
		DEFORMED PILLOWED MAFICS	6606	738.50	740.00	1.50	0.01							
		beige grey to greyish green; fg; possibly variolitic; local	6607	740.00	741.50	1.50	0.01	0.01	0.01					
		hyaloclastite near selvages which are mod chloritic;	6608	741.50	743.00	1.50	0.13							
		where sheared or not contorted the selvages/fol'n are at												
		45-50 deg TCA; 5-7% qtz alb veinlets; RQD's >75%;												
		str ank;												
		wk-mod ser;												
		tr py;												
743.5	765.8	(3d, def, var, mod-str hem & qtz-felds MS 25-70)	6609	743.00	744.50	1.50	0.01							
		HYALOCLASTITE, HEMATITIC	6610	744.50	746.00	1.50	0.01							
		creamy beige & purple; hyaloclastic fragments from glass to	6611	746.00	747.50	1.50	0.01							
		2-4cm in size; variolitic; deformed; fol'd at 15-60 deg TCA;	6612	747.50	749.00	1.50	0.01							
		RQD's >75%;	6613	749.00	750.50	1.50	0.01							
		mod-str hem i.e. 755-756.5m: str hem;	6614	750.50	752.00	1.50	0.01							
		mod-str qtz-feldspar, not productive looking i.e. too much	6615	752.00	753.50	1.50	0.07							
		hem and feldspar may be plagioclase/microcline/orthoclase, not	6616	753.50	755.00	1.50	0.10							
		much alb and a creamy white to loc pinkish white;	6617	755.00	756.50	1.50	0.01							
			6618	756.50	758.00	1.50	0.07							
			6619	758.00	759.50	1.50	0.17							
		tr to locally 2X fracture controlled fg py;	6620	759.50	761.00	1.50	0.01							
		possibly rare arsenopyrite specks;	6621	761.00	762.50	1.50	0.01							
			6622	762.50	764.00	1.50	0.01							
			6623	764.00	765.50	1.50	0.01							
765.8	777.6	(4 kom dykes, l>, n-s fu, s ank, wk-s ser, MS 20-60)	6624	765.50	766.00	0.50	0.07							
		FUCHSITIC ULTRAMAFIC, LOC KOM DYKES/SERDS	6625	766.00	767.50	1.50	0.01							
		tan to green; f-cg; sheared and appearing conglomeratic or	6626	767.50	769.00	1.50	0.01							
		brecciated with 3 clast types (mafic or komatiitic, sil/alb,	6627	769.00	770.00	1.00	0.01							
		and U/M; tan to lt green komatiitic dykes with fu spotting are	6628	770.00	771.50	1.50	0.01							
		noted throughout; i/c is at 20 deg TCA, is subparallel to fol'n	6629	771.50	773.00	1.50	0.01							
		and may be sheared;	6630	773.00	774.50	1.50	0.01	0.01	0.01					
		770.0-777.0m: 10-15% QA and albite veining with occasional	6631	774.50	776.00	1.50	0.01							
		veining having a dusting of py or py filling fractures	6632	776.00	777.50	1.50	0.01	0.01	0.01					
		associated with it;												

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96129

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au avg	ASSAYS							
								Au R1	Au R2	Au R3	Au R4	Au R5			
		locally deformed and boudinaging of QA veinlets is noted; fol'n at 35-45 deg TCA;													
		str ank; mod-str fu; wk-str ser;													
		tr to locally 2-4% fg diss and fracture filling py, generally assoc'd with veining;													
777.6	833.7	(1b, str ser-ank, MS 10-40)	6633	777.50	778.00	0.50	0.01								
		GREYWACKE	6634	778.00	779.50	1.50	0.01								
		tan to yellowish green; f-mg; 1-3% QA veining & fracture filling; RQD's >75%; avg MS is 20;	6635	779.50	781.00	1.50	0.07								
		817.0-833.7m: local bx & slight greyish (wk graphite ?) and fuchsitic green hue;													
		bedded at average 40-45 deg TCA but ranges between 30-55; locally crenulated to deformed;													
		str ser-ank;													
		0-tr py; 784.9-785.0m: 2-4% fg py with ank-alb;													
833.7	840.2	(3a, lx, str ank, str ser changing to wk ser, MS 20-30)	6636	833.00	834.00	1.00	0.01								
		MASSIVE, LX, MAFIC VOLCANIC	6637	834.00	835.00	1.00	0.21								
		yellowish grey to green, fmg; colour changes from tan yellow to grey to green as ser alt'n decreases; leucoxenes (1-4%) become more evident as ser decreases;	6638	835.00	836.50	1.50	0.01								
			6639	836.50	838.00	1.50	0.01								
			6640	838.00	839.50	1.50	0.01								
		833.7-834.1m: graphitic bands/wisps, contorted & locally bx'd; 834.4-834.5m: bx'd QA + graphite vein;	6641	839.50	840.20	0.70	0.01	0.01							
		str ank; str changing to wk ser;													
		fol'd at 45 deg TCA;													
		nil to tr py;													

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96129

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au avg	ASSAYS				
								Au R1	Au R2	Au R3	Au R4	Au R5
840.2	844.8	(GRAPHITIC QA BX, str sil, mod ank-ser, MS 5-20)) GRAPHITIC QTZ-ANK BX grey; fmg; qtz-ank bx with mainly mafic but minor U/M clasts; multiply bx'd with earlier qtz being blackish grey and cherty, greyish QA veining to local (840.9-841.1m) brownish possibly dravitic qtz veining to late bullish white QA veining; similar to QA bx intersected in GH92-75W2 (PHZ) but slightly less intense; 844.3-844.5m: FAULT, rubbly, graphitic gouge & bx at 45 deg TCA; str sil; mod ank-ser; 2-5% diss & fracture controlled fg & euhedral pyrite, locally semi-massive;	6642	840.20	841.20	1.00	1.55	1.39	1.75	1.51		
			6643	841.20	842.20	1.00	1.56	1.36	1.32	1.40	1.78	1.92
			6644	842.20	843.20	1.00	10.31	9.02	11.01	10.90		
			6645	843.20	844.20	1.00	24.08	20.71	25.47	26.06		
			6646	844.20	844.80	0.60	0.36	0.31	0.41			
844.8	864.6	(4, bx, str ser-ank, loc fu, MS 20-30) ALT'D, BX'D U/M grey to earthy yellow brown; f-cg; sericite & ankerite appear to be the main constituents with ankerite matrix around sericitic clasts and where strongly fol'd/sheared they are 50-50; 1-2% QA veining; RQD's .75%; 855.6-855.7m: Fault ?, or shear parallel to fol'n, at 15-25 deg TCA with minor QA and calcite veining, slickensides at 20 deg to the long axis of the fracture face and a later set crosscutting at 80 deg to the long axis of the fracture face (avg 20 deg TCA); bx'd to locally fol'd/sheared; str ser-ank; local fuchsite and wisps of graphite (rare) ie 855.8-855.9m; nil to tr py;	6647	844.80	846.00	1.20	0.07					
			6648	846.00	847.00	1.00	0.01					
			6649	856.00	857.50	1.50	0.01					
			6650	857.50	859.00	1.50	0.01					
			6651	859.00	860.00	1.00	0.01					
864.6	876.5	(3a, str calc, MS 20-40) MASSIVE MAFIC VOLCANIC lt green; mcg; soft; possibly a komatiitic basalt; RQD's >75%; 3-7% calcitic fractures and wispy veinlets; 1-3% chloritic fractures;										

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96129

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au avg	ASSAYS											
								Au R1	Au R2	Au R3	Au R4	Au R5							
		str calc;																	
		nil py overall;																	
		876.5m - EOH.																	
		COMMENTS																	
		Moved drill on site 19/2/96																	
		Set up and lay out 980m of water line problems with hydraulics																	
		Start drilling 21/2/96 using 2x hex core barrel																	
		22m ovb, test at 27m -75/358																	
		54m in wackes, PM 23/2/96																	
		87.5m in wackes, PM 24/2/96																	
		97m in cgl, AM 25/2/96																	
		110m in cgl PM 25/2/96 --- not impressive production!!!																	
		140.5m in cgl/ss AM 26/2/96 --- new crew																	
		Requested metric rods as both crews screwing up block																	
		metreages																	
		175.7m PM 26/2/96 when drillers came to call for foreman																	
		- engine losing power and making strange clunking noises,																	
		replace engine																	
		243.5m AM 28/2/96 in wacke																	
		270.2m PM 28/2/96 in cgl																	
		295.7m PM 28/2/96 switch to round core barrel with short-shell																	
		in mafic volcanics.																	
		315m AM 29/2/96 in lx flows																	
		365m PM 29/2/96 hole has steepened - will miss target by																	
		>80m!																	
		402m AM 01/03/96 hole steepened further!																	
		414m step bit put on to help hole climb																	
		486m PM 2/3/96 in seds																	
		515m test with step bit has come up 2 degrees and only deviated																	
		1 degree																	
		bit changed to regular bit																	
		526m AM 3/3/96 in wacke,																	
		548m PM 3/3/96 in wacke																	
		565 test -66.5/325																	
		574m AM 4/3/96 in fol'd wacke																	
		613m PM 4/3/96 in massive mafic																	

HOLE No: GH96129

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96129

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au avg	ASSAYS						
								Au R1	Au R2	Au R3	Au R4	Au R5		
		657m AM 5/3/96 in pill'd mafics												
		665m test -65/331												
		678m at 2PM 5/3/96 -in pill'd mafics slightly alt'd												
		715m test -65/331												
		721m AM 6/3/96 in pill'd mafics - ominously similar to that in the bottom of hole GH92-65(x)												
		748m PM 6/3/96 in hem alt'd hyaloclastite												
		752.5m AM 7/3/96 in hem alt'd hyaloclastite												
		mechanical problems i.e. wireline snapped with core tube in the hole - went fishing, replaced tower cable for rods												
		761m PM 7/3/96 in hem alt'd hyaloclastite												
		765m test -64/332												
		778m AM8/3/96 in alt'd U/M												
		snapped wireline again - pull rods												
		804m AM 9/3/96 in ser greywacke												
		815m test -62/331												
		860m AM 10/3/96 in U/M												
		865m test -61/331												
		876.5m EOH in (kom) basalt												
		Sample #'s - 6501 -6651												
		# of Samples - 151												
		Total metreage sampled -190m												
		% of total hole metreage sampled - 21.7%												

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
27.00	-75.00	358.00
65.00	-74.50	356.00
115.00	-74.25	355.00
165.00	-73.00	
215.00	-71.25	346.00

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96129

FROM	TO	LITHOLOGICAL DESCRIPTION			SAMPLE No.	FROM	TO	WIDTH	Au avg	ASSAYS				
										Au R1	Au R2	Au R3	Au R4	Au R5
		DEPTH	INCLINATION	BEARING										
		265.00	-71.00	343.00										
		315.00	-70.25	341.00										
		365.00	-70.50	341.00										
		402.00	-71.00	342.00										
		464.00	-70.00	333.00										
		515.00	-68.00	332.00										
		565.00	-66.50	325.00										
		615.00	-66.00	330.00										
		665.00	-65.00	331.00										
		715.00	-65.00	331.00										
		765.00	-64.00	332.00										
		815.00	-62.00	331.00										
		865.00	-61.00	331.00										

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY

HOLE No.: GH96130

Collar Eastings: 1800.00

Collar Northings: -440.00

Collar Elevation: 0.00

Grid: BLACKTOP

Contractor: Bradley Bros. (Noranda P.Q.)

Collar Inclination: -68.00

Grid Bearing: 360.00

Final Depth: 237.00 metres

DATES DRILLED: Mar 18 -24, 1996

2 wedges to steepen - no go - abandoned hole

Logged by: R.E. Gadzala

Date: Mar 18-24, 1996

Down-hole Survey: Sperry Sun

DATES LOGGED: Mar 19 -24, 1996

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au Avg	R1	R2
0	0.1	ADDITIONAL DATA Purpose: Test mineralized PHZ 150m west of GH92-75W2 at -650-700mL. Size: NQ, casing in hole and capped NTS No.:32D/12 - Claim No.:579661 Core Storage: Holloway Lake Campsite							
0.1	55.5	(ovb) OVERBURDEN							
55.5	237.0	(1b, mod ank, MS 15) GREYWACKE greyish green; fmg; RQD >75%; MS locally varies to 40; non-magnetic;	6652	117.00	118.50	1.50	0.01		
			6653	118.50	120.00	1.50	0.01		
			6654	130.00	131.00	1.00	0.01		
			6655	131.00	132.00	1.00	0.01		
		bedded at 25-35 deg TCA with tops uphole (south), bedding gradually changes to 50-60 deg TCA by 100m then sharply changing beyond 119.5m to 10-30 deg TCA - possible flexure point; 2-4% calc fracture filling and ribbons; bedding returns to 40-60 deg TCA by 135m; 89.8-90.1m: in-situ bx at 30 deg TCA with calcitic cement; 117.6-117.8m: QC flooding along bedding at 50 deg TCA with mnr ser and 1-3% fg py; 119.3-119.5m: white & lt buff green QCV at 80 deg TCA with 1-5cm ser and 1-4%fg py halo; 130.5m-130.6m: in-situ bx, crumbly with calcite along fractures; 130.7-130.8m: white & pinkish white QCV infilling a bx; 131.5m: fracture at 15 deg TCA parallel to bedding with mnr ser alt'n & 1-3% fg py; 133/0-134.8m: FAULT, 30cm gouge, calcitic; 143.4-143.5m: local bx and rubblely; 150.7-150.8m: mnr QC with 1-4% fg py; 158.0-161.5m: 5% QC veining; 165.8-167.4m: porous calcitic veining at low angle TCA; 169.0-172.0m: 5% QC veining; 197.8-198.0m: possible shear or fault with chlorite and mnr							

HOLE No: GH96130



HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96130

Page :

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au	R1	R2	R3
		gouge along bedding (40 deg TCA); bullish white and pink QCV's at: 211.2-211.6m & 217.0-217.4m, veins are irregular, no sulphides, may be related to the fault at 211.6m; 211.6-212.0m: FAULT, strongly deformed zone with calcitic infilling and micro bx'n at 30-35 deg TCA subparallel to bedding; mod perv ank; tr py; hole flattening too much - stop the hole to set wedge 1 wedge 1 cut with bit - unknown deflection - set another wedge (2) - re-drilling same wackes 237m - stopped initial hole; core boxes labelled GH96-130 W1 hole abandoned at 200m; core boxes labelled GH96-130W1 W2 hole abandoned at 210m; core labelled GH96-130W2 W2 - this is deepest accessible hole attempt.								

COMMENTS

Moved drill on site 11/3/96 - set up
 Start drilling 18/3/96 using 2x hex core barrel
 55.5m ovb, test at 60m --68.5/355
 72m in wackes, PM 19/3/96
 110m, test -66.5/354
 132m in wackes, AM 20/3/96
 test at 160m az wrong dip appears correct - no mag in hole
 test at 186m az still wrong - ss rods getting stuck on bit
 problem corrected
 210m test at -59/353
 AM 21/3/96 at 222m
 test at 237m at -58/353
 retake test at 186m at -63.5/355
 stop hole because of excessive flattening
 pull up to 180m set wedge to steepen hole
 End this attempt at 237m

HOLE No: GH96130

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96130

 FROM TO LITHOLOGICAL DESCRIPTION SAMPLE No. FROM TO WIDTH ASSAYS Au Avg R1 R2 R3

PM 22/3/96 start wedge 1, top of wedge at 174m,
 first core at 177m
 PM 22/3/96 - AM 23/3/96 at 200m re-entering the hole
 bit cutting the wedge - deflection in unknown direction
 End this attempt - pull up, set top of wedge 2 at 165m
 first core at 168m, test at 180m -65/358
 excessive flattening after the wedge -61.5/354 at 209m
 Abandoned the hole at 210m
 210m - last/deepest accessible point in this hole
 To restart new hole at steeper collar dip

Location of the ends of each attempt are:
 (m) dip/az E N elev
 237m -58/353 1790.98 -340.98 -214.70
 200m -62.5/356 1793.47 -360.13 -183.12
 210m -61.5/354 1793.45 -355.84 -192.16

Cummulative metreage in GH96-130 - 357m

Samples taken to 237m - no samples taken below 132m
 Sample R's - 6652 - 6655
 R of Samples - 4
 Total metreage sampled - 5m
 % of total hole metreage sampled - 1.4%
 next sample R - 6656

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
60.00	-68.50	355.00
110.00	-66.50	354.00
160.00	-64.00	

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96130

Page

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	R1	R2	R3
		DEPTH								
		INCLINATION								
		BEARING								
		186.00								
		-63.50								
		355.00								
		210.00								
		-59.00								
		353.00								
		235.00								
		-58.00								
		353.00								

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96131
 Collar Eastings: 1800.00
 Collar Northings: -440.00
 Collar Elevation: 0.00
 Grid: BLACKTOP
 Contractor: Bradley Bros. (Noranda P.Q.)

Collar Inclination: -75.00
 Grid Bearing: 360.00
 Final Depth: 1141.70 metres
 DATES DRILLED: Mar 24 - Apr 23, 1996

Logged by: R.E. Gadzala
 Date: Mar 24 -Apr 23, 1996
 Down-hole Survey: Sperry Sun
 DATES LOGGED: Mar 24 - Apr 23, 1996

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au Avg	R1	R2
0	0.1	ADDITIONAL DATA Purpose: Test mineralized PHZ 150m west of GH92-75W2 at -700mL. Size: NQ, casing in hole and capped NTS No.:32D/12 - Claim No.:579661 Core Storage: Holloway Lake Campsite							
0.1	52.0	(ovb) OVERBURDEN							
52.0	60.5	(3?, fol'd. str calc. wk ser. MS 40) FOLIATED MAFIC ? grey-green; fg; possibly pillowed; foliated at 35 deg TCA; blends with following wacke in appearance locally and may be a mixed zone or digested wackes in mafic; str calc; wk ser; trace to loc 1% py;							
55.5	237.0	(1b, mod ank, wk ser, MS 15) GREYWACKE greenish grey; fmg; RQD >75%; MS locally varies 10 to 40; non-magnetic; local brecciation; 121-137m: RQD's 50-75% while elsewhere average is >75%; 170.0-171.0m: rubblely; 206.6-208.0m: rubblely, fault? 207.2-207.5m: pink calcitic flooding with 2-4% py; 230.1-230.5m: QCV 242.4-242.6m: QCV, brecciated contacts at 80-90 deg TCA; 342.0-345.0m: local QC filled in situ bx'n; 344.3-344.5m: QCV, i/c 50, o/c 30 deg TCA subparallel to bedding 376.5m+: wk local def'n-wk bedding controlled ser and QC veining; 380.3-380.4m: QCV, i/c 60 (x), o/c 80 sub parallel to bedding; mainly massive wacke with sections of finely laminated beds at 40-60 deg TCA with tops uphole (south) at the top of							

2.17704

R. Gadzala
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	R1	R2	R3
		the hole, and indeterminant between about 100-200m then has tops down hole after 200m. no good bedding for top determination until about 370m where tops appear to be south (up hole); bedding changes at 124.5m to 10-30 deg TCA with folding; bedding gradually returning to 20-40 deg TCA beyond 136m and to 50-60 deg TCA by 350m, 40-50 by 390m;								
		mod perv ank;								
		136.5m: wk sericite along bedding and preferentially altering finer grained sed's;								
		chlorite increases over 15-20m before o/c at 402.8m;								
		394.0-402.8m: wk-mod fracture and bedding controlled sericite;								
		tr py to 136.5m;								
		136.5m+: local 1-4% diss py (i.e. 150-153m) and wispy beds (1-10cm), i.e. 141.5m, 145.3m;								
237.0	469.5	(1 cgl/ark, str ank, loc wk-mod ser-chl-ep, MS 15-20)	6656	416.00	417.00	1.00	0.01			
		CONGLOMERATE AND ARKOSIC SANDSTONE	6657	417.00	418.00	1.00	0.01			
		beige to yellowish green; fine micro-conglomerate to coarse conglomerate with clasts up to 3-5cm and locally arkosic sandstone; jasper bearing cgl; 1-2% QC-QA veining;	6658	418.00	419.00	1.00	0.01			
		419.0-420.3m: arkosic sandstone;	6659	419.00	420.00	1.00	0.01			
		419.0-419.3m: 30 % QV'ing;								
		occasional veining appears to have associated epidote;								
		427.2-444.5m: dk reddish brown to black hem alt'n masking clasts;								
		444.5-450.0m: fol'd at avg 55 deg TCA, 3-5% calc-alb veinlets and vuggy hematized and epidotized calc veinlets. MS builds from 20 to the core of the alt'n between 433-437m where MS is up to 5000 then decreases to 40-200 by 450m;								
		450.0-457.0m: MS 40-6500;								
		strong ankerite;								
		402.8-408.0m: mod ser;								
		local wk-mod chl-ep;								
		427.2-444.5m: str pervasive hem & calc;								
		444.5-457.0m: wk to loc mod hem-calc;								
		457.0-469.5m: mod-str ser. str ank;								
		465.9-469.5m: str fu;								
		tr to locally 1-2% py and rare py beds;								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au Avg	R1	R2
469.5	495.8	(1f, mod-str ank, mod ser, MS 10) SERICITIC QUARTZITE/SANDSTONE beige; mg; mainly quartz; 474.6-474.9m: QAV with massive (2x5cm) chalcopryrite and minor pyrite clot; 474.9-475.0m: rubbly; massive; wk insitu bx'n with ser trace pyrite overall;	6660	473.00	474.00	1.00	0.03		
			6661	474.00	475.00	1.00	1.17		
			6662	475.00	476.00	1.00	0.07		
495.8	520.0	(1b, str ser-ank, MS 20) SERICITIC GREYWACKE yellow; f-cg; bedded at 50-70 deg TCA (avg 60) with tops up hole (south) from graded bedding; bedding from laminae to wacke beds up to several 10's of cms; wk loc contorted bedding str ser-ank; 498.0-510.0m: mod ser; nil to loc trace pyrite; 495.8-496.0m: 1-2X fg diss pyrite;							
520.0	544.5	(1 cgl, mod-str ank, loc ser/calc/hem, MS 20-60) METROLITHIC CONGLOMERATE green with local yellow clasts and mottling; matrix supported matrix f-cg with clasts ranging from <0.5-5+cm in size but avg 0.5-1.5cm; clasts are a variety of mafics both alt'd (ser/hem) and fresh as well as lx bearing clasts and possibly rare sediments such as argillite; bedded at 55-70 deg TCA but avg 60; mod-str ank; 521.5-527.0m: mod ser & wk patchy hem; 527.5-536.0m: str calc in matrix; trace py overall but rare py clasts or wispy beds are noted; rare specular hem i.e. 524m;	6663	543.00	544.00	1.00	0.03		
544.5	565.0	(3c, wk-mod ser-bl, MS 15-25)	6664	544.00	545.00	1.00	0.03		

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au	R1	R2	R3
		MAFIC VOLCANIC FLOW BRECCIA	6665	545.00	546.00	1.00	0.01			
		tan & green; fmg; brecciated;	6666	546.00	547.00	1.00	0.01			
		544.5m: 1.5cm mauve grey albitic bed with fol'n/bedding	6667	547.00	548.00	1.00	0.01			
		controlled diss euhedral pyrite; 1-3% QC veining & fracture	6668	554.00	555.00	1.00	0.01	0.01		
		infilling;	6669	555.00	556.00	1.00	0.01			
		548-549m: rubbly;	6670	556.00	557.00	1.00	0.01	0.01		
		546-549m: subparallel TCA fractures;	6671	557.00	558.00	1.00	0.01			
		558.2-558.8m: seven 1-3cm bands of mauve coloured wk albite and	6672	558.00	559.00	1.00	0.07			
		3-7% fg diss py;	6673	559.00	560.00	1.00	0.01			
		559.0-561.4m: about 5% white to locally grey qtz-alb veining;	6674	560.00	561.00	1.00	0.10			
		561.4-562.8m: HYALOCLASTITE, MS 40;	6675	561.00	562.00	1.00	0.38			
		wk-mod patchy sericite;	6676	562.00	563.00	1.00	0.62			
		local bleaching;	6677	563.00	564.00	1.00	0.55			
		561.4-562.8m: mod-str hem;	6678	564.00	565.00	1.00	0.51			
		562.8-565.3m: wk hem, wk to loc mod white to grey alb;								
		trace pyrite;								
		loc py up to 5% py;								
		561.4-562.8m: 1-2% fg diss py;								
		562.8-565.0m: 3-5% fg diss & fracture controlled clusters of py:								
565.0	579.1	(3a, lx, str calc, MS 35)	6679	565.00	566.00	1.00	0.01			
		MASSIVE LEUCOXENITIC MAFIC VOLCANIC	6680	566.00	567.00	1.00	0.01	0.01		
		greenish grey; fg; 1-5% fg lx; 3-5% calcitic fracture filling								
		with rare hem blotches;								
		575.0-576.2m: amygdules of calcite +/- hem;								
		o/c at 579.1m at 80 deg TCA crosscutting (X);								
		wk fol'n at 60 deg TCA;								
		str calc;								
		tr py;								
579.1	588.7	(3b, str calc, MS 35-45)								
		PILLOWED MAFIC VOLCANIC								
		green; fg; pillows 10-60cm in size with mod-str chloritic								
		selvages of an avg 1cm but locally up to 10cm in size;								
		5-7% calcitic (+/- qtz) fracture filling;								
		o/c at 588.7m at 40 deg TCA;								

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							Au Avg	R1	R2	R3
		wkly fol'd at 50-60 deg TCA; str calc; <1% fracture controlled py, usually within or near selvages;								
588.7	598.7	(3a, lx, str calc, MS 40-55) MASSIVE LEUCOXENITIC MAFIC VOLCANIC med green; fg; 4-7% fg lx; 5-10% calcitic fracture filling; str calc; < 1% fracture controlled py;								
598.7	631.9	(3b, mod ank, wk calc, MS 40-50) PILLOWED MAFIC VOLCANIC greyish green; fg; pillows 30-70cm with wk chl and loc bleaching, lx and calcitic qtz infilling; 10% calcitic banding and fracture infilling; rare varioles near selvages; 602.3-602.8m: white fractured QCV with 0.5% fracture controlled fg py; selvages are at low angle TCA; 618.5m: 10cm vuggy calcite with minor qtz; 621.0-625.0m: rubbly with minor gouge at 622m; o/c at 55-80 deg TCA - QCV; mod ank; wk fracture controlled calc, wk patchy ser; trace py overall with local selvages containing 0.5-1% fg fracture controlled py;	6681	601.70	602.20	0.50	0.01			
			6682	602.20	603.00	0.80	3.09			
			6683	603.00	604.00	1.00	0.24			
			6684	604.00	604.60	0.60	1.95			
631.9	648.2	(3b, var, sheared, mod-str ank, loc wispy hem, MS 40-60) VARIOLITIC PILLOWED MAFIC VOLCANIC green with beige mottling; f-cg; variolitic with varioles stretched and fragmented along fol'n; 1% qtz-ank veinlets with rare alb; o/c at 50 deg TCA; chloritic with mod-str ank; loc wispy hem; < 0.5% py overall with local veinlets containing 1% py and/or wisps of 1-3% py								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	R1	R2	R3
648.2	651.0	(4, mod-str ank-ser, MS 25-40) ULTRAMAFIC greyish green & white; mg; local bx'n with ank+/- qtz infill; 30-50% ankerite; o/c has QA veinlet; fol'd at 40-50 deg TCA; mod-str ank-ser; nil py;								
651.0	660.4	(1b, mod ser-ank, MS 15-30) GREYWACKLE yellowish grey to grey; fmg; 2-4% graphitic fracture coatings; 1-4% ank & qtz/ank veining; 658.3-658.6m: QAV with wisps of sericitic wallrock, mnr graphite and trace py along fractures; 659.0-660.4m: graphitic fracture filling/coatings increase towards the contact; o/c at 90 deg TCA with a 3cm graphitic qtz-ank bx veinlet; mod ser-ank; <0.5% py overall with local ank-graphite veinlets containing 1-2cm py haloes of 1-2%;	6685	657.00	658.00	1.00	0.10			
			6686	658.00	659.00	1.00	0.25			
			6687	659.00	660.00	1.00	0.22			
660.4	668.8	(4, bx, str ank, mod-str ser, MS 20-35) ULTRAMAFIC earthy yellow green & grey; mcg; locally bx'd; 30-50% ank; occasional QA veining; 668.3-668.8m: zone with 20% QA veinlets with 1-2% py which separates the preceding U/M with the following tc-chl U/M, looks like a possible mafic, also a few graphitic slickensided slips; fol'd at 40-55 deg TCA, avg 40-45; str ank; mod-str ser; nil py;	6688	660.00	660.50	0.50	0.01			
			6689	660.50	662.00	1.50	0.01			
			6690	662.00	663.50	1.50	0.01			
			6691	667.80	668.30	0.50	0.01			
			6692	668.30	668.80	0.50	0.01			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	R1	R2	R3
668.8	708.0	(4bx, str tc-chl-ank, wk-mod patchy ser. MS 30-45) TALC-CHLORITE ULTRAMAFIC earthy green, white and dark green; f-cg; betrolithic bx with at least 4 clast types including spinifex clasts (671-672m); str tc-chl-ank; wk-mod patchy ser; possible magnesite locally; overall trace to nil py;	6693 6694	668.80 706.50	669.30 708.00	0.50 1.50	0.01 0.01			
708.0	713.8	(3a, lx, mod ank, MS 30-50) MASSIVE LEUCOXENITIC MAFIC VOLCANIC green; fmg; 2-5% qtz-feldspar-calcite veining rarely with py; 708.6m: 1cm clay gouge seam at 70 deg TCA (X); 710-712m: 5-10% veining and rubbly; weakly fol'd at 30-40 deg TCA; mod ank; trace py;	6695 6696 6697	708.00 709.50 711.00	709.50 711.00 712.50	1.50 1.50 1.50	0.01 0.06 0.01	0.01 0.10		
713.8	745.8	(3b, mod-str ank, MS 50-70) PILLOWED MAFIC VOLCANIC med green; fg; wkly variolitic, hyaloclastitic and bx'd; varioles are rare overall but hyaloclastite is noted over 10-50cm sections on average; MS rarely may peak at 200 but notably lower (30-40) in most of the hematized sections such as 735.2-737.0m; pillows 30-50cm with wkly chloritic selvages; 713.8-719.0m: 2-4% qtz-feldspar and calcite veinlets and fracture filling; 719.0-745.8m: 5-10% QC veining usually with bx'd or mixed wallrock fragments and chlorite, wisps of sericite and occasional pyrite, irregular contacts that are both subparallel and crosscutting fol'n (II & X); Main veining as follows: 720.4-720.6m; 721.8-729.1m: 1-2% py in hyaloclastite; 723.6-724.9m: 80% QCV with weak hem-alb and loc 3-5% py; 727.7-728.2m: bx'd QCV, wk hem and py over 20cm from i/c; 733.3-733.9m: 1-3% loc py;	6698 6699 6700 6701 6702 6703 6704 6705 6706 6707 6708 6709 6710 6711 6712 6713 6714 6715 6716 6717	712.50 714.00 715.50 716.50 718.00 719.50 721.00 722.50 723.50 725.00 726.50 727.50 728.50 729.50 730.50 732.00 733.30 734.10 735.00 736.00	714.00 715.50 716.50 718.00 719.50 721.00 722.50 723.50 725.00 726.50 727.50 728.50 729.50 730.50 732.00 733.00 734.10 735.00 736.00	1.50 1.50 1.00 1.50 1.50 1.50 1.50 1.00 1.00 1.50 1.50 1.00 1.00 1.00 1.00 1.50 1.30 0.80 0.90 1.00 1.00	0.01 0.01 0.01 0.01 0.01 0.01 0.20 0.01 0.01 0.01 0.01 0.14 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.24		0.01	

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au	Avg		
							R1	R2	R3	
		739.2-739.5m: QCV with mixed chl;	6718	737.00	738.00	1.00	0.01			
		741.0-741.3m;	6719	738.00	739.00	1.00	0.01			
		745.6-745.8m;	6720	739.00	740.00	1.00	0.07			
			6721	740.00	741.00	1.00	0.01			
		weak fol'n, locally contorted, ranging from 45-75 but averaging 65 deg TCA;	6722	741.00	742.00	1.00	0.01			
			6723	742.00	743.50	1.50	0.01			
			6724	743.50	745.00	1.50	0.01			
		mod-str ank;	6725	745.00	745.80	0.80	0.01			
		mod-str fracture controlled to pervasive calc from 719-745.8m;								
		wk-str patchy hem, generally within hyaloclastic sections;								
		hematite alt'n mainly at 722.6-723.0m, 727.0-728.2m,								
		735.2-737.0m (mod-str);								
		735.2-737.5m: mod-str sil/alb;								
		trace py and specularite;								
		short sections of hyaloclastite and veining pyrite may be 1-5%;								
745.8	754.8	(3ab, lx, str calc & ank, MS 30-40) MASSIVE LEUCOXENITIC & PILLOWED MAFIC VOLCANIC med-dk green; f-cg; 5-7% lx (1-3mm); non-lx pillows and either massive flows or tubes of lx bearing mafics intermixed;	6726	745.80	747.00	1.20	0.01			
		fol'd at 60 deg TCA;								
		mod-str perv calc and ank;								
		nil py;								
754.8	764.3	(3b, str calc, wk-mod ank, MS 30-50) PILLOWED MAFIC VOLCANIC med-dk green; fg; pillows 30-50cm with vague, wkly chloritic selvages; 3-5% calcitic fracture filling and veinlets; rare selvages may have MS up to 80;								
		wk fol'n at 60 deg TCA (avg);								
		str calc;								
		wk-mod ank;								
		trace-0.5%py generally in or near selvages;								

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							Au Avg	R1	R2	R3
764.3	781.0	(3a, lx, str calc, MS 30-60) MASSIVE LEUCOXENITIC MAFIC VOLCANIC dk green; fmg; 3-5% pinpoint lx; 2-3% calcite fracture filling and wispy swirls; chill margin from 780-o/c which is wavy at 40-50 deg TCA with a lcm grey exhabite; massive with a very weak fol'n at 50 deg TCA; str calc; trace py;								
781.0	786.8	(3c, str calc, mod patchy ser, MS 30-45) MAFIC FLOWTOP BRECCIA greyish green; fmg; pinpoint lx; 782.3-786.0m: 30-40% qtz with local albite 784.8-785.0m: mod qtz/alb with 5% fg diss py; str calc; mod patchy ser; wk patchy ank; < 0.5% py overall; 784.8-785.0m: 5% fg diss py;	6727	781.30	782.30	1.00	0.01			
			6728	782.30	783.50	1.20	0.01			
			6729	783.50	785.00	1.50	0.01			
			6730	785.00	786.50	1.50	0.16	0.10		
786.8	791.8	(3b, lx, hyal, str calc, MS 40-60) PILLOWED LEUCOXENITIC MAFIC FLOWS greyish green; fmg; slightly darker bazy chloritic selvages 20-40cm with loc hyaloclastite i.e. 789.5-789.8m; 1-2% calcitic wisps and bx'd veinlets; 791.7-791.8m: FAULT, two lcm clayey gouge seams with bx in between; str calc; wk patchy ank; <0.5% py;	6731	786.50	788.00	1.50	0.01			
			6732	788.00	789.50	1.50	0.01			
			6733	789.50	791.00	1.50	0.01			

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							Au Avg	R1	R2	R3
791.8	809.4	(3b, loc hyal-bx-var, str calc, MS 30-40)	6734	791.00	792.00	1.00	0.01			
		PILLOWED MAFIC VOLCANIC	6735	799.30	801.00	1.70	0.01			
		green; fg; 20-40cm pillows with 1-2cm chloritic selvages at	6736	801.00	802.50	1.50	0.01			
		60-70 deg TCA; 1-2% calcitic fracture filling;	6737	802.50	804.00	1.50	0.07			
		799.3-809.4m: variably alt'd bx and hyaloclastite with local	6738	804.00	805.50	1.50	0.01			
		varioles, alt'n of hyaloclastic sections is generally hem-py	6739	805.50	807.00	1.50	0.01			
		and 3% qtz-feldspar and calcite veining, this section is fol'd	6740	807.00	808.50	1.50	0.01			
		at 40-65 deg TCA and a 20cm porous QCV makes the o/c;	6741	808.50	809.40	0.90	0.23	0.30		
		str calc;								
		799.4-809.4m: variable wk-str hem-ser;								
		<0.5% py;								
		799.3-809.4m: locally up to 5% fg diss and fracture controlled								
		py usually with ser/hem/feldspar alt'n;								
809.4	826.0	(3, str ank, mod calc, MS 30-40)	6742	809.40	810.70	1.30	1.59			
		MAFIC VOLCANIC FLOWS	6743	810.70	811.50	0.80	0.01			
		green; fmg;	6744	823.00	824.00	1.00	0.01			
		823.0-826.0m: 30-40% QA veining with minor calcite;	6745	824.00	825.00	1.00	0.01			
			6746	825.00	826.00	1.00	0.01			
		alternating massive to vaguely pillowed lx and non-lx bearing								
		flows averaging 2-4m; mainly lx bearing flows beyond 815m;								
		wk fol'n at 60-80 deg TCA;								
		str ank;								
		wk-mod calc;								
		809.4-810.7m: mod hem and alb;								
		<0.5% py overall;								
		809.4-810.7m: locall up to 3% fg py;								
826.0	878.5	(3b, str ank, wk-mod frac cntrl'd calc, MS 35-50)	6747	832.60	833.10	0.50	0.01			
		WEAKLY PILLOWED MAFIC VOLCANICS	6748	833.10	833.60	0.50	0.01			
		green to greyish green; fg; pillows 30-70cm with vague wily	6749	833.60	834.10	0.50	0.07	0.06	0.07	
		chl'c selvages; 1-3% calcitic wisps and veinlets;	6750	844.00	845.50	1.50	0.01	0.01		
		847.0-850.0m: 10-20% QC veining, minor alb and a few py ribbons;	6751	845.50	847.00	1.50	0.01			
		851.0-855.0m: variolitic with wk bleaching and ser, contorted;	6752	847.00	848.00	1.00	0.01			
		859.4-860.0m: QCV with black chlorite and a few wallrock	6753	848.00	849.00	1.00	0.01			
		fragments; contacts irregular;	6754	849.00	850.00	1.00	0.01			
		860.0-861.5m: stretched varioles;	6755	850.00	851.00	1.00	0.07			
		864.0-876.0m: fol'd & contorted, contortions may be tight	6756	851.00	852.50	1.50	0.06			
		folding subparallel to fol'n;	6757	852.50	854.00	1.50	0.07			

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96131

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS				
							Au	Avg		R1	R2
		865.5-865.7m: QCV with chloritic ribbons and wisps;	6758	854.00	855.00	1.00	0.06				
		870.8-871.0m: QCV as above;	6759	859.40	860.00	0.60	0.01				
		wk fol'n at 60-80 deg TCA;	6760	865.00	866.00	1.00	0.07				
			6761	866.00	867.00	1.00	0.01	0.01			
			6762	867.00	868.00	1.00	0.01				
		str ank;	6763	868.00	869.00	1.00	0.01				
		wk fracture controlled calcite and wispy ser;	6764	869.00	870.00	1.00	0.01				
		847.0-850.3m: wk hem;	6765	870.00	871.00	1.00	0.01				
			6766	871.00	872.10	1.10	0.07				
		trace pyrite overall;									
		rare py up to 1-2% within occasional veinlets;									
		864.0-876.0m: occasional pyritic ribbons along fol'n;									
878.5	894.2	(3a, str ank, wk calc, MS 40-60)	6767	890.70	891.70	1.00	0.07				
		MASSIVE LEUCOKENITIC MAFIC VOLCANICS	6768	891.70	892.30	0.60	0.01				
		greenish grey; fmg; 3-5% fine pinpoint lx;	6769	892.30	893.20	0.90	0.06				
		3% ank and QA veining;	6770	893.20	894.20	1.00	0.01				
		wkly fol'd at 60-70 deg TCA;									
		str ank;									
		wk calc;									
		891.7-892.3m: mod ser-hem-sil, wk alb?									
		nil to trace py overall;									
		rare pyritic ribbons along fol'n;									
894.2	927.3	(3b, var, loc hyal, str ank, MS 30-80)	6771	894.20	895.70	1.50	0.01				
		VARIOLITIC PILLOWED MAFICS	6772	895.70	897.20	1.50	0.04	0.07	0.01		
		green with beige varioles and stretched variolitic bands; f-mg;	6773	897.20	898.70	1.50	0.01				
		locally hyaloclastic (10-20cm) increasing downhole 10cm-1.5m);	6774	898.70	900.20	1.50	0.01				
		2-3% QA veining; pillows,	6775	900.20	901.70	1.50	0.01				
		where recognizable, are 30-50cm with wkly chl'c &/or	6776	901.70	903.20	1.50	0.01				
		hyaloclastic selvages;	6777	903.20	904.70	1.50	0.06				
		898.5-899.4m: contorted, folded;	6778	904.70	906.20	1.50	0.01				
		899.1-899.8m: 60% QAV, minor hydromuscovite;	6779	906.20	907.70	1.50	0.01				
		900.0-909.0m: locally a banded appearance with green mafic and	6780	907.70	909.20	1.50	0.01				
		beige varioles, possibly sheared as varioles are stretched to a	6781	909.20	910.70	1.50	0.01				
		1:7 ratio at 60-80 deg TCA (avg 70);	6782	910.70	912.20	1.50	0.01				
		903.5-903.8m: QAV with dk green chlorite;	6783	912.20	913.70	1.50	0.01				
			6784	913.70	915.20	1.50	0.61				
		str ank;	6785	915.20	916.70	1.50	0.01				
		wk patchy hem;	6786	916.70	918.20	1.50	0.01				

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	R1	R2	R3
		<1% pyrite overall; local 1-4mm pyritic bands; 927.0-927.3m: o/c has 1-3% py	6787	918.20	919.70	1.50	0.01			
			6788	919.70	921.20	1.50	0.01			
			6789	921.20	922.70	1.50	0.01			
			6790	922.70	924.20	1.50	0.01			
			6791	924.20	925.70	1.50	0.14			
			6792	925.70	927.30	1.60	0.01			
927.3	929.4	(4, fol'd, str ank, mod chl, wk tc-ser, MS 20-1500) ULTRAMAFIC green & white; mg; non magnetic but MS varies wildly; 10-20% ankeritic veining and str ank infilling; fol'd at 50-60 deg TCA and locally contorted; str ank; mod chl; wk ser-talc; trace pyrite;	6793	927.30	928.70	1.40	0.01			
			6794	928.70	929.40	0.70	0.01			
929.4	936.8	(3/4, str ank, wk ser, MS 30-40) KOMATIITIC BASALT buff greenish grey; fg; looks mafic; 1-2% ankeritic veinlets along fol'n; 936.5-936.8m: brecciated carbonaceous/graphitic black qtz with white or grey qtz infilling containing minor pyrite; str ank; wk ser; <0.5% py overall along fol'n; 936.5-936.8m: 0.5-1% vfg py;	6795	929.40	930.00	0.60	0.01			
			6796	930.00	931.50	1.50	0.01			
			6797	931.50	933.00	1.50	0.01			
			6798	933.00	934.50	1.50	0.01			
			6799	934.50	936.30	1.80	0.01			
936.8	948.7	(4, str ank, wk-mod ser, MS 20-40) ULTRAMAFIC earthy grey; f-cg; 1% QA veining; local streaks of either fuchsite or bright green chl-ser; 3-5% carbonaceous fracture filling; 943.8-944.0m: grey QAV, 1% diss py mainly near i/c;	6800	936.30	937.30	1.00	4.96	4.66	5.69	4.53
			6801	937.30	938.50	1.20	0.27			
			6802	938.50	940.00	1.50	0.01			
			6803	940.00	941.50	1.50	0.05	0.03	0.07	
			6804	941.50	943.00	1.50	0.10			
			6805	943.00	944.00	1.00	0.07			
			6806	944.00	945.50	1.50	0.01			

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96131

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au	R1	R2	R3
		936.8-941.0m: fol'd at 55-65 deg TCA;	6807	945.50	947.00	1.50	0.01			
		941.0-948.7m: fol'n contorted subparallel TCA changing to 50;	6808	947.00	948.50	1.50	0.01			
		str ank;								
		wk-mod ser;								
		<0.5% py overall;								
948.7	953.7	(lbx/cgl, str ank, wk ser-sil, MS 20-40)	6809	948.50	948.80	0.30	0.10			
		MAFIC HETROLITHIC BRECCIA/CONGLOMERATE	6810	948.80	950.30	1.50	0.07			
		mainly mafic breccia fragments with a possible U/M matrix;	6811	950.30	951.80	1.50	0.07			
		grey & buff yellow; f-cg matrix with fragments up to several	6812	951.80	952.80	1.00	0.01			
		cm's, some fragments may be 10's of cm's but insitu brecciated;								
		str ank;								
		wk ser-sil;								
		<1% py overall but locally fragments may have 2-3% py;								
953.7	1020.2	(lb,c, cgl, mod-str ank, MS 5-25)	6813	952.80	953.80	1.00	0.01			
		GREYWACK, MINOR ARSILLITE & CONGLOMERATE	6814	985.70	986.50	0.80	0.01			
		grey; f-cg; i/c at 60 deg TCA; MS averages 15;	6815	986.50	987.00	0.50	0.10	0.10		
		occasional QA veinlet;	6816	987.00	988.50	1.50	0.01			
		985.7-987.0m: cgl; hetrolithic, mnr fu;	6817	988.50	990.00	1.50	0.01			
		988.0-993m: 3-5% QA veining, mainly contorted veinlets and a	6818	990.00	991.50	1.50	0.01			
		coupleof veins i.e. 990.8-990.9m, 992.2-992.3m;	6819	991.50	993.00	1.50	0.01			
		996.7-997.4m: cgl, with mod ser & fu;	6820	1018.00	1019.20	1.20	0.01			
			6821	1019.20	1020.20	1.00	0.01			
		bedded at 50 deg TCA;								
		tops uphole (south) from graded bedding;								
		mod-str ank;								
		982+ wk ser;								
		trace pyrite;								
		986.9m: fracture filling up to 2-3cm with semi-massive to massive								
		pyrite and chalcopryite; MS 60								
1020.2	1029.8	(lcgl, str ank, MS 30-40)	6822	1020.20	1021.00	0.80	0.01			
		HETROLITHIC CONGLOMERATE	6823	1021.00	1022.50	1.50	0.01			
		grey; f-cg; sand matrix supporting 50% hetrolithic clasts up	6824	1022.50	1024.00	1.50	0.01			

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	R1	R2	R3
		to 5+cm but averaging 0.3x2.0cm;	6825	1024.00	1025.50	1.50	0.01			
		clasts are mafic, U/M and sed's with ser alt'd mafics,	6826	1025.50	1027.00	1.50	0.01	0.01		
		grey pyritic and albitic mafics, sericitic U/M and argillite are also present;	6827	1027.00	1028.50	1.50	0.01			
		str ank;								
		1-3% py in clasts and matrix as diss and wky clustered;								
1029.8	1038.6	(1b, str ank, MS 10-20)	6828	1028.50	1030.00	1.50	0.01			
		GREYWACKE	6829	1030.00	1031.50	1.50	0.01			
		grey; f-cg;	6830	1031.50	1032.50	1.00	0.01			
		bedded at 60 deg TCA;								
		str ank;								
		1-3% local bedded fg pyrite;								
1038.6	1054.0	(1cgl, str ank, MS 30-40)	6831	1038.50	1040.00	1.50	0.01			
		METROLITHIC CONGLOMERATE	6832	1040.00	1041.50	1.50	0.01			
		similar to 1020.2-1029.8m which is essentially similar to all the preceeding cgl's;	6833	1041.50	1043.00	1.50	0.01			
			6834	1043.00	1044.50	1.50	0.01			
			6835	1044.50	1046.00	1.50	0.01			
		bedding at 50-70 deg TCA;	6836	1046.00	1047.50	1.50	0.01	0.01		
			6837	1047.50	1049.00	1.50	0.01			
		str ank, loc fu in matrix;	6838	1049.00	1050.50	1.50	0.01			
			6839	1050.50	1052.00	1.50	0.01			
		trace to 2% pyrite;	6840	1052.00	1053.50	1.50	0.01	0.01		
1054.0	1081.2	(1cgl, mod-str ank-ser, MS 10-20)	6841	1053.50	1054.50	1.00	0.01			
		SERICITIC CONGLOMERATE								
		buff yellow; f-cg matrix with significantly less clasts (5-30%) than all preceeding cgl's; microconglomerate and wackes make up a large portion of this unit; clasts are still mafic, U/M and sed's however less albitic-pyritic clasts and a noteable presence of a dark grey to black siliceous, porphyritic mafic clast type with up to 2-3% fg py, largest of these clasts is at 1063.7m measuring +/-10cm;								
		bedded at 40-55 deg TCA								

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	R1	R2	R3
		str to mod ser-ank; 1073-1081.2m: increase in carbon content to mod carbonaceous alt'n by o/c and local graphitic slips; trace pyrite with rare prite clasts up to 5-7mm in size;								
1081.2	1092.4	(1b, str ank, mod c, wk ser, MS 20-30)	6842	1084.90	1086.00	1.10	0.01			
		GREYWACK	6843	1086.00	1087.00	1.00	0.01			
		grey; f-mg;	6844	1087.00	1088.00	1.00	0.01			
		bedded at 50 deg TCA;	6845	1088.00	1089.00	1.00	0.01			
		1084.0-1092.4m: wkly contorted bedding at 40-55 deg TCA;	6846	1089.00	1090.00	1.00	0.01			
			6847	1090.00	1091.00	1.00	0.01			
			6848	1091.00	1092.00	1.00	0.01	0.01		
		str ank; mod c; wk ser; 1084.0-1092.4m: wk-mod ser; <0.5% pyrite;								
1092.4	1118.1	(4bx, str ank, wk-mod ser, MS 20-50)	6849	1092.00	1093.00	1.00	0.01			
		HYDROLITHIC ULTRAMAFIC BRECCIA	6850	1093.00	1094.00	1.00	0.01			
		grey; f-cg; clasts up to 5cm but avg 1-3cm in size; clasts are mafic, U/M, and argillite sediments; 1-2% QA veinlets;	6851	1094.00	1095.00	1.00	0.01			
			6852	1095.00	1096.00	1.00	0.01			
			6853	1096.00	1097.00	1.00	0.01			
		fol'd with local contorted sections;	6854	1097.00	1098.00	1.00	0.01			
		average fol'n at 50-80 deg TCA, sub-parallel (II) TCA at 20 deg in contorted sections;	6855	1098.00	1099.00	1.00	0.01			
			6856	1099.00	1100.00	1.00	0.01			
			6857	1100.00	1101.00	1.00	0.01			
		str ank;	6858	1101.00	1102.00	1.00	0.01			
		wk-mod ser;	6859	1102.00	1103.00	1.00	0.01	0.01		
			6860	1103.00	1104.00	1.00	0.01			
		<1% to locally 3% diss & fracture controlled pyrite;	6861	1104.00	1105.00	1.00	0.01			
			6862	1105.00	1106.00	1.00	0.01			
			6863	1106.00	1107.00	1.00	0.01			
			6864	1107.00	1108.00	1.00	0.01			
			6865	1108.00	1109.00	1.00	0.01			
			6866	1109.00	1110.00	1.00	0.01			
			6867	1110.00	1111.00	1.00	0.01			
			6868	1111.00	1112.00	1.00	0.01			
			6869	1112.00	1113.00	1.00	0.01			
			6870	1113.00	1114.00	1.00	0.01	0.01		
			6871	1114.00	1115.00	1.00	0.01			
			6872	1115.00	1116.00	1.00	0.01			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au	Avg		
							R1	R2	R3	
			6873	1116.00	1117.00	1.00	0.01			
			6874	1117.00	1118.00	1.00	0.01			
1118.1	1119.2	(lc, str c, MS 15-20) CARBONACEOUS ARGILLITE dk grey-black; fg; bedded at 45-65 deg TCA, tops uphole (south) from graded beds; str carbonaceous alt'n; 1-3% py;	6875	1118.00	1119.20	1.20	0.01			
1119.2	1126.8	(4b kom, var?, mod-str ank, loc wk-mod ser, MS 20-40) PILLOWED, VARIOLITIC? KOMATIITIC BASALT buff grey; fg; pillows are 30-150cm with MS 20-40; selvages are 5-15cm at 45-70 deg TCA, strongly chloritic and MS 40-175; either possible varioles or digested wallrock fragments adjacent to and within the selvages giving a variolitic appearance; 1125.6-1126.3m: talc-chlorite; 1126.3-1126.8m: bleached grey bx; 1126.8-1127.5m: FAULT, clay gouge with minor calcite and mod chlorite; slickensides at 1126.8m on a 10 deg TCA fracture face at 45 deg to the long axis of the face; slickensides at 1127.1m on a 70 deg TCA fracture face at 10 deg to the long axis of the face; slickensides at 1127.1m: on a 10 deg TCA fracture face at 65 deg to the long axis of the fracture face; local brecciation near selvages; 1122.0m: 3cm hetrolithic bx dykelet at 45 deg TCA sub parallel; mod-str chlorite; wk to loc mod ser: v wk calc/dol; <1% overall pyrite;	6876	1119.20	1120.50	1.30	0.01			
			6877	1120.50	1122.00	1.50	0.01			
			6878	1122.00	1123.00	1.00	0.07			
1126.8	1141.7	(4, tc-chl, MS 40-600) TALC CHLORITE ULTRAMAFIC buff grey to bluish black; f-cg; 1135.7m: 3-4cm mud bx seam at 60 deg TCA (II); wk fol'n at 40-60 deg TCA;								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au	R1	R2	R3
		strong chlorite and mod talc; trace pyrite;								
1141.7m		K.O.H								

COMMENTS

24/3/96 - set up start drilling using 2x hex core barrel
 52m ovb, test at 63m --73.5/357
 PM 25/3/96 - 115m
 113m, test -71.5/358
 AM 26/3/96 - 160m
 AM 27/3/96 - 240m, test at -69.5/357
 240m take off hex put on round core barrel and step bit
 PM 27/3/96 - 267m, test -65.25/356
 AM 28/3/96 - 288m, test -59/355,
 take off step bit put on 2x hex core barrel & regular bit
 AM 29/3/96 - 333m, test -56.5/az incorrect
 AM 30/3/96 - 384m, test -53.5/352
 PM 30/3/96 - 420m, test -52/352
 AM 31/3/96 - 462m, test -50.5/351
 AM 1/4/96 - 501m, test -49/351
 PM 1/4/96 - 519m, return to 50m test spacing
 AM 2/4/96 - 558m, test at 550m -48/351

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	R1	R2	R3
		AM 3/4/96 - 610m, test at 600m -47/351								
		PM 3/4/96 - 635m								
		AM 4/4/96 - 666m, test at 650m -46/348								
		PM 9/4/96 - 696m								
		AM 10/4/96 - 717m, test at 702m -46.5/350								
		AM 11/4/96 - 739m, change bit								
		PM 11/4/96 - 764.5m, 750m test at -46.5/349								
		AM 12/4/96 - 795m								
		PM 12/4/96 - 829m, test at 819m -46/348								
		AM 13/4/96 - 860m, test at 860m -46/348.5								
		PM 13/4/96 - 872m, clutch on drill broken								
		AM 14/4/96 - 890m								
		PM 14/4/96 -912m, rods broke beginning of night shift, fishing;								
		AM 15/4/96 - no retrieval using taps until mid AM, success with a "Bear Tool" an expansion rod grabber								
		PM 16/4/96 - 926m, no zone yet but geology better looking								
		AM 17/4/96 - 950m								
		PM 17/4/96 - 971m, rods broke near bedrock interface again (48m)								
		AM 18/4/96 - 994m								
		AM 19/4/96 - 1028m								
		PM 19/4/96 - 1033m								
		AM 20/4/96 - 1055m								
		AM 21/4/96 - 1085m, rods broke again								
		AM 22/4/96 - 1110m								
		PM 22/4/96 - 1129m, bad fault seam, concerns about continuing								
		AM 23/4/96 - 1141.7m E.O.H.								

Cummulative metreage in GH96-131 - 1141.7m
Samples taken to 1123m
Sample #'s - 6856 -6878
of Samples - 223
Total metreage sampled - 261.5m
% of total hole metreage sampled - 22.9%

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
63.00	-73.50	357.00
113.00	-71.50	358.00

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au	Avg	R1	R2
		DEPTH								
		INCLINATION								
		BEARING								
		163.00								
		-71.00								
		358.00								
		213.00								
		-70.00								
		356.00								
		240.00								
		-69.50								
		357.00								
		267.00								
		-65.25								
		356.00								
		288.00								
		-59.00								
		355.00								
		309.00								
		-57.00								
		355.00								
		333.00								
		-56.50								
		384.00								
		-53.50								
		352.00								
		420.00								
		-52.00								
		352.00								
		462.00								
		-50.50								
		351.00								
		501.00								
		-49.00								
		351.00								
		550.00								
		-48.00								
		351.00								
		600.00								
		-47.00								
		351.00								
		650.00								
		-46.00								
		348.00								
		702.00								
		-46.50								
		350.00								
		750.00								
		-46.50								
		349.00								
		819.00								
		-46.00								
		348.00								
		860.00								
		-46.00								
		348.50								
		903.00								
		-45.25								
		350.00								
		957.00								
		-44.00								
		348.50								

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au	Avg	R3
		DEPTH					R1	R2	R3
		INCLINATION							
		BEARING							
		1009.00							
		-43.00							
		348.25							
		1053.00							
		-42.00							
		350.00							
		1101.00							
		-39.75							
		350.00							

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY

HOLE No.: GH96132

Collar Eastings: 1400.00

Collar Northings: -175.00

Collar Elevation: 0.00

Grid: BLACKTOP

Contractor: Bradley Brothers Ltd (Noranda PQ)

Collar Inclination: -68.00

Grid Bearing: 360.00

Final Depth: 635.00 metres

Dates drilled: May 13 - May 30, 1996

Logged by: R.E. Gadzala

Date: May 13 - May 30, 1996

Down-hole Survey: Sperry Sun

Dates logged: May 13 - May 30, 1996

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	Au R1	Au R2	Au R3
0	0.1	ADDITIONAL DATA Purpose: Test for BTEZ at -400mL east of previous known mineralization. Size: NQ, casing in hole and capped NTS No.:32D/12 - Claim No.:579666 Blacktop grid co-ord's: L1400E/175S Approx UTM co-ord's: 595400E/5374945N Core Storage: Holloway Lake Campsite								
0.1	19.0	(ovb) OVERBURDEN								
19.0	39.6	(1 cgl , str ank, wk-loc mod ser, MS 10-15) MICRO-CONGLOMERATE-WACKIE/SANDSTONE green to greyish green; f-cg matrix with local sections having 1-5% clasts up to 3-5cm; occasional fg jasper up to 1-2mm; clasts are subrounded to rounded and are sediments, mafics and intrusives; 1-2% QA veining with larger veins subparallel to bedding and veinlets <1cm crosscutting bedding at 40-50 deg TCA; 23.3-23.4m: white QAV at 50 deg TCA with orange orthoclase blotches and a minor sericite alt'd halo; 25.4-25.7m: 2 QACV's (15 & 5cm) at 60-70 deg TCA with rusted ankerite and calcite veinlets within the veins, occasional orthoclase, minor mud seam within the QAV at 25.5m; 28.5m: a 2cm x 5cm weakly brecciated black gtz clast; 32.1-33.0m: 70% QA veining with wk ser, 1-2% py and occasional orange orthoclase feldspar; 34.7-39.6m: 50-70% QACV'ing with rusty calcitic patches; vague o/c with QA veining; bedding at 15-40 deg TCA, avg 25; strong pervasive ankerite; wk ser, loc moderate ser assoc'd with occasional QA veining;	6933	22.00	23.00	1.00	0.01			
			6934	23.00	24.00	1.00	0.01			
			6935	24.00	25.00	1.00	0.01			
			6936	25.00	26.00	1.00	0.01			
			6937	32.00	33.00	1.00	0.01			
			6938	33.00	34.60	1.60	0.01	0.01		
			6939	34.60	36.00	1.40	0.01			
			6940	36.00	37.00	1.00	0.01			
			6941	37.00	38.00	1.00	0.01			
			6942	38.00	39.00	1.00	0.01			

2.1770A

HOLE No: GH96132



HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96132

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	Au R1	Au R2	Au R3
		<0.5% to locally 2-3% pyrite;								
39.6	98.9	(1b, mod perv ank, mod frac cntrl'd ser, MS 5-25)	6943	39.00	40.00	1.00	0.01			
		GREYWACKLE	6944	40.00	41.00	1.00	0.01			
		buff yellowish to greenish grey; fmg;	6945	62.00	63.50	1.50	0.01			
		2-3% QA fracture filling/ribbons, rare QA veining	6946	63.50	65.00	1.50	0.01			
		i.e. 51.3-51.35m;	6947	65.00	66.50	1.50	0.01			
		62.3-76.5m: 3-5% QA veining, mainly ribbons and fracture	6948	66.50	68.00	1.50	0.01			
		filling surrounding one main vein;	6949	68.00	69.40	1.40	0.01			
		68.4-68.5m: bullish white QAV crosscutting (X) bedding	6950	69.40	70.10	0.70	0.01	0.01		
		at 25 deg TCA with i/c at 30 and o/c at 50 deg TCA;	6951	70.10	71.20	1.10	0.01			
		70.7-71.0m: white QAV with black chloritic ribbons from	6952	71.20	72.20	1.00	0.01			
		center to o/c of vein, minor pyrite;	6953	72.20	73.50	1.30	0.01			
		71.2-72.0m: white QAV;	6954	73.50	75.00	1.50	0.01			
		93.1-95.6m: micro-conglomerate including jasper with weak	6955	75.00	76.50	1.50	0.01			
		hematite alt'n;	6956	76.50	77.50	1.00	0.01	0.01		
		98.0-98.9m: white QAV with orange orthoclase and irregular	6957	96.60	97.90	1.30	0.01			
		contacts, no pyrite;								
		bedding at 20-35 deg TCA;								
		moderate pervasive ankerite;								
		moderate fracture controlled sericite;								
		<0.5% pyrite overall with local pyritic beds (+/-1mm);								
98.9	129.7	(6a, mod-str ank, mod hem, MS 40-900)	6958	97.90	99.00	1.10	0.01			
		HEMATITIC FELDSPAR PORPHYRY	6959	99.00	99.50	0.50	0.01			
		reddish brown; fg matrix with 1-3mm size feldspars which								
		are also hematized; weak fracture controlled calcite;								
		1-2% QA veinlets and fracture filling; average MS 40-200;								
		101.0-101.3m: QAV with orange feldspars;								
		local shearing at 35-55 deg TCA;								
		local brecciation;								
		mod-str ankerite;								
		moderate hematite;								
		98.9-101.6m: weak to moderate patchy sericite;								
		116.5-125.0m: strong hematite;								
		nil to trace diss. py blebs and specks;								

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96132

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	Au R1	Au R2	Au R3
129.7	145.1	(lark <cgl>, mod ank, wk-mod ser, wk hem, MS 20-40) ARKOSE, MINOR CONGLOMERATE reddish with yellowish green & pink swirls; cg; locally deformed; moderately sheared or fol'd at 45-60 deg TCA (avg 55) 1-2% QA fracture filling; locally may be conglomerate but difficult to be sure because of the shearing; mod ank; wk-mod patchy ser; wk patchy hem; nil-trace pyrite;								
145.1	152.2	(6a, mod hem, wk ank, MS 20-40) HEMATITIC FELDSPAR PORPHYRY dk greenish red to blackish red; fg matrix with feldspars up to 4-6mm (long axis); 1-2% sheared QA ribbons/veinlets moderately sheared at 35-50 deg TCA; 145.1-146.4m: brecciated wallrock incorporated in the FP; moderate hematite; weak ankerite; nil pyrite;								
152.2	160.3	(lark, wk-mod ank-hem, wk patchy ser, MS 15-100) ARKOSE mottled beige to pink to dark green; m-cg; variable in grain size and appearance; alteration and deformation masks textures and distinguishing features; locally short sections fade in and out of what appears porphyritic; moderately deformed; wk-mod ank & hem; wk patchy ser; nil;								
160.3	183.8	(cgl, mod hem, wk ank, MS 40-900) HEMATITIC CONGLOMERATE								

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96132

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	Au R1	Au R2	Au R3
		dk greenish red; m-cg matrix with clasts up to 5cm; hematitic overprint locally gives this unit a similar appearance to the porphyry at 145.1-152.2m; 164.0-167.5m: less hem altered and green in colour; 180.0-183.8m: less hem altered and green in colour; sheared or fol'd at 35-50 deg TCA; moderate hematite; weak ankerite; 174.0-175.0m: weak patchy sericite; nil pyrite;								
183.8	208.1	(1 ark/ss, str perv ank, MS 15-30) SANDSTONE/ARKOSE? buff greenish yellow to pink; c-mg; massive to weakly bedded at 45-60 deg TCA; 1X ankerite ribbons and deformed or stretched veinlet fragments; o/c is gradational; locally strong deformation, i.e. 187.0-187.7m where hematite and sericite alterations mix; strong pervasive ankerite; 183.8-192.0m: moderate pervasive changing to patchy hematite; nil pyrite;								
208.1	234.0	(1b, str ank, wk-str ser, MS 10-30) GREYWACKE buff to buff yellow; f-cg; locally deformed; alteration overprint masks all features to 223.5m; local fuchsite or bright green chlorite/sericite mixture as wisps; 208.1-208.6m and sporatically throughout this unit, chloritic fracture filling noted often with QA veining; 219.0-219.5m: 10X QA veining with rare pyrite; 223.5-227.7m: locally contorted with 5X QA veining +/- chlorite 229.7-230.3m: in-situ breccia and fracturing at 30 deg TCA (X) and sub (II) TCA; 232.0-234.0m: locally contorted with QA veining, minor pyrite dusting at 232.5m with veining;	6960	219.00	220.50	1.50	0.01			
			6961	220.50	222.00	1.50	0.01			
			6962	222.00	223.50	1.50	0.01			
			6963	223.50	225.00	1.50	0.01			
			6964	225.00	226.50	1.50	0.01			
			6965	226.50	228.00	1.50	0.01	0.01		
			6966	228.00	229.50	1.50	0.01			
			6967	229.50	231.00	1.50	0.01			
			6968	231.00	232.50	1.50	0.01			
			6969	232.50	234.00	1.50	0.86			

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	Au R1	Au R2	Au R3
		o/c contorted at 50-70 deg TCA; bedding at 40-55 deg TCA noted beyond 223.5m; str ank; 208.1-223.5m: wk-mod ser; 223.5-234.0m: mod-str ser; nil pyrite overall with rare pyrite dusting associated with QA veining;								
234.0	246.5	(1cgl, shr'd, str ank, mod ser, MS 30-40) SHEARED CONGLOMERATE buff yellowish green; fng matrix with clasts of 2-4 varied origins (mafic, sediment); 1% QA veinlets mainly where contorted; sheared at 30-60 deg TCA with local contorted sections; str ank; mod ser; nil pyrite;	6970	234.00	235.50	1.50	0.01			
246.5	264.2	(3bx, str ank, mod-str ser, MS 30-40) SHEARED MAFIC BRECCIA angular breccia fragments with a strong shear foliation; green to greyish green; 2-3% QA ribbons and fracture filling; fragments of lx bearing mafic and mafics recognizable; strong shearing/foliation at 0-35 deg TCA; str ank; mod-str ser; 246.5-259.3m: wk ser, greyish green colour; nil pyrite except for rare specks in occasional QA ribbons;								
264.2	318.5	(3b, mod ank, wk ser, MS 40-60) PILLOWED MAFIC VOLCANICS	6971	278.00	279.50	1.50	0.01			
			6972	279.50	281.00	1.50	0.01			

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96132

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	Au R1	Au R2	Au R3
		green to green grey; fg; selvages have ank and minor calc at 30-45 deg TCA;	6973	281.00	282.50	1.50	0.01			
		264.2-270.3m: local lx bearing pillows, colour is green;	6974	282.50	284.00	1.50	0.01			
		270.3+m: colour is more buff grey or green with less distinct selvages, ankerite becomes mainly calcite as predominant carbonate in selvages;	6975	284.00	285.50	1.50	0.01			
		301.0-305.0m: selvages are bx'd with wuggy calcitic cement; sharp o/c at 80 deg TCA;	6976	285.50	287.00	1.50	0.01			
			6977	287.00	288.50	1.50	0.07	0.07		
			6978	288.50	290.00	1.50	0.01			
			6979	290.00	291.50	1.50	0.01			
			6980	291.50	293.00	1.50	0.01			
			6981	293.00	294.50	1.50	0.01			
		strongly fol'd locally with more QC veining, i.e. 278-283m, 285-289m, 299-303.5m;	6982	294.50	296.00	1.50	0.01			
			6983	296.00	297.50	1.50	0.01			
			6984	297.50	299.00	1.50	0.01			
		moderate ankerite changing to strong local calcite; wk ser;	6985	299.00	300.50	1.50	0.01			
			6986	300.50	302.00	1.50	0.01			
			6987	302.00	303.50	1.50	0.01			
		nil pyrite to 275m; beyond 275m, occasional selvages (5%) have 5% to semi-massive pyrite in calcitic selvages, i.e. 287.7-287.9m, 288.1-288.2m, 290.9m, 292.6-292.8m, 299.9-300.3m, 301.7-301.8m;	6988	303.50	305.00	1.50	0.01	0.01		
			6989	317.00	318.50	1.50	0.01			
318.5	336.8	(3d, var, str ank, wk ser, MS 40-100)	6990	318.50	320.00	1.50	0.01			
		HYALOCLASTITE	6991	320.00	321.50	1.50	1.89			
		green to greyish green; fg; locally variolitic and leucoxenitic; 1-2% QA veining with occasional pyrite;	6992	321.50	323.00	1.50	0.07			
			6993	323.00	324.50	1.50	0.01			
			6994	324.50	326.00	1.50	0.01			
		fol'd at average 50 deg TCA but locally is deformed and sub (II) TCA;	6995	326.00	327.50	1.50	0.01			
			6996	327.50	329.00	1.50	0.01			
			6997	329.00	330.50	1.50	0.01			
		str ank; wk ser; trace pervasive hem near i/c (318.5-321.0m) and in varioles;								
		overall trace pyrite; 320.2m: 2-3% py dusting and ribbons;								
336.8	345.7	(3a, lx, mod-str ank, MS 40-60)	6998	336.00	337.50	1.50	0.01			
		LEUCOXENITIC MASSIVE MAFIC VOLCANIC	6999	337.50	339.00	1.50	0.01	0.01		
		buff grey to greyish green; fg; 5% fg (<1mm) lx; local bleaching which emphasizes a darker spotting (less alt'd or more chloritic) of lx3 to 4mm along fol'n;	7000	339.00	340.50	1.50	0.01			
			7501	340.50	342.00	1.50	0.01			
			7502	344.00	345.50	1.50	0.17			
		336.8-340.5m: bleached with 10-15% QA or ankerite veining;								
		344.0-345.7m: patchy and fracture controlled bleaching;								
		344.5-344.8m: 80% QAV at 30 deg TCA with ankerite, minor calcite,								

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS				
							Au Avg	Au R1	Au R2	Au R3	
		tan brown patches of possible dravite or altered wallrock, and black fracture filling by tourmaline;									
		fol'd at 50 deg TCA;									
		mod-str ank;									
		patchy bleaching;									
		nil to trace py;									
		rare py & cpy blebs in a fracture i.e. 340.8m;									
345.7	362.5	{3b, mod ank, wk ser, wk patchy calc, MS 30-40)	7503	345.50	347.00	1.50	0.10				
		PILLOWED MAFIC VOLCANIC	7504	347.00	348.50	1.50	0.01				
		lt buff grey; fg; vague selvages with local hyaloclastite and bleaching; occasional selvage may have semi-massive	7505	348.50	350.00	1.50	0.07				
		pyrite i.e. 351m; 1-3% QA veining; occasional pinkish tan leucoxene;	7506	350.00	351.50	1.50	0.16				
			7507	351.50	353.00	1.50	0.27				
			7508	353.00	354.50	1.50	0.16				
		345.7-346.8m: white QAV (similar to 344.5-344.8m) with black tourmaline fracture filling and ankeritefracture filling,	7509	354.50	356.00	1.50	0.10				
		about 2% Cpy, i/c at 55 deg TCA (I), o/c at 35 deg TCA (II);	7510	356.00	357.50	1.50	0.01	0.01			
		355.0-358.0m: 15-20% QA veining;	7511	357.50	359.00	1.50	0.01				
			7512	359.00	360.50	1.50	0.06				
			7513	360.50	362.00	1.50	0.06				
		weak fol'n at 30-50 deg TCA;									
		moderate ankerite;									
		weak sericite;									
		weak patchy calcite;									
		1% pyrite overall;									
		QA veining has occasional 1-2% fg pyrite;									
		selvages occasionally have semi-massive pyrite;									
		345.7-346.8m: 1-2% cpy, <1% py;									
362.5	371.4	{3d, str-mod ank, wk-mod ser, MS 40-70)	7514	362.00	363.50	1.50	0.01				
		HYALOCLASTITE	7515	363.50	365.00	1.50	0.06				
		grey to buff grey; <1mm to 5mm shards with fg matrix and local lx in matrix; sharp o/c at 75 deg TCA;	7516	365.00	366.50	1.50	0.01				
			7517	366.50	368.00	1.50	0.01				
		362.5-363.9m: GRAPHITIC QAV BI, weakly bx'd and rubbly;	7518	368.00	369.50	1.50	0.01				
			7519	369.50	371.00	1.50	0.01				
		fol'd at 50 deg TCA;									
		str-mod ank;									
		wk-mod ser;									

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	Au R1	Au R2	Au R3
		tr py;								
371.4	381.0	(3, str ser-ank, loc wk-mod c/graph, MS 20-40)	7520	371.00	372.50	1.50	0.01			
		ALTERED MAFIC	7521	372.50	374.00	1.50	0.01			
		yellowish green and grey; fg: in-situ bx'd and infilled with	7522	374.00	375.00	1.00	0.01			
		ankerite; local fg amygdules; too altered to determine if	7523	375.00	376.50	1.50	0.16			
		pillowed or massive;	7524	376.50	378.00	1.50	0.01			
		377.8-383.0m: rubbly, RQD's 0-40%;	7525	378.00	379.50	1.50	0.03	0.06	0.01	
		378.5-381.0m: brecciated with 60% ankerite;	7526	379.50	381.00	1.50	0.01			
		381.0m: FAULT, gouge at 50 deg TCA (II);								
		fol'd at 50 deg TCA;								
		str ser and ank;								
		ser may have chlorite with it as colour is greenish locally;								
		374.7-377.0m: mod carbonaceous (and possibly wk albite)								
		alteration and graphite at intervals of 20-70cm (possibly								
		selvages) with 1-3% py;								
		377.0-381.0m: wkly carbonaceous;								
		nil to tr py;								
381.0	385.7	(3d, str ank, mod ser, MS 30)	7527	381.00	382.50	1.50	0.01	0.01		
		HYALOCLASTITE	7528	382.50	384.00	1.50	0.01			
		greyish green; fg matrix with 1-4mm shards and bx'd,	7529	384.00	385.50	1.50	0.01			
		leucoxenitic pillows and/or fragments;								
		381.0-382.0m: weakly porous to locally friable;								
		fol'n at 70 deg TCA at beginning and end of this unit but								
		changes quickly between 382.0-384.2m where fol'd/sheared								
		at 0-10 deg TCA;								
		str ank;								
		mod ser;								
		nil to tr py;								
385.7	477.8	(3b, loc lx, str ank, wk-str ser, loc graph, MS 30-50)	7530	385.50	386.50	1.00	0.01			
		PILLOWED MAFIC VOLCANIC	7531	414.50	416.00	1.50	0.07			
		lt green to greyish green; fmg; occasional pillows are	7532	416.00	417.50	1.50	0.36			
		leucoxenitic; locally deformed and folded;	7533	417.50	419.00	1.50	0.29			
		406.0-413.0m: 5-10% ankerite and qtz veining;	7534	419.00	420.50	1.50	0.01			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	Au R1	Au R2	Au R3
		414.8-417.6m: bleached, ser altered and pyritic;	7535	420.50	422.00	1.50	0.01			
		413.0-417.5m: chloritic fracture filling;	7536	422.00	423.50	1.50	0.01			
		424.0-434.7m: short graphitic sections (selvages?);	7537	423.50	425.00	1.50	0.01			
		427.4-428.0m: white and grey QAV with graphite;	7538	425.00	426.50	1.50	0.01			
		428.0-428.8m: grey, weakly carbonaceous and pyritic;	7539	426.50	428.00	1.50	0.03	0.07	0.01	
		433.1-434.7m: graphite, 3-5% py, 5-10% QA veining;	7540	428.00	429.50	1.50	0.51			
		438.0-443.3m: chloritic spotting;	7541	429.50	431.00	1.50	0.13			
		439.0-441.0m: leucoxenitic and chlorite spotted pillows;	7542	431.00	432.50	1.50	0.07			
		443.3-463.0m: ALTERED MAPIC mottled grey ankerite fracture	7543	432.50	434.00	1.50	0.90			
		filling and veining increases from 2-5% to 10-20%, this	7544	434.00	435.50	1.50	0.37			
		strongly altered and ankerite riddled section has an overall	7545	443.00	444.50	1.50	0.01			
		fol'n or preferred orientation to the fracturing at 30 deg TCA;	7546	444.50	446.00	1.50	0.01			
		455.0-471.0m: local graphite, selvages;	7547	446.00	447.50	1.50	0.01			
		468.0-471.0m: selvages are brecciated with graphite, 2-3% QA	7548	447.50	449.00	1.50	0.01			
		fracture filling;	7549	449.00	450.50	1.50	0.01			
		463.0-471m: alteration decreases;	7550	450.50	452.00	1.50	0.01	0.01		
			7551	452.00	453.50	1.50	0.01			
		wk fol'n and selvages at 40-60 deg TCA;	7552	453.50	455.00	1.50	0.01			
		386.9-387.7m: deformed & fol'd at 70 deg TCA;	7553	455.00	456.50	1.50	0.06			
		404.0-418.0m: deformed with fol'n varying (folded) including	7554	456.50	458.00	1.50	0.01			
		local shearing;	7555	458.00	459.50	1.50	0.01			
			7556	459.50	461.00	1.50	0.07			
		str ank, wk-str ser;	7557	461.00	462.50	1.50	0.01			
		385.7-414.8m: wk ser;	7558	462.50	464.00	1.50	0.01			
		414.8-438.0m: mod-str ser;	7559	464.00	465.50	1.50	0.01			
		wk fracture controlled calc;	7560	465.50	467.00	1.50	0.01			
		443.3-463.0m: strongly ankerite and sericite altered with a weak	7561	467.00	468.50	1.50	0.01	0.01		
		to possibly moderate chloritic component which gives the	7562	468.50	470.00	1.50	0.65			
		sericite-chlorite a bright green (almost fuchsitic) look;	7563	470.00	471.50	1.50	5.75	5.49	6.00	
		471.0-478.8m: mod ank, wk ser-chl;	7564	471.50	473.00	1.50	1.54			
			7565	473.00	474.50	1.50	0.06			
		tr-1% (locally) fracture controlled py;	7566	474.50	476.00	1.50	0.01			
		414.8-417.6m: 1-3% py;	7567	476.00	477.30	1.30	0.01			
		428.0-428.8m: 2-4% py;								
		occasional ankerite or ankerite and quartz fracture								
		infilling/veining may have 1-3% fg py within or as a halo								
		(1-5cm) around it;								
477.8	478.2	{FZ}								
		FAULT ZONE								
		gouge, rubble: brecciated; graphite; QAC veining;								
478.2-	536.2	{3a, lx, mod ank, wk ser-chl, loc hem, MS 50}	7568	477.30	478.30	1.00	0.10			

HOLE No: GH96132

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96132

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	Au R1	Au R2	Au R3
		LEUCOXENITIC MASSIVE MAFIC VOLCANIC	7569	485.00	486.20	1.20	0.01			
		green to greyish green; fg; 3-5% pinpoint size leucoxenes;	7570	489.60	490.80	1.20	0.01			
		2-3% QA fracture filling; loc chlorite+/- qtz fracture filling;	7571	495.50	497.00	1.50	0.01			
		local chlorite +/- qtz fracture filling;	7572	497.00	498.50	1.50	0.01			
		3-5% ankeritic fracture filling and veinlets;	7573	498.50	500.00	1.50	0.01			
		485.0-486.2m: 80% QA veining;	7574	500.00	501.00	1.00	0.01			
		489.7-490.0m: wkly deformed, bx'd;	7575	501.00	502.00	1.00	0.01			
		495.5-498.4m: 20-40% ankeritic veinlets;	7576	502.00	502.60	0.60	0.01			
		499.5-502.4m: 20-40% ankeritic veining with local qtz veining;	7577	510.30	511.80	1.50	0.01			
		beyond 500m: MS 20-60 averaging 40;	7578	511.80	513.30	1.50	0.01			
		502.4-513.5m: deformed with wk to loc mod hem;	7579	513.30	514.80	1.50	0.01			
		510.0-513.5m: 5-15% ankeritic and QA veining;	7580	514.80	516.30	1.50	0.01			
		516.5-530.7m: deformed with patchy wk-str hem, 5-15% ankerite	7581	516.30	517.80	1.50	0.01			
		and QA veining;	7582	517.80	519.30	1.50	0.01			
		535.7-536.0m: broken core, rubbly;	7583	519.30	520.80	1.50	0.01			
			7584	520.80	522.30	1.50	0.01			
		weak fol'n at 60 deg TCA;	7585	522.30	523.80	1.50	0.01			
		513.5-516.5m: fol'n sub-parallel TCA;	7586	523.80	525.30	1.50	0.01			
			7587	525.30	526.80	1.50	0.01			
		mod ank;	7588	526.80	528.00	1.20	0.01			
		wk ser-chl;	7589	528.00	529.00	1.00	0.01			
		497.7-498.4m: mod hem-ser;	7590	529.00	530.00	1.00	0.01			
		532.5-534.2m: str-mod hem, wk-mod alb;	7591	530.00	531.00	1.00	0.01			
			7592	531.00	532.50	1.50	0.01			
		<0.5-1% fg diss py;	7593	532.50	534.00	1.50	0.01			
		498.8-490.2m: 3% fg diss py;	7594	534.00	535.50	1.50	0.01			
		532.5-536.0m: 1-3% fg diss py;								
536.2	540.4	(3d, var, mod-str ank-chl, MS 80-2500)	7595	535.50	537.00	1.50	0.01			
		HYALOCLASTITE	7596	537.00	538.50	1.50	0.01			
		green; fg matrix with shards up to 5mm; variolitic;	7597	538.50	540.00	1.50	0.01			
		i/c is sharp at 40 deg TCA;								
		fol'd at 60-70 deg TCA;								
		mod-str ank and chl;								
		nil-tr py;								
540.4	547.9	(3a, lx, fol'd, wk-str hem, mod ank, MS 30-8000)	7598	540.00	541.50	1.50	0.01			

HOLE No: GH96132

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96132

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au Avg	Au R1	Au R2
		FOLIATED LEUCOXENITIC MASSIVE MAFIC VOLCANIC	7599	541.50	543.00	1.50	0.01		
		green to purple with creamy white banding; m-fg;	7600	543.00	544.50	1.50	0.01		
		fol'd at 50-80 deg TCA;	7601	544.50	546.00	1.50	0.01		
		544.5-547.5m: fol'n folds over to parallel TCA then over on itself to 30deg TCA then back to 60 deg TCA;	7602	546.00	547.50	1.50	0.01		
		mod ank;							
		542.0-547.5m: wk-str hem;							
		<1% py overall;							
		loc fractures with py clots;							
547.9	551.7	(4, str ank, str-mod ser, wk tc, MS 20-80)	7603	547.50	548.00	0.50	0.01		
		ULTRAMAFIC							
		beige to greenish yellow; fg; 5-10% ankeritic streaking and deformed veining; 1% QA veining; i/c sharp at 30 deg TCA; o/c sharp at 60 deg TCA;							
		str ank;							
		str-mod ser;							
		wkly talcose;							
		nil sulphides;							
551.7	556.2	(3a, lx, mod ank, MS 40)							
		LEUCOXENITIC MASSIVE MAFIC VOLCANIC							
		greenish grey; mcg; 3-5% tan lx;							
		wkly fol'd at 40-60 deg TCA;							
		mod ank;							
		nil-tr py;							
556.2	563.0	(3b, mod frac cntrl'd calc, MS 30-50)							
		PILLOWED MASSIVE MAFIC VOLCANIC							
		dk green; fmg; 1% qtz & calc fracture filling;							
		wkly fol'd at 50-20 deg TCA;							
		mod frac cntrl'd calc;							

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96132

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS				
							Au Avg	Au R1	Au R2	Au R3	
		nil-tr py;									
563.0	568.3	(3a, lx, mod str ank, MS 40-200) LEUCOXENITIC MASSIVE MAFIC VOLCANIC greenish grey; m-cg; 5% tan lx: similar to 551.7-556.2m but more ankerite veining; 10-20% ankeritic veining; 563.0-563.5m: 50% QA veining and minor orange feldspars; folded and deformed; mod-str ank; nil-tr py;									
568.3	600.4	(3a, loc lx & chl spotting, str calc-chl, MS 1000-3000) MASSIVE MAFIC VOLCANIC dk green; fmg; 1% calc veinlets; loc lx & chl spotting; 563.0-563.5m: 50% QA veining, minor orange feldspars; 575.5-588.0m: 5% QA veining, minor local albite, deformed & bx'd; 582.0m: 10cm of graphitic QA veining or infill; 588.0-596.5m: undeformed, mcg; wkly fol'd locally at 55-65 deg TCA, almost diabasic in appearance, <1% calc veinlets/fracture filling; 596.5-600.4m: chill margin (increased bleaching), MS 40-70; 600.2-600.4m: wkly bx'd and silicified (buff grey colour); o/c sharp at 60 deg TCA; str perv calc and chl; calc decreases gradually to nil by 588m; 575.5-600.4m: str ank, mod ser; 588.0-595.6m: wk ank; 595.6-600.4m: str ank with rare qtz-calc veinlets having 1-3% pyritic haloes; nil-tr py; rare cpy with py associated with QA veining;	7604	575.00	576.50	1.50	0.01				
			7605	576.50	578.00	1.50	0.01	0.01			
			7606	578.00	579.50	1.50	0.01				
			7607	579.50	581.00	1.50	0.01				
			7608	581.00	582.50	1.50	0.01				
			7609	582.50	584.00	1.50	0.01	0.01			
			7610	584.00	585.50	1.50	0.01				
			7611	585.50	587.00	1.50	0.01				
			7612	587.00	588.50	1.50	0.01				
			7613	596.90	597.40	0.50	0.01				
			7614	597.40	598.40	1.00	0.10				
			7615	598.40	599.40	1.00	0.10				
			7616	599.40	600.40	1.00	0.33				
600.4	605.0	(qtz bx, wk c/graph) CARBONACEOUS QUARTZ BRECCIA grey with local buff mottling from U/M fragments past 602.0m; brecciated and locally rubbly with minor gouge, possibly a fault contact;	7617	600.40	601.40	1.00	0.68				
			7618	601.40	602.40	1.00	0.24				
			7619	602.40	603.40	1.00	0.06				
			7620	603.40	604.40	1.00	0.07				

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96132

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	Au R1	Au R2	Au R3
		str sil; wk carbonaceous alt'n with local graphite; nil to trace pyrite;								
605.0	621.4	(4, bx, str ank, str-mod ser, loc chl-tc, MS 20-40)	7621	604.40	605.40	1.00	0.01	0.01		
		SERICITIC ULTRAMAFIC BRECCIA	7622	605.40	606.40	1.00	0.06			
		grey with earthy yellow to greenish yellow or brown:	7623	606.40	607.40	1.00	0.06			
		605.0-613.0m: 5-10X QA veining/fracture filling;	7624	607.40	608.40	1.00	0.07			
			7625	608.40	609.40	1.00	0.07			
		brecciated with fol'n developing beyond 612m at 40 deg TCA at which point chlorite is more evident and fol'n weakens;	7626	609.40	610.40	1.00	0.10			
			7627	610.40	611.40	1.00	0.01			
			7628	611.40	612.40	1.00	0.01			
		str ank;	7629	612.40	613.40	1.00	0.01			
		str to mod ser;	7630	613.40	614.00	0.60	0.01			
		loc chl-tc;								
		nil to tr pyrite;								
621.4	635	(4, tc-chl-ank, MS 40)								
		TALC CHLORITE ULTRAMAFIC								
		dk green black; soft and soapy to the touch; 10X ankeritic fracture filling;								
		str tc-chl-ank;								
		nil sulphides;								
		635m E.O.H								

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96132

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	Au R1	Au R2	Au R3

COMMENTS

13/5/96 - move and set up
 14/5/96 - start drilling using 2x hex core barrel
 PM 14/5/96 - 19m, first core - 36m
 AM 15/5/96 - 61m
 AM 16/5/96 - 113m
 PM 16/5/96 - 142m
 AM 17/5/96 - 164m
 PM 21/5/96 - 181m
 AM 22/5/96 - 207m
 AM 23/5/96 - 270m
 PM 23/5/96 - 313m
 AM 24/5/96 - 344m
 PM 24/5/96 - 374m
 AM 25/5/96 - 378.5m bit toasted in hole, standard drill through it
 PM 25/5/96 - 400m
 AM 26/5/96 - 430m
 PM 26/5/96 - 455m
 AM 27/5/96 - 481m
 PM 27/5/96 - 503m
 AM 28/5/96 - 532m
 535m - 2X hex core barrel off
 AM 29/5/96 - 576m
 PM 30/5/96 - 635m - E.O.H.

Total metreage in GH96-132 - 635m
 Samples taken to 614m
 Sample N's - 6933 to 7000, 7501 to 7630
 R of Samples - 198
 Total metreage sampled - 271
 % of total hole metreage sampled - 42.7%

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96132

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS				
							Au Avg	Au R1	Au R2	Au R3	
DOWN-HOLE SURVEY DATA											
		DEPTH									
		INCLINATION									
		BEARING									
		29.00									
		-67.50									
		359.00									
		79.00									
		-66.00									
		358.00									
		129.00									
		-65.00									
		356.50									
		179.00									
		-62.00									
		355.00									
		229.00									
		-60.00									
		352.00									
		329.00									
		-59.50									
		352.00									
		379.00									
		-59.50									
		352.00									
		429.00									
		-59.00									
		350.00									
		482.00									
		-59.00									
		359.00									
		529.00									
		-59.25									
		350.00									
		581.00									
		-59.25									
		349.50									
		632.00									
		-59.25									
		350.00									

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY

HOLE No.: GH96133

Collar Eastings: 1400.00

Collar Northings: -350.00

Collar Elevation: 0.00

Grid: BLACKTOP

Contractor: Bradley Brothers Ltd (Noranda PQ)

Collar Inclination: -68.00

Grid Bearing: 360.00

Final Depth: 831.00 metres

Dates drilled: June 4 - July 17, 1996

bottom of W1 at 263m

Logged by: R.E. Gadzala/S.McCann

Date: June 4 - July 17, 1996

Down-hole Survey: Sperry Sun

Dates logged: June 6 - July 18, 1996

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	Au R1	Au R2	Au R3
0	0.1	ADDITIONAL DATA Purpose: Test for BTEZ at -550mL east of previous known mineralization. Size: NQ, casing in hole and capped MTS No.: 32D/12 - Claim No.: 579666 Blacktop grid co-ord's: L1400E/350S Approx UTM co-ord's: 595400E/5374770N Core Storage: Holloway Lake Campsite								
0.1	37.0	(ovb) OVERBURDEN								
37.0	200.8	(f cgl , wk-str ank, wk ser, MS 10-20) MICRO-CONGLOMERATE-WACKE greyish green: f-cg matrix with local sections having rare clasts (1-5%) up to 2cm; occasional fg jasper up to 1-2mm; 2-3% calcitic fracture filling and ribbons; 54.3-54.9m: rubble with oxidation along seams; 75+m: mainly mcg micro-conglomerate with jaspers and local 3-5% diss py over 5-10cm; 79.8-81.0m: 3-5% QA veining with bleaching, rubble; 80-84m: RQD's 20-50% weakly bedded at 30 deg TCA: mod ank overall but varies from wk to str locally; v wk ser overall with local bleaching; 179+m: wk-mod bedding controlled ser; overall 1% diss, bedded & fracture controlled py; locally up to 3-5% diss & bedded fg py;	7631	98.00	99.50	1.50	0.01	0.01		
			7632	99.50	101.00	1.50	0.01			
			7633	101.00	102.50	1.50	0.01			
200.8	255.5	(fb<c>, wk-str ank-ser, MS 10-20) GREYWACKE AND ARGILLITE greenish grey to yellowish grey beyond 221m: fmg: sericite alt'n emphasizes finer grained beds; 200.8-201.7m: 20% QA veining, wkly deformed, sericitic;	7634	230.00	231.50	1.50	0.01			
			7635	231.50	233.00	1.50	0.01			
			7636	233.00	234.50	1.50	0.01			
			7637	234.50	236.00	1.50	0.01			
			7638	236.00	237.50	1.50	0.01			

2.17704

HOLE No: GH96133

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96133

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au Avg	Au R1	Au R2
		200.8-221.0m: 2-3% calcitic fracture filling and ribbons;	7639	245.00	246.50	1.50	0.01	0.01	
		221.0-237.0m: 2-3% ankeritic and dolomitic fracture filling	7640	246.50	248.00	1.50	0.01		
		and veinlets;	7641	248.00	249.50	1.50	0.01		
		221.0-232m: 1% QA veining;	7642	249.50	251.00	1.50	0.01		
		232.0-238.0m: 2-4% QA veining;	7643	251.00	252.50	1.50	0.01		
		234.8-235.3m: QA veinlet sub-parallel TCA;	7644	252.50	254.00	1.50	0.01		
		235.9-236.6m: QA veinlet sub-parallel TCA with 2-4% pyrite;	7645	254.00	255.50	1.50	0.01	0.01	
		245.0255.5m: 3-5% QA veining;							
		255.5-289.6m: weak to moderate in situ brecciation, local							
		bleaching and faint sericitic spotting, possibly caused by							
		nearby porphyry;							
		200.8-242.0m: bedded at 30-40 deg TCA;							
		242.0-289.6m: bedding changes to 45-65 deg TCA;							
		tops uphole from graded bedding;							
		200.8-201.7m: mod-str ser;							
		201.7-221.0m: wk ank-ser;							
		221.0-245.0m: mod to loc str ank-ser;							
		245-255.5m: mod-str ser;							
		nil to locally 1-3% py as beds or diss over 1-5cm;							
255.5	289.6	(1a, cgl/est, mod ser-ank, loc mod sil, MS 5-10)	7646	272.00	273.50	1.50	0.01		
		MICRO-CONGLOMERATE TO SANDSTONE	7647	273.50	275.00	1.50	0.01		
		grey-green; f-cg with <5% clasts and often <1%; jasper clasts;	7648	275.00	276.50	1.50	0.01		
		272.7-274.8m: 10% QA veining;	7649	288.00	289.50	1.50	0.01		
		mod ser-ank;							
		local mod sil;							
		<1% to locally 5% py over 5-10cm;							
289.6	312.0	(1b, mod perv ank, wk-mod frac cntrl'd ser, MS 15-25)	7650	289.50	291.00	1.50	0.01	0.01	
		GREYWACK							
		greenish grey; fg: 1-3% ankeritic/dolomitic veinlets;							
		bedded at 30-60 deg TCA;							
		mod ank;							
		wk-mod fracture controlled ser;							
		trace-nil py;							

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	Au R1	Au R2	Au R3
312.0	349.6	(lcgl, mod hem, mod-str ank, wk-mod ser, MS 20-60) HEMATITIC CONGLOMERATE buff beige-yellow; fg matrix with <0.5-2cm clasts; 2-3% ankeritic veining; bedded at 60 deg TCA; mod-str ank; wk-mod ser, 314.7-334.0m: mod pervasive hem; 334.0-349.6m: wk hem;								
349.6	368.3	(6a, mod-loc str perv calc, wk-mod ank, wk hem, MS15-25) FELDSPAR PORPHYRY greyish green; fg matrix with 1-4mm feldspars; 1-2% calcitic veinlets/frac filling; wkly fol'd locally at 40-60 deg TCA; mod- loc str perv calc; wk-mod ank; 349.6-363.0m: wk hem; nil to trace pyrite;								
368.3	394.3	(lcgl, str ank, mod-str ser, mod calc, mod-wk hem, MS 10-40) CONGLOMERATE pinkish grey to buff yellow; f-cg matrix; rare jasper; 376+m: fuchsitic U/M clasts; 372.6-373.2m: 60% QA and orange feldspar veining; 379+m: appears moderately bx'd and the matrix may be U/M; 381.4-381.7: QAV at 50-85 deg TCA with ser-chl fracture filling 385.0-386.0m: FAULT ZONE - several sections of gouge at 10-20 deg TCA and is bx'd for +/- 5m before and after this zone; str ank; mod calc; 368.3-379.0m: mod changing to wk hem; 379+m: str ser; trace-nil pyrite;								

HOLE No: GH96133

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au Avg	Au R1	Au R2
394.3	430.5	(1b, def'd, str ank, wk-mod calc & ser & hem, MS 20-60) DEFORMED GREYWACKER yellowish grey changing to green-grey; fg; 394.3-402.2m: 1-2% QA veining; 402.2-414.7m: 20% QA veining with ankerite veining, probably associated with the hem alt'n; str ank; wk-mod patchy calc; mod changing by 402m to wk ser; 402.2-414.7m: patchy wk-mod hem;	7651	402.00	403.50	1.50	0.01	0.01	
			7652	403.50	405.00	1.50	0.01		
			7653	405.00	406.50	1.50	0.01		
			7654	406.50	408.00	1.50	0.01		
			7655	408.00	409.50	1.50	0.01		
			7656	409.50	411.00	1.50	0.07		
			7657	411.00	412.50	1.50	0.10		
			7658	429.00	430.50	1.50	0.10		
430.5	481.6	(3, def'd, loc lx; str calc, loc mod ank, MS 20-40) DEFORMED MAFIC VOLCANIC probably a sheared and deformed pillowed mafic volcanic as local chloritic concentrations suggest selvages; green; fg; loc lx; 430.5-439.0m: 5-10% contorted ankerite changing to calcite + qtz veining as swirls; 439+m: chloritic selvages with pyrite are more noticeable;	7659	430.50	432.00	1.50	0.01		
			7660	432.00	433.50	1.50	0.01		
			7661	433.50	435.00	1.50	0.01		
			7662	435.00	436.50	1.50	0.01		
			7663	436.50	438.00	1.50	0.01	0.01	
			7664	438.00	439.50	1.50	0.10		
			7665	439.50	441.00	1.50	0.17		
			7666	441.00	442.50	1.50	0.01		
			7667	442.50	444.00	1.50	0.01		
			7668	444.00	445.50	1.50	0.01		
481.6	515.7	(3b, str perv calc, MS 30-40) PILLOWED MAFIC VOLCANICS med green colour; fg; loc lx; selvages are about 1cm, chloritic with 20-60cm pillows; 3-5% calcite veinlets and fracture filling mostly (80-90%) parallel to selvages at 30-50 deg TCA; occasional calcite +/- qtz vein or bx in selvages; 507.0-515.7m: local hyaloclastite in selvages and contorted in these intervals; 508.8-509.0m: white QAV with a 15-20cm pyritic halo; strong pervasive calcite alteration; 510.9-513.0m: wk hem; overall <1% pyrite; local selvages up to 1-3% py;	7672	507.00	508.50	1.50	1.44		
			7673	508.50	510.00	1.50	1.76		
			7674	510.00	511.50	1.50	0.01		
			7675	511.50	513.00	1.50	0.01	0.01	

HOLE No: GH96133

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96133

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	Au R1	Au R2	Au R3
515.7	540.0	(3a. lx, str ank, mod-str calc, MS 30-35) MASSIVE LEUCOXENITIC MAFIC VOLCANIC greenish grey; mg; 3-7% lx; 525.5-529.2m: hyaloclastite; 529.2-536.0m: 5-10% ank +/- qtz veining, contorted; fol'd at average 55 deg TCA but varies rapidly by 10-20 deg; str ank; mod-str calc; tr-nil py;	7676	525.00	526.50	1.50	0.01			
			7677	526.50	528.00	1.50	0.06			
			7678	528.00	529.50	1.50	0.01			
			7679	529.50	531.00	1.50	0.01			
			7680	531.00	532.50	1.50	0.01			
			7681	532.50	534.00	1.50	0.01			
			7682	534.00	535.50	1.50	0.01			
540.0	546.8	(3b. def'd. str ank, MS 30-40) DEFORMED PILLOWED MAFIC VOLCANIC green; fg; deformed; chloritic selvages; str ank; <0.5% py;								
546.8	573.8	(3a. def'd. lx, str ank, MS 30-40) DEFORMED LEUCOXENITIC MASSIVE MAFIC VOLCANIC greyish green; fg; deformed; local lx; 546.8-554.5m: 2-4% ankerite veinlets (def'd); 558.6-561.0m: locally wkly bleached and chloritic. possible pillows ?; 559.0-573.8m: 2-4% ankeritic veining, deformation becomes more of a shearing at 5-30 deg TCA; str ank; 566.0-569.5m: v wk patchy hem; tr py overall; 552.3m: 3% py with carbonate swirls;								
573.8	597.1	(3b. loc hyal & lx, mod-str ank, wk-str calc, MS 30-40) PILLOWED MAFIC VOLCANIC green; fg; loc sections of hyaloclastite i.e. 573.8-576m and 591.6-597.1m most significant intervals of hyaloclastite; 1-3% ank +/- qtz veining; 576.9-577.5m: pink hematitic calcite;	7683	585.50	587.00	1.50	0.01			
			7684	587.00	588.50	1.50	0.01			
			7685	588.50	590.00	1.50	0.01			
			7686	590.00	591.50	1.50	0.01	0.01		
			7687	591.50	593.00	1.50	0.01			
			7688	593.00	594.50	1.50	0.01			

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96133

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au Avg	Au R1	Au R2	Au R3
		mod-loc str ank; 573.8-588.0m: wk-str calc;	7689	594.50	596.00	1.50	0.01			
		tr-1X loc py;								
597.1	607.3	(4, str ank, mod ser, MS 25-35) SERICITIC ULTRAMAFIC earthy yellowish green & grey; mcg; 2-4X ankeritic veining; 606.5-607.3m: local bx/gouge seams or faults;	7690	596.00	597.50	1.50	0.27			
		str ank; mod ser;	7691	597.50	599.00	1.50	0.01			
		nil sulphides:								
607.3	625.3	(3a, str calc, str-wk ank, MS 40) MASSIVE MAFIC FLOWS green; fmg; loc lx: i/c is chilled for 30 cm's; 1-3% calcitic veining along and crosscutting wk fol'n at 20-60 deg TCA; 619.0-625.3m: 10% QCV'ing and patchy hem; 623.4-625.3m: mixed Qtz-feldspar-minor chlorite & graphite vein. with loc py up to 3%;	7692	618.00	619.50	1.50	0.01			
		str calc; str changing to wk ank;	7693	619.50	621.00	1.50	0.01			
		tr py;	7694	621.00	622.50	1.50	0.01	0.01		
			7695	622.50	623.50	1.00	0.01			
			7696	623.50	624.50	1.00	0.01			
			7697	624.50	625.30	0.80	0.01			
625.3	693.4	(3b, mod-str calc, wk-mod ank, MS 15-8000) PILLOWED MAFIC VOLCANIC lt greyish green changing to med green; fg; vague pillows (to 645m) with wk chloritic selvages; MS is 15-40 to 675.5m at which point MS varies up to 8000; loc hyaloclastite in selvages more frequent beyond 675m; 644.5-652.0m: 2-3% QC veining in selvages with local 1-3% py;	7698	625.30	626.30	1.00	0.01			
		wk def'n to 644.5m; v wk fol'n at 55-65 deg TCA;	7699	644.50	646.00	1.50	0.01			
		mod changing to str calc; wk-mod ank;	7700	646.00	647.50	1.50	0.01	0.01		
			7701	647.50	649.00	1.50	0.01			
			7702	649.00	650.50	1.50	0.01			
			7703	650.50	652.00	1.50	0.01			
			7704	652.00	653.50	1.50	0.01			
			7705	680.00	681.00	1.00	0.13			
			7706	685.30	686.80	1.50	0.01			
			7707	686.80	688.50	1.70	0.01			
			7708	688.50	690.00	1.50	0.01			
			7709	690.00	691.50	1.50	0.01			
			7710	691.50	693.00	1.50	0.01			

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96133

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS				
							Au Avg	Au R1	Au R2	Au R3	
		essentially nil py; rare pyrite-calcite infilling selvages i.e. 680.5m, 685.5m:									
693.4	710.8	(3d, mod-str ank, wk calc & ser, loc hem, MS 40-80)	7711	693.00	694.50	1.50	0.01				
		HYALOCLASTITE	7712	694.50	696.00	1.50	0.01	0.01			
		lt green with buff yellow or beige; fg shards up to 0.5cm loc;	7713	696.00	697.50	1.50	0.01				
		loc pillow fragments; loc varioles:	7714	697.50	699.00	1.50	0.01				
		2-4% QAV'ing & loc feldspars;	7715	699.00	700.50	1.50	0.01				
		710.2-710.8m: qtz-ank-feldspar vein with 0.5-1% py;	7716	700.50	702.00	1.50	0.01				
			7717	702.00	703.50	1.50	0.01				
		bedded at 55-65 deg TCA:	7718	703.50	705.00	1.50	0.01				
			7719	705.00	706.50	1.50	0.01				
		mod-str ank;	7720	706.50	708.00	1.50	0.01				
		wk calc and ser;	7721	708.00	709.50	1.50	0.01				
		708.4-710.2m: wk patchy hem:									
		trace to <0.5% py overall;									
		loc 2-4% py mainly between 708.4-710.2m:									
710.8	715.3	(3b, str ank, mod calc, MS 40)	7722	709.50	711.00	1.50	0.01				
		PILLOWED MAFIC VOLCANIC	7723	711.00	712.50	1.50	0.01	0.01			
		green; fg; loc pillows are leucoxenitic;	7724	712.50	714.00	1.50	0.01				
		loc contorted;									
		str ank;									
		mod calc;									
		tr py;									
715.3	736.1	(3d, str ank, mod-str hem, mod calc, MS 40-20,000)	7725	714.00	715.50	1.50	0.01				
		HEMATITIC HYALOCLASTITE	7726	715.50	717.00	1.50	0.01				
		mottled purple with beige and buff yellow;	7727	717.00	718.50	1.50	1.14				
		2-5% qtz-feldspar (orange and white) and ank veining with loc	7728	718.50	720.00	1.50	0.01				
		py up to 5-7% over a few cm's; o/c is sharp at 10 deg TCA:	7729	720.00	721.50	1.50	0.01				
			7730	721.50	723.00	1.50	0.01				
		str ank;	7731	723.00	724.50	1.50	0.01				
		715.3-729.5m: mod-str hem;	7732	724.50	726.00	1.50	0.13				
		mod calc;	7733	726.00	727.50	1.50	0.10				
		loc wk ser and loc feldspars (+/- albite);	7734	727.50	729.00	1.50	0.82	0.86	0.77		
			7735	729.00	730.50	1.50	0.23				
		1-4% py overall;	7736	730.50	732.00	1.50	0.06				

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96133

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au Avg	Au R1	Au R2
		mainly fg bedding controlled and clots;	7737	732.00	733.50	1.50	0.01		
			7738	733.50	735.00	1.50	0.01		
736.1	757.9	(3a, lx, mod-str dol, wk calc, MS 35-60) LEUCOXENITIC MASSIVE MAFIC VOLCANIC greyish green to green; 3-7% pinkish white lx; 2-3% dolomitic veining; wk fol'n at 70 deg TCA; 755.0-757.9m: weak shearing/fol'n developing; mod-str dol; wk calc; nil-tr py;	7739	735.00	736.50	1.50	0.01		
757.9	768.6	(3b, mod-wk ank, wk ser, MS 40-60) PILLOWED MAFIC VOLCANIC green; fg; wkly variolitic; 20-70cm pillows with chloritic selvages; 1-3% dolomitic veining; sheared and deformed; shearing/fol'n at 70-80 deg TCA; mod-wk ank; wk ser; tr to locally 2% py associated with selvages;	7740	759.00	760.50	1.50	0.01		
			7741	760.50	762.00	1.50	0.01		
			7742	762.00	763.50	1.50	0.01		
			7743	763.50	765.00	1.50	0.01		
			7744	765.00	766.50	1.50	0.01		
			7745	766.50	768.00	1.50	0.01		
768.6	776.6	(3d, mod ank, wk ser, patchy hem, MS 40-60) HYALOCLASTITE green and beige to purplish, lower contact sharp at 80 degrees TCA. fol'd at 60-75 deg TCA; mod ank; wk ser; mod hem; tr-2% dis py tr spec hem	7746	768.00	769.50	1.50	0.01		
			7747	769.50	771.00	1.50	0.01		
			7748	771.00	772.50	1.50	0.01		
			7749	772.50	774.00	1.50	0.01		
			7750	774.00	775.50	1.50	0.26	0.23	0.29
			7751	775.50	776.60	1.10	0.07		

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96133

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS				
							Au Avg	Au R1	Au R2	Au R3	
776.6	782.4	(3a, mod ank/ser, MS 30) DEFORMED MAFIC VOLCANIC yellow-green, f/mg, foliation at 80-90 deg. TCA chlorite grains, minor qtz/ank stringers 779.0-779.0m: purplish-cream horizon, tr cpy/py lower contact sharp at 70 deg. TCA mod.ank/ser tr. py.	7752 7753 7754 7755 7756	776.60 777.60 779.00 780.00 781.00	777.60 779.00 780.00 781.00 782.40	1.00 1.40 1.00 1.00 1.40	0.01 0.04 0.04 0.01 0.01		0.01	0.08	
782.4	783.4	(Qtz.Bx, gf, MS 10-25) CARBONACEOUS QUARTZ BRECCIA black, fg, bedding at 60 deg.TCA 25% quartz/ankerite veining/clots mod-strong graphite 3% primary clustered py.	7757	782.40	783.40	1.00	0.28				
783.4	790.0	(4, bx, mod.ank, w.ser.loc.sil, MS 5-30) ULTRAMAFIC BRECCIA khaki to black-grey, frags are semi-rounded generally <3cm lower contact at 60 deg TCA weak ser. mod. ank local str. sil graphitic 2% diss py.	7758 7759 7760 7761	783.40 785.00 786.00 787.50	785.00 786.00 787.50 789.00	1.60 1.00 1.50 1.50	0.39 0.03 2.48 0.65				
790.0	827.8	(4, tc/chl, mod-str. ank, MS 90-120) TALC CHLORITE ULTRAMAFIC dk green-black, soft, massive. 15% qtz/ank stringers/clots 795.6m: 4cm gouge section lower contact at 70 deg TCA. mod-str ank. nil-tr py.	7762 7763	789.00 790.50	790.50 792.00	1.50 1.50	0.32 0.04				

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96133

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au Avg	Au R1	Au R2
827.8	831.0	(lb. carb. m. ank) GREYWACKLE grey to black, f-ng, well bedded at 70 deg TCA. carbonaceous beds common, minor qtz/ank stringers. mod ank. nil py. 831.0 End of Hole							

COMMENTS

4/6/96 - move and set up
 5/6/96 - start casing/drilling
 PM 5/6/96 - 37m of casing, first core, using 2x hex core barrel
 AM 6/6/96 - 103m
 AM 7/6/96 - 172m
 AM 8/6/96 - 239m
 PM 8/6/96 - 263m set wedge to correct excessive curvature to west
 AM 9/6/96 - 269m, first core at 261m, hole westward curvature
 reduced by 1.5 deg and steepened 0.5 deg (-57.5/355)
 AM 10/6/96 - 292m, (-56.5/356)
 AM 11/6/96 - 365m
 AM 12/6/96 - 416m
 AM 13/6/96 - 476m, 483m bit/rods stuck, rod split lost water
 AM 14/6/96 rods freed and split rod replaced
 AM 21/6/96 - 771m, shut-down till 15/7/96
 AM 15/7/96 - 771m, start up
 AM 17/7/96 - 807m
 PM 17/7/96 - hole shut-down at 831m

Total metrage in GH96-133 - 831m
 Samples taken to 792m
 Sample N's - 7631 to 7763
 N of Samples - 133
 Total metrage sampled - 184.5m
 % of total hole metrage sampled - 22.2%

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96133

 FROM TO LITHOLOGICAL DESCRIPTION SAMPLE No. FROM TO WIDTH ASSAYS
 Au Avg Au R1 Au R2 Au R3

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
50.00	-68.00	358.00
101.00	-64.50	358.00
152.00	-62.00	355.00
203.00	-59.75	354.00
251.00	-57.25	353.50
269.00	-57.50	355.00
300.00	-56.50	356.00
350.00	-54.25	355.00
400.00	-53.25	354.00
447.00	-53.25	354.00
502.00	-53.75	351.50
550.00	-53.75	350.50
600.00	-54.00	349.00
650.00	-53.50	346.00
700.00	-53.00	348.00
750.00	-53.00	349.00
800.00	-53.00	

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY

HOLE No.: GH96134

Collar Eastings: 2560.00

Collar Northings: -206.00

Collar Elevation: 0.00

Grid: BLACKTOP

Contractor: Bradley Brothers Ltd (Noranda PQ)

Collar inclination: -70.00

Grid Bearing: 360.00

Final Depth: 818.00 metres

Dates drilled: July 20 - Aug 7, 1996

spotted using old grid at 2600E/200S

Logged by: R.E. Gadzala

Date: July 20 - Aug 7, 1996

Down-hole Survey: Sperry Sun

Dates logged: July 21 - Aug 7, 1996

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							As gpt	R1	R2
0	0.1	ADDITIONAL DATA Purpose: Test for PHZ at -600m east of previous known mineralization. Size: N4 casing in hole and capped NTS No.:32D-12 - Claim No.:579595 Blacktop grid co-ord's: L2600E/200S Approx UTM co-ord's: 596600E/5374620N Core Storage: Holloway Lake Campsite							
0.1	21.9	10vb OVERBURDEN							
21.9	72.5	13a. loc str calc. wk ank. loc ix & bx) MASSIVE MAFIC VOLCANIC FLOWS med greyish green; fg: massive non magnetic; loc ix and bx'n: 35.5-38.0m: loc bx'n more evident with a fol'n at 40 deg TCA: 36.6-37.0m: FAULT. 1cm clay gouge: 55.0-72.5m: possible bx'd and siliceous selvages: str calc changing to wk ank by 38m: overall 0.5-1% diss py blebs: loc fracture controlled specularite:							
72.5	225.8	11b. mass. wk frac cntrl'd ser) MASSIVE TO WELY FOL'D GREYWACKE greenish grey; f-mg: 1% qtz ribbons along fol'n: 1-3% calcitic fracture filling non-magnetic: 75m: bubbly; locally could be mistaken for a mafic volcanic: 134.0-155.0m: wk-mod bx'n with 2-4% quartz-calcite infilling. no veining up to 5cm: 203m: localized deformation and brecciation increases with QC infilling (mainly) calc: 203.6-204.0m: def'd: 203.9m: 1cm clayey bubbly seam: 217.7m: 3cm clayey bx at 40 deg TCA parallel to bedding: 224.8-225.8m: 60% QCV'ing:	7764	223.80	224.80	1.00	0.01		
			7765	224.80	225.80	1.00	0.01	0.01	



HOLE No.: GH96134

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96134

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
		massive with wk fol'n at 40-60 deg TCA: bedding becomes evident beyond 164m with tops uphole (south):								
		wk fracture controlled ser:								
		< 0.5- loc 2% fg diss and bedded? py:								
225.8	266.5	(f cgl, wk ank)	7766	225.80	226.80	1.00	0.01			
		MICRO-CONGLOMERATE/DIRTY WACKE	7767	226.80	227.80	1.00	0.01			
		greenish grey; f-cg with 1% clasts up to 2cm; jasper shards and clasts ie 246m: 2-3% calcitic fracture filling:	7768	263.00	264.00	1.00	0.01			
		264.0-266.5 m: br'd with 5-10% QC infilling:	7769	264.00	265.50	1.50	0.01	0.01		
			7770	265.50	267.00	1.50	0.01			
			7771	267.00	268.50	1.50	0.01			
		massive to weakly bedded at 40 deg TCA:								
		wk ank:								
		nil to tr py:								
266.5	281.5	(fb, wk ank, wk frac cntrl'd ser)								
		GREYWACKE								
		greyish green; fg; grades from the previous unit: 1% calcitic fracture filling:								
		wk ank:								
		wk fracture and bedding controlled sericite which increases towards the o/c:								
		nil to tr py:								
281.5	309.4	(f def, mod-str ank, mod ser)	7772	281.50	282.50	1.00	0.01			
		DEFORMED SEDIMENT	7773	282.50	284.00	1.50	0.01			
		probably a wacke; greenish yellow and buff; fg:	7774	284.00	285.50	1.50	0.01			
		10-20% qtz-ank locally; i/c at 30 deg TCA:	7775	285.50	287.00	1.50	0.01			
			7776	287.00	288.50	1.50	0.01			
		fol'd at 40-60 deg TCA with contorted sections:	7777	288.50	290.00	1.50	0.01			
		285.0-291.5: fol'n varies to subparallel TCA, deformed and folded:	7778	290.00	291.50	1.50	0.01			
			7779	291.50	293.00	1.50	0.01			
		mod-str ank:	7780	293.00	294.50	1.50	0.01			
		mod ser:	7781	294.50	296.00	1.50	0.01	0.01		
		sil flooding:	7782	296.00	297.50	1.50	0.01			
			7783	297.50	299.00	1.50	0.01			

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96134

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
			7784	299.00	300.50	1.50	0.01			
			7785	300.50	302.00	1.50	0.01			
			7786	302.00	303.50	1.50	0.01			
			7787	303.50	305.00	1.50	0.01			
			7788	305.00	306.50	1.50	0.01			
			7789	306.50	308.00	1.50	0.01			
309.4	319.0	(fb. mod ank-ser)	7790	308.00	309.50	1.50	0.01			
		GREYWACK	7791	317.00	318.50	1.50	0.01			
		greenish yellow-grey; fg; 2-3% QC ribbons:								
		bedded at 55 deg TCA;								
		wk def'n increasing towards o/c:								
		mod ank-ser:								
		nil-tr py:								
319.0	369.5	(1 def. str ank, wk-mod ser, wk-mod hem)	7792	318.50	320.00	1.50	0.01	0.01		
		DEFORMED SEDIMENT	7793	320.00	321.50	1.50	0.01			
		similar to 281.5-309.4m: colour varies from green to reddish	7794	321.50	323.00	1.50	0.01			
		brown to tan; local conglomerate and micro-conglomeratic	7795	323.00	324.50	1.50	0.01			
		sections with jasper shards and clasts:	7796	324.50	326.00	1.50	0.01			
		334-350m: mainly conglomerate:	7797	326.00	327.50	1.50	0.01			
		locally QA veining mainly within the hematitic sections:	7798	327.50	329.00	1.50	0.01			
		350.0-351.5m: 5-10% QA veining:	7799	329.00	330.50	1.50	0.01			
		fol'd at 50-55 deg TCA:	7800	330.50	332.00	1.50	0.01			
			7801	332.00	333.50	1.50	0.01			
			7802	333.50	335.00	1.70	0.01			
		str ank:	7803	345.00	346.50	1.50	0.01	0.01		
		wk-mod ser:	7804	346.50	348.00	1.50	0.01			
		334.0-343.0m: wk-mod hem:	7805	348.00	349.50	1.50	0.01			
		347.0-351.0m: wk hem:	7806	349.50	351.00	1.50	0.01			
		350.0-356.0m: mod-str ser:	7807	351.00	352.50	1.50	0.01			
		363.0-369.5m: wk-mod hem:								
		nil-tr py:								
		locally 3-5% over short sections ie 346m:								
369.5	381.5	(icgl. mod ser, wk-mod ank)								
		CONGLOMERATE								
		yellowish grey; cs matrix with 5-10% clasts up to 4cm; jaspers:								
		<1% QA fracture filling:								

HOLE No.: GH96134

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96134

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
		mod ser: wk-mod ank: tr-lxpy locally:								
361.5	400.5	(lb. mod-str ser. mod ank) GREYWACK greyish yellow; fg; rare QA veinlets; bedded at 45-65 deg TCA: mod-str ser: mod ank: nil py:								
400.5	424.3	(3/4 bx/cgl. chl/tc/lx) MAFIC-ULTRAMAFIC BRECCIA/SHEARED CONGLOMERATE looks conglomeratic then changes to more brecciated & sheared with elongated clasts and rotated clasts: soft; med-dk green-grey: mg matrix with stretched clasts oriented 30-50 deg TCA averaging 40 deg TCA: high ultramafic component: clasts up to 5cm+ with stretched widths up to 3cm: clasts are mafic and ultramafic: local lx in clasts and in matrix: chloritic and locally weakly talcose: weak ankerite: weak calcite changing to moderate beyond 412m where shearing is stronger: tr to loc lx py. the majority of the py is contained within lt green to buff green mafic clasts that contain up to 20-30% py in rare clasts:	7808	400.50	402.00	1.50	0.05			
			7809	402.00	405.50	1.50	0.04			
			7810	405.50	405.00	1.50	0.01			
			7811	405.00	406.50	1.50	0.01			
			7812	406.50	406.00	1.50	0.01			
			7813	408.00	409.50	1.50	0.01			
			7814	409.50	411.00	1.50	0.01			
			7815	411.00	412.50	1.50	0.01			
			7816	412.50	414.00	1.50	0.01			
			7817	414.00	415.50	1.50	0.01			
			7818	415.50	417.00	1.50	0.01			
			7819	417.00	418.50	1.50	0.04			
			7820	418.50	420.00	1.50	0.01			
			7821	420.00	421.50	1.50	0.01			
			7822	421.50	423.00	1.50	0.37			
424.3	445.9	(cgl. mod calc. loc wk-mod hem. loc ser) CONGLOMERATE greyish green to dk pinkish green: f-cg matrix with clasts <1cm to >5cm: locally well sheared with elongated and rotated clasts: clasts are felsic and mafic in composition with scoria (buff white) being present most notably between 426-434m:	7823	423.00	424.50	1.50	0.01			
			7824	424.50	426.00	1.50	0.03			
			7825	426.00	427.50	1.50	1.91			
			7826	427.50	429.00	1.50	2.30			
			7827	429.00	430.50	1.50	0.06			
			7828	430.50	432.00	1.50	0.01			

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96134

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
		bedding/shearing at 30-50 deg TCA:								
		mod pervasive and diss calcitic vein clasts:								
		local wk-mod hem. i.e. 424.3-437.0m:								
		local mod ser:								
		overall < 1% py:								
		426.3-428.0m: 3-5% diss py & rare cpy in QCV'ing:								
445.9	465.5	(lsst < cgl>, wk-str hem, mod ank/ser)	7829	444.50	446.00	1.50	0.01			
		SANDSTONE, MINOR CONGLOMERATE	7830	446.00	447.50	1.50	0.04			
		buff yellow to pink to red: mcg sand with local conglomerate	7831	447.50	449.00	1.50	0.01			
		beds with clasts up to 1-2cm: non-magnetic: i/c has QA vein	7832	449.00	450.50	1.50	0.03			
		flooding making an irregular contact:	7833	450.50	452.00	1.50	0.08			
			7834	452.00	453.50	1.50	0.05			
		bedded at an average 50 deg TCA but varies from 40-65 deg TCA:								
		moderate ank-ser:								
		wk hem and locally strong i.e. 445.9-452.8m:								
		wk fracture controlled calcite:								
		trace to nil pyrite:								
465.5	529.0	(fb, wk-mod ser/ank)	7835	472.60	473.60	1.00	0.01			
		GREYWACKS	7836	473.60	474.70	1.10	0.01			
		green to yellowish green: f-cg: non-mag:	7837	474.70	475.40	0.70	0.01			
		472.6-475.4m: bx'd with QA and calcitic infilling:	7838	507.00	508.00	1.00	0.01			
		474.5-474.7m: FAULT, rubble and gouge with alteration changing	7839	508.00	509.00	1.00	0.01			
		sharply from wk (uphole) to mod (downhole):	7840	509.00	510.00	1.00	0.04			
		507.4-509.5m: graphitic argillite beds:	7841	510.00	511.00	1.00	0.01			
		508.8-514.5m: 3-5% QA veining:	7842	511.00	512.00	1.00	0.01			
		520.0-529.0m: 3% QA veining and metasomatic patches	7843	512.00	513.00	1.00	0.01			
		with possible fg lx:	7844	513.00	514.00	1.00	0.01			
			7845	514.00	515.00	1.00	0.05			
		bedded at avg 60 deg TCA but varies 25-75 deg TCA locally:	7846	515.00	516.50	1.50	0.01			
			7847	516.50	518.00	1.50	0.01			
		465.5-474.0m: wk ser/ank:	7848	518.00	519.50	1.50	0.01			
		474.0-482.0m: mod ser/ank:	7849	519.50	521.00	1.50	0.01			
		482.0-505.7m: wk ser/ank:	7850	521.00	522.50	1.50	0.01			
		505.7-514.5m: mod ser/ank:	7851	522.50	524.00	1.50	0.03			
		514.5-529.0m: wk-mod ser/ank:	7852	526.00	527.50	1.50	0.01			
			7853	527.50	529.00	1.50	0.01			
		trace to nil pyrite:								

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96134

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
529.0	536.0	(3a. lx. mod-str calc. wk ank: MASSIVE LEUCOKENITIC MAFIC VOLCANIC green: fmg; non-magnetic: 5-10% lx: wkly fol'd at 50-60 deg TCA and locally deformed: mod-str perv calc: wk ank: tr py and loc cpy: 1-2% py and cpy at 529.4-529.6m. 530.0-530.3m:	7854	529.00	530.50	1.50	1.34		
			7855	530.50	532.00	1.50	0.11		
			7856	532.00	533.50	1.50	0.01		
			7857	533.50	535.00	1.50	0.04		
536.0	546.6	(3. def'd/shr'd. str ank/ser. mod frac cntrl'd calc) DEFORMED/SHEARED MAFIC VOLCANIC yellowish green: fg; non-mag: 544.0-545.0m: bx'd with minor rubble: local quartz-calcite-hematite altered sections with cpy and py blebs up to 2%: 1-2% Qtz-ank and calc veining that is post and contemporaneous with shearing: strong shearing sub-parallel TCA to 50 deg TCA with local deformed sections: str ank/ser: mod frac cntrl'd calc: tr py;	7858	535.00	536.50	1.50	0.03		
			7859	536.50	538.00	1.50	0.07		
			7860	538.00	539.50	1.50	0.03		
			7861	539.50	541.00	1.50	0.01		
			7862	541.00	542.50	1.50	0.01		
			7863	542.50	544.00	1.50	0.01		
			7864	544.00	545.00	1.00	0.01		
			7865	545.00	546.00	1.00	0.03		
			7866	546.00	547.50	1.50	0.10		
548.6	601.8	(3b. str ank/ser to str calc) PILLOWED MAFIC VOLCANIC buff yellowish grey changing to green: fg; non-mag: pillows are vague at first but become distinct by 560m: 1-2cm chloritic selvages at average 40 deg TCA 1% QA veining along fol'n: 2-3% calcitic veining: 550.7-551.0m: greyish QAV along fol'n: 586.9-587.4m: rubbly. 1-2cm gouge at 15 deg TCA which crosscuts the selvages which are at 40 deg TCA: 590.0-601.8m: almost all selvages are pyritic: wkly fol'd at 40 deg TCA to 560m:	7867	547.50	549.00	1.50	0.01		
			7868	549.00	550.50	1.50	0.16		
			7869	550.50	552.00	1.50	0.03		
			7870	557.00	558.00	1.00	0.01		
			7871	558.00	559.00	1.00	0.01		
			7872	559.00	560.00	1.00	0.13		
			7873	560.00	561.00	1.00	0.08		
			7874	561.00	562.00	1.00	0.01		
			7875	593.00	594.50	1.50	0.01		
			7876	594.50	596.00	1.50	0.01		
			7877	596.00	597.50	1.50	0.01		
			7878	597.50	599.00	1.50	0.01		
			7879	599.00	600.50	1.50	0.01		

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96134

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
		548.6-564.0m: str ank/ser decreasing to 564m: 564.0-601.8m: str calc:								
		0.5-1% frac cntrl'd py: rare selvage may have 3-5% py:								
601.8	606.6	(3d. bx. str ank. wk-mod ser) HYALOCLASTITE/PILLOW BRECCIA buff grey; mainly hyaloclastite (1-3mm) and occasional pillow fragments: 1% calcitic veining; local bx'n with fine qtz infilling rarely with pyrite:	7880	600.50	602.00	1.50	0.01	0.01		
		bedded at 40 deg TCA:	7881	602.00	603.50	1.50	0.01			
		str ank: wk-mod ser:	7882	603.50	605.00	1.50	0.01			
		1-2% pyrite clots and blebs:	7883	605.00	606.50	1.50	0.01			
606.6	611.2	(3b<a>. str ank. mod-str ser) VAGUELY PILLOWED TO MASSIVE MAFIC VOLCANIC buff yellowish grey; fmg; 1-2% ank fracture filling:	7884	606.50	608.00	1.50	0.01			
		wk fol'n at 30-45 deg TCA:	7885	608.00	609.50	1.50	0.01			
		str ank: mod-str ser:	7886	609.50	611.00	1.50	0.01			
		trace to nil pyrite:								
611.2	613.5	(3bx. str ank. mod ser) MAFIC BRECCIA grey; fragments avg 0.5-1cm: 1% ank and calc veining; this may be a pillow top breccia:	7887	611.00	612.50	1.50	0.01			
		fol'd at 30 deg TCA:								
		str ank: mod ser:								
		1-2% py clots and along fol'n:								

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96134

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
613.5	623.7	(3b. mod-str ank/ser) PILLOWED MAFIC VOLCANICS buff grey; fg: non-mag; pillows average 20-40cm; selvages usually w/ly chloritic and sulphidic; occasional pillow will have fine dusting of pyrite; 1% calcitic veining mainly in or near selvages: mod to locally str ank/ser: overall 1-3% pyrite; pyrite is mainly in the selvages with occasional pillows containing a fine 1-2% dusting of pyrite:	7888 7889 7890 7891 7892 7893 7894	612.50 614.00 615.50 617.00 618.50 620.00 621.50 623.00	614.00 615.50 617.00 618.50 620.00 621.50 623.00	1.50 1.50 1.50 1.50 1.50 1.50 1.50	0.01 0.01 0.01 0.01 0.01 0.01 0.01			0.01
623.7	626.5	(3bx. str ank. mod ser) MAFIC BRECCIA same as 611.2-613.5m:	7895 7896	623.00 624.50	624.50 626.00	1.50 1.50	0.06 0.05			
626.3	638.0	(3. fol'd. str ank/ser) MAFIC VOLCANIC possibly pillowed?: buff yellowish grey; 1-2% QA veining of which 95% is deformed: 629.0-629.3m: graphitic qtz breccia: weakly sheared increasing to mod by 638m: str ank/ser: local fracture controlled graphite: trace pyrite:	7897 7898 7899 7900 7901 7902 7903 7904	626.00 627.50 629.00 630.50 632.00 633.50 635.00 636.50 638.00	627.50 629.00 630.50 632.00 633.50 635.00 636.50 638.00	1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	0.18 0.16 1.50 0.04 0.01 0.01 0.01 0.01			
638.0	652.0	(3. shr'd. str ank/ser, loc graphite) SHEARED MAFIC VOLCANIC as previous but strongly sheared at 30-50 deg TCA: buff yellowish grey; fg: non-magnetic; local graphitic qtz-ank veining; 1-2% deformed QA veining: str ank/ser: local graphite along shear planes and occasionally with veining: trace to 1% pyrite overall with local 2-4% along shear planes:	7905 7906 7907 7908 7909 7910 7911 7912 7913	638.00 639.50 641.00 642.50 644.00 645.50 647.00 648.50 650.00	639.50 641.00 642.50 644.00 645.50 647.00 648.50 650.00	1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01			
652.0	707.7	(3b. bx. mod-str calc. mod-wk ank. wk chl) LEUCOXENITIC PILLOWED AND BRECCIATED MAFIC VOLCANICS	7914 7915	651.50 653.00	653.00 654.50	1.50 1.50	0.01 0.01			0.01

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96134

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
		green to greyish green: fg: breccia sections have fragments averaging 1-5cm but locally 10cm+; fine lx up to 5-7% locally: lx most evident in the brecciated sections while weakly developed in the pillows; local chloritic spotting in rare pillow fragments: brecciated sections frequent and may comprise 50-70% of this unit at least locally:	7916	654.50	656.00	1.50	0.01			
		676.6-676.7m: FAULT. clayey gouge and pink dolomitic cement:	7917	727.00	727.70	0.70	0.01			
		brecciation and local shearing at an average 35 deg TCA and varies 30-45 deg TCA								
		mod-str calc:								
		mod-wk ank:								
		wk chl:								
		652.0-655.3m: mod ser:								
		trace pyrite:								
727.7	796.9	(3b, str calc, wk ser/ank, loc amyg/graph/alb)	7918	727.70	729.00	1.30	0.11			
		PILLOWED MAFIC VOLCANIC	7919	739.00	740.00	1.00	0.01			
		grey with local greenish hue: fg: sporadic amygdules that become well developed beyond 751.5m: occasional selvages have graphite as at 744m, 744.5m, 746m: occasional selvages are bleached to moderately albitized as at 739.6-739.8m, 740.4-740.6m, 741-742m:	7920	740.00	741.00	1.00	0.01			
			7921	741.00	742.00	1.00	0.01			
			7922	766.50	768.00	1.50	0.80			
			7923	771.50	772.00	0.50	0.28			
			7924	777.00	778.00	1.00	0.08			
		727.7-729.0m: brecciated with graphite and qtz with local pyrite and cpy blebs and clots:	7925	781.70	782.20	0.50	1.15	1.12	1.16	
			7926	787.50	789.00	1.50	0.69			
		787.9-992.5m: deformed with QC veining:	7927	789.00	790.50	1.50	1.28			
			7928	790.50	792.00	1.50	0.36			
		locally fol'd and def'd. i.e. 788-792m:	7929	792.00	793.00	1.00	0.70			
		str calc:								
		wk ser/ank:								
		0.5-1% pyrite with rare cpy with qtz and calcite veining:								
796.9	804.4	(3a, lx, mod-str calc, wk-mod ank)	7930	796.00	797.00	1.00	0.01	0.01		
		LEUCOXENITIC MASSIVE MAFIC VOLCANIC	7931	797.00	798.50	1.50	0.01	0.01		
		green grey: mg: non-magnetic: 3-7% lx: 1-2% calcitic ribbons:	7932	798.50	800.00	1.50	0.01			
			7933	800.00	801.50	1.50	0.01			
		mod-str calc:	7934	801.50	803.00	1.50	0.01			
		wk-mod ank:	7935	803.00	804.40	1.40	0.01			

HOLE No: GH96134

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96134

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
		nil to trace pyrite:								
804.4	818.0	(4bx. str ser/ank/tc/chl)	7936	804.40	806.00	1.60	0.01			
		ALTERED ULTRAMAFIC BRECCIA	7937	806.00	807.50	1.50	0.01			
		grey to earthy yellowish green; fg:	7938	807.50	809.00	1.50	0.01			
		804.4-812.7m: SXQA veining. RQD's 60-70% and the colour is grey	7939	809.00	810.50	1.50	0.01			
		with botchy green patches:	7940	810.50	812.00	1.50	0.01			
		811.3-811.7m: FAULT. clayey gouge and rubble at 40-60 deg TCA:	7941	812.00	813.50	1.50	0.01			
		812.0-812.7m: graphitic argillite at 40 deg TCA:	7942	813.50	815.00	1.50	0.01			
		mod-str ser/ank/tc/chl:	7943	815.00	816.50	1.50	0.01	0.01		
		812.7-818.0: str ser altered with increase in tc/chl alteration:	7944	816.50	818.00	1.50	0.01			
		818.0m: E.O.H.								

COMMENTS

20/7/96 start drilling. 2X hex core barrel
 31/7/96 2X hex taken off. 2X round on at 405m
 7/8/96 entered ultramafic - E.O.H. - 818m

Total metreage in GH96-134 - 818m
 Samples taken to 818m
 Au Assay Sample R's - 7631 to 7944
 WEA Sample R's - 34458 to 34470
 R of Whole Rock Samples - 13
 R of Assay Samples - 181
 Total metreage sampled - 250.5m
 % of total hole metreage sampled - 30.6%

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96134

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
32.00	-67.50	363.00
82.00	-67.00	362.50
132.00	-56.25	362.50
182.00	-65.00	361.50
232.00	-64.50	361.00
282.00	-63.25	361.00
332.00	-63.00	358.50
382.00	-61.50	360.00
432.00	-59.50	360.00
482.00	-59.00	361.00
532.00	-58.75	362.00
582.00	-58.00	362.50
632.00	-57.00	364.50
682.00	-56.25	366.00
732.00	-56.50	365.00
782.00	-54.50	367.00

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96134

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
		DEPTH INCLINATION BEARING							
		818.00 -54.00 367.00							

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY

HOLE No.: GH96135

Collar Eastings: 1588.00

Collar Northings: -215.00

Collar Elevation: 0.00

Grid: BTZ-MAIN

Contractor: Bradley Brothers Ltd (Noranda PQ)

Collar Inclination: -68.00

Grid Bearing: 360.00

Final Depth: 777.00 metres

Drilled: Sept 13-30, 1996 / Logged Sept 14-30, 1996 old grid co-ord's L1600E/225S corrected co-ord's to use are L1588E/215S

Logged by: S. McCann/R.E. Gadzala

Date: Sept 13-30, 1996

Down-hole Survey: Sperry Sun

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
0	0.1	ADDITIONAL DATA Purpose: Test for PHE at -400mL Size: NQ, casing in hole and capped NTS No.: 320/12 - Claim No.: 579661 & 579662 Blacktop grid co-ord's: L1600E/225S Corrected co-ord's: L1588E/215S Approx UTM co-ord's: 595600E/5374800 Core Storage: Holloway Lake Campsite							
0.1	40.3	(ovb) OVERBURDEN casing down to 41.0m;							
40.3	107.3	(lbc, wk ank, loc. ser, nil-tr. py) GREYWACKIE/ARGILLITE lg: grey wackestone with loc. narrow <2cm beds of argillite at 30 deg TCA; 3-5% crosscutting qtz/cal stringers and fracture fillings: occasional qtz/ank stringers: 40.3-41.7: blocky interval. RQD=10%: 62.5-65.0: bedding at 10 deg TCA: 93.8-95.5: altered interval; mod ser/sil, bleached, 20% qav's 2% diss py: 101.3-102.1: sericitized interval, 20% qav's, 1-2% diss py: 104.0-107.3: sericitized interval, 35% qav's, tr-1% diss py: wk ank, loc ser haloes nil-tr py:	10877	91.80	92.80	1.00	0.01		
			10878	92.80	93.80	1.00	0.01		
			10879	93.80	94.60	0.80	0.01		
			10884	94.60	96.00	1.40	0.01		
			10881	96.00	97.00	1.00	0.01		
			10882	101.00	102.00	1.00	0.01		
			10883	102.00	103.30	1.30	0.01		
			10880	103.30	105.00	1.70	0.01		
			10885	105.00	106.50	1.50	0.01		
107.3	213.0	(laccgl), wk hem, mod ank, tr py) CONGLOMERATE mg: reddish-grey; generally massive with loc bedding at 40-50 deg TCA; clasts usually <5cm with mm scale jasper common; occasional qtz/ank stringers and fractures: 200.0-213.0m: locally porphyritic looking and possibly dykelets: mod ank, wk hem overall:	10886	106.50	108.00	1.50	0.14	0.11	0.17
			10887	108.00	109.50	1.50	0.01		

2.17704

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96135

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
		184.5-200.0m: wk-mod hem: tr py/cpy;							
213.0	244.5	(6a, wk-mod hem & ank) FELDSPAR PORPHYRY green to dk red; fg matrix with 1-3mm feldspar phenocrysts; variably hematite altered; 228.9-229.6m: calcitic and rubbly; fol'd at avg 45 deg TCA but locally 30-45 deg TCA; wk-mod hem & ank; tr py;							
244.5	256.1	(1ark/sst, mod-wk hem wk ank & ser) ARKOSIC SANDSTONE red to buff pink; mg; rare qtz-ank-feldspar veinlets; bedded at avg 40 deg TCA but varies between 30-50 deg TCA; mod changing gradually to wk hem; wk ank & ser; nil py;							
256.1	282.8	(1b <cgl>, str ser, wk ank) GREYWACKE WITH MINOR CONGLOMERATE buff yellowish green: fmg; 260.4-263.0m: conglomerate, hetrolithic with u/m felsic intrusive and bleached siliceous mafic clasts, rare jasper and sulphidic clasts; 265.5-268.0m: conglomerate, hetrolithic with mafic, u/m and qtz clasts in a green fuchsitic u/m matrix; 269.0-274.0m: wacke is deformed with 1-3% QA veining; str ser primarily in the wacke while mod fu in the cgl; wk ank; 269.0-269.0m: wkly siliceous; 274.9-279.0m: wk hem; 274.9-282.8m: wk-mod ser, str ank;	19886 10889	267.60 269.10	269.10 270.70	1.50 1.60	0.23 0.01		

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BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
		nil to trace pyrite:								
282.8	293.3	(lgl, shr'd, str ank, wk ser, wk calc) SHEARED CONGLOMERATE/BRECCIA greyish green: f-cg matrix with rounded & angular clasts up to 4cm (rare) down to cg sand in size but avg 0.3-1.0cm; hetrolithic with clasts of mafics predominantly including clasts of varioles, leucxenitic mafics etc in a mafic matrix; sheared sub-parallel TCA to 30 deg TCA but averages 10 deg TCA; str ank: wk ser: wk calc: tr py;								
293.3	297.5	(fb, str ser, mod ank) GREYWACKE greenish to buff yellow: fg: 1% QA veinlets also contorted & broken up; wkly deformed; str ser: mod ank: tr-1% py as beds and fracture filling;	10890	293.00	294.50	1.50	0.03			
			10891	294.50	296.00	1.50	0.06			
			10892	296.00	297.50	1.50	0.01			
297.5	311.4	(3d, var, shr'd, str ank, wk hem, wk calc) VARIOLITIC HYALOCLASTITE green with mottling of purple & buff: strongly variolitic with varioles locally up to 1-cm: 1% QA veining; fol'd/shr'd at 0-30 deg TCA but averaging 15 deg TCA; str ank: wk hem: wk calc: 311.0-311.4m: str sil/alb: tr-1% py overall: 311.0-311.4m: 2-4% py mainly diss and locally clustered;	10893	297.50	299.00	1.50	0.17			
			10894	299.00	300.50	1.50	0.01			
			10895	300.50	302.00	1.50	0.06			
			10896	302.00	303.50	1.50	0.02			
			10897	303.50	305.00	1.50	0.01			
			10898	305.00	306.50	1.50	0.01	0.01		
			10899	306.50	308.00	1.50	1.72			
			10900	308.00	309.50	1.50	0.05	0.04	0.05	
			10901	309.50	311.00	1.50	0.03			
			10902	311.00	311.40	0.40	0.41			

HOLE No: GH96135

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
311.4	328.3	(3a, lx, fol'd, wk-str calc) LEUCOXENITIC MASSIVE MAFIC VOLCANIC green to greyish green: fmg: 1-5% fg lx: fol'd at 35 deg TCA: wk-str calc: tr-lx py:	10903	311.40	312.10	0.70	0.11		
			10904	312.10	312.70	0.60	0.01		
328.3	334.3	(3c, shr'd, str ank, wk ser) SHEARED MAFIC FLOW TOP BRECCIA buff green; fg: this unit is betrolithic with various mafic clasts in a mafic matrix that locally has fuchsitic wisps: sheared at 20-50 deg TCA but averages 40 deg TCA: str ank: wk ser: tr-lx py:	10905	328.00	329.50	1.50	0.01		
			10906	329.50	331.00	1.50	0.01		
			10907	331.00	332.50	1.50	0.01		
			10908	332.50	334.00	1.50	0.01		
334.3	360.5	(3b, mod-str calc) PILLOWED MAFIC VOLCANIC green: fg: pillows are 20-50cm with lcm chloritic selvages at an average 45 deg TCA but vary from 30 to 60 deg TCA: 1-5% calcitic fracture filling and veinlets: 345.0-345.1m: QCV, vuggy, minor pyrite blebs with chloritic wisps and ribbons; 358.0-360.5m: locally variolitic: mod to str calcite alteration varying from pillow to pillow: trace pyrite:	10909	334.00	335.50	1.50	0.06	0.08	0.07
			10910	344.50	345.00	0.50	0.01		
			10911	345.00	345.50	0.50	0.01		
			10912	345.50	346.00	0.50	0.01		
			10913	359.00	360.50	1.50	0.01		
360.5	368.0	(3d, str ank, wk calc) HYALOCLASTITE green: fg: locally weakly variolitic: 1-3% hematitic calcite +/- Qtz veining: sheared at 25-50 deg TCA:	10914	360.50	362.00	1.50	0.01		
			10915	362.00	363.50	1.50	0.01	0.01	
			10916	363.50	365.00	1.50	0.01		
			10917	365.00	366.50	1.50	0.01		
			10918	366.50	368.00	1.50	0.01		

HOLE No: GH96135

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96135

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
		str ank; wk calc;								
		tr py;								
368.0	371.0	(3b. shr'd, str ank. wk calc) PILLOWED MAFIC VOLCANICS green: fg;	10919	368.00	369.50	1.50	0.01			
		sheared at 20-50 deg TCA;	10920	369.50	371.00	1.50	0.01			
		str ank; wk calc;								
371.0	383.7	(4. str ank. mod tc/chl. wk ser) ULTRAMAFIC mottled grey: feg; 374.0-379.0m: 5% QA veining;	10921	371.00	372.50	1.50	0.01	0.01		
		fol'd at an average 50 deg TCA but is locally 30-70 deg TCA;	10922	372.50	374.00	1.50	0.01			
		str ank; mod tc/chl; wk ser;	10923	374.00	375.50	1.50	0.01			
		nil pyrite;	10924	375.50	377.00	1.50	0.01			
			10925	377.00	378.50	1.50	0.01			
383.7	390.5	(1b. mod ser/ank) GREYWACKE greenish grey: feg;	10926	388.70	390.50	1.80	0.70			
		bedded at 60 deg TCA; tops appear to be uphole (south) from poorly graded bedding;								
		mod ser/ank;								
		nil pyrite;								
390.5	553.0	(4. mod ank. patchy tl/ch. fu) ULTRAMAFIC mg. olive green. chloritic basaltic komatiite. fol at 60 deg TCA. 3% qtz/ank stringers. loc deformation with brecciated appearance	10927	390.50	391.50	1.00	0.04			
			10928	391.50	392.50	1.00	0.01			
			10929	423.00	424.50	1.50	0.06			
			10930	424.50	426.00	1.50	0.06			
			10931	462.50	463.50	1.00	0.20			

HOLE No: GH96135

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96135

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
		390.5-391.2: wkly min interval. 1-2% py, patchy alb	10932	463.50	464.50	1.00	0.18	0.18	0.17
		462.6-463.5: ait interval, black grey, chloritic and wkly sil.	10933	464.50	466.00	1.50	0.07		
		5% py as clusters and blobs throughout.	10934	466.00	467.50	1.50	0.01		
		464.1-464.2: as above:	10935	483.00	484.50	1.50	0.01		
			10936	484.50	486.00	1.50	0.01		
		mod ank, patchy tl/ch: fu	10937	486.00	487.50	1.50	0.01		
			10938	487.50	489.00	1.50	0.02	0.04	0.01
		tr-1% py:	10939	496.00	497.50	1.50	0.01		
			10940	497.50	499.00	1.50	0.01		
			10941	499.00	500.50	1.50	0.01		
			10942	500.50	502.00	1.50	0.01		
			10943	526.00	527.50	1.50	0.01		
			10944	527.50	529.00	1.50	0.01		
			10945	529.00	530.50	1.50	0.01		
			10946	530.50	532.00	1.50	0.01		
			10947	532.00	533.50	1.50	0.17		
			10948	533.50	535.00	1.50	0.52		
			10949	535.00	536.50	1.50	0.04		
			10950	536.50	538.00	1.50	0.01	0.01	
			10951	538.00	539.50	1.50	0.01		
			10952	539.50	540.50	1.00	0.01		
553.0	565.6	(4, tc/chl/ank) TALC CHLORITE ULTRAMAFIC dk green; fg; 5% ankeritic veining; fol'd at 50 deg TCA; str tc-chl; mod ank; tr-1% py:	10953	564.00	565.60	1.60	0.01		
565.6	595.6	(3a, lx, wk ank/calci) LEUCOXENITIC MASSIVE MAFIC grey green; fg; 1-5% fg lx; 1-3% QA veining; 569.6-570.3m: QAV, tr py; 580.5-585.5m: mod ser, 20% QAV; 588.9-589.5m: 50%QACV, 3-5% clustered py; locally fol'd at 50-60 deg TCA; wk ank:	10954	565.60	567.00	1.40	0.01		
			10955	567.00	568.50	1.50	0.01		
			10956	568.50	569.50	1.00	0.01		
			10957	569.50	570.50	1.00	0.01		
			10958	570.50	572.00	1.50	0.01		
			10959	580.50	582.00	1.50	0.01		
			10960	582.00	583.50	1.50	0.01		
			10961	583.50	585.00	1.50	0.01	0.01	
			10962	585.00	586.50	1.50	0.01		
			10963	586.50	588.00	1.50	0.01		

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BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96135

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	E1	E2
		wk patchy calc:	10964	588.00	589.50	1.50	0.01		
			10965	589.50	591.00	1.50	0.01		
		tr py:							
595.6	602.6	(3a, var. mod ank)	10966	595.60	597.00	1.40	0.01		
		VARIOLITIC MAFIC FLOWS	10967	597.00	598.50	1.50	0.01		
		mg. green with buff sections. fol at 80 deg TCA. cream	10968	598.50	600.00	1.50	0.01		
		colored varicoles generally <1.0cm. loc deformation.	10969	600.00	601.00	1.00	0.01		
			10970	601.00	602.50	1.50	0.01		
		mod ank:							
		1-2% clustered fine pyrite:							
602.6	608.6	(3d, hyal, str ank, wk hem, loc sil, 2% py)	10971	602.50	604.00	1.50	0.01		
		HYALOCLASTITE	10972	604.00	605.00	1.00	0.01	0.01	
		mg. buff to purplish green. occasional variole. deformed:	10973	605.00	606.00	1.00	0.18		
			10974	606.00	607.00	1.00	0.07		
		str ank:	10975	607.00	608.60	1.60	0.04		
		wk hem:							
		loc sil:							
		2% diss and stockwork py:							
608.6	657.4	(3b, mod ank, str cal, loc ser)	10976	608.60	609.60	1.00	0.01		
		PILLOWED MAFIC VOLCANICS	10977	609.60	610.60	1.00	0.01		
		green, fmg, 3% qtz/cal stringers, selvages are dark green and	10978	648.00	649.50	1.50	0.01		
		have veining at margins. fol at 50 deg TCA:	10979	656.00	657.00	1.00	0.01		
		608.6-614.5m: lx grains common:							
		656.7-657.0m: rubble zone:							
		657.0-657.4m: QAV, 10% chlorite clots, tr py:							
		mod ank:							
		str cal:							
		loc ser haloes:							
		tr-1% loc py:							
657.4	671.7	(3a, var. mod ank, tr py)	10980	657.00	658.50	1.50	0.01		
		VARIOLITIC MAFIC FLOWS	10981	658.50	660.00	1.50	0.01		
		mg. green, fol at 50 deg TCA. varicoles are cream colored and	10982	660.00	661.50	1.50	0.01		
		up to 3cm in size. <3% QA stringers, occasional hyaloclastite:	10983	661.50	663.00	1.50	0.01	0.01	
		658.3-658.5m: Hyaloclastite, mod hem, bleached, tr py:	10984	669.00	670.50	1.50	0.01		
			10985	670.50	671.70	1.20	0.01		

HOLE No: GH96135

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DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96135

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
		mod ank;								
		tr py:								
671.7	685.0	(3<7>, mod ank, sil, hem, 3%py)	10986	671.70	673.20	1.50	0.01			
		ALTERED MAFIC VOLCANIC	10987	673.20	674.00	0.80	1.81			
		mg, purplish green with bleached intervals, deformed, 5% qtz/ank	10988	674.00	675.00	1.00	0.04			
		stringers and veinlets, hyaloclastite horizons common, loc lx,	10989	675.00	676.50	1.50	0.06			
		loc deformed varioles as at 673.7m, l.c. gradational:	10990	676.50	678.00	1.50	0.14			
		677.8-681.4m: unaltered mafic vol, green, massive, 1-2% py:	10991	678.00	679.50	1.50	0.04			
		mod ank:	10992	679.50	681.00	1.50	0.01			
		sil:	10993	681.00	682.50	1.50	0.19			
		mod pervasive hem:	10994	682.50	684.00	1.50	0.04			
			10995	684.00	685.00	1.00	0.01	0.01		
		3% diss and stockwork py:								
685.0	700.8	(3b<var>, w.p.cal, mod ank, tr py)	10996	685.00	686.50	1.50	0.01			
		VARIOLITIC MAFIC PILLOWED FLOWS	10997	686.50	687.50	1.00	0.01			
		mg, green, well fol at 65 deg TCA, chloritic selvages,	10998	687.50	688.50	1.00	0.05			
		hyal intervals <20cm common, <3% qtz/ank stringers, l.c. at 50 deg TCA:								
		687.5-689.1m: Ultramafic Dyke 50% qtz/ank clots, strong								
		pervasive ank alt'n, mod ser haloes, possible fu, nil py:								
		w.p.cal:								
		mod ank:								
		tr py:								
700.8	724.5	(3a<lx>, loc cal/hem/sil, mod ank, wk ser)	10999	708.00	709.50	1.50	0.01			
		LEUCOKENITIC MAFIC FLOW	11000	709.50	711.00	1.50	0.01			
		mg, green, wkly fol at 40-50 deg TCA with loc deformation,	8401	711.00	712.50	1.50	0.01			
		pervasive lx grains, 3% qtz/ank and occasionally cal stringers	8402	712.50	714.00	1.50	0.01			
		with hem margins:	8403	714.00	715.50	1.50	0.01			
		713.2-713.8m: bleached, 3% diss py, grad. contacts:	8404	715.50	717.00	1.50	0.01	0.01		
			8405	717.00	718.00	1.00	0.01			
		loc cal/hem/sil:	8406	718.00	719.20	1.20	0.01			
		wk ser:	8407	719.20	720.20	1.00	0.01			
		mod ank:	8408	720.20	721.20	1.00	0.01			
		1-2% diss py:								

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96135

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
724.5	740.1	(3a<var>, hyal, mod ank, patchy hem. loc sil ser; VARIOLITIC MAFIC FLOW fmg, green with purplish and bleached horizons, occasional hyal. fol at 60 deg TCA with deformed intervals. sharp i.c. at 45 deg TCA; 729.6-730.4m: Ultramafic Dyke - mod ank, possible fu; mod ank; patchy hem; loc sil/ ser haloes; 3% diss and clustered py;	8409	732.00	733.50	1.50	0.01		
			8410	733.50	735.00	1.50	0.01		
			8411	735.00	736.50	1.50	0.01		
			8412	736.50	738.00	1.50	0.10		
			8413	738.00	739.00	1.00	0.50		
			8414	739.00	740.10	1.10	0.01		
740.1	748.8	(4, tl/ch, wk ank) ULTRAMAFIC VOLCANIC fmg, tl/ch, soft, dk green to black, 20% qtz/ank clots, fol at 60 deg TCA, l.c. at 50 deg TCA; mod ank; tr py;	8415	740.10	741.10	1.00	0.01	0.01	
748.8	759.1	(1b, mod ank, wk loc ser) GREYWACKE mg, greyish green, bedding at 40 deg TCA, occasional chlorite fractures; 750.5-759.0m: wacke has gneissic texture; 759.0-759.1m: graphitic argillite; mod ank; wk loc ser haloes; tr-1% loc diss py;							
759.1	777.0	(4, mod ank, bx, tr py) ULTRAMAFIC VOLCANIC mg, grey to khaki, bx bas kom with a ankeritic matrix, massive, rare qav's; mod ank; tr py; 777.0m End of Hole							

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96135

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2

COMMENTS

13/8/96 start drilling. 2X hex core barrel
16/9/96: 159m. 2X hex off. 2X round core barrel on
30/9/96: finish drilling

Total metreage in GH96-135 - 777.0m

Samples taken to 572m

Au Assay Sample N's - 10877 to ?

N of Assay Samples - 82

WRA Sample N's - 34499 to ?

N of Whole Rock Samples - ?

Total metreage sampled - 131.8m

% of total hole metreage sampled - 2%

Next sample N - 10959

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
54.00	-69.00	357.50
104.00	-68.00	355.00
154.00	-68.00	356.00
204.00	-67.00	359.00
254.00	-66.50	358.00
304.00	-66.00	358.50
354.00	-65.50	360.00
404.00	-63.75	360.00
454.00	-65.00	360.00

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION			SAMPLE No.	FROM	TO	WIDTH	ASSAYS	E1	E2	E3
									As gpt			
		DEPTH	INCLINATION	BEARING								
		504.00	-63.50	361.00								
		554.00	-63.00	361.00								
		604.00	-62.50	362.00								
		654.00	-62.00	363.00								
		704.00	-61.25	365.00								
		754.00	-61.00	365.00								

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY

HOLE No.: GH96136

Collar Eastings: 1850.00

Collar Northings: -415.00

Collar Elevation: 0.00

Grid: ETZ-MAIN

Contractor: Bradley Brothers Ltd (Noranda PQ)

Collar Inclination: -72.00

Grid Bearing: 360.00

Final Depth: 1048.00 metres

Drilled 27/09/96-20/10/96 Logged 29/09/96-20/10/96 old grid co-ord's 1904E/415S

corrected co-ord's to use are L1850E/415S

Logged by: S. McInnis/E.E. Gadzala

Date: Sept 27 - Oct 20, 1996

Down-hole Survey: Sperry Sun

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au g/t	R1	R2
0	0.1	ADDITIONAL DATA Purpose: Test for PHC at -400mL Size: HQ, casing in hole and capped NTS No.: 320/12 - Claim No.: 579656 & 579655 Blacktop grid co-ord's: L1904E/415S Corrected co-ord's L1850E/415S Approx UTM co-ord's: 595809E/537461N Core Storage: Holloway Lake Campsite							
0.1	39.0	(vrb) OVERBURDEN							
39.0	73.4	(3a, mod cal, wk ank, tr py) MASSIVE MAFIC VOLCANIC mg, green, massive with loc 20cm bx intervals, 10% quartz cal stringers, l.c at 20 deg TCA; wk ank: mod cal: tr py:	8203	71.00	72.50	1.50	0.01		
73.4	79.3	(lc<gf>, wk ank, 3% py) CARBONACEOUS ARGILLITE fg, black-grey, bx intervals throughout, 3% quartz cal stringers, bedding locally at 40 deg TCA, l.c gradational; wk ank: 3% bedding controlled py:	8204 8205	72.50 74.00	74.00 75.50	1.50 1.50	0.01 0.01		
79.3	106.0	(lbc<gf>, wk ank, 1-5% py) GREYWACKE AND CARBONACEOUS ARGILLITE fg, grey with black argillite beds, blocky intervals common, 3% quartz cal stringers, bedding at 40-50 deg TCA; wk ank:							

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	g1	g2
		mod per cal;							
		1-2% py;							
106.0	463.5	fb, mod ank, cal stringers, tr py;	8206	225.80	226.80	1.00	0.01		
		GREYWACKE AND ARGILLITE	8207	226.80	228.50	1.70	0.01		
		mg, grey to greenish grey, dominantly wacke with occasional argillite bed at 50 deg TCA. 3% qtz/cal stringers;	8208	228.50	230.00	1.50	0.01	0.01	
		226.8-230.0m: 25% qtz's, tr py;	8209	235.20	236.20	1.00	0.01		
		236.2-239.9m: as above, wk ser;	8210	236.20	237.50	1.30	0.01	0.01	
		246.0-248.1m: graphitic argillite;	8211	237.50	238.90	1.40	0.01		
		323.5-325.5m: mod-str ser alt'm;	8212	238.90	239.90	1.00	0.01		
		372.0-404.0m: increase in ser alt'm to mod with 1-3% QA veining;	8213	239.90	240.90	1.00	0.01		
		437.0-437.2m: rubbly;	8214	268.00	269.00	1.00	0.01		
		447.0-448.0m: bullish white QAV;	8215	323.00	324.50	1.50	0.01		
		447.0-448.0m: bullish white QAV;	8216	324.50	326.00	1.50	0.01		
		mod ank;							
		loc ser haloes;							
		304.5-304.9m: strong ser alt'm;							
		431-453m: patchy wk-mod ser;							
		tr py;							
463.4	468.4	fb cgl, mod ank, wk chl;	8217	463.00	464.00	1.00	0.01		
		CONGLOMERATE	8218	464.00	465.50	1.50	0.01		
		green; f-cg chloritic matrix supporting subrounded clasts up to 5cm but averaging 1-3cm in size; heterolithic with mafic volcanics, sediments, felsic intrusives, and possible ultramafic clasts; no Jasper clasts noted; 1-5% QA veining;	8219	465.50	467.00	1.50	0.01		
		mod ank;							
		wk chl;							
		tr-1% py overall;							
		local py clasts up to 1cm, clasts with 1-3% py, and occasional disseminated and fracture controlled pyrite;							
468.5	488.0	fb, mod ank/hem/ser, tr py;	8220	467.00	468.50	1.50	0.01		
		HEMATITIC GREYWACKE	8221	468.50	470.00	1.50	0.01		
		reddish-yellow, mg, bedding at 45 deg TCA. <3% qtz/ank veinlets, occasional chlorite slip, sharp l.c. at 50 deg TCA;							

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	R1	R2	R3
		mod ank; mod ser; mod per. hem; tr py;								
466.0	532.0	(1bc, wk ank, wk-mod loc ser, tr py) GREYWACKE AND SERICITE greyish-green, fmg, bedding at 50-60 deg TCA with loc deformation, <3% qtz/ank stringers: 500.2-511.3m: mod to str ser; 509.6-513.0m: arkosic greywacke: wk-mod loc ser; wk ank; tr py;								
532.0	557.8	(1Ga, mod ank, mod-str hem, loc cal/lx, tr py) MAFIC VOLCANIC greenish-purple, mg, loc fol at 50 deg TCA yet generally deformed, 1-3% qtz/ank and qtz/cal stringers, loc mottled texture, l.p. at 55 deg TCA: 532.2-532.6m: qtz/tourm vein, nil py; 538.0-539.5m: qtz/feld vein, brick red to white, mod ank, patchy ser, nil py; 542.2-554.9m: mod per hem alt'n, purplish-grey core, calcitic matrix, fol parallel TCA at 553.6m mod ank; mod-str pervasive hem; loc ser/lx; tr py;	8222	532.00	533.00	1.00	0.01	0.01		
			8223	537.00	536.00	1.00	0.01			
			8224	538.00	539.50	1.50	0.07			
			8225	539.50	540.50	1.00	0.04	0.04		
			8226	557.00	557.60	0.60	0.01			
557.8	565.0	(13c, wk-mod ank, sil, 1-2%py) MAFIC FLOW BRECCIA khaki color, fmg, well fractured, rare qtz stringers: 563.3-565.0m: bleached to buff color, sil, wk alb/hem, mod ank, 2-3% fine diss py; wk-mod ank; sil;	8227	557.80	559.00	1.20	0.01			
			8228	559.00	560.00	1.00	0.01			
			8229	560.00	561.50	1.50	0.01			
			8230	561.50	562.40	0.90	0.01			
			8231	562.40	563.50	0.90	0.01			
			8232	563.50	565.00	1.50	0.11			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS			
							Au gpt	E1	E2	E3
		1-2% disc py:								
565.0	644.7	(3actlx), mod cal matrix, wk ank, loc patchy hem. LEUCOXENITIC MAFIC VOLCANIC greenish-grey, mg, pervasive lx grains, 3-5% qtz/cal stringers, loc fol at 50 deg TCA, l.c. at 60 deg TCA: 570.0-561.0m: mottled texture: 573.0-573.0m: blocky/rubble interval: 577.5-576.6m: blocky/rubble interval: 594.5-596.5m: altered interval, buff to purplish color, 2% py: 637.0-637.6m: blocky/rubble interval: mod calcitic matrix: wk ank: loc patchy hem: tr py:	5033	565.00	566.00	1.00	0.07			
			5034	568.00	567.00	1.00	0.01	0.01		
			5035	593.00	594.50	1.50	0.01			
			5036	594.50	596.00	1.50	0.01			
			5037	596.00	597.50	1.50	0.01			
644.7	656.0	(3b), mod ank, loc ser haloes, tr py) PILLOWED MAFIC VOLCANIC green with dark green pillow selvages, fg, well fol at 60-70 deg TCA, 2-3% qtz/cal stringers, pillows generally <50cm in length, loc mm scale variolites as at 646.9m: mod ank: loc ser haloes: tr py:								
656.0	659.0	(3actlx), wk ank, nil py) LEUCOXENITIC MAFIC VOLCANIC green, mg, fol at 50 deg TCA, pervasive lx, minor <2% qtz/cal stringers, sharp l.c. at 70 deg TCA: wk ank: tr py:								
659.0	660.0	(4), wk ank, fu?, nil py) ULTRAMAFIC VOLCANIC greyish green with loc apple green color, well fol at 60 deg TCA, basaltic komatiite, 20% qtz/ank veining:	6036	660.00	661.00	1.00	0.01			
			6036	661.00	662.00	1.00	0.01			

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
		wk ank; loc fu?;							
		tr py;							
662.0	679.3	(lbc, str ser, wk ank, tr-1% py) SERICITIZED GREYWACKE AND ARGILLITE yellow/buff color, fmg, bedding generally deformed, rare qtz/ ank stringers, lower fault contact with qtz bx and carb seds: 662.0-662.1: altered interval, cream colored, 3-5% clustered py;	8240	662.00	662.50	0.50	0.01		
			8241	662.50	663.50	1.00	0.01		
			8242	677.00	678.00	1.00	0.03		
			8243	678.00	679.30	1.30	0.10		
		str ser; wk ank;							
		tr -1% py;							
679.3	689.6	(4,SE, mod-str ank, tr py) ULTRAMAFIC VOLCANIC greyish-khaki, mg, bas kom, wk fol at 50 deg TCA, l.c. at 70 deg TCA;	8244	679.30	680.30	1.00	0.01		
		mod-str ank;							
		tr py;							
689.6	697.1	(lbc, mod ank, tr py) GREYWACKE AND ARGILLITE grey, fg, well bedded at 70 deg TCA, occasional qtz/ank stringer, l.c. sharp at 50 deg TCA; 689.5-689.6m: Ultramafic - as described above, sharp contacts;							
		mod ank;							
		tr py;							
697.1	869.4	(4,SE., wk Ank, tr py) ULTRAMAFIC VOLCANIC khaki to grey, bas kom, carbonaceous l.c at 60 deg TCA;							
		wk ank;							
		tr py;							

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
888.4	890.7	(lbc. wk-mod ank, wk loc ser, tr py) GREYWACKE AND ARGILLITE dark grey-green, bedding at 60 deg TCA, occasional carbonaceous bed; wk-mod ank; wk loc ser; tr py;							
890.7	891.4	(4. BK, mod ank, nil py) ULTRAMAFIC VOLCANIC as previously described, fol at 80-90 deg TCA; mod ank; nil py;							
891.4	706.3	(lbc. str ser, mod-str ank, tr-lkpy) SERICITIZED GREYWACKE AND ARGILLITE yellowish-buff, fg, bedding at 60-70 deg TCA, 3-5% qtz/ank stringers; 706.4-706.4m: ser alt'n decreases to loc ser haloes; str ser; mod-str ank; tr-lkpy;							
706.3	709.3	(4. alt tl/ch, str ank, nil py) ULTRAMAFIC VOLCANIC chloritic green with white ankeritic matrix, fol at 80 deg TCA, rare qtz/ank stringers, protolith most likely talc-chlorite; str ank; nil py;							
709.3	730.4	(3a<lx>, str ank, loc ser, tr py) LEUCOXENITIC MAFIC VOLCANIC grey-green, well fol at 55 deg TCA, mg, (3) qtz/ank veinlets x-cutting foliation, pervasive lx grains;	8245	717.80	718.80	1.00	0.01		
			8246	718.80	720.00	1.20	0.01		
			8247	720.00	721.50	1.50	0.01		
			8248	721.50	722.50	1.00	0.01		

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS				
							Au gpt	R1	R2	R3	
		716.0-718.5: Pillowed Mafic - sharp contacts at 70 deg TCA; 718.8-720.0: Pillowed Mafi - mg, green, generally deformed with loc bleached horizons: str ank: loc ser haloes: tr py:									
730.4	752.5	(3b, mod ank, wk-mod cal, wk loc ser, tr-5%py) PILLOWED MAFIC VOLCANIC lg, green, massive, 3-5% qtz/cal stringers, salvages are dark green, well fractured, l.s. at 60 deg TCA: mod ank: wk-mod cal within matrix: wk loc ser: tr py overall with loc intervals hosting 3-5% clusters over 400cm:	8249 8250 8251 8252 8253 8254 8255 8256 8257 8258 8259	735.00 736.00 737.00 738.50 740.00 741.50 743.00 745.00 746.00 747.50 749.00 750.50 752.00	736.00 737.00 738.50 740.00 741.50 743.00 746.00 747.50 749.00 750.50 752.00	1.00 1.00 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	0.01 0.01 0.01 0.01 0.04 0.01 0.01 0.01 0.07 0.01 0.01			0.01	
752.5	756.5	(3a<ix>, mod ank, wk cal, tr py: LEUCOXENITIC MAFIC VOLCANIC dk green massive lx flows, 3-5% qtz/cal stringers, pervasive mm scale lx grains: mod ank: wk cal: tr py:	8260	755.00	756.50	1.50	0.03				
756.5	760.3	(3d, hyal/var, wk-mod ank, wk ser, 1%py) HYALOCLASTITE AND VARIOLITE buff to green, mg, fol at 60 deg TCA, 5% qtz stringers: wk to mod ank: wk ser: 1% py:	8261 8262	756.50 758.00	756.00 759.50	1.50 1.50	0.01 0.01				
760.3	763.4	(3a<ix>, wk-mod ank, loc ser, patchy hem, 1% py) LEUCOXENITIC MAFIC VOLCANIC dk green to purplish-buff, 5% qtz/ank stringers and veinlets,	8263 8264 8265	759.50 761.00 762.50	761.00 762.50 764.00	1.50 1.50 1.50	0.01 0.01 0.01				

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
		pervasive ix. loc fol at 50 deg TCA but generally deformed.	8266	764.00	765.50	1.50	0.01		
		764.5-765.1: purplish hematitic interval:	8267	765.50	767.00	1.50	0.05	0.06	0.04
			8268	767.00	768.50	1.50	0.01		
		wk-mod ank:	8269	768.50	770.00	1.50	0.01		
		loc ser haloes:	8270	770.00	771.50	1.50	0.01		
		patchy hem:	8271	771.50	773.00	1.50	0.01		
			8272	773.00	774.50	1.50	0.01		
		1% diss py:	8273	774.50	776.00	1.50	0.01		
			8274	776.00	777.50	1.50	0.01		
			8275	777.50	779.00	1.50	0.01		
			8276	779.00	780.50	1.50	0.01		
			8277	780.50	782.00	1.50	0.04	0.03	0.05
			8278	782.00	783.40	1.40	0.01		
783.4	803.1	(4. alt'n BE, str ser, mod ank, tr py) ULTRAMAFIC VOLCANIC military green, mg. soft chloritic rich volcanic, deformed, 10-15% Qtz/ank veins and stringers, appears to be altered basaltic hematite, sharp l.c. at 80 deg TCA:	8279	783.40	785.00	1.60	0.01		
		wk ank:							
		tr py:							
803.1	817.4	(lbc, str ser, mod ank, tr py) GREYWACK AND ARGILLITE yellow-buff, deformed bedding, <3% Qtz/ank stringers and "clots", narrow <10cm wide grey and siliceous interval at 807.7m hosts 2% diss py:	8280	807.50	809.00	1.50	0.16		
			8281	809.00	810.50	1.50	0.20		
		str ser:							
		mod ank:							
		tr py:							
817.4	820.2	(4.BE, mod ank, nil py) ULTRAMAFIC VOLCANIC deformed BE as described above:							
		mod ank:							
		nil to tr py:							

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
826.2	872.0	(3a<lx>, mod ank, tr py)	8282	839.00	840.50	1.50	0.01		
		LEUCOXENITIC MAFIC	8283	840.50	842.00	1.50	0.03		
		green-grey, dominately deformed with massive sections, pervasive	8284	842.00	843.50	1.50	0.01		
		lx grains, 10% qtz/ank blobs and veinlets:	8285	860.00	860.60	0.60	0.01		
		828.5-836.0: massive dk green lx flow, 10% qtz/cal stringers.	8286	860.60	861.60	1.00	0.01		
		tr py:	8287	861.60	862.10	0.50	0.01		
		860.7-860.8m: QAV with black tourmaline;	8288	871.00	872.00	1.00	0.04		
		861.0-861.5m: QAV with black tourmaline							
		mod ank:							
		tr-1% diss py:							
872.0	882.0	(4,5K, <1a> mod ank, loc ser, tr py)	8289	872.00	873.50	1.50	0.04	0.05	0.03
		ULTRAMAFIC VOLCANIC, MINOR ARGILLITE	8290	873.50	875.00	1.50	0.01		
		green to olive green, moderately deformed with loc fol at 60	8291	875.00	876.00	1.00	0.01		
		deg TCA, 5% qtz/ank stringers, loc ti/ch:	8292	876.00	877.00	1.00	0.01		
		872.0-882.0m: local fine contorted/deformed argillite beds	8293	877.00	878.00	1.00	0.01		
		and fragments as well as containing fragments and swirls	8294	878.00	879.20	1.20	0.17		
		of leucoxenitic mafic and deformed QA veining:	8295	879.20	880.30	1.60	0.06		
		mod ank:	8296	880.30	882.00	1.20	0.10	0.04	0.16
		loc ser haloes:							
		872.0-882.0m: mod ser:							
		tr py:							
		872.0-882.0m: locally 1% fg diss pyrite:							
892.0	995.5	(3b, <3a, lx>, var, loc hyalo, str-mod calc.	8297	905.00	906.50	1.50	0.01		
		PILLOWED AND MINOR MASSIVE LEUCOXENITIC MAFIC	8298	906.50	908.00	1.50	0.01		
		grey green: fg: massive sections and occasional pillows	8299	908.00	909.50	1.50	0.01		
		are leucoxenitic, mainly to 911.7m at which point weakly	8300	909.50	911.00	1.50	0.01	0.01	
		variolithic pillows predominate: 1-5% QC veining with	8301	911.00	912.50	1.50	0.01		
		rare ankerite:	8302	924.00	926.00	1.20	0.01		
		905.0-911.0m: patchy (10%) hyaloclastite and 1-5% QC veining,	8303	926.00	927.50	1.50	0.01		
		deformed:	8304	927.50	928.00	1.50	0.01		
		924.8-944.0m: variolithic pillows with occasional hyaloclastite,	8305	929.00	930.50	1.50	0.01		
		1-5% QC veining, moderately deformed:	8306	930.50	932.00	1.50	0.01		
		926.5-929.5m: 40% QA veining:	8307	932.00	933.50	1.50	0.01		
		930.0 and 930.2m: 2-4cm bands of 50% fg pyrite:	8308	933.50	935.00	1.50	0.01		
		944.0-967.0m: occasionally variolithic and hyaloclastic,	8309	935.00	936.50	1.50	0.01		
		fol'd at 35-60 deg TCA:	8310	936.50	938.00	1.50	0.01		
		966.6-966.8m: bx'd QCV:	8311	938.00	939.50	1.50	0.01	0.01	

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au g/t	R1	R2
		974.0-979.0m: bx'd selvages with 1-5% py in occasional selvages:	8312	939.50	941.00	1.50	0.01		
		str-mod calc:	8313	941.00	942.50	1.50	0.01		
		974.8-938.0m: patchy str ser:	8314	942.50	944.00	1.50	0.01		
			8315	966.10	967.10	1.00	0.01		
		tr to loc 1% py:	8316	973.50	975.00	1.50	0.01		
			8317	975.00	976.50	1.50	0.01		
			8318	976.50	978.00	1.50	0.01		
			8319	978.00	979.50	1.50	0.01		
			8320	994.50	995.50	1.00	0.01		
995.5	1007.7	(3d, var, str ank, loc hem:	8321	995.50	997.00	1.50	0.01		
		HYALOCLASTITE	8322	997.00	998.50	1.50	0.01		
		bluish & green; fg matrix with shards 1-5mm and occasional	8323	998.50	1000.00	1.50	0.01		
		pillow fragments: variolitic; o/c at 45 deg TCA;	8324	1000.00	1001.50	1.50	0.21		
		1005.3-1006.4m: 75% qtz & feldspar:	8325	1001.50	1003.00	1.50	0.01		
			8326	1003.00	1004.50	1.50	0.01		
		fol'd at 60-70 deg TCA, avg 65:	8327	1004.50	1006.00	1.50	0.02	0.01	0.03
			8328	1006.00	1007.70	1.75	0.01		
		str ank:							
		1005.3-1007.7m: wk hem:							
		tr-1% py:							
1007.7	1013.1	(4, str ank, mod tc/chl, wk ser:	8329	1007.70	1009.30	1.60	0.01		
		ULTRAMAFIC							
		olive to military green & white; cg loc fg; o/c at 45 deg TCA;							
		1008.8-1009.3m: fine grained with 2-3% QA veining;							
		1011.6-1011.7m: FAULT, rubbly, wk-mod calcitic clay gouge;							
		str ank;							
		mod tc/chl:							
		wk ser:							
		nil-tr py:							
1013.1	1016.3	(3a, lx, fol'd, str ank, wk tc)	8330	1013.00	1014.00	1.00	0.01	0.01	
		FOLIATED LEUCOXENITIC MAFIC VOLCANIC	8331	1014.00	1015.00	1.00	0.04		
		grey; fmg; fol'd at 30-40 deg TCA; white to buff white	8332	1015.00	1016.20	1.20	0.01		
		ankeritic bands: 1-5% tan lx along fol'n; appears to have an							
		ultramafic component but leucoxenitic; possibly pillowed as							
		rare chloritic selvages are noted:							
		str ank:							

HOLE No: GH96136

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96136

Page 11

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2
		wk to:							
		tr py:							
1016.3	1046.0	(4. mod ank/ser, wk patchy fu)	8333	1016.20	1017.00	0.80	6.79	6.50	7.07
		ULTRAMAFIC	8334	1017.00	1018.50	1.50	0.22		
		earthy grey; f-cg; moderately fol'd and bx'd at avg 45 deg TCA	8335	1018.50	1020.00	1.50	0.04		
		but varies between 30-50 deg TCA; 1% QA veinlets;	8336	1020.00	1021.50	1.50	0.03		
		this ultramafic appears to be the PHZ ultramafics but not as	8337	1021.50	1023.00	1.50	0.03		
		intensely altered, busted up, veined nor pyrite mineralized	8338	1023.00	1024.50	1.50	0.01		
		as that intersected in GH95-75W2:	8339	1024.50	1026.00	1.50	0.02	0.03	0.01
		1016.3-1016.8m: grey bx'd carbonaceous qtz vein at 50 deg TCA	8340	1026.00	1027.10	1.10	0.01		
		with later white qtz fracture filling, PHZ breccia:	8341	1034.50	1036.00	1.50	0.01		
		1035.0-1037.0m: minor bx'n surrounding a short fg fol'd at	8342	1036.00	1037.00	1.00	0.01		
		50 deg TCA section that may possibly be a sediment:	8343	1037.00	1038.50	1.50	0.01		
		1036.2-1036.6m: possible sediment, with 1-2X fg diss py:	8344	1042.80	1044.40	1.60	0.01		
			8345	1044.40	1046.00	1.60	0.03		

mod ank/ser;
 wk patchy fu;
 trace pyrite with rarely more pyrite;
 1036.2-1036.6m: 1-2x fg diss py;

1046.0m: E.O.H.

COMMENTS

27/9/96 start drilling, 2X hex core barrel
 746.0m: remove 2X hex, use 2X round core barrel
 1046.0m: E.O.H., Oct 20/96

Total metrage in GH96-136 - 1046m
 Samples taken to 1046.0m
 Au Assay Sample #'s - 8203 to 8345
 # of Assay Samples - 143
 WRA Sample #'s - 11001 to 110011
 # of Whole Rock Samples - 11
 Total metrage sampled - 161.6m
 % of total hole metrage sampled - 16.3%

HOLE No: GH96136

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
HOLE No.: GH96136

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No	FROM	TO	WIDTH	ASSAYS		
							Au gpt	R1	R2

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
45.00	-70.00	364.00
92.00	-69.00	364.00
146.00	-68.00	361.00
195.00	-66.50	362.00
245.00	-65.25	360.00
296.00	-64.50	360.00
346.00	-63.75	359.00
404.00	-61.75	359.00
446.00	-60.50	358.00
500.00	-59.50	356.00
546.00	-59.00	358.00
595.00	-59.00	357.00
645.00	-58.50	357.00
695.00	-58.00	357.00
746.00	-58.00	358.50
795.00	-57.00	357.00
848.00	-56.75	358.00

BATTLE MOUNTAIN CANADA LTD.

DIAMOND DRILL LOG

PROPERTY: GOLDEN HIGHWAY
 HOLE No.: GH96136

FROM	TO	LITHOLOGICAL DESCRIPTION			SAMPLE No.	FROM	TO	WIDTH	ASSAYS		
									Au gpt	R1	R2
		DEPTH	INCLINATION	BEARING							
		895.00	-55.50	360.00							
		996.00	-52.75	364.50							
		1045.00	-51.25	365.00							



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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
------------------	------------------	-----------

6501		0.03
6502		<0.03
6503		<0.03
6504		<0.03
6505		<0.03

6506		<0.03
6507		<0.03
6508		<0.03
6509		<0.03
6510		<0.03

6511		<0.03
6512		<0.03
6513		<0.03
6514		<0.03
6515		<0.03

6516		<0.03
6517		<0.03

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
6518		<0.03	6558		<0.03
6519		<0.03	6559		<0.03
6520		<0.03	6560		<0.03
6521		<0.03	6561		<0.03
6522		0.07	6562		<0.03
6523		<0.03	6563		<0.03
6524		0.07	6564		<0.03
6525		<0.03	6565		<0.03
6526		<0.03	6566		<0.03
6527		<0.03	6567		<0.03
6528		<0.03			
6529		<0.03			
6530		<0.03			
6531		<0.03			
6532		<0.03			
6533		0.10			
6534		<0.03			
6535		<0.03			
6536		<0.03			
6537		<0.03			
6538		<0.03			
6539		0.24			
6540		<0.03			
6541		<0.03			
6542		0.19			
6543		<0.03			
6544		<0.03			
6545		<0.03			
6546		0.30			
6547		0.13			
6548		<0.03			
6549		<0.03			
6550		<0.03			
6551		<0.03			
6552		0.06			
6553		0.07			
6554		<0.03			
6555		<0.03			
6556		<0.03			
6557		<0.03			



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SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
6568		<0.03	6608		0.13
6569		<0.03	6609		<0.03
6570		<0.03	6610		<0.03
6571		<0.03	6611		<0.03
6572		<0.03	6612		<0.03
6573		<0.03	6613		<0.03
6574		<0.03	6614		<0.03
6575		<0.03			
6576		<0.03			
6577		<0.03			
6578		<0.03			
6579		<0.03			
6580		<0.03			
6581		<0.03			
6582		<0.03			
6583		<0.03			
6584		<0.03			
6585		<0.03			
6586		<0.03			
6587		<0.03			
6588		0.09			
6589		<0.03			
6590		<0.03			
6591		0.07			
6592		<0.03			
6593		<0.03			
6594		<0.03			
6595		<0.03			
6596		<0.03			
6597		<0.03			
6598		<0.03			
6599		<0.03			
6600		<0.03			
6601		<0.03			
6602		<0.03			
6603		<0.03			
6604		<0.03			
6605		0.10			
6606		<0.03			
6607		<0.03			



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SAMPLE NUMBER	ELEMENT UNITS	AU G/T
------------------	------------------	-----------

6615		0.07
6616		0.10
6617		<0.03
6618		0.07
6619		0.17

6620		<0.03
6621		<0.03
6622		<0.03
6623		0.03
6624		0.07

6625		<0.03
6626		0.03
6627		<0.03
6628		<0.03
6629		<0.03

6630		<0.03
6631		<0.03
6632		<0.03
6633		0.03
6634		0.03

6635		0.07
6636		<0.03
6637		0.21
6638		<0.03
6639		<0.03

6640		<0.03
6641		<0.03
6642		1.39
6643		1.32
6644		9.02

6645		20.71
6646		0.31
6647		0.07
6648		<0.03
6649		<0.03

6650		<0.03
6651		<0.03



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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
6652		<0.03
6653		<0.03
6654		<0.03
6655		<0.03

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
------------------	------------------	-----------

6656		<0.03
6657		<0.03
6658		<0.03
6659		<0.03
6660		0.03

6661		1.17
6662		0.07

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
------------------	------------------	-----------

6663		0.03
6664		0.03
6665		<0.03
6666		<0.03
6667		<0.03

6668		<0.03
6669		<0.03
6670		<0.03
6671		<0.03
6672		0.07

6673		<0.03
6674		0.10
6675		0.38
6676		0.62
6677		0.55

6678		0.51
6679		<0.03
6680		<0.03
6681		<0.03
6682		3.09

6683		0.24
6684		1.95
6685		0.10
6686		0.25
6687		0.22

6688		<0.03
6689		<0.03
6690		<0.03

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
6691		<0.03	6731		<0.03
6692		<0.03	6732		<0.03
6693		<0.03	6733		<0.03
6694		<0.03	6734		<0.03
6695		<0.03	6735		<0.03
6696		0.06	6736		<0.03
6697		<0.03	6737		0.07
6698		<0.03	6738		<0.03
6699		<0.03	6739		<0.03
6700		<0.03	6740		<0.03
6701		<0.03	6741		0.23
6702		<0.03	6742		1.59
6703		<0.03	6743		<0.03
6704		0.20			
6705		<0.03			
6706		<0.03			
6707		<0.03			
6708		<0.03			
6709		0.14			
6710		<0.03			
6711		<0.03			
6712		<0.03			
6713		<0.03			
6714		<0.03			
6715		<0.03			
6716		<0.03			
6717		0.24			
6718		<0.03			
6719		<0.03			
6720		0.07			
6721		<0.03			
6722		<0.03			
6723		<0.03			
6724		<0.03			
6725		<0.03			
6726		<0.03			
6727		<0.03			
6728		<0.03			
6729		<0.03			
6730		0.16			

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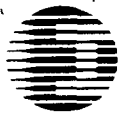
REPORT: T96-57188.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
6744		<0.03
6745		<0.03
6746		<0.03
6747		<0.03
6748		<0.03
6749		0.06
6750		<0.03
6751		<0.03
6752		<0.03
6753		<0.03
6754		<0.03
6755		0.07
6756		0.06
6757		0.07
6758		0.06
6759		<0.03
6760		0.07
6761		<0.03
6762		<0.03
6763		<0.03
6764		<0.03
6765		<0.03
6766		0.07
6767		0.07
6768		<0.03
6769		0.06
6770		<0.03
6771		<0.03
6772		0.07
6773		<0.03
6774		<0.03
6775		<0.03
6776		<0.03
6777		0.06
6778		<0.03
6779		<0.03
6780		<0.03
6781		<0.03



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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
------------------	------------------	-----------

6782		<0.03
6783		<0.03
6784		0.61
6785		<0.03
6786		<0.03

6787		<0.03
6788		<0.03
6789		<0.03
6790		<0.03
6791		0.14

6792		<0.03
6793		<0.03
6794		<0.03
6795		<0.03
6796		<0.03

6797		<0.03
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SAMPLE NUMBER	ELEMENT UNITS	Au G/T	AuRew G/T
6798		<0.03	
6799		<0.03	
6800		4.66	5.69
6801		0.27	
6802		<0.03	
6803		0.03	
6804		0.10	
6805		0.07	
6806		<0.03	
6807		<0.03	
6808		<0.03	
6809		0.10	
6810		0.07	
6811		0.07	
6812		<0.03	
6813		<0.03	
6814		<0.03	
6815		0.10	
6816		<0.03	
6817		<0.03	
6818		<0.03	
6819		<0.03	
6820		<0.03	
6821		<0.03	
6822		<0.03	
6823		<0.03	
6824		<0.03	
6825		<0.03	
6826		<0.03	
6827		<0.03	
6828		<0.03	
6829		<0.03	
6830		<0.03	

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
6831		<0.03	6871		<0.03
6832		<0.03	6872		<0.03
6833		<0.03	6873		<0.03
6834		<0.03	6874		<0.03
6835		<0.03	6875		<0.03
6836		<0.03	6876		<0.03
6837		<0.03	6877		<0.03
6838		<0.03	6878		0.07
6839		<0.03	6879		<0.03
6840		<0.03	6880		<0.03
6841		<0.03	6881		<0.03
6842		<0.03	6882		<0.03
6843		<0.03			
6844		<0.03			
6845		<0.03			
6846		<0.03			
6847		<0.03			
6848		<0.03			
6849		<0.03			
6850		<0.03			
6851		<0.03			
6852		<0.03			
6853		<0.03			
6854		<0.03			
6855		<0.03			
6856		<0.03			
6857		<0.03			
6858		<0.03			
6859		<0.03			
6860		<0.03			
6861		<0.03			
6862		<0.03			
6863		<0.03			
6864		<0.03			
6865		<0.03			
6866		<0.03			
6867		<0.03			
6868		<0.03			
6869		<0.03			
6870		<0.03			

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SAMPLE NUMBER	ELEMENT UNITS	AU G/T
------------------	------------------	-----------

6883		<0.03
6884		<0.03
6885		<0.03
6886		<0.03
6887		<0.03

6888		<0.03
6889		<0.03
6890		<0.03
6891		<0.03
6892		0.31

6893		<0.03
6894		<0.03
6895		<0.03
6896		<0.03
6897		<0.03

6898		<0.03
6899		<0.03
6900		<0.03
6901		<0.03
6902		<0.03

6903		0.03
6904		<0.03
6905		<0.03
6906		<0.03
6907		<0.03

6908		<0.03
6909		<0.03
6910		<0.03
6911		0.07
6912		<0.03

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
6913		<0.03
6914		<0.03
6915		<0.03
6916		<0.03
6917		<0.03
6918		<0.03
6919		<0.03
6920		<0.03
6921		0.12
6922		0.34
6923		<0.03
6924		0.06
6925		<0.03
6926		0.06
6927		<0.03
6928		<0.03
6929		<0.03
6930		<0.03



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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
6931		<5
6932		23

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
------------------	------------------	-----------

6933		<0.03
6934		<0.03
6935		<0.03
6936		<0.03
6937		<0.03

6938		<0.03
6939		<0.03
6940		<0.03
6941		<0.03
6942		<0.03

6943		<0.03
6944		<0.03
6945		<0.03
6946		<0.03
6947		<0.03

6948		<0.03
6949		<0.03
6950		<0.03
6951		<0.03
6952		<0.03

6953		<0.03
6954		<0.03
6955		<0.03
6956		<0.03
6957		<0.03

6958		<0.03
6959		<0.03

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REPORT: T96-57287.0 (COMPLETE)

DATE PRINTED: 30-MAY-96

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SAMPLE NUMBER	ELEMENT UNITS	AU G/T	SAMPLE NUMBER	ELEMENT UNITS	AU G/T
6960		<0.03	7000		<0.03
6961		<0.03	7501		<0.03
6962		<0.03	7502		0.17
6963		<0.03	7503		0.10
6964		<0.03	7504		<0.03
6965		<0.03	7505		0.07
6966		<0.03	7506		0.16
6967		<0.03	7507		0.27
6968		<0.03	7508		0.16
6969		0.86	7509		0.10
6970		<0.03	7510		<0.03
6971		<0.03	7511		<0.03
6972		<0.03	7512		0.06
6973		<0.03	7513		0.06
6974		<0.03	7514		<0.03
6975		<0.03	7515		0.06
6976		<0.03	7516		<0.03
6977		0.07	7517		<0.03
6978		<0.03	7518		<0.03
6979		<0.03	7519		<0.03
6980		<0.03	7520		<0.03
6981		<0.03	7521		<0.03
6982		<0.03			
6983		<0.03			
6984		<0.03			
6985		<0.03			
6986		<0.03			
6987		<0.03			
6988		<0.03			
6989		<0.03			
6990		<0.03			
6991		1.89			
6992		0.07			
6993		<0.03			
6994		<0.03			
6995		<0.03			
6996		<0.03			
6997		<0.03			
6998		<0.03			
6999		<0.03			



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SAMPLE NUMBER	ELEMENT UNITS	Au G/T	AuRew G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T	AuRew G/T
7522		<0.03		7562		0.65	
7523		0.16		7563		5.49	6.00
7524		<0.03		7564		1.54	
7525		0.06		7565		0.06	
7526		<0.03		7566		<0.03	
7527		<0.03		7567		<0.03	
7528		<0.03		7568		0.10	
7529		<0.03					
7530		<0.03					
7531		0.07					
7532		0.36					
7533		0.29					
7534		<0.03					
7535		<0.03					
7536		<0.03					
7537		<0.03					
7538		<0.03					
7539		0.07					
7540		0.51					
7541		0.13					
7542		0.07					
7543		0.90					
7544		0.37					
7545		<0.03					
7546		<0.03					
7547		<0.03					
7548		<0.03					
7549		<0.03					
7550		<0.03					
7551		<0.03					
7552		<0.03					
7553		0.06					
7554		<0.03					
7555		<0.03					
7556		0.07					
7557		<0.03					
7558		<0.03					
7559		<0.03					
7560		<0.03					
7561		<0.03					



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SAMPLE NUMBER	ELEMENT UNITS	AU G/T
------------------	------------------	-----------

7569		<0.03
7570		<0.03
7571		<0.03
7572		<0.03
7573		<0.03

7574		<0.03
7575		<0.03
7576		<0.03
7577		<0.03
7578		<0.03

7579		<0.03
7580		<0.03
7581		<0.03
7582		<0.03
7583		<0.03

7584		<0.03
7585		<0.03
7586		<0.03
7587		<0.03
7588		<0.03

7589		<0.03
7590		<0.03
7591		<0.03
7592		<0.03
7593		<0.03

7594		<0.03
7595		<0.03
7596		<0.03
7597		<0.03
7598		<0.03

7599		<0.03
7600		<0.03
7601		<0.03
7602		<0.03
7603		<0.03

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
------------------	------------------	-----------

7604		<0.03
7605		<0.03
7606		<0.03
7607		<0.03
7608		<0.03

7609		<0.03
7610		<0.03
7611		<0.03
7612		<0.03
7613		<0.03

7614		0.10
7615		0.10
7616		0.33
7617		0.68
7618		0.24

7619		0.06
7620		0.07
7621		<0.03
7622		0.06
7623		0.06

7624		0.07
7625		0.07
7626		0.10
7627		<0.03
7628		<0.03

7629		<0.03
7630		<0.03

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
------------------	------------------	-----------

7634		<0.03
7635		<0.03
7636		<0.03
7637		<0.03
7638		<0.03

7639		<0.03
7640		<0.03
7641		<0.03
7642		<0.03
7643		<0.03

7644		<0.03
7645		<0.03



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SAMPLE NUMBER	ELEMENT UNITS	AU G/T
------------------	------------------	-----------

7646		<0.03
7647		<0.03
7648		<0.03
7649		<0.03
7650		<0.03

7651		<0.03
7652		<0.03
7653		<0.03
7654		<0.03
7655		<0.03

7656		0.07
7657		0.10

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SAMPLE NUMBER	ELEMENT UNITS	AU G/T
------------------	------------------	-----------

7658		0.10
7659		<0.03
7660		<0.03
7661		<0.03
7662		<0.03

7663		<0.03
7664		0.10
7665		0.17
7666		<0.03
7667		<0.03

7668		<0.03
7669		<0.03
7670		<0.03
7671		<0.03
7672		1.44

7673		1.76
7674		<0.03
7675		<0.03
7676		<0.03
7677		0.06

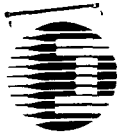
7678		<0.03
7679		<0.03
7680		<0.03
7681		<0.03
7682		<0.03

7683		<0.03
7684		<0.03
7685		<0.03
7686		<0.03
7687		<0.03

7688		<0.03
7689		<0.03
7690		0.27
7691		<0.03
7692		<0.03

7693		<0.03
7694		<0.03

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
7695		<0.03	7735		0.23
7696		<0.03	7736		0.06
7697		<0.03	7737		<0.03
7698		<0.03	7738		<0.03
7699		<0.03	7739		<0.03
7700		<0.03			
7701		<0.03			
7702		<0.03			
7703		<0.03			
7704		<0.03			
7705		0.13			
7706		<0.03			
7707		<0.03			
7708		<0.03			
7709		<0.03			
7710		<0.03			
7711		<0.03			
7712		<0.03			
7713		<0.03			
7714		<0.03			
7715		<0.03			
7716		<0.03			
7717		<0.03			
7718		<0.03			
7719		<0.03			
7720		<0.03			
7721		<0.03			
7722		<0.03			
7723		<0.03			
7724		<0.03			
7725		<0.03			
7726		<0.03			
7727		1.14			
7728		<0.03			
7729		<0.03			
7730		<0.03			
7731		<0.03			
7732		0.13			
7733		0.10			
7734		0.86			

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
7740		<0.03
7741		<0.03
7742		<0.03
7743		<0.03
7744		<0.03
7745		<0.03
7746		<0.03
7747		<0.03

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
7748		<0.03
7749		<0.03
7750		0.23
7751		0.07
7752		<0.03
7753		<0.03
7754		0.04
7755		<0.03
7756		<0.03
7757		0.28
7758		0.39
7759		0.03
7760		2.48
7761		0.65
7762		0.32
7763		0.04

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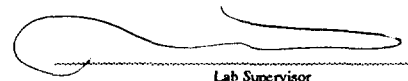
DATE PRINTED: 30-JUL-96

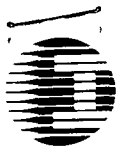
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SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
7764		<0.03	7804		<0.03
7765		<0.03	7805		<0.03
7766		<0.03	7806		<0.03
7767		<0.03	7807		<0.03
7768		<0.03			
7769		<0.03			
7770		<0.03			
7771		<0.03			
7772		<0.03			
7773		<0.03			
7774		<0.03			
7775		<0.03			
7776		<0.03			
7777		<0.03			
7778		<0.03			
7779		<0.03			
7780		<0.03			
7781		<0.03			
7782		<0.03			
7783		<0.03			
7784		<0.03			
7785		<0.03			
7786		<0.03			
7787		<0.03			
7788		<0.03			
7789		<0.03			
7790		<0.03			
7791		<0.03			
7792		<0.03			
7793		<0.03			
7794		<0.03			
7795		<0.03			
7796		<0.03			
7797		<0.03			
7798		<0.03			
7799		<0.03			
7800		<0.03			
7801		<0.03			
7802		<0.03			
7803		<0.03			

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REPORT: T96-57428.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
7808		0.05
7809		0.04
7810		<0.03
7811		<0.03
7812		<0.03
7813		<0.03
7814		<0.03
7815		<0.03
7816		<0.03
7817		<0.03
7818		<0.03
7819		0.04
7820		<0.03
7821		<0.03
7822		0.37
7823		<0.03
7824		0.03
7825		1.91
7826		2.30
7827		0.06
7828		<0.03



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SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
7829		<0.03	7869		0.03
7830		0.04	7870		<0.03
7831		<0.03	7871		<0.03
7832		0.03	7872		0.13
7833		0.08	7873		0.08
7834		0.05	7874		<0.03
7835		<0.03			
7836		<0.03			
7837		<0.03			
7838		<0.03			
7839		<0.03			
7840		0.04			
7841		<0.03			
7842		<0.03			
7843		<0.03			
7844		<0.03			
7845		0.05			
7846		<0.03			
7847		<0.03			
7848		<0.03			
7849		<0.03			
7850		<0.03			
7851		0.03			
7852		<0.03			
7853		<0.03			
7854		1.34			
7855		0.11			
7856		<0.03			
7857		0.04			
7858		<0.03			
7859		0.07			
7860		<0.03			
7861		<0.03			
7862		<0.03			
7863		<0.03			
7864		<0.03			
7865		0.03			
7866		0.10			
7867		<0.03			
7868		0.16			

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
7875		<0.03	7915		<0.03
7876		<0.03	7916		<0.03
7877		<0.03	7917		<0.03
7878		<0.03	7918		0.11
7879		<0.03	7919		<0.03
7880		<0.03	7920		<0.03
7881		<0.03	7921		<0.03
7882		<0.03	7922		0.80
7883		<0.03	7923		0.28
7884		<0.03	7924		0.08
7885		<0.03	7925		1.12
7886		0.05			
7887		<0.03			
7888		<0.03			
7889		<0.03			
7890		<0.03			
7891		<0.03			
7892		<0.03			
7893		<0.03			
7894		<0.03			
7895		0.06			
7896		0.05			
7897		0.18			
7898		0.16			
7899		1.50			
7900		0.04			
7901		<0.03			
7902		<0.03			
7903		<0.03			
7904		<0.03			
7905		<0.03			
7906		<0.03			
7907		<0.03			
7908		<0.03			
7909		<0.03			
7910		<0.03			
7911		<0.03			
7912		<0.03			
7913		<0.03			
7914		<0.03			

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REPORT: T96-57448.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	AU G/T
------------------	------------------	-----------

7926		0.69
7927		1.28
7928		0.38
7929		0.70
7930		<0.03

7931		<0.03
7932		<0.03
7933		<0.03
7934		0.06
7935		<0.03

7936		<0.03
7937		0.03
7938		<0.03
7939		<0.03
7940		<0.03

7941		<0.03
7942		<0.03
7943		<0.03
7944		<0.03
7945		<0.03

7946		<0.03
7947		<0.03

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REPORT: T96-57455.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	AU G/T
7948		<0.03
7949		0.03
7950		<0.03
7951		<0.03
7952		<0.03
7953		<0.03
7954		0.08
7955		<0.03
7956		<0.03
7957		<0.03
7958		<0.03
7959		<0.03
7960		0.03
7961		<0.03
7962		<0.03
7963		<0.03
7964		<0.03
7965		<0.03
7966		0.03
7967		<0.03
10601		<0.03
10602		<0.03
10603		<0.03
10604		<0.03
10605		<0.03
10606		<0.03
10607		0.04

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
------------------	------------------	-----------

7968		<0.03
7969		<0.03
7970		<0.03
7971		<0.03
7972		<0.03

7973		<0.03
7974		<0.03
7975		<0.03
7976		<0.03
7977		<0.03

7978		<0.03
7979		<0.03
7980		<0.03
7981		<0.03
7982		<0.03

7983		<0.03
7984		<0.03
7985		<0.03
7986		<0.03
7987		<0.03

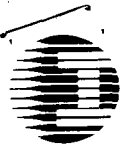
7988		0.04
7989		0.15
7990		<0.03
7991		<0.03
7992		<0.03

7993		<0.03
7994		<0.03
7995		0.04
7996		0.06
7997		0.03

7998		0.10
7999		0.18

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
8000		<0.03
8001		<0.03
8002		<0.03
8003		<0.03
8004		<0.03
8005		<0.03
8006		<0.03
8007		<0.03
8008		<0.03
8009		<0.03
8010		<0.03
8011		<0.03
8012		<0.03
8013		<0.03
8014		<0.03
8015		<0.03
8016		<0.03
8017		<0.03
8018		<0.03
8019		<0.03
8020		0.05
8021		0.11
8022		0.86
8023		0.17
8024		<0.03
8025		<0.03
8026		<0.03
8027		<0.03
8028		<0.03
8029		<0.03
8030		<0.03
8031		<0.03
8032		<0.03
8033		<0.03

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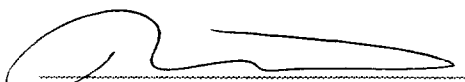
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CLIENT: BATTLE MOUNTAIN CANADA LTD.
REPORT: T96-57467.0 (COMPLETE)

PROJECT: 668
DATE PRINTED: 23-AUG-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
8034		<0.03
8035		<0.03
8036		<0.03
8037		<0.03
8038		<0.03
8039		<0.03
8040		0.04
8041		0.05
8042		0.40
8043		<0.03
8044		0.04
8045		0.04
8046		<0.03
8047		<0.03
8048		<0.03
8056		<0.03
8057		<0.03
8058		<0.03
8059		<0.03
8060		0.05
8061		0.18
8062		0.07
8063		<0.03
8064		0.09

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REPORT: T96-57477.0 (COMPLETE)

PROJECT: 668
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SAMPLE NUMBER	ELEMENT UNITS	AU G/T
8049		0.32
8050		3.29
8051		1.55
8052		0.04
8053		<0.03
8054		<0.03
8055		<0.03
8065		<0.03
8066		0.08
8067		<0.03
8068		0.19
8069		0.37
8070		0.17
8071		<0.03
8072		0.04
8073		<0.03
8074		0.06
8075		0.06
8076		0.05
8077		0.26
8078		0.97
8079		0.14
8080		0.98
8081		<0.03
8082		0.15
8083		<0.03
8084		<0.03
8085		<0.03
8086		<0.03
8087		<0.03

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CLIENT: BATTLE MOUNTAIN CANADA LTD.
REPORT: T96-57485.0 (COMPLETE)

PROJECT: 668
DATE PRINTED: 5-SEP-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au G/T
------------------	------------------	-----------

8088		<0.03
8089		<0.03
8090		<0.03
8091		<0.03
8092		<0.03

8093		<0.03
8094		0.31
8095		<0.03
8096		<0.03
8097		<0.03

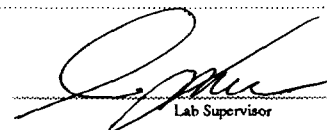
8098		<0.03
8099		<0.03
8100		<0.03
8101		<0.03
8102		<0.03

8103		<0.03
8104		<0.03
8105		<0.03
8106		<0.03
8107		0.04

8108		<0.03
8109		<0.03
8110		<0.03
8111		<0.03
8112		<0.03

8113		<0.03
8114		<0.03

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CLIENT: BATTLE MOUNTAIN CANADA LTD.
REPORT: T96-57490.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	AU G/T
8115		0.04
8116		<0.03
8117		0.06
8118		<0.03
8119		<0.03
8120		<0.03
8121		<0.03
8122		<0.03
8123		0.05
8124		0.05
8125		<0.03
8126		0.04
8127		<0.03
8128		<0.03
8129		0.04
8130		0.13
8131		0.57
8132		<0.03
8133		<0.03
8134		<0.03
8135		<0.03

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CLIENT: BATTLE MOUNTAIN CANADA LTD.
REPORT: T96-57463.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
10608		<0.03	10648		<0.03
10609		<0.03	10649		<0.03
10610		<0.03	10650		<0.03
10611		<0.03			
10612		<0.03			
10613		<0.03			
10614		<0.03			
10615		<0.03			
10616		<0.03			
10617		<0.03			
10618		<0.03			
10619		<0.03			
10620		<0.03			
10621		<0.03			
10622		<0.03			
10623		<0.03			
10624		<0.03			
10625		<0.03			
10626		<0.03			
10627		<0.03			
10628		<0.03			
10629		<0.03			
10630		<0.03			
10631		<0.03			
10632		<0.03			
10633		<0.03			
10634		<0.03			
10635		<0.03			
10636		<0.03			
10637		<0.03			
10638		<0.03			
10639		<0.03			
10640		<0.03			
10641		<0.03			
10642		<0.03			
10643		<0.03			
10644		<0.03			
10645		<0.03			
10646		<0.03			
10647		<0.03			

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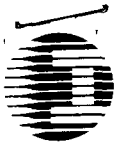
CLIENT: BATTLE MOUNTAIN CANADA LTD.
REPORT: T96-57464.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
10651		0.08
10652		<0.03
10653		0.09
10654		0.05
10655		0.05
10656		<0.03
10657		<0.03
10658		0.09
10659		<0.03
10660		0.07
10661		<0.03
10662		<0.03
10663		<0.03
10664		<0.03
10665		<0.03
10666		<0.03
10667		<0.03
10668		<0.03
10669		<0.03
10670		<0.03
10671		<0.03
10672		<0.03
10673		<0.03
10674		<0.03
10675		<0.03
10676		0.09
10677		<0.03
10678		0.06
10679		<0.03
10680		<0.03
10681		<0.03
10682		<0.03
10683		<0.03
10684		<0.03
10685		0.03
10686		<0.03

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
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10687		<0.03
10688		0.05
10689		0.06
10690		<0.03
10691		<0.03

10692		<0.03
10693		<0.03
10694		<0.03
10695		<0.03
10696		<0.03

10697		<0.03
10698		<0.03
10699		1.42
10700		0.03
10701		<0.03

10702		<0.03
10703		<0.03
10704		<0.03
10705		<0.03
10706		0.03

10707		1.07
10708		0.06
10709		<0.03
10710		<0.03

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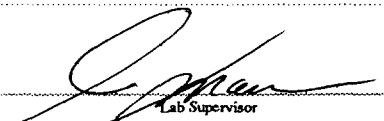
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REPORT: T96-57486.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
10711		<0.03	10751		<0.03
10712		<0.03	10752		<0.03
10713		<0.03	10753		<0.03
10714		<0.03	10754		<0.03
10715		<0.03	10755		<0.03
10716		0.04	10756		<0.03
10717		0.11	10757		0.10
10718		<0.03	10758		<0.03
10719		<0.03	10759		<0.03
10720		<0.03	10760		<0.03
10721		<0.03	10761		<0.03
10722		<0.03	10762		<0.03
10723		<0.03	10763		<0.03
10724		0.08	10764		0.04
10725		0.16	10765		<0.03
10726		0.19	10766		0.03
10727		0.21	10767		<0.03
10728		<0.03	10768		<0.03
10729		<0.03	10769		<0.03
10730		<0.03	10770		0.12
10731		0.06	10771		0.04
10732		<0.03	10772		<0.03
10733		0.08	10773		<0.03
10734		0.03			
10735		<0.03			
10736		0.66			
10737		0.22			
10738		1.01			
10739		<0.03			
10740		0.04			
10741		<0.03			
10742		<0.03			
10743		<0.03			
10744		<0.03			
10745		<0.03			
10746		<0.03			
10747		<0.03			
10748		<0.03			
10749		<0.03			
10750		<0.03			

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CLIENT: BATTLE MOUNTAIN CANADA LTD.
REPORT: T96-57491.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
10774		0.03	10814		<0.03
10775		<0.03	10815		<0.03
10776		<0.03			
10777		<0.03			
10778		<0.03			
10779		<0.03			
10780		<0.03			
10781		<0.03			
10782		<0.03			
10783		<0.03			
10784		<0.03			
10785		<0.03			
10786		<0.03			
10787		<0.03			
10788		<0.03			
10789		<0.03			
10790		<0.03			
10791		<0.03			
10792		<0.03			
10793		<0.03			
10794		<0.03			
10795		<0.03			
10796		<0.03			
10797		<0.03			
10798		0.07			
10799		<0.03			
10800		<0.03			
10801		<0.03			
10802		0.03			
10803		<0.03			
10804		<0.03			
10805		<0.03			
10806		<0.03			
10807		<0.03			
10808		<0.03			
10809		<0.03			
10810		<0.03			
10811		<0.03			
10812		<0.03			
10813		<0.03			

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REPORT: T96-57496.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
8136		0.15	10847		0.03
8137		0.99	10848		0.15
8138		0.05	10849		0.09
8139		0.11	10850		0.36
8140		<0.03	10851		0.08
8141		0.05	10852		<0.03
8142		0.04	10853		0.04
8143		0.10	10854		0.07
8144		<0.03	10855		0.05
10816		0.05			
10817		<0.03			
10818		<0.03			
10819		<0.03			
10820		0.06			
10821		<0.03			
10822		<0.03			
10823		<0.03			
10824		0.04			
10825		0.04			
10826		0.04			
10827		0.05			
10828		0.08			
10829		0.03			
10830		0.03			
10831		<0.03			
10832		0.04			
10833		0.04			
10834		0.03			
10835		0.05			
10836		0.04			
10837		0.11			
10838		0.10			
10839		0.04			
10840		0.05			
10841		0.13			
10842		0.09			
10843		<0.03			
10844		0.04			
10845		0.53			
10846		0.08			

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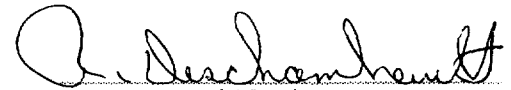
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CLIENT: BATTLE MOUNTAIN CANADA LTD.
REPORT: T96-57506.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
8145		<0.03
8146		<0.03
8147		<0.03
8148		0.10
10856		<0.03
10857		0.04
10858		<0.03
10859		<0.03
10860		<0.03
10861		<0.03
10862		<0.03
10863		<0.03
10864		<0.03
10865		0.84
10866		0.12
10867		<0.03
10868		<0.03
10869		0.04
10870		<0.03
10871		<0.03

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REPORT: T96-57510.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
8149		<0.03
8150		<0.03
8151		<0.03
8152		<0.03
8153		<0.03
8154		<0.03
8155		<0.03
8156		<0.03
8157		0.04
8158		<0.03
8159		0.04
8160		0.17
8161		0.34
8162		0.03
8163		<0.03
8164		<0.03
8165		0.05
8166		<0.03
8167		0.14
8168		<0.03
8169		<0.03
8170		0.04
8171		<0.03
8172		<0.03
8173		<0.03
10872		<0.03
10873		<0.03
10874		<0.03
10875		<0.03
10876		<0.03
10877		<0.03
10878		<0.03
10879		<0.03
10880		<0.03

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REPORT: T96-57519.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
------------------	------------------	-----------

10881		<0.03
10882		<0.03
10883		<0.03
10884		<0.03
10885		<0.03

10886		0.11
10887		<0.03
10888		0.23
10889		<0.03
10890		0.03

10891		0.06
10892		<0.03
10893		0.17
10894		<0.03
10895		0.06

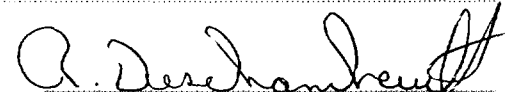
10896		0.82
10897		<0.03
10898		<0.03
10899		1.72
10900		0.05

10901		0.03
10902		0.41
10903		0.11
10904		<0.03
10905		<0.03

10906		<0.03
10907		<0.03
10908		<0.03
10909		0.08
10910		<0.03

10911		<0.03
10912		<0.03

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REPORT: T96-57522.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	AU G/T
8174		<0.03
8175		<0.03
8176		<0.03
8177		<0.03
8178		<0.03
8179		<0.03
8180		<0.03
8181		<0.03
8182		<0.03
10913		<0.03
10914		<0.03
10915		<0.03
10916		<0.03
10917		<0.03
10918		<0.03
10919		<0.03
10920		<0.03
10921		<0.03
10922		<0.03
10923		<0.03
10924		<0.03
10925		<0.03
10926		0.70
10927		0.04
10928		<0.03
10929		0.06
10930		0.06
10931		0.20
10932		0.18



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REPORT: T96-57529.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	Au G/T
8183		0.04
8184		0.12
8185		2.28
8186		0.19
8187		0.05
8188		0.06
8189		<0.03
8190		<0.03
8191		<0.03
8192		<0.03
8193		<0.03
8194		<0.03
8195		0.03
8196		<0.03
8197		<0.03
8198		<0.03
8199		<0.03
8200		<0.03
8201		0.05
8202		0.03



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CLIENT: BATTLE MOUNTAIN CANADA LTD.
REPORT: T96-57550.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	AU G/T
------------------	------------------	-----------

8203		<0.03
8204		<0.03
8205		<0.03
8206		<0.03
8207		<0.03

8208		<0.03
8209		<0.03
8210		<0.03
8211		<0.03
8212		<0.03

8213		<0.03
8214		<0.03
8215		<0.03
8216		<0.03
8401		<0.03

8402		<0.03
8403		<0.03
8404		<0.03
8405		0.03
8406		0.03

8407		<0.03
8408		<0.03
8409		<0.03
8410		<0.03
8411		<0.03

8412		0.10
8413		0.50
8414		<0.03
8415		<0.03

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170


Lab Supervisor



Inchcape Testing Services

Bondar Clegg

Certificate of Analysis

CLIENT: BATTLE MOUNTAIN CANADA LTD.
REPORT: T96-57586.0 (COMPLETE)

PROJECT: 668
DATE PRINTED: 18-OCT-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPM	SAMPLE NUMBER	ELEMENT UNITS	Au PPM
8217		<0.03	8257		0.07
8218		<0.03	8258		<0.03
8219		<0.03	8259		<0.03
8220		<0.03	8260		0.03
8221		<0.03	8261		<0.03
8222		<0.03	8262		<0.03
8223		<0.03	8263		<0.03
8224		0.07	8264		<0.03
8225		0.04	8265		<0.03
8226		<0.03	8266		<0.03
8227		<0.03	8267		0.06
8228		<0.03	8268		<0.03
8229		<0.03	8269		<0.03
8230		<0.03	8270		<0.03
8231		<0.03	8271		<0.03
8232		0.12			
8233		0.07			
8234		<0.03			
8235		<0.03			
8236		<0.03			
8237		<0.03			
8238		<0.03			
8239		<0.03			
8240		<0.03			
8241		<0.03			
8242		0.03			
8243		0.10			
8244		<0.03			
8245		<0.03			
8246		<0.03			
8247		<0.03			
8248		<0.03			
8249		<0.03			
8250		<0.03			
8251		<0.03			
8252		<0.03			
8253		0.04			
8254		<0.03			
8255		<0.03			
8256		<0.03			

Bondar-Clegg & Company Ltd.

5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada

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Lab Supervisor



Inchcape Testing Services

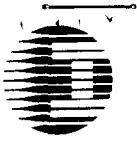
Bondar Clegg

Certificate
of
Analysis

CLIENT: BATTLE MOUNTAIN CANADA LTD.
REPORT: T96-57597.0 (COMPLETE)

PROJECT: 668
DATE PRINTED: 28-OCT-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
8272		0.03	8312		<0.03
8273		<0.03	8313		<0.03
8274		<0.03	8314		<0.03
8275		<0.03	8315		<0.03
8276		<0.03	8316		<0.03
8277		0.03	8317		<0.03
8278		<0.03	8318		0.03
8279		<0.03	8319		<0.03
8280		0.16	8320		<0.03
8281		0.20	8321		<0.03
8282		<0.03			
8283		0.03			
8284		<0.03			
8285		<0.03			
8286		<0.03			
8287		<0.03			
8288		0.04			
8289		0.05			
8290		<0.03			
8291		<0.03			
8292		<0.03			
8293		<0.03			
8294		0.17			
8295		0.06			
8296		0.04			
8297		<0.03			
8298		<0.03			
8299		<0.03			
8300		<0.03			
8301		<0.03			
8302		<0.03			
8303		<0.03			
8304		<0.03			
8305		<0.03			
8306		<0.03			
8307		<0.03			
8308		<0.03			
8309		<0.03			
8310		<0.03			
8311		<0.03			



Inchcape Testing Services

Bondar Clegg

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of
Analysis

CLIENT: BATTLE MOUNTAIN CANADA LTD.
REPORT: T96-57598.0 (COMPLETE)

PROJECT: 668
DATE PRINTED: 30-OCT-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	Au G/T
8322		<0.03	
8323		<0.03	
8324		0.21	
8325		<0.03	
8326		<0.03	
8327		<0.03	
8328		<0.03	
8329		<0.03	
8330		<0.03	
8331		0.04	
8332		<0.03	
8333		6.50	7.07
8334		0.22	
8335		0.04	
8336		0.03	
8337		0.03	
8338		<0.03	
8339		0.03	
8340		<0.03	
8341		<0.03	
8342		<0.03	
8343		<0.03	
8344		<0.03	
8345		0.03	



Bondar Clegg Inchcape Testing Services

Certificate of Analysis

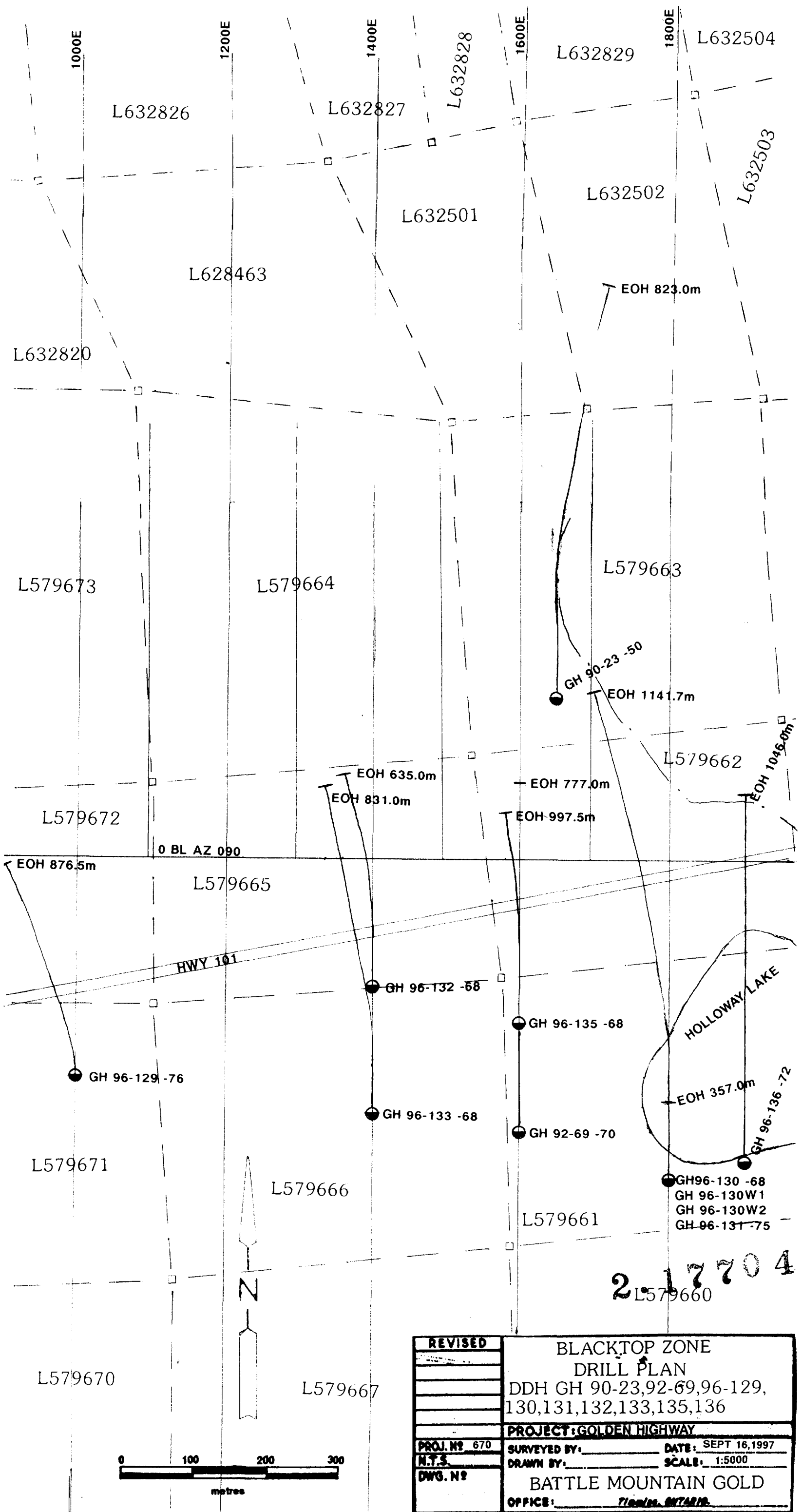
CLIENT: BATTLE MOUNTAIN CANADA LTD.
REPORT: T96-57551.0 (COMPLETE)

PROJECT: 668
DATE PRINTED: 7-OCT-96
PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	SAMPLE NUMBER	ELEMENT UNITS	Au G/T
10933		0.07	10973		0.18
10934		<0.03	10974		0.07
10935		<0.03	10975		0.04
10936		<0.03	10976		<0.03
10937		<0.03	10977		<0.03
10938		0.04	10978		<0.03
10939		<0.03	10979		<0.03
10940		<0.03	10980		<0.03
10941		<0.03	10981		<0.03
10942		<0.03	10982		<0.03
10943		<0.03	10983		<0.03
10944		<0.03	10984		<0.03
10945		<0.03	10985		<0.03
10946		<0.03	10986		<0.03
10947		0.17	10987		1.81
10948		0.52	10988		0.04
10949		0.04	10989		0.06
10950		<0.03	10990		0.14
10951		<0.03	10991		0.04
10952		<0.03	10992		<0.03
10953		<0.03	10993		0.19
10954		<0.03	10994		0.04
10955		<0.03	10995		<0.03
10956		<0.03	10996		<0.03
10957		<0.03	10997		<0.03
10958		<0.03	10998		0.05
10959		<0.03	10999		<0.03
10960		<0.03	11000		<0.03
10961		<0.03			
10962		<0.03			
10963		<0.03			
10964		<0.03			
10965		<0.03			
10966		<0.03			
10967		<0.03			
10968		<0.03			
10969		<0.03			
10970		<0.03			
10971		<0.03			
10972		<0.03			

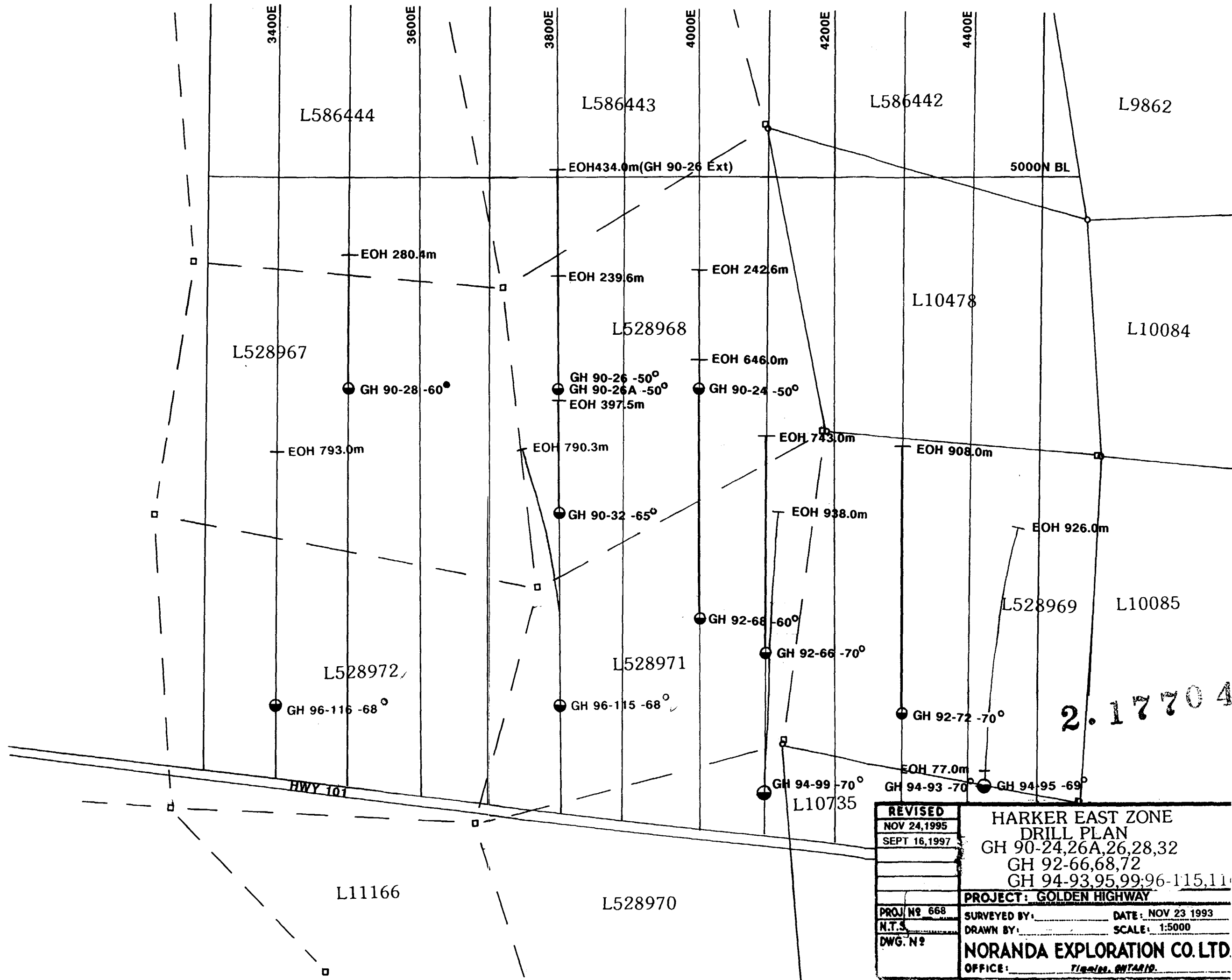
Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170


Lab Supervisor

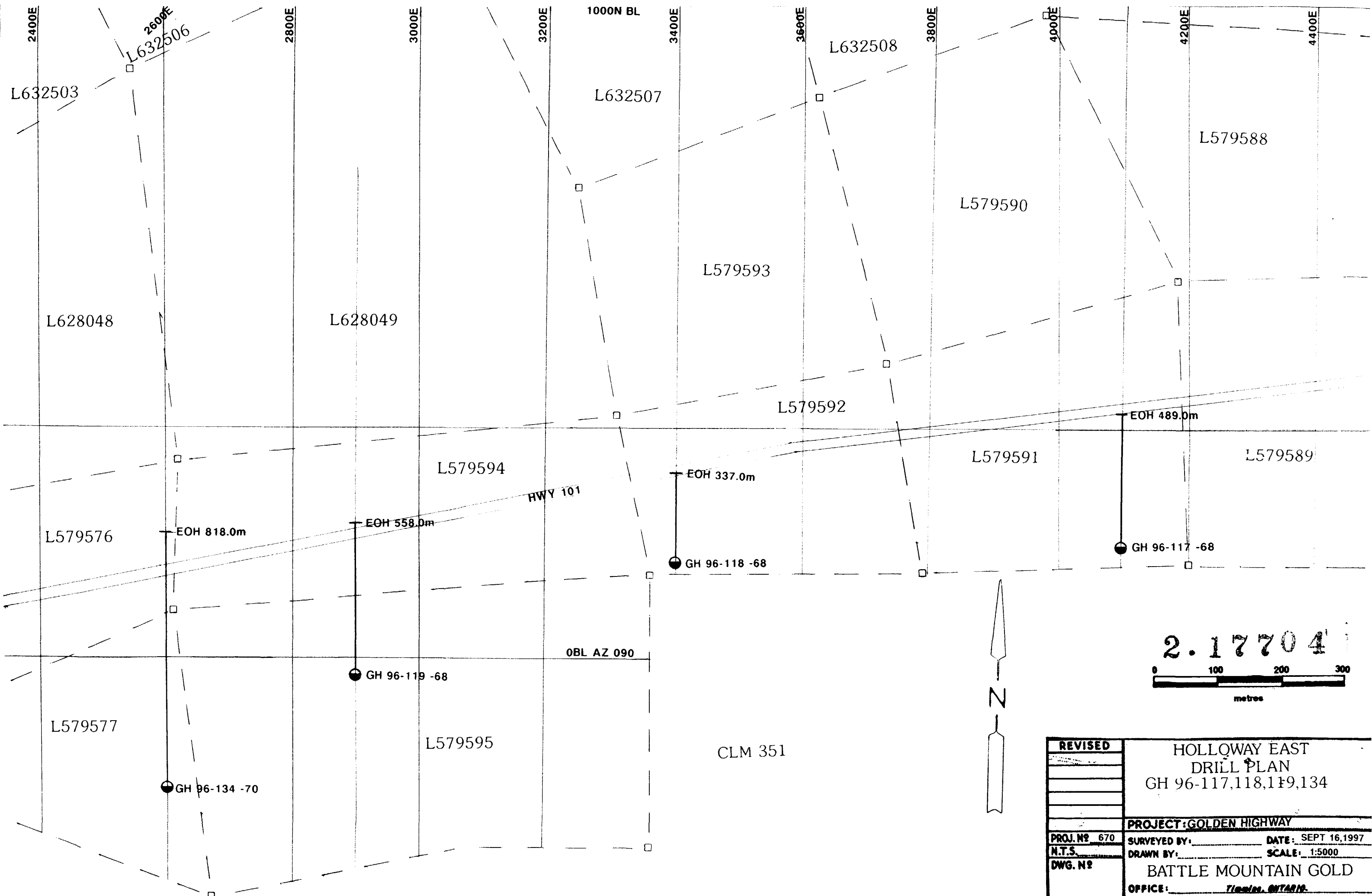


2.17704

REVISED	BLACKTOP ZONE DRILL PLAN	
	DDH GH 90-23,92-69,96-129, 130,131,132,133,135,136	
	PROJECT: GOLDEN HIGHWAY	
PROJ. NO. 670	SURVEYED BY: _____	DATE: SEPT 16, 1997
N.T.S.	DRAWN BY: _____	SCALE: 1:5000
DWG. NO.	BATTLE MOUNTAIN GOLD	
	OFFICE: _____	



REVISED	HARKER EAST ZONE	
NOV 24, 1995	DRILL PLAN	
SEPT 16, 1997	GH 90-24,26A,26,28,32	
	GH 92-66,68,72	
	GH 94-93,95,99;96-115,111	
	PROJECT: GOLDEN HIGHWAY	
PROJ. N ^o 668	SURVEYED BY:	DATE: NOV 23 1993
N.T.S.	DRAWN BY:	SCALE: 1:5000
DWG. N ^o	NORANDA EXPLORATION CO. LTD.	
	OFFICE: Timmins, ONTARIO.	



REVISED	HOLLOWAY EAST DRILL PLAN GH 96-117,118,119,134	
PROJECT: GOLDEN HIGHWAY		
PROJ. N ^o 670	SURVEYED BY:	DATE: SEPT 16, 1997
N.T.S.	DRAWN BY:	SCALE: 1:5000
DWG. N ^o	BATTLE MOUNTAIN GOLD	
	OFFICE:	Timmins, ONTARIO



Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)
07780.00976
Assessment Files Research Imaging

Personal Information collected under the Mining Act, the Information Access Act, and the Access to Information Act. Questions about this collection of information should be directed to: 933 Ramsey Lake Road, S



32D12SE0117 2.17704 HOLLOWAY

1) of the Mining Act. Under section 8 of the Mining Act and correspond with the mining land holder. Ministry of Northern Development and Mines, 6th Floor.

900

- Instructions: - For work performed on Crown Lands before recording a claim, use form 0240. - Please type or print in ink.

2.17704

1. Recorded holder(s) (Attach a list if necessary)

Form with fields for Name, Address, Client Number, Telephone Number, and Fax Number. Includes handwritten entry for Battle Mountain Canada Ltd.

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

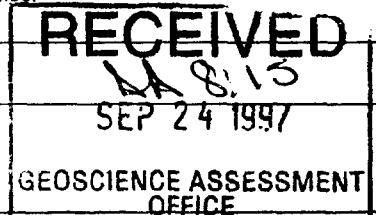
- Geotechnical: prospecting, surveys, assays and work under section 18 (regs)
Physical: drilling, stripping, trenching and associated assays
Rehabilitation

Form with fields for Work Type, Office Use, Dates Work Performed, Global Positioning System Data, Township/Area, Mining Division, and Resident Geologist District.

- Please remember to: - obtain a work permit from the Ministry of Natural Resources as required; - provide proper notice to surface rights holders before starting work; - complete and attach a Statement of Costs, form 0212; - provide a map showing contiguous mining lands that are linked for assigning work; - include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Form with fields for Name, Address, Telephone Number, and Fax Number for the person or company that prepared the technical report.



4. Certification by Recorded Holder or Agent

I, George J. Kalerzas, do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Form with fields for Signature of Recorded Holder or Agent, Date, Agent's Address, Telephone Number, and Fax Number.

DEC 23/97

SCHEDULE FOR DECLARATION OF ASSESSMENT WORK ON MINING LAND

Work Transaction # EASTCAN97.054

MINING CLAIM NUMBER. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	NUMBER OF CLAIM UNITS. For other mining land, list hectares.	VALUE OF WORK PERFORMED on this claim or other mining land	VALUE OF WORK APPLIED to this claim	VALUE OF WORK ASSIGNED to other mining claims	BANK. value of work to be distributed at a future date
1 L 0528967	1	19.338.00	✓		19.338.00
2 L 0528968	1	27.858.00	✓		27.858.00
3 L 0528971	1	32.695.00	✓		32.695.00
4 L 0528972	1	40.153.00	✓		40.153.00
5 8000614 L 0579576	15 ha	16.538.00	✓		16.538.00
6 8000615 L 0579577	15 ha	46.434.00	✓		46.434.00
7 8000615 L 0579591	17 ha	35.649.00	✓		35.649.00
8 8000615 L 0579592	12 ha	24.328.00	✓		24.328.00
9 8000615 L 0579594	17 ha	18.222.00	✓		18.222.00
10 8000615 L 0579595	30 ha	24.174.00	✓		24.174.00
11 8000623 L 0579661	15 ha	172.884.00	✓	22.900.00	149.984.00
12 8000623 L 0579662	13 ha	119.275.00	✓	19.600.00	99.675.00
13 8000623 L 0579663	18 ha	31.620.00	✓		31.620.00
14 8000623 L 0579665	14 ha	88.644.00	✓	5.655.00	82.989.00
15 8000623 L 0579666	18 ha	27.836.00	✓		27.836.00
16 8000623 L 0579671	15 ha	21.952.00	✓		21.952.00
17 8000623 L 0579672	12 ha	48.258.00	✓		48.258.00
18 8000623 L 0632501	12 ha	1.452.00	✓		1.452.00
19 8000623 L 0632502	15 ha	18.231.00	✓		18.231.00
20 L 0586438	1	0.00		400.00	✓
21 L 0586439	1	0.00		400.00	✓
22 L 0586440	1	0.00		400.00	✓
23 L 0586441	1	0.00		400.00	✓
24 L 0586442	1	0.00		400.00	✓
25 L 0586443	1	0.00		400.00	✓
26 L 0586444	1	0.00		400.00	✓
27 L 0586608	1	0.00		400.00	✓
28 L 0586609	1	0.00		400.00	✓
29 L 0586610	1	0.00		400.00	✓
30 L 0586611	1	0.00		400.00	✓
31 L 0586612	1	0.00		400.00	✓
32 L 0586613	1	0.00		400.00	✓
33 L 0586614	1	0.00		400.00	✓
34 L 0586615	1	0.00		400.00	✓
35 L 0586632	1	0.00		400.00	✓
36 L 0596245	1	0.00		400.00	✓
37 L 0596246	1	0.00		400.00	✓
38 L 0596251	1	0.00		400.00	✓
39 L 0596252	1	0.00		400.00	✓
40 L 0596253	1	0.00		400.00	✓
41 L 0596254	1	0.00		400.00	✓
42 L 0596255	1	0.00		400.00	✓
43 L 0596256	1	0.00		400.00	✓
44 L 0596257	1	0.00		400.00	✓
45 L 0596258	1	0.00		400.00	✓
46 L 0596259	1	0.00		400.00	✓
47 L 0596260	1	0.00		400.00	✓

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 SEP 24 1997
 GEOSCIENCE ASSESSMENT OFFICE

SCHEDULE FOR DECLARATION OF ASSESSMENT WORK ON MINING LAND

Work Transaction # EASTCAN97.054

MINING CLAIM NUMBER. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	NUMBER OF CLAIM UNITS. For other mining land, list hectares.	VALUE OF WORK PERFORMED on this claim or other mining land	VALUE OF WORK APPLIED to this claim	VALUE OF WORK ASSIGNED to other mining claims	BANK. Value of work to be distributed at a future date
48	L 0596261	1	0.00	400.00	✓
49	L 0632507	1	0.00	400.00	✓
50	L 0632508	1	0.00	400.00	✓
51	L 0632509	1	0.00	400.00	✓
52	L 0632510	1	0.00	400.00	✓
53	L 0632515	1	0.00	400.00	✓
54	L 0632516	1	0.00	400.00	✓
55	L 0632517	1	0.00	400.00	✓
56	L 0632518	1	0.00	400.00	✓
57	L 0632519	1	0.00	400.00	✓
58	L 0632520	1	0.00	400.00	✓
59	L 0632818	1	0.00	400.00	✓
60	L 0632819	1	0.00	400.00	✓
61	L 0632821	1	0.00	400.00	✓
62	L 0632822	1	0.00	400.00	✓
63	L 0632823	1	0.00	400.00	✓
64	L 0632824	1	0.00	400.00	✓
65	L 0632825	1	0.00	400.00	✓
66	L 0641630	1	0.00	400.00	✓
67	L 0641769	1	0.00	400.00	✓
68	L 0641770	1	0.00	400.00	✓
69	L 0641771	1	0.00	400.00	✓
70	L 0641782	1	0.00	400.00	✓
71	L 0641783	1	0.00	400.00	✓
72	L 0641784	1	0.00	400.00	✓
73	L 0641785	1	0.00	400.00	✓
74	L 0641786	1	0.00	400.00	✓
75	L 0641787	1	0.00	400.00	✓
76	L 0663723	1	0.00	400.00	✓
77	L 0663724	1	0.00	400.00	✓
78	L 0663725	1	0.00	400.00	✓
79	L 0663726	1	0.00	400.00	✓
80	L 0663727	1	0.00	400.00	✓
81	L 0663728	1	0.00	400.00	✓
82	L 0663730	1	0.00	400.00	✓
83	L 0663731	1	0.00	400.00	✓
84	L 0663732	1	0.00	400.00	✓
85	L 0663733	1	0.00	400.00	✓
86	L 0667156	1	0.00	400.00	✓
87	L 0667157	1	0.00	400.00	✓
88	L 0667158	1	0.00	400.00	✓
89	L 0678842	1	0.00	400.00	✓
90	L 0678845	1	0.00	400.00	✓
91	L 0678846	1	0.00	400.00	✓
92	L 0678847	1	0.00	400.00	✓
93	L 0678848	1	0.00	400.00	✓
94	L 0678849	1	0.00	400.00	✓

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SCHEDULE FOR DECLARATION OF ASSESSMENT WORK ON MINING LAND

Work Transaction # EASTCAN97.054

MINING CLAIM NUMBER, Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	NUMBER OF CLAIM UNITS. For other mining land, list hectares.	VALUE OF WORK PERFORMED on this claim or other mining land	VALUE OF WORK APPLIED to this claim	VALUE OF WORK ASSIGNED to other mining claims	BANK. Value of work to be distributed at a future date
95	L 0678850	1	0.00	400.00	✓
96	L 0678851	1	0.00	400.00	✓
97	L 0678853	1	0.00	400.00	✓
98	L 0678854	1	0.00	400.00	✓
99	L 0678855	1	0.00	400.00	✓
100	L 0682807	1	0.00	400.00	✓
101	L 0682808	1	0.00	400.00	✓
102	L 0837130	1	0.00	400.00	✓
103	L 0837131	1	0.00	400.00	✓
104	L 0837132	1	0.00	400.00	✓
105	L 0837133	1	0.00	400.00	✓
106	L 0837134	1	0.00	400.00	✓
107	L 0837135	1	0.00	400.00	✓
108	L 0837388	1	0.00	400.00	✓
109	L 0837389	1	0.00	400.00	✓
110	L 0837390	1	0.00	800.00	✓
111	L 0837391	1	0.00	800.00	✓
112	L 0837393	1	0.00	400.00	✓
113	L 0837394	1	0.00	400.00	✓
114	L 0837395	1	0.00	400.00	✓
115	L 0837396	1	0.00	400.00	✓
116	L 0837397	1	0.00	555.00	✓
117	L 0837398	1	0.00	400.00	✓
118	L 0837399	1	0.00	400.00	✓
119	L 0837400	1	0.00	400.00	✓
120	L 0837401	1	0.00	400.00	✓
121	L 1034617	1	0.00	400.00	✓
122	L 1086360	1	0.00	400.00	✓
123	L 1086361	1	0.00	400.00	✓
124	L 1086362	1	0.00	400.00	✓
125	L 1086363	1	0.00	400.00	✓
126	L 1086364	1	0.00	400.00	✓
127	L 1111610	1	0.00	400.00	✓
128	L 1116486	1	0.00	400.00	✓
129	L 1137350	1	0.00	400.00	✓
130	L 1137360	1	0.00	400.00	✓
131	L 1137370	1	0.00	400.00	✓
132	L 1201109	2	0.00	800.00	✓
133	L 1201110	1	0.00	400.00	✓
134	L 0837127	1	0.00	400.00	✓
135	L 0837128	1	0.00	400.00	✓
136	L 0837129	1	0.00	400.00	✓

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 8.13
 SEP 24 1997
 GEOSCIENCE ASSESSMENT
 OFFICE

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
Diamond Drilling	10,137.6 metres	63.29/m	641,663.00
Labour	484 man days	224.20/man day	108,963.00
Assaying (Au)	1760 samples	9.50/sample	16,720.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
Sperry-Sun rental		1850/mc	20,305.00
Radio phone rental			865.00
Crate pallets, camp bags			1639.00
Transportation Costs			
Rental trucks & gas			18,270.00
Food and Lodging Costs			
Campsite, groceries			7116.00
Total Value of Assessment Work			815,541.00

Calculations of Filing Discounts:

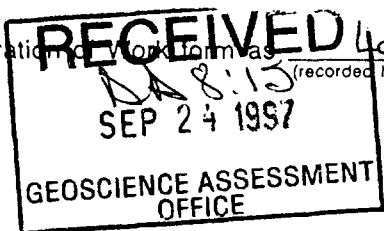
1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

Note:
 - Work older than 5 years is not eligible for credit.
 - A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, George J. Koleszar (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work Form as lands Manager (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.



Signature: [Signature] Date: Sept 22, 1997

November 20, 1997

George J. Koleszar
BATTLE MOUNTAIN CANADA LTD.
P.O. Box 1205
60 Shirley Street South
Timmins, ONTARIO
P4N 7J5

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (705) 670-5863

Dear Sir or Madam:

Submission Number: 2.17704

Status

Subject: Transaction Number(s): W9780.00976 Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in **DUPLICATE** to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at beneteau_s@torv05.ndm.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,



ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.17704

Date Correspondence Sent: November 20, 1997

Assessor: Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9780.00976	579576	HARKER, HOLLOWAY	Deemed Approval	November 20, 1997

Section:

16 Drilling PDRILL

Correspondence to:

Resident Geologist
Kirkland Lake, ON

Recorded Holder(s) and/or Agent(s):

George J. Koleszar
BATTLE MOUNTAIN CANADA LTD.
Timmins, ONTARIO

Assessment Files Library
Sudbury, ON



LAMPLUGH TWP M-358

NOTICE OF FORESTRY ACTIVITY
 THIS TOWNSHIP AREA FALLS WITHIN THE
 ABITIBI MANAGEMENT UNIT
 AND MAY BE SUBJECT TO FORESTRY OPERATIONS.
 THE M.N.R. UNIT FORESTER FOR THIS AREA CAN BE
 CONTACTED AT: P.O. BOX 129 SWASTIKA ONT. POK-ITO
 705-642-3222

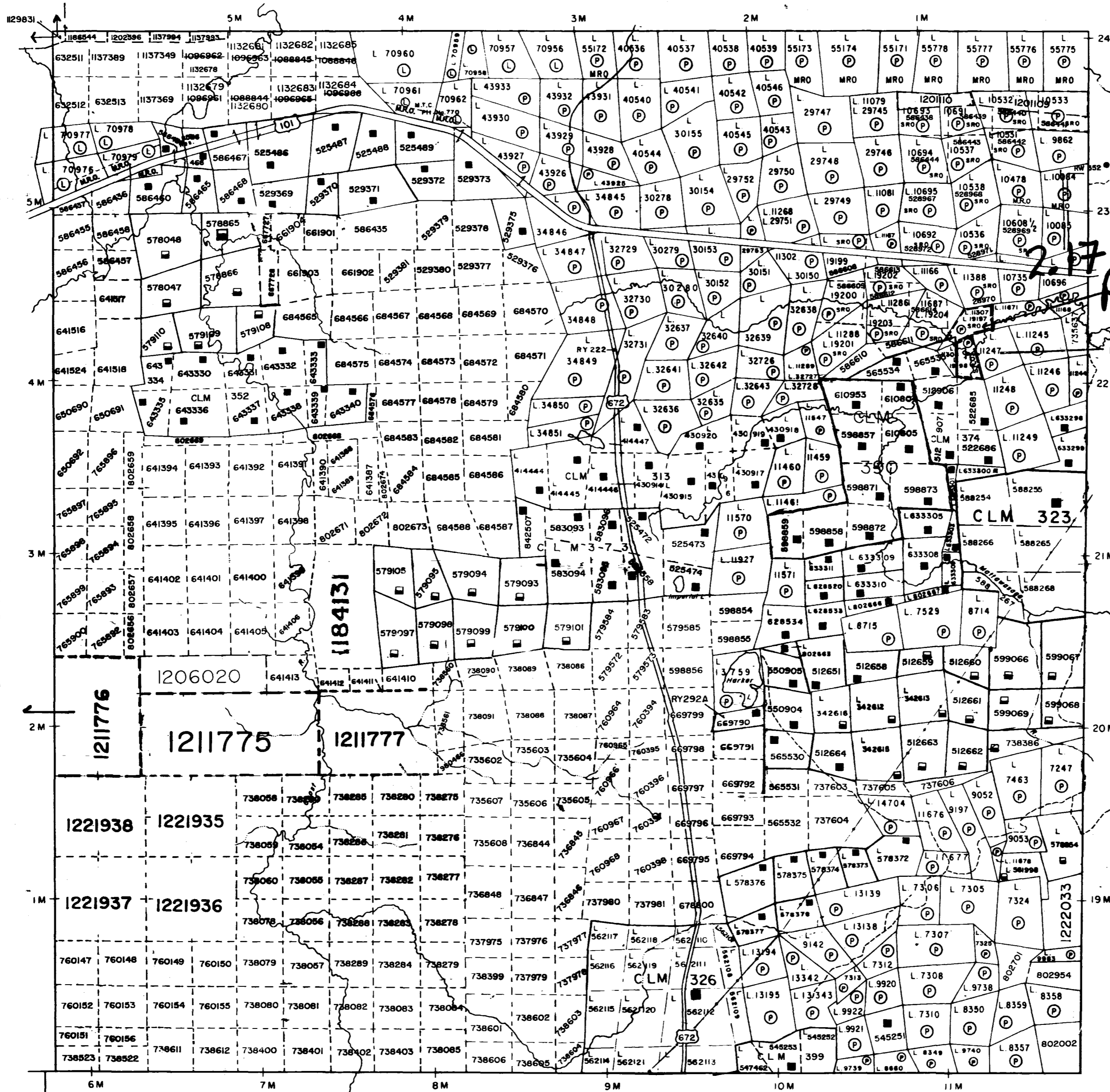
THE TOWNSHIP
 OF
HARKER
 DISTRICT OF
 COCHRANE

LARDER LAKE
 MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

GARRISON TWP M-349

HOLLOWAY TWP M-356



LEGEND

- PATENTED LAND ● or (P)
- CROWN LAND SALE C.S.
- LEASES ■ or (L)
- LOCATED LAND Loc.
- LICENSE OF OCCUPATION L.O.
- MINING RIGHTS ONLY M.R.O.
- SURFACE RIGHTS ONLY S.R.O.
- ROADS ———
- IMPROVED ROADS ———
- KING'S HIGHWAYS ———
- RAILWAYS ———
- POWER LINES ———
- MARSH OR MUSKEG ———
- MINES ———
- CANCELLED PATENTED S.R.O. ———
- LEASE - MINING RIGHTS ONLY ———
- ORDER - IN - COUNCIL ———

NOTES

400' Surface Rights reservation along the shores of all lakes and rivers.

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
L.U.P.			LAND USE PERMIT NO. 117130, PENDING APPLICATION UNDER PUBLIC LANDS ACT	

L.U.P. LAND USE PERMIT NO. 117130, PENDING APPLICATION UNDER PUBLIC LANDS ACT

DATE OF ISSUE

NOV 19 1997

PROVINCIAL RECORDING
 OFFICE - SUDBURY



Ministry of Natural Resources
 Ministry of Northern Development and Mines

Date _____ Number **G-3643**

ELLIOTT TWP M-347

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO START MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

C-3651

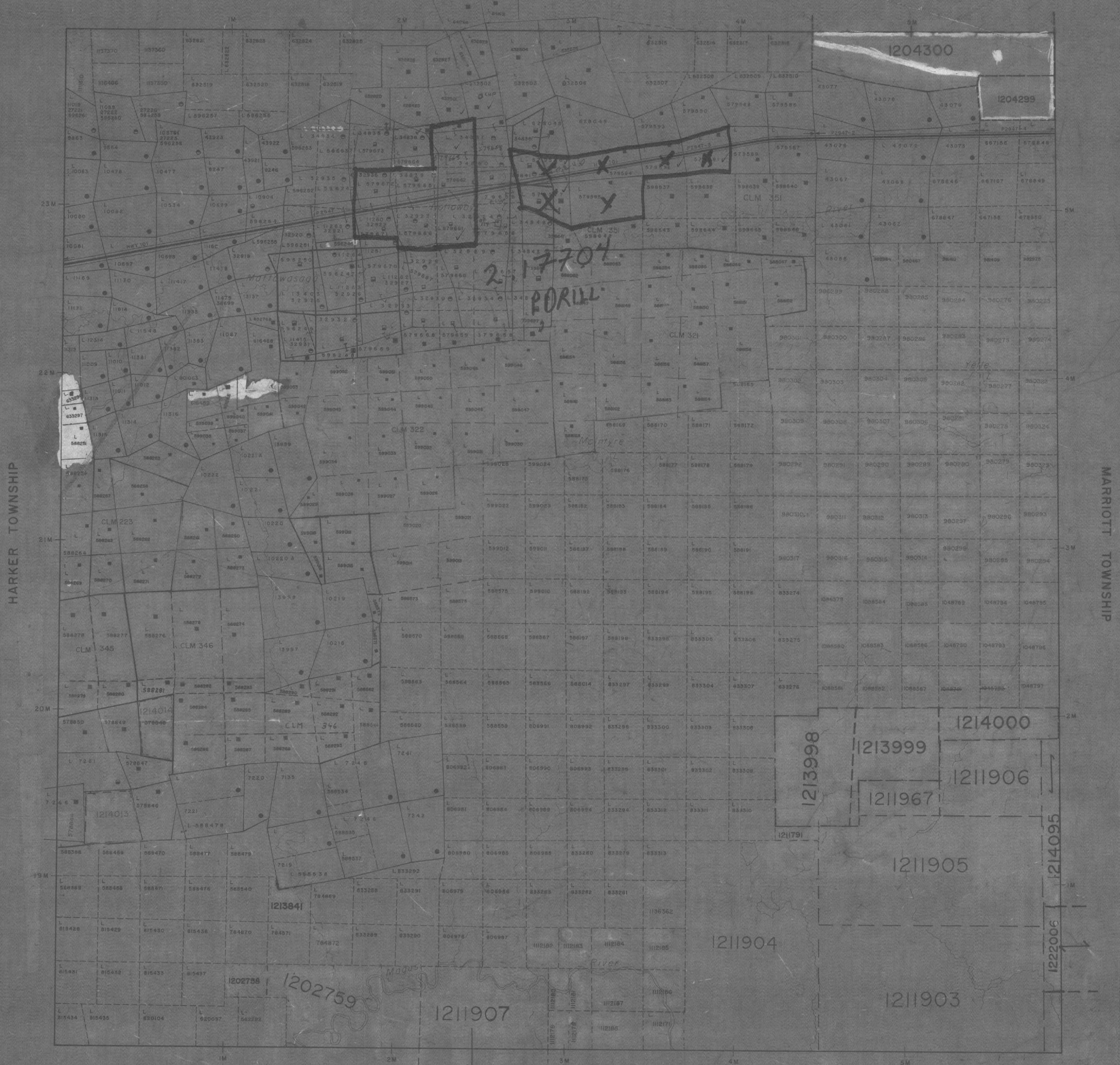
C-3651

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
346.36/80	W.9/85	05/11/85	M.S.R.	
347.36/80	W.9/85	24/01/86	M.S.R.	

FRECHEVILLE TOWNSHIP



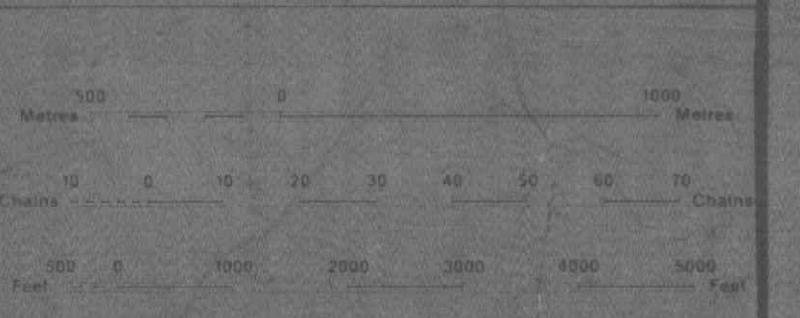
LEGEND

HIGHWAY AND ROUTE NO.	—
OTHER ROADS	---
TRAILS	---
SURVEYED LINES	---
TOWNSHIP BASE LINES, ETC.	---
LOTS, MINING CLAIMS, PARCELS, ETC.	---
UNSURVEYED LINES	---
RAILROADS	---
MINING CLAIMS, ETC.	---
RATWAY AND RIGHT OF WAY	---
UTILITY LINES	---
NON-PERMANENT STREAM	---
FLOODING OR FLOODING RIGHTS	---
SUBDIVISION OR COMPOSITE PLAN	---
RESERVATIONS	---
ORIGINAL SHORELINE	---
MARSH OR MUSKOG	---
MINES	---
TRAVERSE MONUMENT	---

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	●
SURFACE RIGHTS ONLY	○
MINING RIGHTS ONLY	○
LEASE, SURFACE & MINING RIGHTS	○
SURFACE RIGHTS ONLY	○
MINING RIGHTS ONLY	○
LICENSE OF OCCUPATION	○
ORDER IN COUNCIL	○
RESERVATION	○
CANCELLED	○
SAND & GRAVEL	○

NOTE: Mining rights in parcels patented prior to May 1, 1913, vested in original patentee by the Public Lands Act, R.S.O. 1970, Chap. 360, Sec. 43, Subsec. 1.



DATE OF ISSUE
 SEP 24 1987
 PROVINCIAL RECORDING
 OFFICE - SUDBURY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION.



TOWNSHIP
HOLLOWAY
 M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE
 MINING DIVISION
LARDER LAKE
 LAND TITLES / REGISTRY DIVISION
COCHRANE

Ministry of Natural Resources Ontario
 Ministry of Northern Development and Mines

October, 1986
G-3651

COPY OF THIS MYLAR
 ARCHIVED MAY 11/92
 ARCHIVED OCTOBER 25, 1994

HWT YAWOJLOH

HWT YAWOJLOH

C-3651

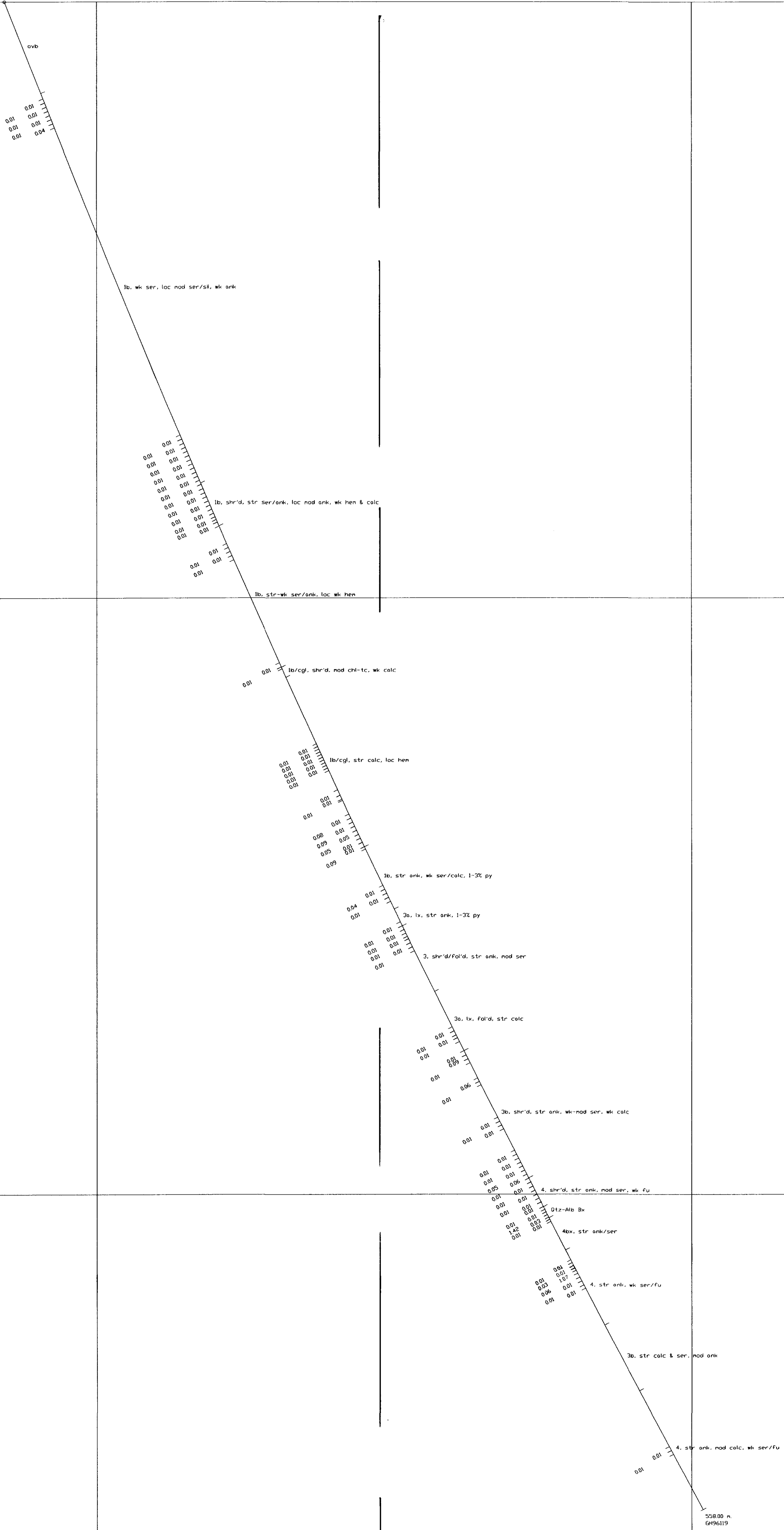
C-3651

GH96179

L579595

L579594

AZ 360



LEGEND	ABBREVIATIONS
<p>Diabase (All Ages)</p> <p>Felsic to Intermediate Intrusive</p> <p>Mafic to Ultramafic Intrusive</p> <p>Classic Sediments</p> <p>Chemical Sediments</p> <p>Felsic to Intermediate Volcanics</p> <p>Mafic Volcanics</p> <p>Ultramafic Volcanics - Unsubdivided</p>	<p>Textural</p> <p>Veining</p> <p>Alteration</p> <p>Structural</p> <p>OTHER</p> <p>Mineralization</p> <p>Intensity Code</p>

Timmins, ONT.

Battle Mountain Gold

SECTION 2900E **2. 7704**

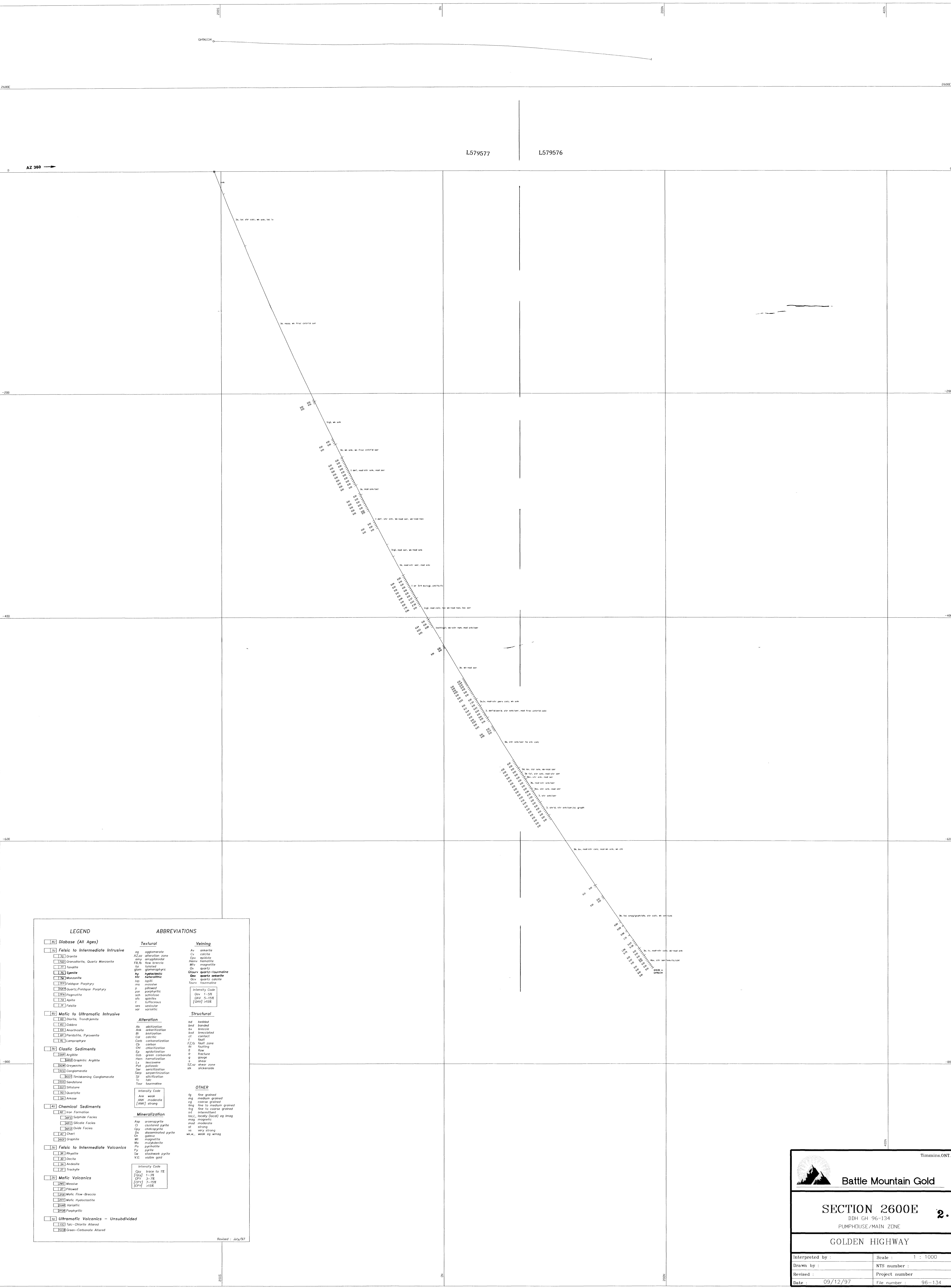
DDH GH 96-119
PUMPHOUSE/MAIN ZONE

GOLDEN HIGHWAY

Interpreted by :	Scale : 1 : 1000
Drawn by :	NTS number :
Revised :	Project number :
Date : 09/12/97	File number : 96-119



240



LEGEND		ABBREVIATIONS	
[100] Diabase (All Ages)		Textural	Veining
[20] Felsic to Intermediate Intrusive		ag agglomerate	Av arsenite
[101] Granite		AZ az alteration zone	Cv carbonate
[120] Granodiorite, Quartz Monzonite		am amphibole	Ep epidote
[121] Quartz		Fls flow breccia	Em epidote
[122] Syenite		Is igneous	Miv magnetite
[123] Monzonite		gm gneiss	Qt quartz
[124] Felsophic Porphyry		gpm gneissophytic	Qtz quartz-tourmaline
[125] Quartz/Plagioclase Porphyry		Hy hydrothermal	Qv quartz vein
[126] Pegmatite		ht hornblende	Qtz carbonate
[127] Amphibole		ms muscovite	Qtz tourmaline
[128] Felsite		pl plagioclase	
[30] Mafic to Ultramafic Intrusive		por porphyritic	
[130] Diabase, Trondhjemite		sph sphalerite	
[131] Gabbro		sp spinel	
[132] Anorthosite		st staurolite	
[133] Peridotite, Pyroxenite		tr tourmaline	
[134] Lamprophyre		var variscite	
[40] Clastic Sediments			
[140] Argillite		Alteration	
[141] Graphitic Argillite		Ab albionization	
[142] Gravelite		Am alteration	
[143] Conglomerate		Bl bleb	
[144] Finning Conglomerate		Blc bleb	
[145] Sandstone		Blf bleb	
[146] Siltstone		Blm bleb	
[147] Quartzite		Bln bleb	
[148] Arkose		Blp bleb	
[50] Chemical Sediments		Blr bleb	
[150] Iron Formation		Bls bleb	
[151] Sulfide Facies		Blt bleb	
[152] Silicate Facies		Blu bleb	
[153] Oxide Facies		Blv bleb	
[154] Chert		Blw bleb	
[155] Graphite		Blx bleb	
[60] Felsic to Intermediate Volcanics		Blz bleb	
[160] Rhyolite		Blaa bleb	
[161] Dacite		Blab bleb	
[162] Andesite		Blac bleb	
[163] Trachyte		Blad bleb	
[70] Mafic Volcanics		Blae bleb	
[170] Basalt		Blaf bleb	
[171] Basalt Flow Breccia		Blag bleb	
[172] Mafic Hyaloclastite		Blah bleb	
[173] Variolite		Blai bleb	
[174] Porphyritic		Blaj bleb	
[80] Ultramafic Volcanics - Unsubdivided		Blak bleb	
[180] Talc-Diorite Altered		Blal bleb	
[181] Green-Carbonate Altered		Blam bleb	

Timmins, ONT.

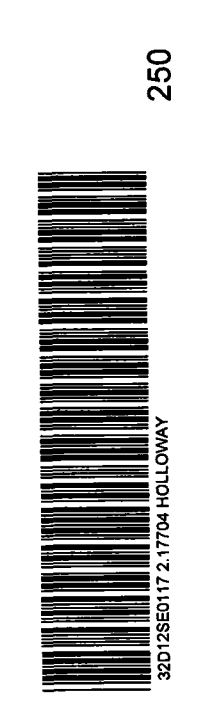
Battle Mountain Gold

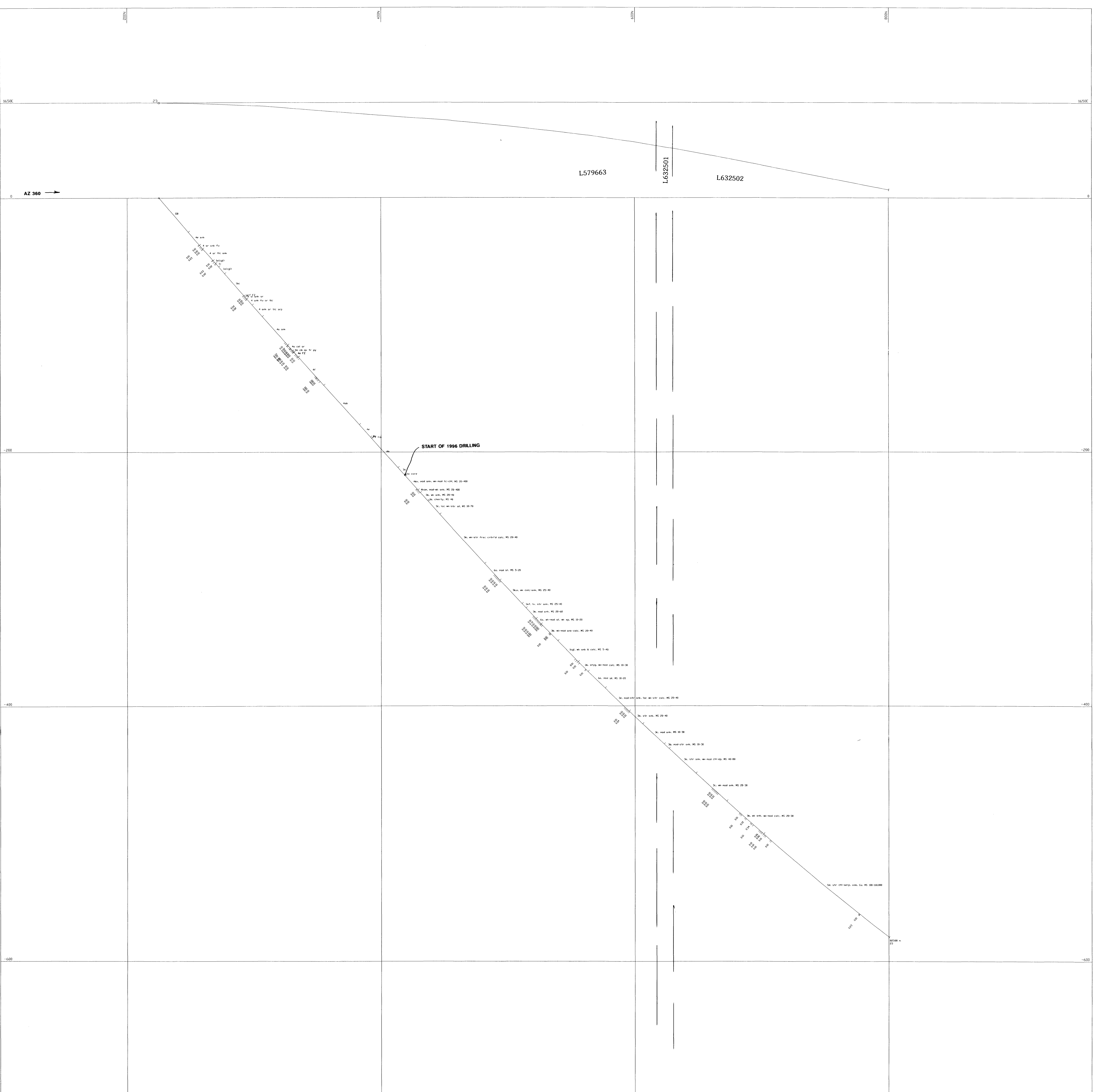
SECTION 2600E 2. 77041

DDH GH 96-134
PUMPHOUSE/MAIN ZONE

GOLDEN HIGHWAY

Interpreted by :	Scale : 1 : 1000
Drawn by :	NTS number :
Revised :	Project number :
Date : 09/12/97	File number : 96-134





LEGEND		ABBREVIATIONS	
[Symbol]	Diabase (All Ages)	Textural	Veining
[Symbol]	Felsic to Intermediate Intrusive	Ag	agglomerate
[Symbol]	Granite	Ca	calcite
[Symbol]	Granodiorite, Quartz Monzonite	CaF	calciferous zone
[Symbol]	Gneiss	FSB	fine grained
[Symbol]	Quartzite	FSM	fine medium grained
[Symbol]	Mylonite	FSL	fine large grained
[Symbol]	Quartzite/Pyroxene Amphibole	FSM	fine medium grained
[Symbol]	Pyroxene Amphibole	FSL	fine large grained
[Symbol]	Mafic to Ultramafic Intrusive	FSM	fine medium grained
[Symbol]	Basalt, Trochilite	FSL	fine large grained
[Symbol]	Andesite	FSM	fine medium grained
[Symbol]	Diorite	FSL	fine large grained
[Symbol]	Gabbro	FSM	fine medium grained
[Symbol]	Peridotite, Pyroxenite	FSL	fine large grained
[Symbol]	Lamprophyre	FSM	fine medium grained
[Symbol]	Classic Sediments	FSL	fine large grained
[Symbol]	Sandstone	FSM	fine medium grained
[Symbol]	Shale	FSL	fine large grained
[Symbol]	Organic Argillite	FSM	fine medium grained
[Symbol]	Craywack	FSL	fine large grained
[Symbol]	Conglomerate	FSM	fine medium grained
[Symbol]	Unconsolidated Compaction	FSL	fine large grained
[Symbol]	Sandstone	FSM	fine medium grained
[Symbol]	Siltstone	FSL	fine large grained
[Symbol]	Quartzite	FSM	fine medium grained
[Symbol]	Arkose	FSL	fine large grained
[Symbol]	Chemical Sediments	FSM	fine medium grained
[Symbol]	Non-Ferrous	FSL	fine large grained
[Symbol]	Sulfide Facies	FSM	fine medium grained
[Symbol]	Sulfate Facies	FSL	fine large grained
[Symbol]	Sulfide Facies	FSM	fine medium grained
[Symbol]	Chert	FSL	fine large grained
[Symbol]	Opalite	FSM	fine medium grained
[Symbol]	Felsic to Intermediate Volcanics	FSL	fine large grained
[Symbol]	Phyolite	FSM	fine medium grained
[Symbol]	Trachyte	FSL	fine large grained
[Symbol]	Andesite	FSM	fine medium grained
[Symbol]	Trachyte	FSL	fine large grained
[Symbol]	Mafic Volcanics	FSM	fine medium grained
[Symbol]	Basalt	FSL	fine large grained
[Symbol]	Mafic Flow-Breccia	FSM	fine medium grained
[Symbol]	Mafic Pyroclastic	FSL	fine large grained
[Symbol]	Volcanic	FSM	fine medium grained
[Symbol]	Porphyritic	FSL	fine large grained
[Symbol]	Ultramafic Volcanics - Unsubdivided	FSM	fine medium grained
[Symbol]	Iron-Oxide Altered	FSL	fine large grained
[Symbol]	Green-Carbonate Altered	FSM	fine medium grained

280

80058911 2 0704 00000000

280

Timmins, ONT.

Battle Mountain Gold

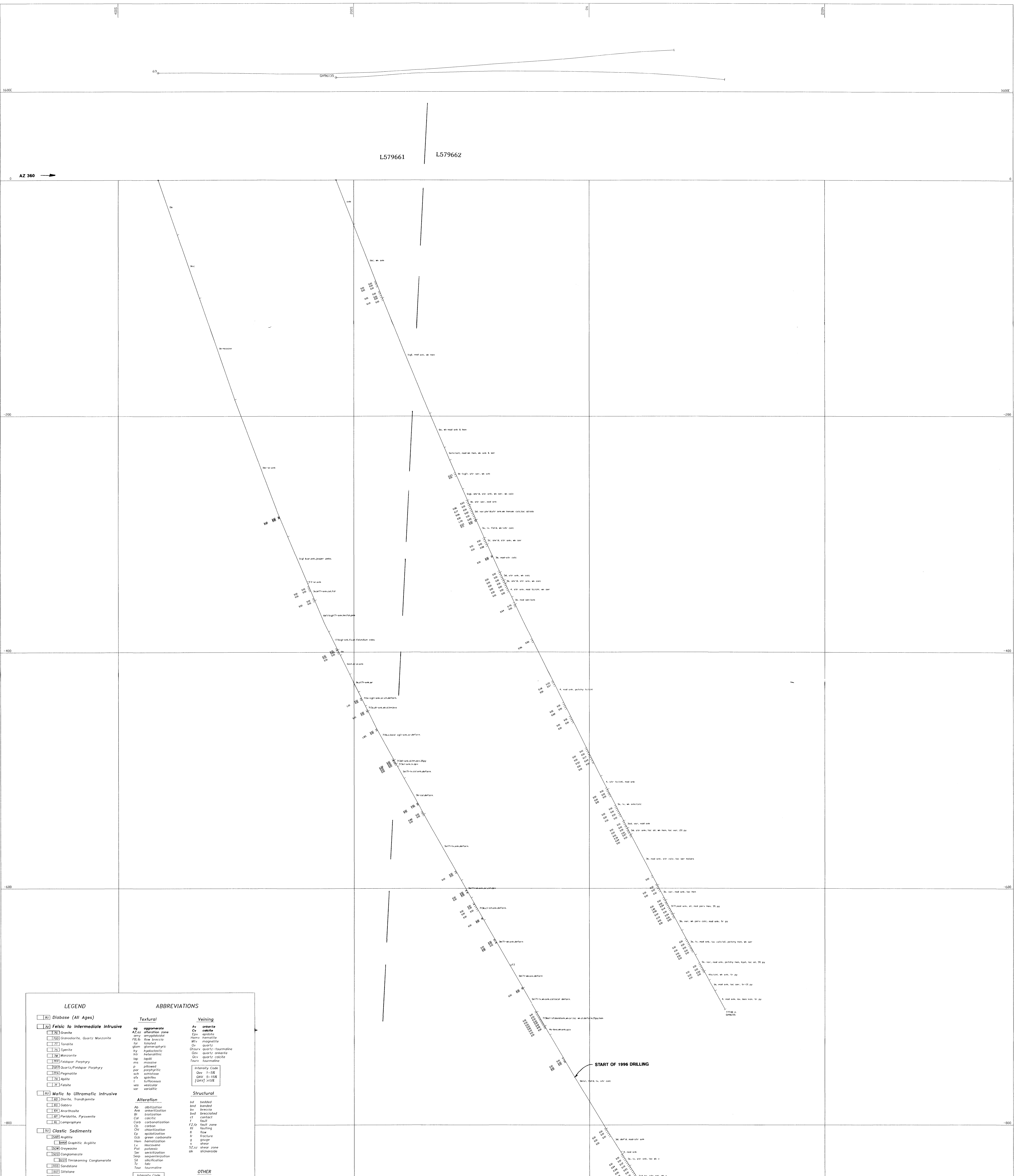
SECTION 1650E 2.17704

DDH GH 90-23
BLACKTOP ZONE


GOLDEN HIGHWAY

Interpreted by :	Scale :	1 : 1000
Drawn by :	NTS number :	
Revised :	Project number :	
Date : 09/12/97	File number :	90-23

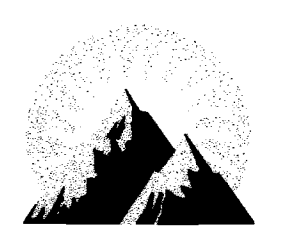
Revised : July/97



LEGEND		ABBREVIATIONS	
[R] Diabase (All Ages)		Textural	Veining
[R] Felcic to Intermediate Intrusive		ag agglomerate	Av andesite
[R] Granite		AZ Azar alteration zone	Cv calcite
[R] Granodiorite, Quartz Monzonite		am amygdule	Ec eclogite
[R] Gabbro		Fl, B flow breccia	Em hematite
[R] Diorite		glom glomerophytic	Ms magnetite
[R] Gneiss		hy hydrothermal	Qz quartz
[R] Monzonite		ht heterotaxitic	QzAm quartz-tourmaline
[R] Feldspar Porphyry		htc heterotaxitic calcite	QzAn quartz andesite
[R] Quartz/Feldspar Porphyry		ms massive	QzC calcite
[R] Pegmatite		o oolitic	QzFz quartz-fournite
[R] Apolite		por porphyritic	QzFzAm quartz-fournite andesite
[R] Felsite		sch schistose	QzFzC quartz-fournite calcite
[R] Mafic to Ultramafic Intrusive		st strombolitic	QzFzAmC quartz-fournite andesite calcite
[R] Diorite, Troctolite		tr trachytic	
[R] Gabbro			
[R] Andesite			
[R] Basalt			
[R] Siltstone, Pyroxenite			
[R] Conglomerate			
[R] Sandstone			
[R] Chemical Sediments			
[R] Iron Formation			
[R] Siliceous Facies			
[R] Siliceous Facies			
[R] Chert			
[R] Dolomite			
[R] Felcic to Intermediate Volcanics			
[R] Rhyolite			
[R] Diabase			
[R] Andesite			
[R] Basalt			
[R] Mafic Volcanics			
[R] Mafic Flow-Breccia			
[R] Mafic Hypoclastite			
[R] Variolite			
[R] Porphyritic			
[R] Ultramafic Volcanics - Unsubdivided			
[R] Talc-Chlorite Altered			
[R] Green-Carbonate Altered			



290



Battle Mountain Gold

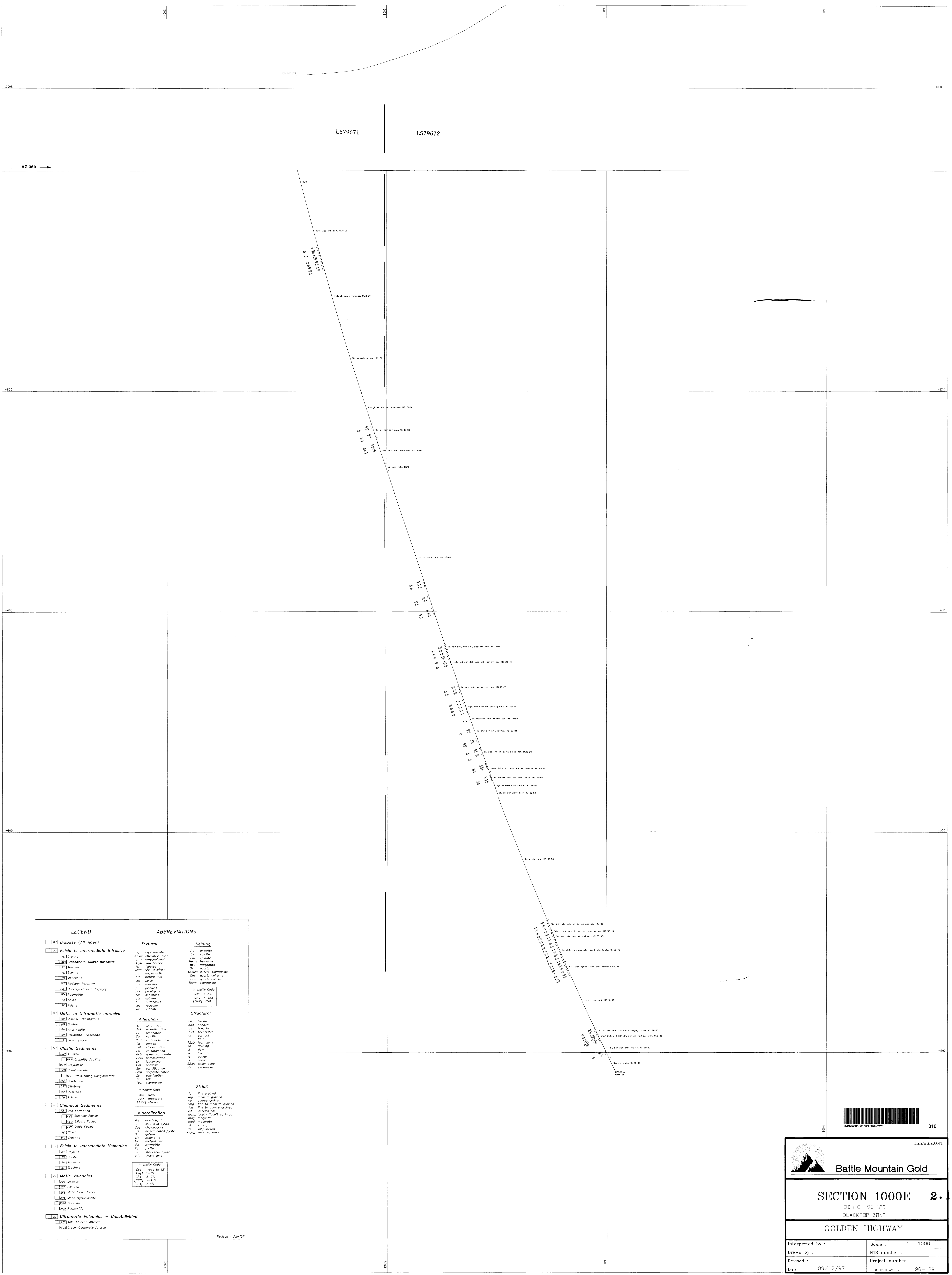
SECTION 1600E 2.17704

DBH GH 96-135,92-69
BLACKTOP ZONE

GOLDEN HIGHWAY

Interpreted by :	Scale : 1 : 1000
Drawn by :	NTS number :
Revised :	Project number :
Date 09/12/97	File number 96-135

Revised : July/97



LEGEND		ABBREVIATIONS	
[80] Diabase (All Ages)		Textural	Vein
[90] Felsic to Intermediate Intrusive		ag agglomerate	As arsenite
[100] Granite		AZ az alteration zone	Cx calcite
[100] Granodiorite, Quartz Monzonite		am amphibole	Edz epidote
[110] Tonalite		FB B flow breccia	HM Hem hematite
[120] Granite		fs feldspar	Ms magnetite
[130] Monzonite		gn gneiss	Qtz quartz
[140] Felsic Diorite		gy gneiss	Qtz quartz
[150] Quartz-Feldspar Porphyry		h hornblende	Qtz quartz
[160] Pegmatite		ht hornblende	Qtz quartz
[170] Apite		htr hornblende	Qtz quartz
[180] Felsite		htr hornblende	Qtz quartz
[190] Mafic to Ultramafic Intrusive		htr hornblende	Qtz quartz
[200] Diabase		htr hornblende	Qtz quartz
[210] Anorthosite		htr hornblende	Qtz quartz
[220] Peridotite, Pyroxenite		htr hornblende	Qtz quartz
[230] Comagmatic		htr hornblende	Qtz quartz
[240] Classic Sediments		htr hornblende	Qtz quartz
[250] Argillite		htr hornblende	Qtz quartz
[260] Graphitic Argillite		htr hornblende	Qtz quartz
[270] Gneiss		htr hornblende	Qtz quartz
[280] Schist		htr hornblende	Qtz quartz
[290] Quartzite		htr hornblende	Qtz quartz
[300] Arakose		htr hornblende	Qtz quartz
[310] Chemical Sediments		htr hornblende	Qtz quartz
[320] Iron Formation		htr hornblende	Qtz quartz
[330] Siliceous Facies		htr hornblende	Qtz quartz
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[350] Siliceous Facies		htr hornblende	Qtz quartz
[360] Chert		htr hornblende	Qtz quartz
[370] Granite		htr hornblende	Qtz quartz
[380] Felsic to Intermediate Volcanics		htr hornblende	Qtz quartz
[390] Basalt		htr hornblende	Qtz quartz
[400] Andesite		htr hornblende	Qtz quartz
[410] Trondhjemite		htr hornblende	Qtz quartz
[420] Mafic Volcanics		htr hornblende	Qtz quartz
[430] Basalt		htr hornblende	Qtz quartz
[440] Mafic Flow-Breccia		htr hornblende	Qtz quartz
[450] Mafic Hyaloclastite		htr hornblende	Qtz quartz
[460] Volcanic		htr hornblende	Qtz quartz
[470] Paraphyric		htr hornblende	Qtz quartz
[480] Ultramafic Volcanics - Unsubdivided		htr hornblende	Qtz quartz
[490] Iron-Oxide Altered		htr hornblende	Qtz quartz
[500] Green-Carbonate Altered		htr hornblende	Qtz quartz



310

Timmins, ONT.

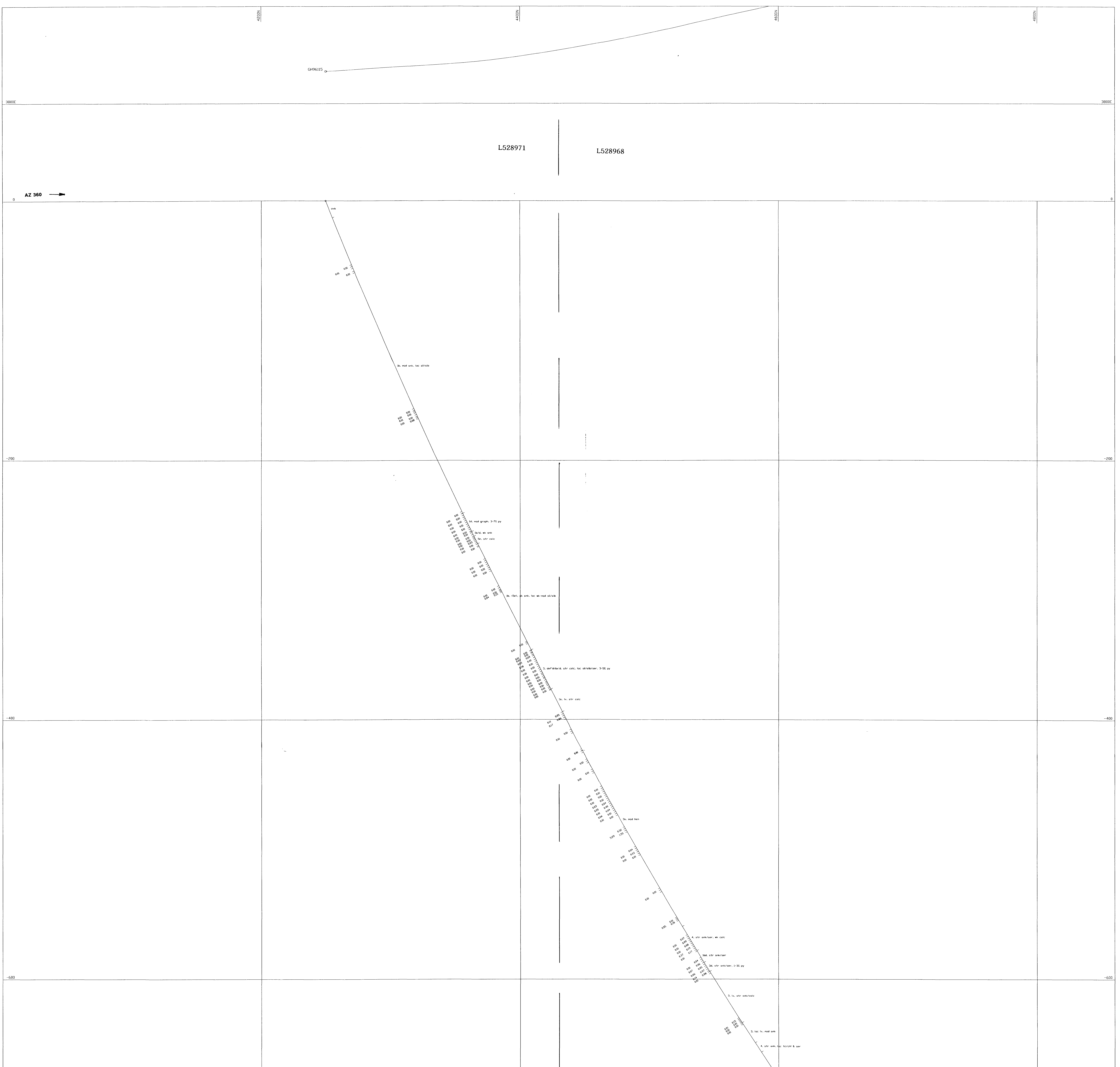
Battle Mountain Gold

SECTION 1000E 2. 7704

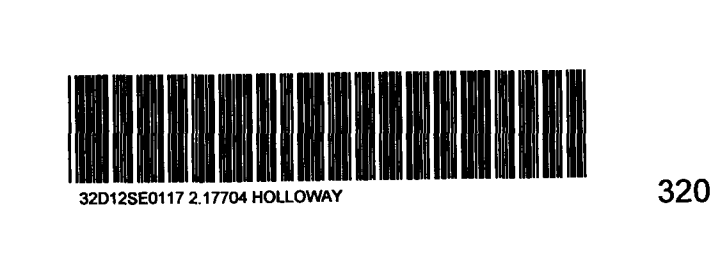
DDH GH 96-129
BLACKTOP ZONE

GOLDEN HIGHWAY

Interpreted by :	Scale : 1 : 1000
Drawn by :	NTS number :
Revised :	Project number :
Date : 09/12/97	File number : 96-129



LEGEND		ABBREVIATIONS	
[10] Diabase (All Ages)		Textural	Veining
[20] Felsic to Intermediate Intrusive		ag agglomerate	Av akerite
[30] Granite		Az az alteration zone	Cv calcite
[120] Granodiorite, Quartz Monzonite		ang andyrosite	Eg epidote
[121] Granite		FB & flow breccia	Flu fluorite
[122] Granite		fs fine	Ms magnetite
[123] Granite		gl glomerular	Qtz quartz
[124] Granite		gm glomerular	Qtz quartz feldspathic
[125] Granite		gr granitic	Qtz quartz feldspathic
[126] Granite		hfs heterolithic	Qtz quartz ankerite
[127] Granite		hfs heterolithic	Qtz quartz calcite
[128] Granite		hfs heterolithic	Qtz quartz
[129] Granite		hfs heterolithic	Qtz quartz
[130] Monzonite		hfs heterolithic	Qtz quartz
[131] Felsic Porphyry		hfs heterolithic	Qtz quartz
[132] Quartz-Feldspar Porphyry		hfs heterolithic	Qtz quartz
[133] Pegmatite		hfs heterolithic	Qtz quartz
[134] Aplite		hfs heterolithic	Qtz quartz
[135] Felsite		hfs heterolithic	Qtz quartz
[80] Mafic to Ultramafic Intrusive		hfs heterolithic	Qtz quartz
[140] Diabase, Basalt		hfs heterolithic	Qtz quartz
[141] Gabbro		hfs heterolithic	Qtz quartz
[142] Andesite		hfs heterolithic	Qtz quartz
[143] Andesite, Pyroxenite		hfs heterolithic	Qtz quartz
[144] Lamprophyre		hfs heterolithic	Qtz quartz
[30] Clastic Sediments		hfs heterolithic	Qtz quartz
[150] Argillite		hfs heterolithic	Qtz quartz
[151] Organic Argillite		hfs heterolithic	Qtz quartz
[152] Greywacke		hfs heterolithic	Qtz quartz
[153] Conglomerate		hfs heterolithic	Qtz quartz
[154] Tuffaceous Conglomerate		hfs heterolithic	Qtz quartz
[155] Sandstone		hfs heterolithic	Qtz quartz
[156] Shale		hfs heterolithic	Qtz quartz
[157] Quartzite		hfs heterolithic	Qtz quartz
[158] Arkose		hfs heterolithic	Qtz quartz
[40] Chemical Sediments		hfs heterolithic	Qtz quartz
[160] Iron Formation		hfs heterolithic	Qtz quartz
[161] Siliceous Facies		hfs heterolithic	Qtz quartz
[162] Siliceous Facies		hfs heterolithic	Qtz quartz
[163] Dolomite Facies		hfs heterolithic	Qtz quartz
[164] Chert		hfs heterolithic	Qtz quartz
[165] Granite		hfs heterolithic	Qtz quartz
[50] Felsic to Intermediate Volcanics		hfs heterolithic	Qtz quartz
[170] Rhyolite		hfs heterolithic	Qtz quartz
[171] Dacite		hfs heterolithic	Qtz quartz
[172] Andesite		hfs heterolithic	Qtz quartz
[173] Trachyte		hfs heterolithic	Qtz quartz
[60] Mafic Volcanics		hfs heterolithic	Qtz quartz
[180] Basalt		hfs heterolithic	Qtz quartz
[181] Flow		hfs heterolithic	Qtz quartz
[182] Mafic flow-Breccia		hfs heterolithic	Qtz quartz
[183] Mafic spargite		hfs heterolithic	Qtz quartz
[184] Volcanic		hfs heterolithic	Qtz quartz
[185] Porphyritic		hfs heterolithic	Qtz quartz
[70] Ultramafic Volcanics - Unsubdivided		hfs heterolithic	Qtz quartz
[190] Talc-Chlorite Altered		hfs heterolithic	Qtz quartz
[191] Green-Carbonate Altered		hfs heterolithic	Qtz quartz



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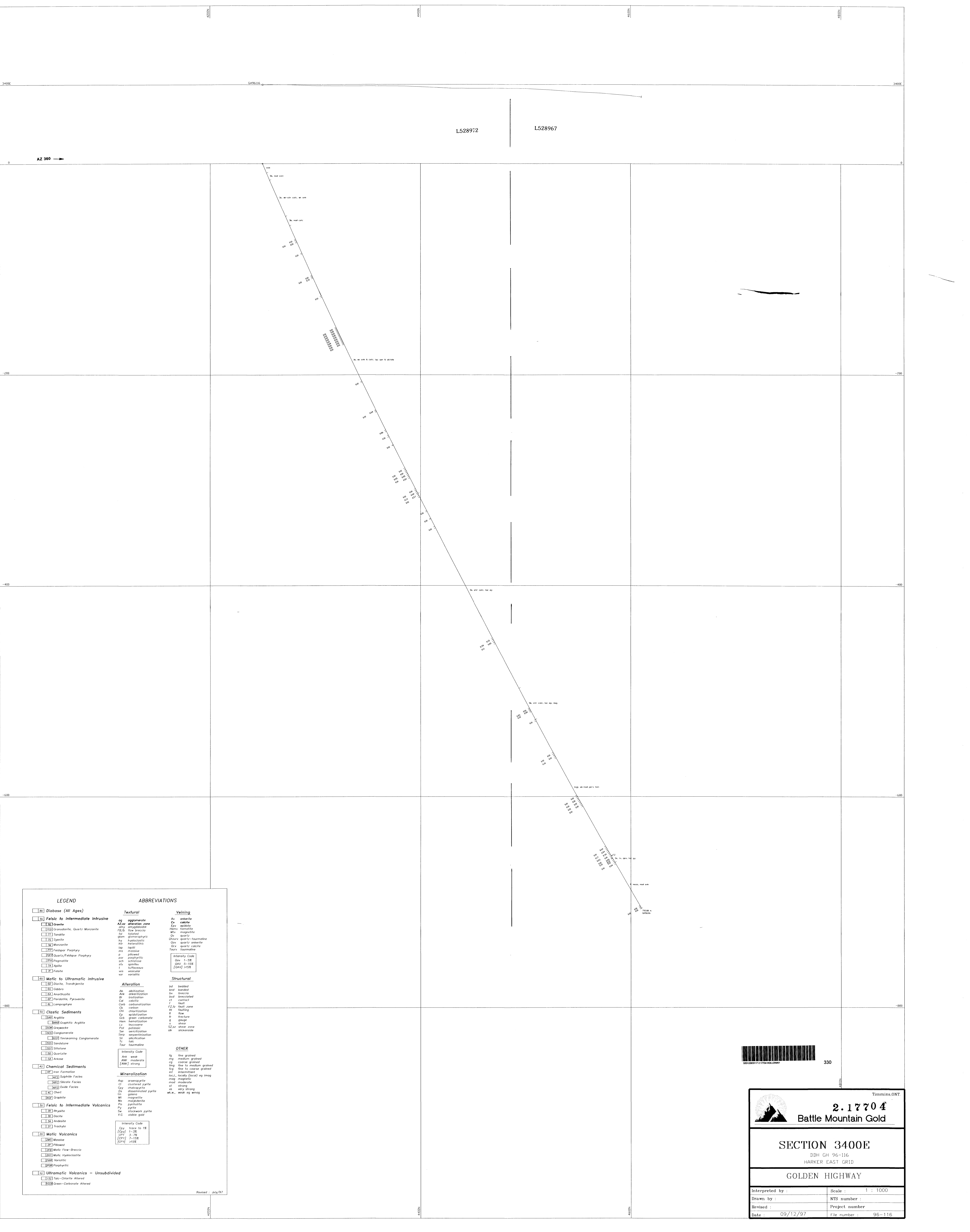
Battle Mountain Gold

SECTION 3800E 2.17704
 DDH GH 96-115
 HARKER EAST GRID

GOLDEN HIGHWAY

Interpreted by :	Scale : 1 : 1000
Drawn by :	NTS number :
Revised :	Project number :
Date : 09/12/97	File number : 96-115

Revised : July/97



LEGEND		ABBREVIATIONS	
Diabase (All Ages)			
Felsic to Intermediate Intrusive			
Mafic to Ultramafic Intrusive			
Classic Sediments			
Chemical Sediments			
Felsic to Intermediate Volcanics			
Mafic Volcanics			
Ultramafic Volcanics - Unsubdivided			
Textural		Veining	
Alteration		Structural	
Mineralization		OTHER	



Timmins, ONT.

2.17704
Battle Mountain Gold

SECTION 3400E
DDH GH 96-116
HARKER EAST GRID

GOLDEN HIGHWAY

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