

NORANDA EXPLORATION CO. LTD.

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK

HOLE No.: C94-5

Collar Eastings: 5885.00

Collar Northings: 5862.00

Collar Elevation: 0.00

HOLE LOCATED AT GOWEST COORDINATE 250E/510N

DRILLED ON CLAIM:P1189172

CORE STORAGE:AUNOR MINE SITE

Collar Inclination: -80.00

Grid Bearing: 180.00

Final Depth: 440.74 metres

CORE SIZE:NG

DRILL CONTRACTOR:DOMINIK DRILLING

Logged by: ROBERT CALHOUN

Date: 05/06/94

Down-hole Survey: ACID/TROPARI

DATE DRILLED:JUNE 02-12,1994

DATE LOGGED:JUNE 03-13,1994

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS		
				FROM	TO	Au g/t
0	42.5	(OVERBURDEN) -sand, gravel, small boulders towards end of section				
42.5	46.7	(1 mas, 1-2%py) ULTRAMAFIC VOLCANICS -fine grained, dark greenish black, soft, talcose, soapy feel, non-magnetic, 1-2% py fractured at various angles-parallel to core axis to 90 deg., fractures filled with calcite/tremolite? chlorite. Unit is featureless, massive, except from 42.5-43.0-appears to be brecciated with fragments separated by talc chlorite.				
42.5	55.0	(2 mas, 1-2%py) MAFIC VOLCANICS -aphanitic to fine grained, blackish green, hard, massive, featureless, fractured as above with calcite possible chlorite, 1-2% fine disseminated pyrite, non-magnetic. Upper contact at 63 deg to core axis, marked by hardness change. Unit is probably silicified. Unit becomes amygduloidal 54.5-55.0.				
55	98.0	(1 mas, talc/chl) ULTRAMAFIC VOLCANICS -fine to med grained, dark green to dark green grey, soft to very soft, calcite disseminated throughout and as infrequent < 2cm veins. Core is generally quite broken to locally extensively broken and crushed. Talc-chlorite altered throughout locally schistose at 32 deg to axis as at 67.0m. unit has soapy feel throughout. Numerous brecciated sections occur through the section with fragments from <1-2 cm to 5 cm in length supported by talc - chlorite. Brecciated sections : 69.5-72.8m; 81-84.4m; 92.6-98.0m. 61.5 63.0 (Fault Zone) 87.0-88.4- extensive talc chlorite, sub parallel to core axis, minor pyrite at end of section as fine aggregates.				
98.0	144.5	(1 fol, cal, talc) ULTRAMAFIC VOLCANICS -fine to medium grained, slightly coarser than above unit, colour is lighter to medium green grey to grey green due to increase in calcite in matrix and as veining. Calcite veining 30 to locally 40% of unit giving foliation				

42A05SE0013 W9660-0057 DENTON

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	Au g/t	
166.3	197.2	(1,talc,chl,qv,ank) ULTRAMAFIC -as 98-144.5,pale greentalc chlorite,nil sulfides,very minor quartz veining. Calcite veining 20-30%.Foliations at 38 deg to core axis.					
197.2	226.9	(1,ank,spfx) ULTRAMAFIC -fine grained,with local medium grained bands,medium to dark green,increase in talc chlorite alteration.Unit is very soft, Fe carbonate veining as small <2cm grey to greyish white veinlets at random angles generally 10-15 deg to core axis.Local folitions at 31 deg to core axis.Sulfides nil to minor local 3mm cubes.Spinifex textures at 209.25					
226.9	231.8	(1a,ank,bx) ULTRAMAFIC -fine to medium grained,pale to medium green to buff green, increase in Fe carbonate veining, quartz veining 5% of section as 2-4 cm veins.Brecciated sections at 227.6-228.3,229.6-229.8 ultramafic fragments buff coloured to 2cm by .5 cm.Bright green chlorite with some carb veins.Patches of dark green chlorite as discontinuous veins.					
231.8	234.2	(1,ank,chl) ULTRAMAFIC -medium grained, green buff,slightly harder than above less talc.Fe carb veins generally 10-15 deg to core axis,chlorite patches continue.					
234.2	243.8	(1,alb,talc,py) ULTRAMAFIC -medium grained,medium to dark green,soft,talc chlorite with small <2 cm grey quartz veins generally 75-80 deg to core axis.Local bands of albite alteration ,hard silicious with fragments of unaltered ultramafics,rimmed with pyrite as fine grains and aggregates.Sulfides within the ultramafics is 1% as minor disseminations and .5 cm cubes. Grey Fe carbonate veins locally. 234.2-234.7- Albitized medium grey,with fractures feldspathized for 1 cm on either side associated with small qtz veins. 236.95-238.5- albitized zone containing unaltered patches of talc chlorite ultramafics.Pyrite 2-3% associated with chlorite patches and as fine disseminations.Chalcopyrite noted in 2 places. 239.2-240.1- Albitized as above. 242.7-243.8- Albitized zone on one side of the core running	30517	237.00	237.70	0.70	0.180
			30518	237.70	238.50	0.80	0.280
			30519	238.50	239.20	0.70	0.020
			30520	239.20	240.10	0.90	0.110
			30521	240.10	241.10	1.00	0.040

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS TO	WIDTH	Au g/t
		at 33 deg to axis although veins are also randomly oriented. Locally talc chlorite increases over < 1m intervals. 141.0-144.5-talc-chlorite schist, calcite veining, pale green minor < 2 cm quartz veins greyish.					
144.5	151.5	(1a, alb, py, 1-2%qv, cal) ALTERED ULTRAMAFIC -fine to medium grained, pale to medium green, talc chlorite (schistose) with 5% quartz veining throughout as < 2 cm grey veins with wider veins noted below. Unit has calcite veining 10-15% as white small veinlets. Pyrite and/or pyrrhotite occur as fine disseminations and local aggregates associated with quartz veins. Bands of albite alteration occur through the section at 33 deg to core axis. Bands are hard, medium grey with pyrite pyrrhotite as disseminations and local aggregates.	30501	144.50	145.30	0.80	0.170
			30502	145.30	146.30	1.00	0.070
			30503	146.30	147.30	1.00	0.030
			30504	147.30	148.13	0.83	0.050
			30505	148.13	148.80	0.67	0.010
			30506	148.80	150.10	1.30	0.050
			30507	150.10	151.50	1.40	0.030
		144.5-145.3 -medium grey, fine grained albite. Fine disseminated pyrite at upper contact, local 4mm cubes. Foliation parallel to contact at 36 deg to core axis.					
		145.3-148.8 - ultramafic fine grained pale green, 10-15% quartz veins, < 2 cm grey with local veins 10 cm. Pyrite fine grained disseminated 1-2% locally.					
151.5	154.6	(2 cal, chl) MAFIC VOLCANIC -fine grained, dark green, soft, chloritic, minor calcite veining. Unit is 65% albitized bands with pyrite as fine disseminations and 5mm aggregates stretched, locally parallel to foliations at 36 deg to core axis. Lower contact at 36 deg to core axis. Albitized sections have 5% grey quartz veins.	30508	151.50	152.50	1.00	0.020
			30509	152.50	153.50	1.00	0.100
			30510	153.50	154.60	1.10	0.020
154.6	162.55	(1a, talc, chl, aspy, qv) ALTERED ULTRAMAFIC -as above talc chlorite with quartz veining 10-15%. Veining in the section is dominated by wider veins 5-10 cm grey to glassy white at 80 deg to core axis.	30511	154.60	155.70	1.10	0.010
			30512	157.95	158.95	1.00	0.260
			30513	158.95	159.95	1.00	0.010
			30514	159.95	161.20	1.25	0.040
			30515	161.20	162.55	1.35	2.680
		159.8-162.55 -80% albitized with pyrite as fine disseminations and coarse aggregates to 10% over 10 cm, local pyrrhotite. Arsenopyrite occurs as fine disseminations locally 1%, dusted throughout albitized sections and increased in areas of increased pyrite.					
162.55	166.3	(2, bio, py) MAFIC VOLCANIC -medium grained, dark green relatively unaltered with biotite in the matrix. Sulfides 10-15% as disseminations and local vein aggregates. Upper and lower 80 deg to core axis due to albitization at upper contact and quartz vein at lower contact.	30547	162.55	163.70	1.15	0.290
			30516	163.70	164.70	1.00	0.610
			30548	164.70	165.70	1.00	0.330
			30549	165.70	166.30	0.60	0.220

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS		
				FROM	TO	WIDTH Au g/t
		parallel to the core axis with the feldspathization increasing down section to the intensity of the above bands.				
243.5	257.0	(1a, ank, qv, fuc) ALTERED ULTRAMAFIC -medium grained, medium green buff to buff khaki with increasing Fe carbonate content. Unit is slightly silicious with numerous quartz veins generally white to glassy grey. Veining 30% of section to 50% locally over 1.5 m. Sulfide content is very low to nil overall but there are minor sections of fine pyrite near some quartz veins. Infrequent green mica patches very restricted. Some fractures in the quartz veins are brownish probable hematite.	30522	245.50	248.40	0.90 0.010
			30534	248.40	247.10	0.70 0.010
			30523	250.50	251.50	1.00 0.010
			30524	251.50	252.50	1.00 0.020
			30525	255.10	256.10	1.00 0.010
			30528	256.10	257.00	0.90 0.010
257	259.8	(Quartz vein) QUARTZ VEIN/ULTRAMAFIC -80% quartz veining as white to glassy grey with locally brecciated ultramafic buff khaki. Probable tourmaline blackish to brown black. Sulfides nil.	30527	257.00	258.00	1.00 0.010
			30528	258.00	259.00	1.00 0.010
			30529	259.00	259.80	0.80 0.010
259.8	265.8	(1a, qv, ank, fuc) ALTERED ULTRAMAFIC -as above with 20% quartz carbonate veining as white glassy (bull) quartz with local gash veins medium grey giving a ladder vein affect. Green mica alteration infrequent.	30530	259.80	260.70	0.90 0.040
			30531	260.70	261.00	0.30 0.010
			30532	261.00	262.00	1.00 0.010
			30533	262.00	263.00	1.00 0.010
			30535	263.00	264.00	1.00 0.070
			30536	264.00	265.00	1.00 0.020
			30537	265.00	265.80	0.80 0.090
265.8	271.65	(1a ank, sil, qv) ALTERED ULTRAMAFIC -medium grained, greenish grey with khaki fragments, micro breccia to breccia, colour change due to grey quartz veins and Fe carbonate (ankerite). Fragments range from <1cm to 2-3cm aligned parallel to core axis, angular. Quartz veining white to 2 cm to <1 cm grey associated with carbonate veins and euhedral grains. Upper contact 20 deg to core axis; lower contact 90 deg due to quartz vein. Chalcopyrite noted at 268.6 associated with quartz vein.	30538	265.80	267.00	1.20 0.020
			30539	267.00	268.00	1.00 0.010
			30540	268.00	269.00	1.00 0.010
271.65	290.49	(1a, ank, sil, qv) ALTERED ULTRAMAFIC -fine grained, khaki buff, Fe carbonate in matrix as defined grains and as grey veinlets. Quartz veining 10% as white 2-5 cm veins at 75-80 deg to core axis and medium to dark grey randomly oriented < 2 cm veins. Some quartz veins have brownish discolouration on some fractures possible tourmaline or hematite. Locally the unit is micro brecciated as above with carbonate grains to 1 mm white. Unit is harder than above due	30541	280.70	281.70	1.00 0.010
			30542	281.70	282.35	0.65 0.010
			30543	286.50	289.40	0.90 0.010
			30544	289.40	290.49	1.09 0.010

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS TO	WIDTH	Au g/t
		to increased silica content and carbonate in the matrix. Unit is possibly an altered mafic volcanic					
280.7	282.3	(1a qv) 30% quartz veining at random angles from parallel to core axis to 50 deg. whitish to grey. Fe carbonate					
288.5	290.4	(1a spfx, ank) increase in alteration possible sericite? khaki colour. Spinifex textures are preserved.					
290.49	291.3	(2a, alb, amg) ALTERED MAFIC VOLCANIC -fine grained to aphanitic, medium grey with purplish overcast albitized zone like above. This section appears more like mafic volcanic than above sections with unaltered dark green fine grained bands with possible amygdules or varioles. Sulfides 1-2% as fine disseminations to small cubes. Foliations at 23 deg to core axis	30545	290.49	291.30	0.81	0.080
291.3	308.9	(1a/2, qv, ank) ALTERED ULTRAMAFIC -as above with khaki medium grained matrix, granular Fe carbonate. Veined with quartz locally to 70% over 1-2m intervals. Fe carbonate veining is grey. Local brecciated sections. Quartz veining has brownish colouration along fracture surfaces possible tourmaline and black tourmaline infrequently. Quartz veining towards lower contact white and slightly increased in frequency compared to remainder of section. Lower contact discordant at 23 deg to core axis.	30546 30550 30551 30552 30553 30554 30555 30556 30557 30558 30559 30560	291.30 292.40 293.60 294.50 296.00 297.50 299.00 300.50 302.00 303.50 305.00 306.00 308.00	292.40 293.60 294.50 296.00 297.50 299.00 300.50 302.00 303.50 305.00 306.00 308.00 308.90	1.10 1.20 0.90 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.00 0.90	0.010 0.010 0.010 0.010 0.010 0.040 0.010 0.010 0.010 0.010 0.010 0.010 0.010
306.9	319.15	(2a, alb, qv) ALTERED MAFIC VOLCANIC -fine grained to aphanitic, medium grey with purplish overcast. Unit has been entirely albitized leaving few remnant features of the protolith. The unit is quartz veined 10-15% as 1-1.5m spaced 2-5 cm veins. Foliations where present are at 25-32 deg to core axis best displayed from 318.8 to 319.15 Lower contact is at 32 deg to core axis. Unit contains pyrite as 3-4mm cubes and aggregates to .8 cm. Pyrite content is variable from 5-8 % overall to 15% locally over .5m. Small discontinuous are present 3mm wide. Arsenopyrite occurs throughout as fine disseminations and infrequently as small veinlets similar to the pyrite. Arseno veins at 313.8, 315.5	30561 30562 30563 30564 30565 30566 30567 30568 30569 30570 30571 30572	306.90 307.90 308.90 310.00 311.00 312.00 313.00 314.00 315.00 316.00 317.00 318.00 319.15	307.90 308.90 310.00 311.00 312.00 313.00 314.00 315.00 316.00 317.00 318.00 319.15	1.00 1.00 1.10 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.15	0.080 0.240 0.840 0.120 0.140 0.200 0.730 0.360 0.180 0.100 0.030 0.140
319.15	329.15	(1a, ank, qv) ALTERED ULTRAMAFIC	30573 30574	319.15 320.60	320.60 322.10	1.45 1.50	0.010 0.010

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS		
				FROM	TO	WIDTH Au g/t
		-medium grained, khaki, 5% quartz veining as white 1-2m spaced veins, matrix is medium hard due to Fe carbonate and silica content. Sulfide content is nil to minor except as noted below. Infrequent bands of mafic volcanics, albitized, sulfidized, medium grey, hard.	30575	322.10	323.60	1.50 0.010
			30576	323.60	325.10	1.50 0.080
			30577	325.10	325.45	0.35 0.010
			30578	325.45	326.25	0.80 0.040
			30579	326.25	327.75	1.50 0.010
		321.2-321.55 medium grey, moderately altered, minor sulfides, contact 45 degrees.	30580	327.75	328.65	0.90 0.010
			30581	328.65	329.15	0.50 0.040
		325.45-326.0 medium green grey to medium green unit starts and ends with white quartz veining 90 degrees TCA, 10% pyrite as disseminations and 5mm aggregates.				
		326.95-327.2 as above contact 43 degrees 5% sulfides.				
		328.65-329.15 as above contacts upper at 26 degrees, lower quartz vein 90 degrees.				
329.15	349.65	(1a, ank, grcarb, qv) ALTERED ULTRAMAFIC medium grained, greyish green to khaki, medium hard with granular Fe carbonated matrix, quartz veining is white 2-3 cm veins and local grey veining. Fe Carbonate veins are grey. Local brecciated sections. Local sections of khaki coloured highly altered ultramafics. green carbonate alteration at 391.4-391.5 in quartz veined area. Fine sulfides noted 390-391.4. Lower contact gradational with khaki colour depleting towards lower contact. Lower contact at 45 degrees TCA.	30582	329.15	330.65	1.50 0.010
			30583	330.65	332.15	1.50 0.270
			30584	332.15	333.65	1.50 0.010
			30585	333.65	335.15	1.50 0.010
			30586	339.90	341.40	1.50 0.010
			30587	341.40	342.40	1.00 0.010
			30588	342.40	343.90	1.50 0.010
349.65	362.25	(1, talc, chl, carb) ULTRAMAFIC fine grained, dark green black talc chlorites, soft ultramafic with numerous carbonate veins Fe carb, whitish minor quartz veins, <2cm greyish white. Minor sulfides as local 5mm cubes. Unit becomes weakly foliated at lower contact at 48 degrees TCA. Band of well foliated ultramafic with green carbonate alteration 362.25-362.55				
362.25	365.75	(2a, ALB, py, sph, cpy) ALTERED MAFIC VOLCANIC albitized mafic volcanic with small bands of unaltered mafics. Albitized sections are med grey hard with sulfides of pyrite, sphalerite, chalcoppyrite. Pyrite is wide spread as fine disseminations and coarse aggregates. White sphalerite and cpy are local at 364.7-364.85. Unit is fractured possibly brecciated 364.85-365.75.	30589	362.25	363.20	0.95 0.010
			30590	363.20	364.10	0.90 0.010
			30591	364.10	364.54	0.44 0.010
			30592	364.54	365.75	1.21 0.010
363.25	365.2	(1, 2, chl, talc)	30593	365.75	366.75	1.00 0.010

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH	Au g/t
		INTERCALATED ULTRAMAFIC/MAFIC VOLCANIC fine grained dark green to black ultramafic as above intercalated with fine grained medium to dark green mafic volcanic. Contacts are sharp 86 degrees TCA. Mafic volcanics at 371.8-372.4, 374.25-375.6, 378.0-378.8, 384.20-385.2	30594	384.20	385.20	1.00	0.100
385.2	387.2	(2a,alb,qv,py10%) ALTERED MAFIC VOLCANIC completely albitized medium grey, hard, pyrite 10% total fine dissemination and coarse aggregates, coarse aggregate vein at upper contact 2 cm wide. Unit has small bands of green carb altered ultramafic towards lower contact - contacts 85 degrees TCA.	30595 30596	385.20 386.20	386.20 387.20	1.00 1.00	0.310 0.140
387.2	389.7	(1a,grcarb,alb) ALTERED ULTRAMAFIC fine to medium grained, grey green to khaki, with weakly developed green carbonate foliated at 85 degrees TCA. Minor bands of developing albitization.	30597 30598	387.20 388.70	388.70 389.70	1.50 1.00	0.010 0.020
389.7	391.2	(2a,alb,qv,py5%) ALTERED MAFIC albitized as above 5-10% white quartz, sulfides <5%. Lower contact at 85 degrees TCA.	30599	389.70	391.20	1.50	0.010
391.2	391.6	(1a,grcarb,alb) ALTERED ULTRAMAFIC -as above to 389.7	30600	391.20	391.60	0.40	0.010
391.6	393.4	(2a,alb,qv,py 8%) ALTERED MAFIC -as above 391.2.Sulfides pyrite, arsenopyrite.Pyrite 8%-10% -392.4-393.4 as coarse cubes and aggregates.	30601 30602	391.60 392.40	392.40 393.40	0.80 1.00	0.020 0.030
393.4	396.7	(1a,ank,qv 60%,fol) ALTERED ULTRAMAFIC -fine to medium grained, green to dark green,Fe carbonate as small veins and disseminated in matrix,minor green carbonate alteration.Quartz veined 60% of section as white glassy with ultramafic inclusions.Unit is well foliated at 85 deg to core axis. 394.2-395.45- quatrz vein	30603 30604 30605	393.40 394.20 395.45	394.20 395.45 396.70	0.80 1.25 1.25	0.090 0.080 0.010
396.7	397.2	(2a,alb,qv,py) ALTERED MAFIC -as above 60 % albitized,minor quartz veins.	30606	396.70	397.20	0.50	0.080

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH	Au g/t
397.2	398.9	(1a, ank, qv, fol) ALTERED ULTRAMAFIC -as above to 396.7. Foliation 65 deg to core axis.	30607	397.20	398.00	0.80	0.010
			30608	398.00	398.90	0.90	0.010
398.9	400.5	(2a, alb, talc chlorite) ALTERED MAFIC -albitized as above fractured with talc chlorite n fractures. Pyrite fine disseminations minor. Local aggregates. Lower contact 90 deg to core axis.	30609	398.90	399.90	1.00	0.010
			30610	399.90	400.50	0.60	0.070
400.5	440.74	(1, talc chlorite, calcite) ULTRAMAFIC -fine grained, dark green, soft, contorted with calcite veins also contorted, Talc chlorite, local brecciation, core highly broken, crushed, fault gouge infrequent throughout. Unit becomes magnetic at 413 m to end of hole. Unit is well foliated 400.5-410.4 at 85 deg to core axis. 402.9-403.7- MAFIC VOLCANIC amygdules towards lower contact at 65 deg to core axis. Fine pyrite <2%. Serpentine develops after 428m. 433.8 437.69 (2, mas) unit is mafic slightly harder, massive, less fractured, dark green to black.	30611	400.50	401.50	1.00	0.010
			30612	402.90	403.70	0.80	0.010
40.74		END OF HOLE					

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
50.00	-62.00	180.00
90.00	-61.00	180.00
150.00	-60.00	180.00
200.00	-58.00	180.00
250.00	-57.00	180.00
300.00	-58.00	180.00
350.00	-58.00	180.00
400.00	-58.00	181.00
440.74	-58.00	181.00

HEMLO GOLD MINES INC.

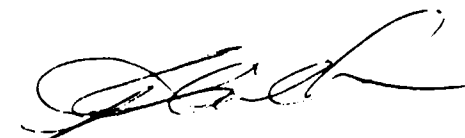
DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
 HOLE No.: C94-6
 Collar Eastings: 5930.00
 Collar Northings: 5725.00
 Collar Elevation: 0.00
 Grid: NOREX
CORE SIZE: NQ

DRILLED ON CLAIM: P1189172
 Collar Inclination: -60.00
 Grid Bearing: 180.00
 Final Depth: 276.14 metres
DRILL CONTRACTOR: DOMINIK DRILLING
CORE STORAGE: AUNOR MINESITE

Logged by: ROBERT CALHOUN
 Date: 17/06/94
 Down-hole Survey: ACID/TROPARI
DATE DRILLED: JUNE 12-21, 1994
DATE LOGGED: JUNE 13-22, 1994

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au g/t
0.0	65.0	(OVERBURDEN)					
65	124.7	(1,talc,chl,cal,bx) ULTRAMAFIC -fine grained, medium to dark green to black. unit is locally brecciated, fragments range from large 2-4 cm to small micro breccia noted below. ultramafics are magnetic from moderate to strong. Talc chlorite is well developed especially in the breccia sections where fragments are "supported" by talc chlorite veins. Further development is common through the entire unit. Calcite veins white at random angles to core are infrequent towards top of section increasing after 102 m. Veins are generally < 3 cm wide with local wider veins to > .5 m as at 102 -102.5. Massive ultramafic (mafic volcanic bands) occur throughout the section as short units dark green to black fine grained magnetic contacts at 43-54 deg to core axis, with amygdules developed towards lower contact (tops down hole?). Mafic bands as at 71.7-72.5; 79.2-81.5 etc. Fault gouge occurs at 71.7 (mud) Brecciated sections with large fragments are numerous but one micro brecciated section occurs at 86.6-91.2 with fragments generally < .5 cm.					
124.7	130.4	(1,talc,chl,py) ULTRAMAFIC -fine grained dark green to dark grey green, massive, soft talc/chlorite, minor calcite veins. 126.15-130.4 unit is dark grey green slightly harder than the rest of the section contains 1-3% pyrite as 2-5 mm aggregates. Lower contact at 36 deg TCA	30613	126.15	127.15	1.00	0.010
			30614	127.15	128.15	1.00	0.020
			30615	128.15	129.15	1.00	0.020
			30616	129.15	130.40	1.25	0.010
130.4	161.3	(1,talc,chl,calcite,bx) ULTRAMAFIC -as at 65-124.7 above. Brecciated sections less frequent with fragments generally 2-5 cm. Fragments contained calcite alteration nodules in center with fine grained rims. Fragments supported by talc chlorite and calcite. Unit becomes medium to dark grey after 151.2 with increase in calcite veining. Possible leucoxene at 151 and 155.1. Minor pyrite associated with calcite veins as 2mm cubes. Unit is non magnetic.					



HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: C94-6

Page 2

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH Au g/t	
161.3	172.4	(1,talc,chl,mas) ULTRAMAFIC - fine grained,dark green, slightly harder than above more massive with less fracturing,talc chlorite veins continue but are less frequent at 38 deg to core axis. Calcite veins are less frequent sub parralell to core axis 2-3 cm wide. Minor pyrite noted at 173.2 as fine disseminations.Lower contact crushed but appears to be at 42 deg to core axis.					
172.4	217.9	(1,talc, chl, bx) ULTRAMAFIC - fine grained, dark green, similar to 65-124.7 above with brecciated sections with large fragments supported by talc chlorite veins. Calcite veining increases again with veins 1-3 cm wide at various angles to 48 deg to core axis generally. Minor disseminated pyrite noted with some calcite veins < 1% locally. Brecciations increases down hole especially below 195.9. Local carbonate alteration occurs as small nodules 1-2 mm with minor zones to 5mm sub rounded as at 191.1-192.2 m.Lower part of section serpentine alteration increases.Unit becomes magnetic below 188.0 m. Unit has highly brecciated sections with sub rounded fragments below 214.5.					
217.9	230.95	(1,talc, chl, weak ank) ULTRAMAFIC -fine grained, medium green lighter than above brecciation continues but less than above..Intercalated with brownish dark to black very fine grained mafic volcanic or possible mafic dyke 222-223.05 with fine disseminated pyrite.Both units contain calcite in matrix and as locally frequent veinlets.Ultramafic has weak ankerie in matrix locally and very infrequent veinlets. Minor sulfides in ultramafics as fine disseminations and in mafics associated with calcite veinlets.	30617 30618 30619 30620 30621 30622 30623 30624	219.40 220.50 222.00 223.10 224.60 226.10 227.80 228.80	220.50 222.00 223.10 224.60 226.10 227.80 228.80 229.50	1.10 1.50 1.10 1.50 1.50 1.70 1.00 0.70	0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010
230.95	276.1	(1,talc,chl,loc bx) ULTRAMAFIC -fine grained, medium to dark green to locally black talc chlorite, soft,with local brecciated sections over 1-1.5m. Some brecciated sections have small subrounded fragments. Unit has sections which are magnetic weak to moderate decreasing down hole. Some fracure fillings of talc cholrite abundant locally. Fine disseminated pyrite occurs in some areas	30625 30626 30627 30628 30629 30630	229.50 238.80 240.30 245.80 252.80 254.30	231.05 240.30 241.30 247.30 254.30 255.80	1.55 1.50 1.00 1.50 1.50 1.50	0.010 0.010 0.010 0.010 0.010 0.010

HEMLD GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: C94-6

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS		
					TO	WIDTH	Au g/t

< 1% as at 245-248. Spinitex at 254m. Lower section of unit below 267m harder than above with alteration nodules of calcite in probable fragments

276.14 EDH.

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
70.00	-60.00	180.00
100.00	-59.00	180.00
150.00	-59.00	180.00
276.14	-60.00	180.50

HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

DATE DRILLED: JUNE 22-23, 1994

DATE LOGGED: JUNE 23, 1994

PROPERTY: CRIPPLE CREEK
 HOLE No.: C94-7
 Collar Eastings: 5690.00
 Collar Northings: 5920.00
 Collar Elevation: 0.00
 Grid: NOREX
CORE SIZE: NQ

DRILLED ON CLAIM: P1189172
 Collar Inclination: -60.00
 Grid Bearing: 180.00
 Final Depth: 70.80 metres
 HOLE LOCATED AT 050E/450N GOWEST GRID
DRILL CONTRACTOR: DOMINK DRILLING

Logged by: ROBERT CALHOUN
 Date: 24/06/94
 Down-hole Survey: ACID

CORE STORAGE: AUNOR MINESITE

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH
0	20.1	(OVERBURDEN)	127	0.00	0.00	0.00
20.1	70.8	(8) DIABASE -medium grained, medium grey to grey green, moderately hard, with local patches of hard possibly siliceous mafic volcanic?. Unit contains pyrite 1-2% locally to 5% as fine disseminations, minor pyrrhotite. Unit is magnetic from weak to moderate. Fractures occur frequently at mainly 50 and 80 deg to core axis. Chlorite occurs as fracture fillings. Hole stopped due to diabase azimuth changed and re started. 70.8 EOH				

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
70.80	-60.00	180.00



HEMLO GOLD MINES INC.

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
 HOLE No.: C94-7A
 Collar Eastings: 5690.00
 Collar Northings: 5920.00
 Collar Elevation: 0.00
 Grid: NOREX
CORE SIZE: NQ

DRILLED ON CLAIM: P1189172
 Collar Inclination: -60.00
 Grid Bearing: 165.00
 Final Depth: 157.28 metres
 HOLE LOCATED AT 050E/450N GOWEST GRID
DRILL CONTRACTOR: DOMNIK DRILLING

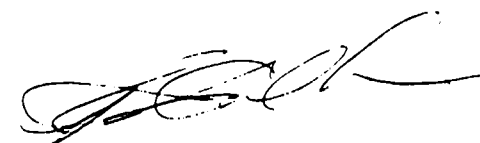
CORE STORAGE: AUNOR MINESITE
 Logged by: ROBERT CALHOUN
 Date: 24/06/94
 Down-hole Survey: ACID
DATE DRILLED: JUNE 23-26, 1994
DATE LOGGED: JUNE 24-27, 1994

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH
0	18.9	(OVERBURDEN)	127	0.00	0.00	0.00
18.9	157.28	(B) DIABASE -medium grained, medium grey to grey green, moderately hard, with local patches of chlorite and fracture fillings frequently siliceous. Typical diabase texture overall with minor variations Unit contains pyrite 1-2% locally to 5% as fine disseminations, minor pyrrhotite and chalcopyrite infrequent associated with chlorite fracture fillings. Unit is magnetic from weak to moderate. 29.6-33.1 - brecciated section with fragments to 2 cm angular 105.0-121 - highly fractured at various angles generally 50 and 121-157.28 - massive, magnetic, grain size remains constant.				
157.28	157.28	EOH				

85 deg to core axis.

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
49.00	-60.00	165.00
157.28	-57.00	165.00



PHIIPANDA EXPLORATION CO., LTD.

DIAMOND DRILL LOG

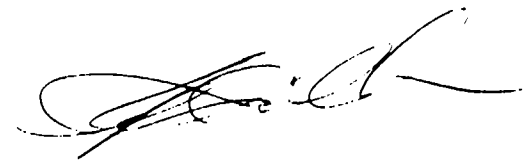
PROPERTY: CRIPPLE CREEK
 HOLE No.: C94-B
 Collar Eastings: 5500.00
 Collar Northings: 7000.00
 Collar Elevation: 0.00
CORE SIZE: NQ

DRILL CONTRACTOR: DOMNIK DRILLING
 Collar Inclination: -50.00
 Grid Bearing: 180.00
 Final Depth: 288.34 metres
DRILLED ON CLAIM: P699710

CORE STORAGE: AUNOR MINE SITE

Logged by: R.C. ROBERT CALHOUN
 Date: 31/05/94
 Down-hole Survey: ACID/TROPARI
DATE DRILLED: JUNE 27-JULY 04, 1994
DATE LOGGED: JUNE 29-JULY 05, 1994

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au g/t
0	8.5	(OVERBURDEN)					
8.5	13.3	(2a.ov.cal.ank) BASALT fine grained, light grey, calcite/ankerite, quartz veined - 5-10% minor pyrite <1%. quartz veins white at various angles, with grey ankerite.	30631 30632 30633	9.00 10.50 11.70	10.50 11.70 13.30	1.50 1.20 1.60	0.010 0.010 0.010
13.3	29.7	(2m.cal.fol) BASALT fine grained, pale to locally med green, soft, foliated at 66-72 degrees to core axis to 18m, more massive to towards end of section. Various crushed sections locally pitted. Pale grey towards bottom. Lower contact at 72 degrees to core axis, pyrite locally to 1% as fine disseminated and coarse aggregates. Calcite veined, minor Fe carbonate.	30634 30635 30636 30637 30638	23.50 24.50 25.50 27.00 28.50	24.50 25.50 27.00 28.50 29.55	1.00 1.00 1.50 1.50 1.05	0.010 0.010 0.010 0.010 0.010
29.7	33.4	(2m.ank.cal.bx) BASALT fine grained, pale to medium grey, massive, minor foliations calcite veined white; ankerite in matrix. Brecciated at contact with fragments to 2cm.	30639 30640	29.55 31.00	31.00 32.00	1.45 1.00	0.010 0.010
33.4	38.0	(2.cal.talc) BASALT/ULTRAMAFIC fine grained, medium to dark green, foliated at 85 degrees to core axis with calcite, talcose foliations, local ankerite, core separates into narrow "quarters" locally, minor brecciation with minor chloritic fragments to 2cm x .5 cm soft, slightly talcose feel. Lower contact at 70 degrees to core axis.					
38.0	70.8	(1.talc.cal) ULTRAMAFIC fine grained, dark green to locally dark green grey, massive to weakly foliated, talcose with minor serpentine developed in slips. Numerous calcite veins white to 10 cm, at 65 degrees to core axis, and whitish sub-parallel to core axis. Local brecciated sections greyish green with calcite Fe carbonate alteration weak to moderate. Larger brecciated section from 66.2-69.4 with fragments to 4 cm. Spinifex noted at 60.5-62.3 m. Unit becomes grey from 69.4 -70.8 with Fe carbonate /calcite alteration. Lower contact at 64 deg to core axis.					



NORANDA EXPLORATION CO. LTD.

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: C94 B

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH	Au g/t
70.8	85.6	(2.cal.py) BASALT -fine grained, light to med green, calcite in matrix and as small 1-1 cm veins. Unit is probably a Mg tholeiite with minor pyrite as local fine aggregates. The unit is mostly massive with foliation developing towards lower contact where unit becomes intercalated with inner flow fine dark grey to black sediments. Sediments contain 1-5% pyrite minor pyrrhotite. The sediment bands are 1-5cm wide at 60 deq to core axis. Lower contact at 61 deq to core axis.	30643	78.55	79.55	1.00	0.010
			30644	79.55	80.55	1.00	0.010
			30655	82.00	83.10	1.10	0.010
			30645	83.10	84.10	1.00	0.010
			30646	84.10	85.60	1.50	0.010
85.6	87.7	(5.grph fol) SEDIMENTS -fine grained, dark grey to black, siliceous, graphitic, foliated at 65 deq to core axis minor pyrite as fine aggregates. Quartz veins to 7 cm white to grey locally.	30647	85.60	86.80	1.20	0.010
			30648	86.80	87.70	0.90	0.010
87.7	88.7	(5.chert.grph) CHERT META SEDIMENT - very fine grained med grey to blackish, very hard with quartz veins 10 % with 1-3 % pyrite possible pyrrhotite.	30649	87.70	88.70	1.00	0.010
88.7	94.5	(2.cal.py) BASALT - fine to medium grained light green with calcite in the matrix and as small veinlets. Unit is foliated at 65 deq to core axis moderately. Small chert bands occur at 89.6 - 90 :90.8 - 91.0 with pyrite, pyrrhotite to 5% and minor arsenopyrite as .3 cm aggregates.	30650	88.70	89.60	0.90	0.010
			30651	89.60	90.00	0.40	0.010
			30652	90.00	90.75	0.75	0.010
			30653	90.75	91.00	0.25	0.310
			30654	91.00	92.50	1.50	0.010
94.5	127.6	(2 cal) BASALT - fine grained, medium to dark green, soft, calcite as small veinlets unit locally foliated moderately at 60 deq to core axis. Pyrite as 2mm cubes and local 5mm aggregates coarse. Unit amygduloidal with calcite. Chlorite on foliations and in matrix increasing down hole. Pyrite becomes more frequent towards end of section. Especially from 125.4 - 127.6 where pyrite forms small veinlets discontinuous, and coarse aggregates to .4cm	30656	125.40	126.90	1.50	0.010
			30657	126.90	127.60	0.70	0.010
127.6	135.25	(7 por) FELSIC DYKE - fine to medium grained, medium grey, massive to weakly foliated. Contains infrequent fragments of mafic volcanic. Felsic contains 1-2% pyrite as fine disseminations possible arsenopyrite. Calcite 2-3% as discontinuous veinlets and small	30658	127.60	129.10	1.50	0.160
			30659	129.10	130.60	1.50	0.010
			30660	130.60	132.10	1.50	0.010
			30661	132.10	133.60	1.50	0.010
			30662	133.60	134.60	1.00	0.010
			30663	134.60	135.25	0.65	0.010

NORANDA EXPLORATION CO. LTD.

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: C94-B

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	Au g/t	
		elongated blebs .5cm in length. Minor quartz veins to 4cm with associated tourmaline as narrow streaks. Upper contact at 66 deg to core axis ;lower contact at 45 deg to core axis.					
135.25	146.3	(2.cal.fol.py) BASALT - fine grained, dark green,bleached to light green from upper contact to 135.9. Unit is well foliated at 74 deg to core axis locally crenulated 40 deg to core axis. Unit contains small siliceous bands medium to dark grey up to 5cm wide,parallel to foliations. Minor greyish white quartz veins. Unit contains 1-2% pyrite as fine disseminations, 2mm cubes and fine aggregates to 4mm. Possible inter-flow setiments as fine grained siliceous dark grey to black .6m bands. Basalt is amygduloidal with amygdules to 2mm stretched along foliations. Unit also contains elongated grains of calcite.	30664 30665	135.25 139.00	136.25 140.00	1.00 1.00	0.010 0.010
146.3	154.3	(2.mas.cal.wk fol) BASALT - fine grained, dark green massive,soft. Calcite veins to 3cm. Minor quartz veins to 1cm, white. Minor pyrite as discontinuous veinlets, fine disseminations and 4 mm aggregates. Unit has local well foliated bands as above.					
154.3	165.4	(2.fol.var.cal) BASALT - fine grained light green to medium green, soft well foliated, possible chicken feed texture with small stretched varioles. Calcite in matrix and as small veinlets. Unit foliated at 70 deg to core axis locally foliated 45 deg to core axis. Minor pyrite. Possible V10 flow. Lower contact 76 deg to core axis.					
165.4	169.4	(2.mas.cal.wk-fol) BASALT - as above 146.3 - 154.3.					
169.4	215.5	(2.p.var.cal) BASALT - fine to locally medium grained, medium to dark green, possile varioles, stretched, flattened giving a foliation at 55 deg to core axis. Unit is pillowed with selvages at variable spacing from .4m to 1.5m, dark green fine grained, local areas of massive dark green basalt. Quartz veining is minor as small <.5cm veinlets glassy white to medium grey. Pyrite minor as fine disseminations and local cubes to 2mm. Calcite as small veinlets <.5cm and as 5mm blebs. Folitions are randomly crenulated at 45 deg to core axis. Hematite occurs on fractures after 210m.					

NORANDA EXPLORATION CO., LTD.

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: C94-B

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS		
					TO	WIDTH	Au g/t
		Locally magnetic over 1-1.5m as at 169.4					
215.5	225.25	(2.bx,hem) BASALT - fine grained, pale green soft to medium hard, brecciated with fragments to 5cm angular, minor glassy quartz, hematitic fractures, calcite veining to 1cm. White quartz vein at 224.7 to 225 parallel to core.	30666 30667 30668	218.20 219.50 220.80	219.50 220.80 221.80	1.30 1.30 1.00	0.010 0.010 0.010
225.25	237.9	(2t.fol,cal) BASALT-Tuff ?? - fine grained, medium green, pale green at upper and lower contact. Unit is well foliated with calcite, epidote, and minor hematite on foliations at 60 deg to core axis. Local quartz veinlets 4.5cm, sub parallel to foliations weakly boudinaged. Pyrite occurs as fine disseminations and local coarse aggregates. Epidote also forms small contorted veins. Bleaching at contacts extends for 1m. Lower contact at 65 deg to core axis.					
237.9	244.1	(2m.cal,ank) BASALT - fine grained grading to medium grained at 239.7 highly altered pale green grey, nearly featureless, calcite and ankerite in matrix, veining is nil except for small infrequent quartz veinlets 4m and infrequent calcite veinlets to 2mm.					
244.1	247.5	(2.bx,cal) BASALT- Flow Breccia - fine grained, pale green fragments in fine grained pale green matrix. Fragments to 4cm angular to weakly stretched at 62 deg to core axis. Epidote as small blebs to veinlets and probably in matrix. Minor hematite, minor pyrite, one small pyrite veinlet at 247.4.					
247.5	254.4	(2.t,cal,fol) BASALT- Tuff ?? - fine grained, pale green at upper contact grading to medium green as above. Unit is carbonatized with calcite in matrix and as veinlets to 1cm, 15-20% of unit is calcite veins. Well foliated at 70 deg to core axis defined by calcite veins. Sulfides are nil.					
254.4	275.2	(1.cal.mas,talc) ULTRAMAFIC -fine to medium grained, medium green to dark green at upper contact to dark green / dark grey green after 261.0. Very soft, talcose, calcite veins to 4cm white. Sulfides are nil. Banding					

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DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: C94-B

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS		
					TO	WIDTH	Au g/t
		becomes contorted towards bottom of section with white calcite veining on foliations. Unit brecciated from 273.9-275.2 fragments to 2cm angular to sub-rounded. Lower contact 74 deg to core axis.					
275.2	288.34	(2.t.cal.fol) BASALT-Tuff ?? - very fine to fine grained, light grey green to light green, massive, medium hard from upper contact to 279.8 increasingly foliated towards lower contact. Well foliated from 284.8-288.34. Upper massive section contains calcite as broken patches and discontinuous veinlets. Massive section also contains minor quartz veins and jasperoid veinlets with minor associated pale white feldspar. Lower foliated section has epidote blebs and patches associated with calcite veinlets. Sulfide content nil to very minor. Foliations at 74 deg to core axis. Whole rock samples taken -30641 -75.6m; 30642 - 113.8m; 30669 - 175.6m; 30670 - 212.15m. 288.34 EOH					

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
50.00	-50.00	180.00
150.00	-49.00	177.00
288.34	-47.00	169.00

INDRANDO EXPLORATION CO. LTD.

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
 HOLE No.: C94-9
 Collar Eastings: 5500.00
 Collar Northings: 4830.00
 Collar Elevation: 0.00

CORE STORAGE: AUNOR MINE SITE

Collar Inclination: -50.00
 Grid Bearing: 180.00
 Final Depth: 300.53 metres
 DRILL CONTRACTOR: DOMNIK DRILLING

DRILLED ON 9699710, P699715

Logged by: R. CALHOUN
 Date: 05/07/94
 Down-hole Survey: ACID/TROPARI
 DATE DRILLED: JULY 04-08, 1994
 DATE LOGGED: JULY 05-09, 1994

CORE SIZE: NQ

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	Au g/t
0	5.0	(OVERBURDEN)					
5	36.7	(2.p.cal.fol) BASALT - fine grained, medium to dark green pillowed basalt. Pillows range from .3m to 1.5m marked by coalesced spherules /varioles which are elongated, nearly massive locally at pillow edges. Spherules are elongated 2 to 1, composition is locally sheltered, bleached, and locally highly chloritic. Bleached edges are siliceous pink to pale green. Towards bottom of section pillow size is greatly reduced with spherulitic texture nearly continuous (27.9-36.7). Some pillows are fractured with fault like offsets with chlorite, calcite filling fractures. Elongation of spherules gives a foliation at 70 deg to core axis. Calcite occurs variably in matrix and as small discontinuous veinlets .5cm wide at random angles to core axis. Pyrite occurs locally as 4mm cubes, small aggregates and discontinuous veinlets. Local quartz veins infrequent have a period associated with them. Quartz veins are 4m wide randomly oriented. 10.9 - 11.8 - fractured section with limonite staining. 11.8 - 12.2 - white quartz vein. POSSIBLE V10R FLOW??					
36.7	46.6	(2.mas.cal) BASALT - fine to medium grained, dark green, massive flow. Unit is nearly featureless with vague foliations, chlorite soft. Foliations appear towards bottom of section as bleached bands to 2cm wide. Calcite occurs as small veinlets, and broken patches. Pyrite generally as unfrequent cubes to 3mm. Lower contact at 76 deg to core axis.					
46.6	67.45	(2.p.cal.fol) BASALT - as above 5.0 - 36.7, with coalesed pillow edges less frequent, pillow size increased to 1.5 to 2.0 meters. Bleaching of pillow selvages locally to pale green to yellowish. Unit is dark green, more chloritic. Foliation increased inside of pillows. Pyrite occurs as fine disseminations locally and as 3mm cubes to 6mm cubes. Pale grey 3cm bands occurs towards end of section quartz/calcite. Epidote associated with small randomly oriented quartz veins.	30674	63.20	64.70	1.50	
			30675	64.70	66.20	1.50	
			30683	66.20	67.20	1.00	



RUKANDA EXPLORATION CO., LTD.

DIAMOND DRILL LOG

PROPERTY: CRIFLE CREEK
HOLE No.: C94-9

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS		
				FROM	TO	WIDTH Au g/t
67.45	70.8	(2.mas.cal) BASALT -massive fine to medium grained as above 36.7 - 46.6. Pyrite minor to 1% as fine disseminations and local aggregates				
70.8	75.8	(2.fol.cal.epid) BASALT - fine grained, dark green, foliated basalt with calcite as frequent small 1.5 cm veinlets and broken patches. Well foliated at 60 decto core axis defined by calcite veining. Unit becomes fractured from 74.4 - 75.8 with epidote in the fractures and along foliations. Pyrite as fine disseminations locally and up to .8 cm cubes especially towards the bottom of the section. Lower contact at 64 decto core axis.	30676	72.30	73.50	1.20
			30677	73.50	74.60	1.10
			30678	74.60	75.80	1.20
75.8	81.0	(2.cal.qv.mas) BASALT Medium grained, pale grey green to medium green, foliated faintly with quartz nodules (spherules) at upper contact to 76.6 elongated to .8cm, dark grey, minor patches of white feldspar. Remainder of unit is massive, harder than normal weakly silicified. Minor hematite on fractures.	30679	75.80	77.30	1.50
			30680	77.30	78.80	1.50
			30681	78.80	79.80	1.00
			30682	79.80	81.00	1.20
81.0	90.6	(2.mas.py.bx) BASALT - fine grained, light green, bleached massive basalt. Locally weakly foliated with calcite infrequent along foliations. Calcite also as randomly oriented small 1.5cm veinlets. Unit contains pyrite locally to 5%, generally 1% as fine disseminations, coarse aggregates, and small discontinuous veinlets. Random fracturing has hard siliceous red to brown red hematite fillings (jasperoid). Epidote occurs along some fractures. Quartz veining minor. 89.6 - 90.6 - brecciated with pale green fragments in pale green matrix.. hematitic fractures and sulfides as small veinlets	30684	81.00	82.50	1.50
			30685	82.50	83.50	1.00
			30686	83.50	84.50	1.00
			30687	84.50	86.00	1.50
			30688	86.00	87.50	1.50
			30689	87.50	89.00	1.50
			30690	89.00	89.75	0.75
			30691	89.75	90.60	0.85
			30692	90.60	91.60	1.00
90.6	93.65	(2.mas) BASALT - medium grained, light to medium green with chloritoid nodules, frequent, 10 - 15% of unit, possible amydules? Local epidotized patches to 2cm. Minor quartz veining.				
93.65	100.9	(2.fol.cal.qv) BASALT - fine grained, light green, bleached at upper contact to 102.0m, dark green well foliated to 100.9. Foliations are marked by small 1cm calcite veinlets and infrequently	30693	93.65	95.00	1.35
			30694	95.00	96.50	1.50
			30695	96.50	98.00	1.50
			30696	99.90	100.90	1.00

NORANDA EXPLORATION CO. LTD.

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: C94-9

Page 3

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS		Au g/t
					TO	WIDTH	
		quartz veining. Pyrite is minor as fine disseminations. Lower contact at 60 deg to core axis parallel to foliation.					
100.9	113.5	(1.mas.cal,qv) ULTRAMAFIC - fine grained, dark green grey to blackish soft talc chlorite, with 2 to 3 cm calcite veins and local quartz veins, minor. Large 1cm cubes of pyrite at upper contact. 108.0 - 113.5 - mixed zone of dark green basalt flow to 113.5. Calcite abundant in matrix pyrite as 3mm to 5mm cubes and minor fine disseminations. Lower contact is 12cm quartz vein.	30697	100.90	101.90	1.00	
113.5	125.1	(2.mas.wk.fol) BASALT - fine to medium grained, dark green chlorite, soft randomly oriented calcite veinlets .4cm. Local quartz veins minor with hematitic material in fractures, local epidotized patches. 123.7 - 125.1 - unit dark green, grey to blackish with increased calcite veinlet and small patches.	30698 30699	113.50 114.70	114.70 115.70	1.20 1.00	
125.1	127.2	(Fault Zone) FAULT ZONE - fault gorge with fine medium grey highly crushed (powdered) matrix with fragments of upper unit and lower unit, calcite patches minor veinlets and .5cm patches. Pyrite minor.					
127.2	131.2	(2.mas.cal) BASALT - fine grained, light to medium green, massive to weakly foliated. Calcite as small 1cm discontinuous veinlets. Minor feldspar veinlets, pinkish. Weak foliations.					
131.2	135.0	(2.mas.cal) BASALT - fine to medium grained, medium green grey, massive, featureless with calcite grains in the matrix, yellowish white.					
135.0	151.3	(2.fol.cal.wk.qv) BASALT - fine grained, light green, foliated basalt with calcite veining parallel to foliations, frequent at 6 - 10 cm. Unit sericitic. Calcite veins range from white to medium grey with minor appearance medium to hard weakly to moderately silicified bands to 1.5m. Quartz veining is minor and is generally randomly oriented, .1cm in width. Patches and locally fracture filling epidote. Foliations are at 66 deg to core axis. Sulfide content is nil to minor.	30700 30701 30702 30703 30704 30705	135.00 136.50 138.00 148.00 149.50 150.80	136.50 138.00 139.50 149.50 150.80 151.30	1.50 1.50 1.50 1.50 1.30 0.50	

NORANDA EXPLORATION CO. LTD.

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: C94-9

Page 4

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS		
				FROM	TO	WIDTH Au g/t
		150.8 - 151.3 - Breccia - silicified breccia with pale green to pale fragments elongated at 69 deg to core axis. quartz with tourmaline dark grey to black fills in between some fragments.				
151.3	167.6	(2.mas.cal.sil ser) BASALT - fine grained, light green as above, sericitic with dark green section at upper contact. This unit appears like above unit except that it is massive with only local infrequent foliations. The unit is increasingly siliceous with 2-3 meter bands moderately silicified and small band at 161.9 - 162.5 which is medium grey intensely silicified with 1 - 2% fine disseminated pyrite at 66 deg to core axis. Calcite is less frequent than in above unit and forms medium grey veinlets to 2cm in width, minor pyrite as fine disseminations. Calcite is locally white and <3mm in width. Quartz veins are more abundant than in above but are still a minor constituent.	30706 30707 30708 30709 30710 30711	156.50 158.00 159.50 161.00 161.90 162.50	158.00 159.50 161.00 161.90 162.50 164.00	1.50 1.50 1.50 0.90 0.60 1.50
167.6	194.9	(2.mas.cal.ser.sil) BASALT - Unit as above except that medium grey calcite veins form 10 - 15% of unit as veins to 5 - 8cm, generally 3 - 5cm at 65 - 70 deg to core axis and as fracture fillings 2mm width. Silicification and sericitization continues. Quartz veins infrequent glassy white to 3cm.	30712 30713 30714	175.50 177.00 178.50	177.00 178.50 180.00	1.50 1.50 1.50
194.9	200.7	(2.mas.qv.chl) BASALT - fine grained, medium to dark green, soft, chloritic, appears less altered than above with local possibly brecciated sections which have slightly lighter green than ground mass. Grey calcite veins are small <1 cm and less abundant than in above unit. Unit becomes lighter towards lower contact with sulfides of pyrite/pyrrhotite forming infrequent veinlets <1mm hairlike, with 1.5 cm semi-massive dominantly pyrrhotite vein at lower contact. Local large patches of chlorite, dark green.	30715 30716 30717	196.90 198.40 199.90	198.40 199.90 200.70	1.50 1.50 0.80
200.7	204.75	(2.mas.carb.sil) BASALT - fine grained pale green massive nearly featureless flow with minor sulfides of pyrrhotite near upper contact. Unit appears highly altered due to colour, hardness and feldspathization at upper contact. Quartz veinlets minor medium grey associated with medium grey calcite veins as fracture fillings. Small patches of chlorite < 4mm occur throughout. Upper contact 63 degrees.	30718 30719	200.70 201.70	201.70 203.20	1.00 1.50
204.75	215.7	(2.mas.qv.feld)	30720	209.00	210.50	1.50

NORANDA EXPLORATION CO. LTD.

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK

HOLE No.: C94-9

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS		
				FROM	TO	WIDTH Au g/t
		BASALT	30721	210.50	212.00	1.50
		-medium grained, pale to light green, with speckled or "fish scale" texture developed by probable chloritoid "spherules" slightly elongated. Quartz veins to 20 cm white glassy minor pyrite. Unit also is feldspathized locally with pinkish colouration. Lower contact area 215.4-215.7 highly chloritic with quartz veining and calcite. Lower contact 85 degrees to core axis.	30722	214.50	215.70	1.20
215.7	281.9	(2.cal.qz.wkfol)	30723	215.70	217.20	1.50
		BASALT	30724	217.20	218.20	1.00
		-fine grained, light green becoming slightly darker down section, calcite veined - medium grey veins frequent (0.8-1.2 m) < 2cm wide, probable ferrocalcite (stains). Locally quartz veining associated with calcite veins, medium grey sugary and as whitish glassy veins to 15 cm. Minor feldspar associated with some quartz veins as at 217.9m. Foliations are contorted with chlorite associated as small veins or bands < 0.5 cm. Chloritic material forms angular patches infrequently. Quartz vein at 230.4 (10 cm) contains pyrite and chalcopyrite <1%. Calcite vein at 236.6 also contains chalcopyrite, pyrrhotite and pyrite <1%.	30725	230.40	231.30	0.90
		248.25-249.5 Brecciated fragments to 1 cm sub-rounded to elongated supported by calcite chlorite and matrix of fine material of surrounding unit.	30726	231.30	232.80	1.50
		248.5-263.1 Unit is lighter in colour with calcite and quartz veining increased to 10-15% of unit. Some quartz veins have associated feldspar, beige to pinkish. Calcite grey, quartz whitish to grey, glassy. Chloritic bands continue giving a pseudo fragmental appearance locally. Sulfides minor, where present fine disseminations.	30727	237.30	238.30	1.00
		263.1-281.9 Unit is more massive than above, pale green less foliated, quartz veins infrequent to 10 cm, white.	30728	238.30	239.30	1.00
			30729	249.00	250.50	1.50
			30730	250.50	252.00	1.50
			30731	252.00	253.50	1.50
			30732	253.50	255.00	1.50
			30733	255.00	256.50	1.50
281.9	284.7	(2.mas.fol.cal.qv)	30734	283.50	284.70	1.20
		BASALT				
		- fine grained, medium to dark green, soft chloritic with calcite veining, quartz veining, white glassy to grey glassy. Lower contact at 85 degrees to core axis. Nil sulfides.				
284.7	300.53	(2.mas.cal.qv.ser.sil)	30735	284.70	286.20	1.50
		BASALT	30736	290.70	291.90	1.20
		-fine grained light green as above with upper section of unit foliated becoming massive from 291.6-300.53. Foliations at 80 degrees to core axis. Calcite veining grey to locally white. Quartz veining small < 1cm white to 1 cm grey. Lower massive section contains 2 cm patches as fragments of chloritic material. Whole rock samples taken 30737 - 147.5; 30738 -186.8;30739				

NORANDA EXPLORATION CO. LTD.

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
 HOLE No.: C94-9

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS		
					TO	WIDTH	Au g/t
		- 190.8:30740 - 202.9:30741 - 227.3:30742 258.45. 300.53 EOH.					

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
100.00	-50.00	180.00
300.53	-48.50	181.00



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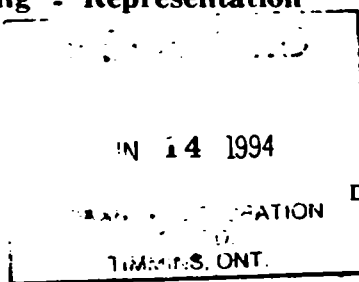
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Company: **NORANDA EXPLORATION CO LTD.**
Project: **696**
Attn: **JOHN WAKEFORD**



4W-1126-RA1

Date: JUN-09-94

We hereby certify the following Assay of 16 Core samples submitted JUN-06-94 by .

Sample Number	Au g/tonne	Au Check g/tonne
30501	0.17	-
30502	0.07	-
30503	0.03	-
30504	0.05	-
30505	0.01	-
30506	0.05	-
30507	0.03	-
30508	0.02	0.02
30509	0.10	-
30510	0.02	-
30511	0.01	-
30512	0.26	-
30513	0.01	-
30514	0.04	-
30515	2.68	2.66
30516	0.61	-

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4W-1156-RA1

Company: **NORANDA EXPLORATION CO LTD**
Project: **696**
Attn: **JOHN WAKEFORD**

Date: JUN-14-94

We hereby certify the following Assay of 18 Core samples submitted JUN-09-94 by .

Sample Number	Au g/tonne	Au Check g/tonne
30517	0.18	-
30518	0.26	0.37
30519	0.02	-
30520	0.11	-
30521	0.04	-
30522	0.01	-
30523	0.01	-
30524	0.02	0.02
30525	0.01	-
30526	0.01	-
30527	0.01	-
30528	0.01	-
30529	0.01	-
30530	0.04	0.05
30531	0.01	-
30532	0.01	-
30533	0.01	-
30534	0.01	-

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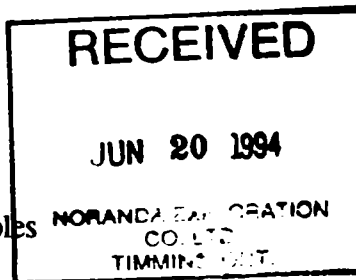
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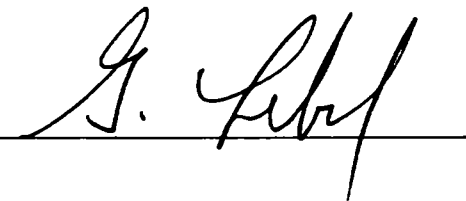
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Project: **696**
Attn: **J. Wakeford**



Date: JUN-14-94

We hereby certify the following Assay of 39 Core samples submitted JUN-10-94 by .

Sample Number	Au g/tonne	Au Check g/tonne
30535	0.07	-
30536	0.02	-
30537	0.09	-
30538	0.02	0.01
30539	0.01	-
30540	0.01	-
30541	0.01	-
30542	0.01	-
30543	0.01	-
30544	0.01	-
30545	0.08	-
30546	0.01	-
30547	0.29	-
30548	0.33	0.38
30549	0.22	-
30550	0.01	-
30551	0.01	-
30552	0.01	-
30553	0.01	-
30554	0.04	-
30555	0.01	-
30556	0.01	-
30557	0.01	-
30558	0.01	-
30559	0.01	-
30560	0.01	-
30561	0.08	-
30562	0.24	-
30563	0.84	0.70
30564	0.12	-

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Company: **NORANDA EXPLORATION CO LTD**
Project: **696**
Attn: **J. Wakeford**

Date: JUN-14-94

We hereby certify the following Assay of 39 Core samples submitted JUN-10-94 by .

Sample Number	Au g/tonne	Au Check g/tonne
30565	0.14	-
30566	0.20	-
30567	0.73	-
30568	0.36	-
30569	0.18	-
30570	0.10	-
30571	0.03	-
30572	0.14	-
30573	0.01	-

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4W-1198-RA1

Company: **NORANDA EXPLORATION CO LTD**
Project: **696**
Attn: **J. Wakeford**

Date: JUN-16-94

We hereby certify the following Assay of 19 Core samples submitted JUN-13-94 by .

Sample Number	Au g/tonne	Au Check g/tonne
30574	0.01	-
30575	0.01	-
30576	0.08	-
30577	0.01	-
30578	0.04	0.06
30579	0.01	-
30580	0.01	-
30581	0.04	-
30582	0.01	-
30583	0.27	0.34
30584	0.01	-
30585	0.01	-
30586	0.01	-
30587	0.01	-
30588	0.01	-
30589	0.01	-
30590	0.01	0.01
30591	0.01	-
30592	0.01	-

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4W-1212-RA1

Company: **NORANDA EXPLORATION CO LTD**
Project: **696**
Attn: **J. WAKEFORD**

Date: JUN-16-94

We hereby certify the following Assay of 20 Core samples submitted JUN-14-94 by .

Sample Number	Au g/tonne	Au Check g/tonne
30593	0.01	-
30594	0.10	0.08
30595	0.31	-
30596	0.14	0.15
30597	0.01	-
30598	0.02	-
30599	0.01	-
30600	0.01	-
30601	0.02	0.02
30602	0.03	-
30603	0.09	-
30604	0.08	-
30605	0.01	-
30606	0.08	-
30607	0.01	-
30608	0.01	-
30609	0.01	-
30610	0.07	0.07
30611	0.01	-
30612	0.01	-

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4W-1287-RA1

Company: **NORANDA EXPLORATION CO LTD**
Project: 696
Attn: J. Wakeford

Date: JUN-28-94

We hereby certify the following Assay of 4 Core samples submitted JUN-23-94 by .

Sample Number	Au g/tonne	Au Check g/tonne
30613	0.01	-
30614	0.02	0.02
30615	0.02	-
30616	0.01	-

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4W-1302-RA1

Company: **NORANDA EXPLORATION CO LTD**
Project: **696**
Attn: **J. Wakeford**

Date: JUN-28-94

We hereby certify the following Assay of 14 Core samples submitted JUN-24-94 by .

Sample Number	Au g/tonne	Au Check g/tonne
30617	0.01	-
30618	0.01	-
30619	0.01	0.01
30620	0.01	-
30621	0.01	-
30622	0.01	-
30623	0.01	-
30624	0.01	-
30625	0.01	0.01
30626	0.01	-
30627	0.01	-
30628	0.01	-
30629	0.01	-
30630	0.01	-

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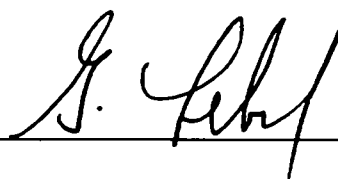
4W-1369-RA1

Company: **NORANDA EXPLORATION CO LTD**
Project: **696**
Attn: **J. Wakeford**

Date: JUL-07-94

We hereby certify the following Assay of 36 Core samples submitted JUN-30-94 by J. Wakeford.

Sample Number	Au g/tonne	Au Check g/tonne
30631	0.01	-
30632	0.01	-
30633	0.01	-
30634	0.01	-
30635	0.01	0.01
30636	0.01	-
30637	0.01	-
30638	0.01	-
30639	0.01	-
30640	0.01	-
30643	0.01	-
30644	0.01	-
30645	0.01	-
30646	0.01	-
30647	0.01	0.01
30648	0.01	-
30649	0.01	-
30650	0.01	-
30651	0.01	-
30652	0.01	-
30653	0.30	0.31
30654	0.01	-
30655	0.01	-
30656	0.02	-
30657	0.01	-
30658	0.16	0.17
30659	0.01	-
30660	0.01	-
30661	0.01	-
30662	0.01	-

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Company: **NORANDA EXPLORATION CO LTD**
Project: **696**
Ann: **J. Wakeford**

Date: JUL-07-94

We hereby certify the following Assay of 36 Core samples submitted JUN-30-94 by J. Wakeford.

Sample Number	Au g/tonne	Au Check g/tonne
30663	0.01	-
30664	0.01	-
30665	0.01	0.01
30666	0.01	-
30667	0.01	-
30668	0.01	-

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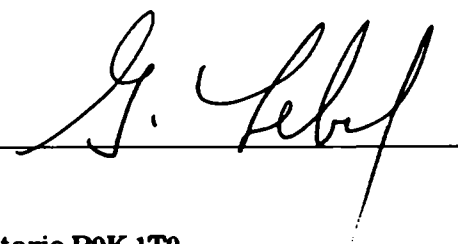
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Company: **NORANDA EXPLORATION CO LTD**
Project: **696**
Ann: **J. Wakeford**

Date: JUL-11-94

We hereby certify the following Assay of 26 Core samples submitted JUL-06-94 by J. Wakeford.

Sample Number	Au g/tonne	Au Check g/tonne
30674	0.01	0.01
30675	0.01	-
30676	0.01	-
30677	0.01	-
30678	0.01	-
30679	0.01	-
30680	0.01	-
30681	0.01	-
30682	0.01	-
30683	0.01	0.01
30684	0.01	-
30685	0.01	-
30686	0.01	-
30687	0.01	-
30688	0.01	-
30689	0.01	-
30690	0.01	-
30691	0.01	-
30692	0.01	-
30693	0.01	-
30694	0.01	-
30695	0.01	-
30696	0.01	-
30697	0.17	0.21
30698	0.01	-
30699	0.01	-

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4W-1418-RA1

Company: **NORANDA EXPLORATION CO LTD**
Project: **696**
Attn: **J. Wakeford**

Date: JUL-11-94

We hereby certify the following Assay of 15 Core samples submitted JUL-07-94 by J. Wakeford.

Sample Number	Au g/tonne	Au Check g/tonne
30700	0.01	-
30701	0.01	-
30702	0.01	-
30703	0.01	-
30704	0.01	-
30705	0.01	0.01
30706	0.01	-
30707	0.01	-
30708	0.01	0.01
30709	0.01	-
30710	0.01	-
30711	0.01	-
30712	0.01	-
30713	0.01	-
30714	0.01	-

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4W-1427-RA1

Company: **NORANDA EXPLORATION CO LTD**
Project: **696**
Attn: **J. Wakeford**

Date: **JUL-12-94**

We hereby certify the following Assay of 19 Core samples submitted JUL-08-94 by .

Sample Number	Au g/tonne	Au Check g/tonne
30715	0.04	0.03
30716	0.01	-
30717	0.01	-
30718	0.01	-
30719	0.01	-
30720	0.01	-
30721	0.01	-
30722	0.01	-
30723	0.01	-
30724	0.01	-
30725	0.01	-
30726	0.01	-
30727	0.01	-
30728	0.01	-
30729	0.01	-
30730	0.01	-
30731	0.01	0.01
30732	0.01	-
30733	0.01	-

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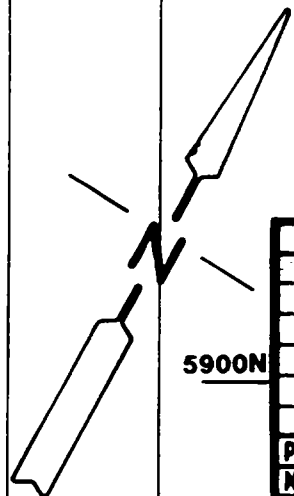
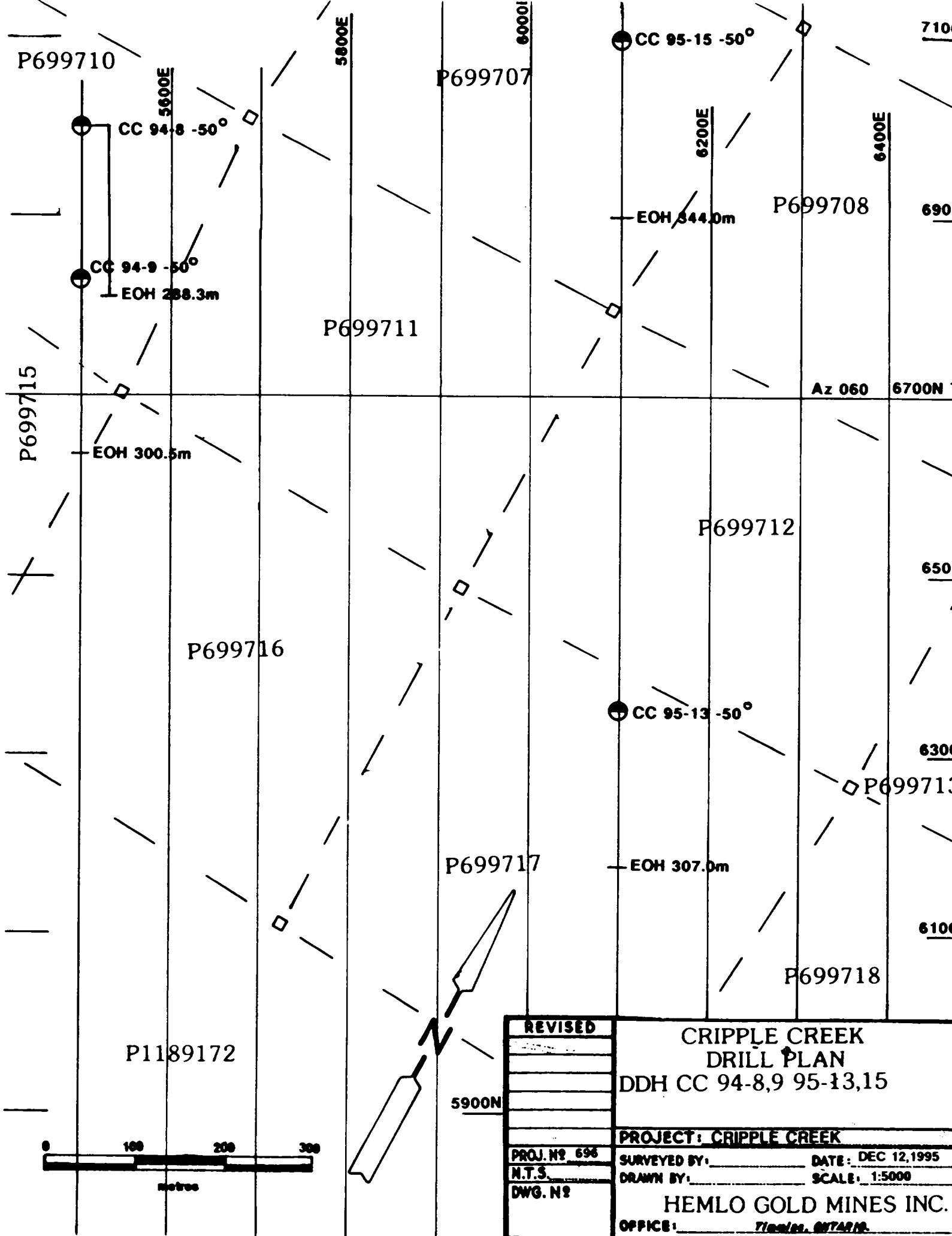
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Project: **696**
Attn: **J. Wakeford**

Date: JUL-13-94

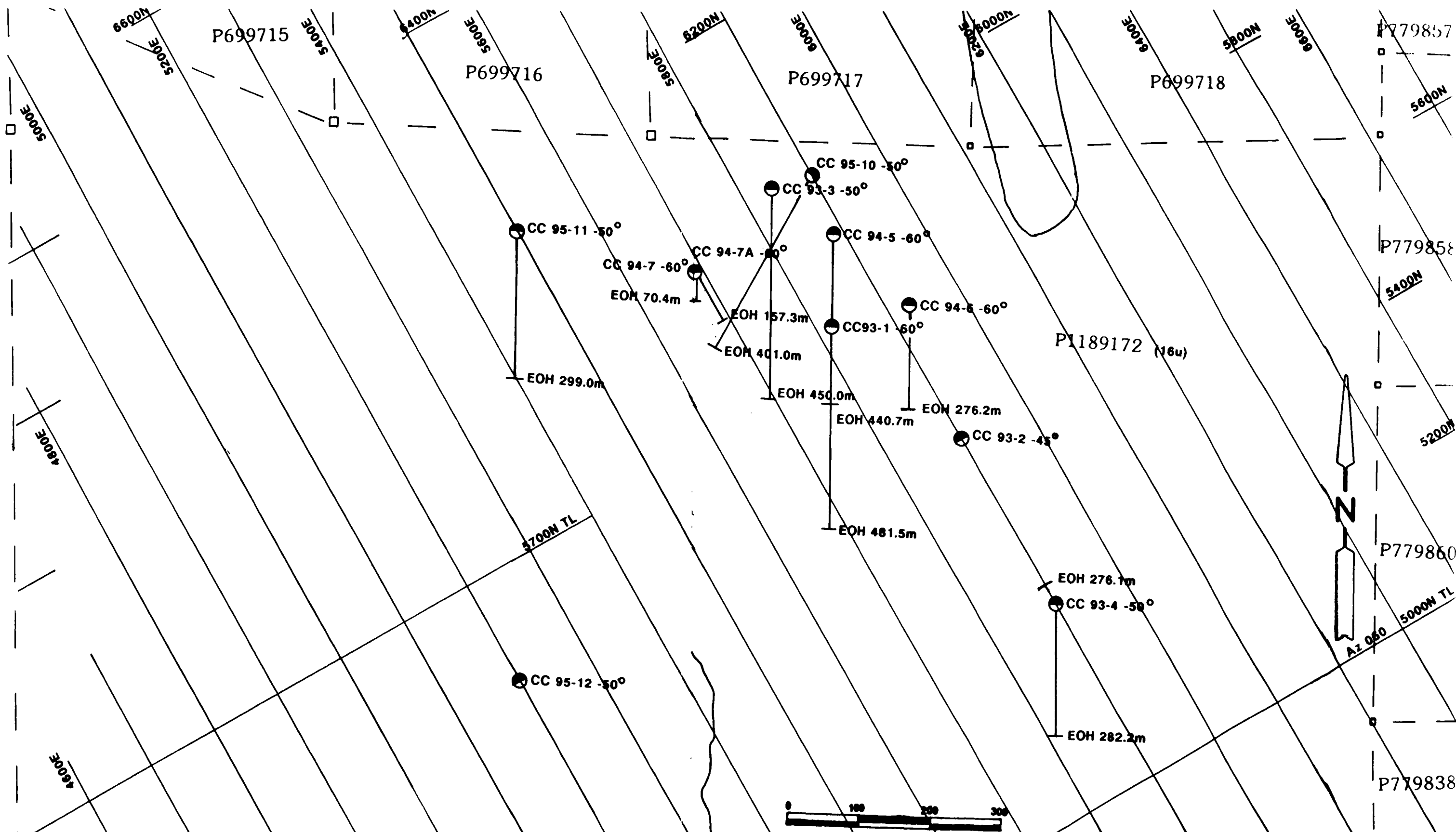
We hereby certify the following Assay of 3 Core samples submitted JUL-11-94 by .

Sample Number	Au g/tonne	Au Check g/tonne
30734	0.01	-
30735	0.01	0.01
30736	0.01	-

Certified by



REVISED	CRIPPLE CREEK DRILL PLAN	
	DDH CC 94-8,9 95-13,15	
	PROJECT: CRIPPLE CREEK	
PROJ. N ^o 696	SURVEYED BY: _____	DATE: DEC 12, 1995
N.T.S.	DRAWN BY: _____	SCALE: 1:5000
DWG. N ^o	HEMLO GOLD MINES INC.	
	OFFICE: _____	Timmins, ONTARIO



5700N

5800N

5900N

P1189172

0 ← Az 180°

C94-5

-60°

Overburden

Ultramafic Volcanic.talcosa
Hafic Volcanic.massive.1-22py

Ultramafic Volcanic.talcosa.obioritic.FZ 81.5-83.0

Ultramafic.talcosa.obioritic.fel'd

Ultramafic Volcanic.elbitized.pyritic
Hafic Volcanic.obioritic
Ultramafic Volcanic.talcosa.obioritic
Hafic Volcanic.biotitic.pyritic

Ultramafic Volcanic.talcosa.obioritic

Ultramafic Volcanic.qtz veined.osh-fuch alt'd

Hafic Volcanic.elbitized.5-8py

Ultramafic Volcanic.qtz veined.osh-fuch alt'd

Ultramafic Volcanic.talcosa.obioritic
Hafic Volcanic.elbitized.py sph ogy mla's

Ultramafic Volcanic.talcosa.obioritic

Hafic Volcanic.elbitized.100py

Ultramafic/Hafic Volcanic.elb-osh alt'd

Ultramafic Volcanic.talcosa.obioritic

Hafic Volcanic.massive
Ultramafic Volcanic.talcosa.obioritic

440.74 m.
C94-5

5700N

5800N

5900N

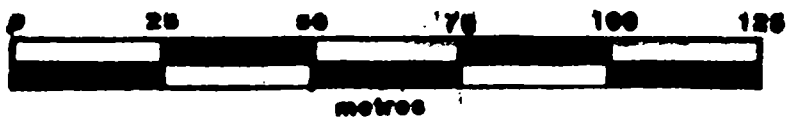
CRIPPLE CREEK PROJECT

SECTION 5885E

SCALE: 1/1250

DDH CC 94-5

HEMLO GOLD MINES INC



-100

-100

-200

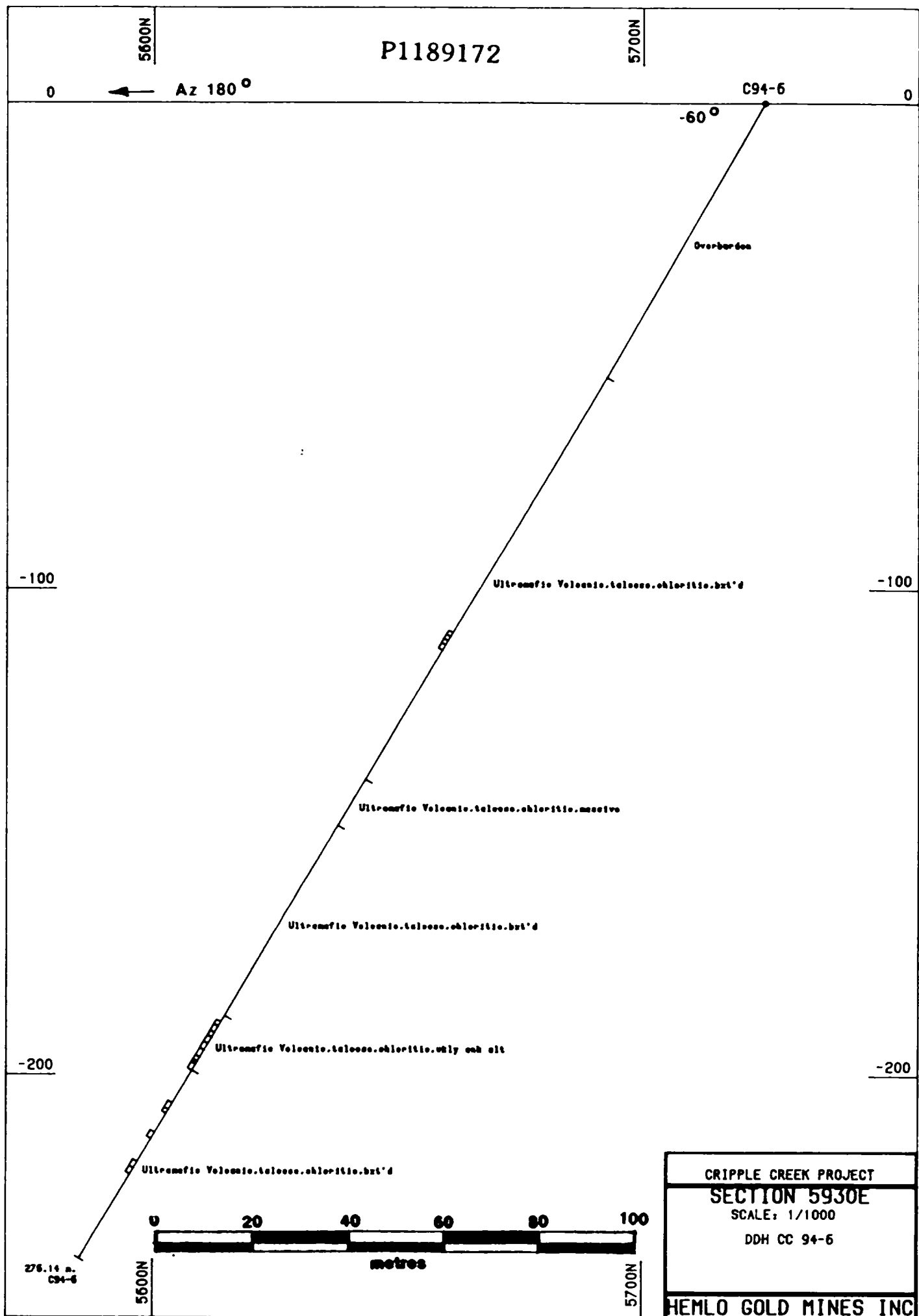
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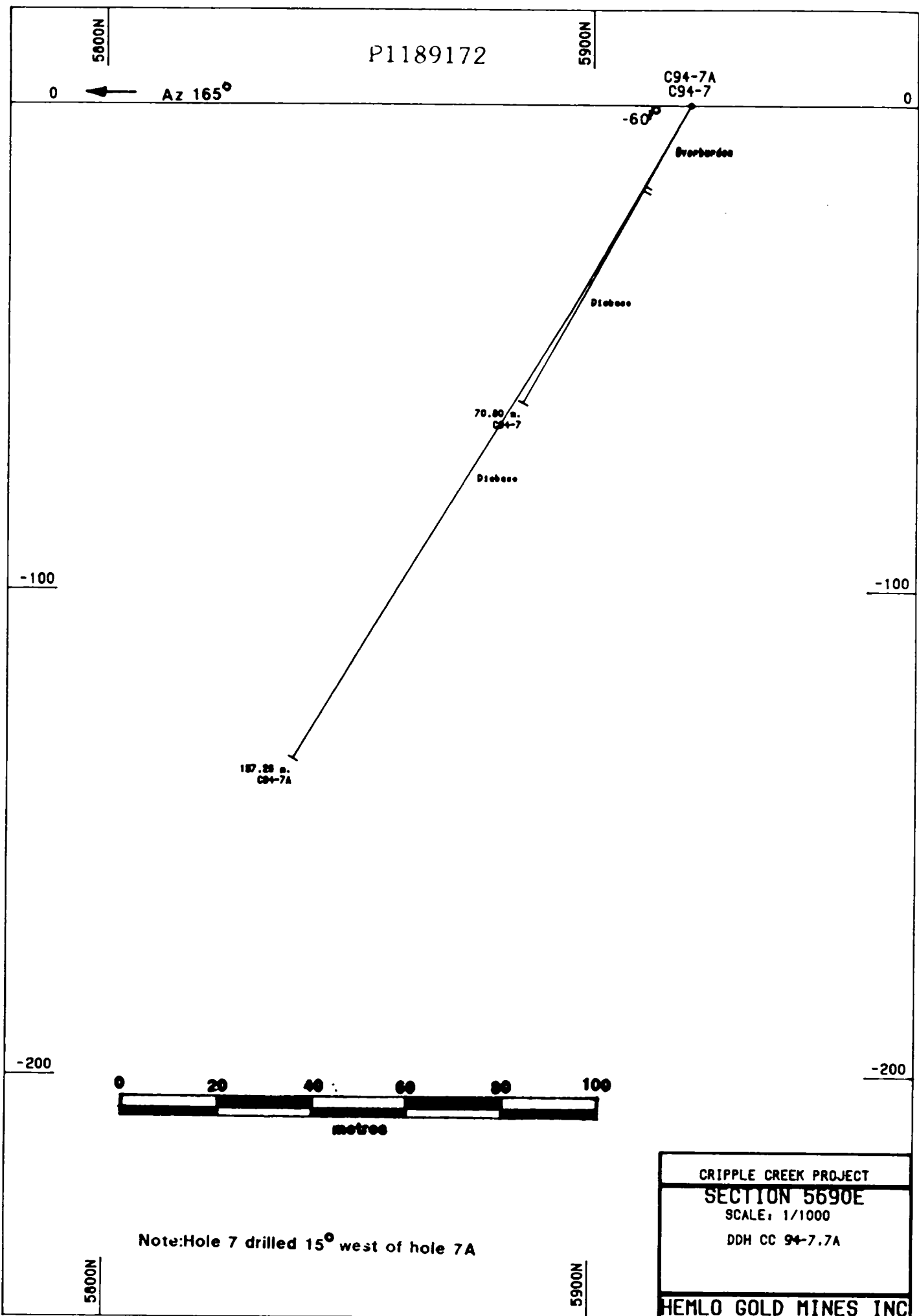
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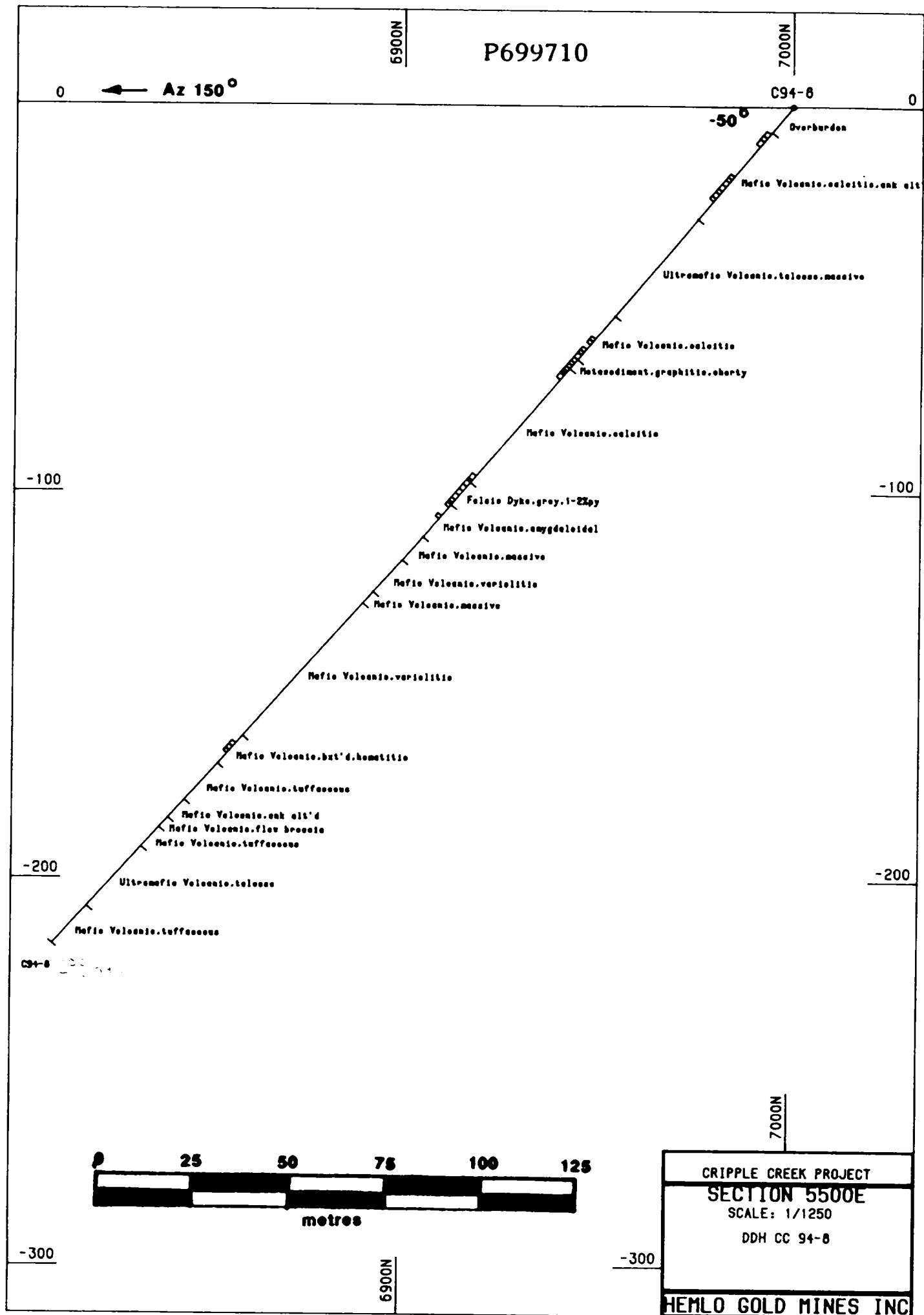
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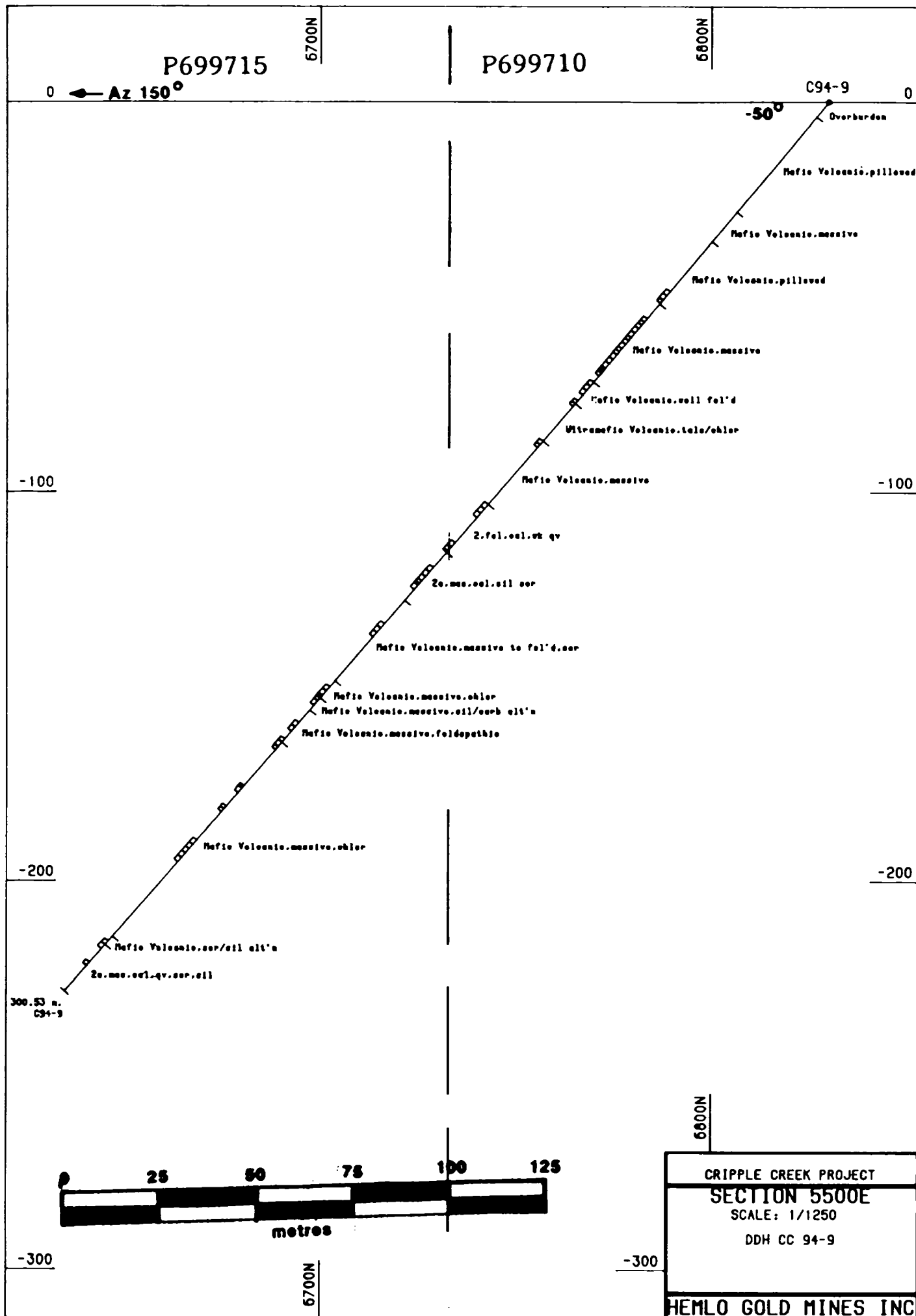
-400

-400









HEMLIO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK

HOLE No.: CC95-10

Collar Eastings: 5900.00

Collar Northings: 5950.00

Collar Elevation: 0.00

Grid: Main

True bearing of hole: 210

CORE SIZE: NQ

Collar Inclination: -50.00

Grid Bearing: 210.00

Final Depth: 412.00 metres

Core reduced to BQ size at 401.0m

Core Storage: Aunor Minesite, Timmins Ont

DRILLED ON CLAIM: P1189172

Logged by: S.M SEAN McCANN

Date: 03/04/95 to 11/04/95

Down-hole Survey: ACID

Contractor: NDS Drilling Ltd, Timmins Ont

DATE DRILLED: APRIL 3-11, 1995

DATE LOGGED: APRIL 4-12, 1995

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	Au g/t	
0	56.5	(OVERBURDEN) OVERBURDEN Casing reamed to 58.0m.					
56.5	110.8	(1a.tc/chl.srp) ULTRAMAFIC Fine grained, dark green to black, massive with mottled texture, locally deformed with foliation parallel TCA, core is generally blocky with numerous rubble and gouge zones, soft talc/chlorite, quartz/carbonate veins up to 30cm comprise 5% of first 15m of core, inclusions of fibrous serpentine veins over intervals of up to 10cm common, local pervasive calcite in matrix as at 83.5m and as possible spherulites at 86.0m, possible inclusion of mafic volcanic at 102.7m over 30cm where rock is khaki green with weak silicification, fractures are usually at 80 deg TCA, nil sulfides. 58.2-60.5 - Ultramafic - intervals includes approximately 30% gouge material and broken core. 64.2-64.5 - Quartz/Carbonate Vein - milky white, inclusions of chlorite and serpentine. 77.8-80.0 - Ultramafic - interval is approximately 25% gouge and 5% quartz/carbonate veinlets.	38801 38802	57.80 63.80	59.30 64.80	1.50 1.00	0.01 0.01
110.8	113.3	(2a.mg.po) MAFIC VOLCANIC Medium grained, dark green to black, massive, quartz/calcite stringers common, weak silicification, calcite spherulites up to 5mm in diameter throughout unit, 3% disseminated pyrrhotite clusters up to 3mm.					
113.3	117.6	(1a.tc/chl,L.C.50) ULTRAMAFIC Fine grained, pale to apple green, massive, mottled texture, soft talcose rock, minor serpentine and quartz/calcite stringers, lower contact sharp at 50 deg TCA.					
117.6	123.9	(2a.po)					

HOLE No: CC95-10

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: CC95-10

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH Au g/t	
		MAFIC VOLCANIC As previously described, spherulites up to 1cm with dark chloritic green cores. 1-2% pyrrhotite.					
123.9	137.9	(1a,tc/chl,sp) ULTRAMAFIC Fine grained, black/dark green, talc/chlorite, spinofex texture noted at 125.5m, minor calcite/quartz stringers and rare veinlets up to 3cm, core has local rubble intervals as at 130.0m, soft, lower contact at 45 deg TCA.					
137.9	139.6	(2a,mg,po) MAFIC VOLCANIC Medium grained, dark green, massive, similar to previous mafic intervals. 1-2% disseminated pyrrhotite clusters.					
139.6	150.3	(1a,tc/chl) ULTRAMAFIC As described above at 123.9 to 137.9m, narrow gouge intervals up to 5cm common, weak local foliation at 45 TCA.					
150.3	154.8	(2a,mg,cal,sil) MAFIC VOLCANIC Medium grained, green, mottled texture, pervasive calcite in matrix and as calcite/quartz veinlets, moderately silicified, massive, lower contact sharp at 45 deg TCA.					
154.8	164.5	(1a,tc/chl) ULTRAMAFIC As described above, no gouge intervals, lower contact gradational. 161.1-161.8 - Mafic Volcanic - as above.					
164.5	173.0	(2a,sil,l.py) MAFIC VOLCANIC Fine to medium grained, dark green to black, massive, 5% quartz/carbonate veins up to 5cm, silicified, 1-3% pyrite associated with fractures and as disseminated grains. 167.7-168.7 - Ultramafic - Talc/chlorite as previously described.	38803 38804	169.00 170.50	170.50 172.00	1.50 1.50	0.01 0.01
173.0	184.0	(1a,tc/chl)					

HOLE No: CC95-10

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: CC95-10

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	Au g/t	
		ULTRAMAFIC Fine to medium grained, greenish-black to dark grey, talc/ chlorite, massive, minor calcite carbonate as stringers and weakly pervasive in matrix, lower contact sharp at 50 deg TCA.					
184.0	187.0	(2a,w,sil) MAFIC VOLCANIC Medium grained, dark green, massive, weakly silicified, calcite/quartz veinlets common at 35 deg TCA, trace to 1% pyrite as euhedral cubes up to 3mm.					
187.0	200.4	(1a,tc/chl) ULTRAMAFIC As described above at 173.0-184.0, 1% pyrite as large disseminated 1cm euhedral cubes, lower contact sharp at 45 deg TCA.					
200.4	204.4	(2a,chl) MAFIC VOLCANIC As described between 184.0-187.0, 1% disseminated pyrite cubes up to 5mm, chlorite chips common as at 202.3m.					
204.4	232.4	(1a,tc/chl,ank) ULTRAMAFIC As above, unit becomes weakly silicified and pervasively ankeritized below 217.0m, ankerite appears as clusters of pinkish-white semi-angular crystals throughout unit, trace pyrite.					
232.4	236.7	(2a,sil,ank,py) MAFIC VOLCANIC Fine to medium grained, dark green, massive, silicified, moderate pervasive ankerite as clusters of crystals, bullish white quartz/ankerite vein at 235.0-235.3m with altered mafics as host with strong pervasive ankerite and 2-3% pyrite and minor chalcopyrite as clusters, magnetic.	38805 38806	233.90 234.90	234.90 235.90	1.00 1.00	0.01 0.01
236.7	251.0	(1a,BK,m/cg) ULTRAMAFIC Medium to coarse grained, green, mottled texture, basaltic komatiite, quartz/calcite stringers common throughout unit, locally weakly magnetic, weak talc/chlorite, trace	38807 38808	235.90 250.00	236.90 251.00	1.00 1.00	0.01 0.01

HOLE No: CC95-10

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: CC95-10

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			Au g/t
				FROM	TO	WIDTH	
		pyrite. lower contact sharp at 40 deg TCA.					
251.0	254.7	(2a.alt.mag.py) MAFIC VOLCANIC Medium grained. dark green with bleached intervals. massive. quartz/ankerite stringers common at 45 deg TCA with bleached alteration halos. siliceous, magnetic. 3-5% disseminated crystalline pyrite associated with stringers and fractures. lower contact sharp at 32 deg TCA.	38809 38810 38811	251.00 252.50 254.00	252.50 254.00 254.70	1.50 1.50 0.70	0.49 1.10 0.59
254.7	281.1	(1a.tc/chl,ank.w.sil) ULTRAMAFIC Medium to coarse grained. green to apple green, mottled texture. moderate pervasive ankerite as irregularly orientated stringers giving unit a marbled appearance. weakly siliceous, minor narrow <15cm quartz/ankerite veins as at 278.8m hosting black tourmaline clusters. trace pyrite, lower contact gradational.	38812 38813 38814	254.70 278.00 279.50	255.70 279.50 281.10	1.00 1.50 1.60	0.01 0.01 0.01
281.1	283.1	(2a.sil,hem) MAFIC VOLCANIC Medium grained. purplish-green, massive, quartz/ankerite veinlets common. 3-5% disseminated pyrite as coarse crystals up to 5mm. siliceous. lower contact sharp at 30 deg TCA.	38815 38816	281.10 282.10	282.10 283.10	1.00 1.00	0.46 0.15
283.1	328.6	(1a,BK,sp) ULTRAMAFIC Coarse grained. green to apple green. basaltic komatiite with distinct spinofex texture as at 289.2m. spinofex ends at 291.0m. weak to moderate pervasive ankerite. minor quartz/ankerite stringers and veinlets with rare tourmaline. locally siliceous. 1% disseminated pyrite as fine grains and clusters. unit has yellowish color to it between 307.0-317.0m due to possible pervasive sericite grains. locally core appears similar to a flow breccia due to networking of stringers and chlorite fractures as at 323.5m.	38817 38818 38819 38820 38821	283.10 317.00 318.50 320.00 327.60	284.10 318.50 320.00 321.50 328.60	1.00 1.50 1.50 1.50 1.00	0.02 0.01 0.01 0.06 0.01
328.6	337.0	(2a.mag.sil.fol.40) MAFIC VOLCANIC Medium grained. buff/green with bleached intervals. local foliation at 40 deg TCA. magnetic with visible magnetite grains as at 335.5m. siliceous. 15% quartz/ankerite veins	38822 38823 38824 38825 38826	328.60 330.00 331.50 333.00 334.50	330.00 331.50 333.00 334.50 336.00	1.40 1.50 1.50 1.50 1.50	0.01 0.02 0.10 0.12 0.01

HOLE No: CC95-10

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: CC95-10

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH	Au g/t
		and stringers. chlorite fractures, black tourmaline associated with veins. 3% disseminated pyrite as large 5mm crystals and as fine grains, contacts sharp at 30 deg TCA.	38827	336.00	337.00	1.00	0.01
337.0	371.0	(1a,ser,BK,ank) ULTRAMAFIC Basaltic komatiite as described above, no spinofex texture, minor quartz/ankerite veinlets with needles of tourmaline, moderate pervasive sericite below 363.5m gives unit yellowish hue, narrow interval of talc/chlorite at lower contact, lower contact sharp at 45 deg TCA.	38828 38829	337.00 370.00	338.00 371.00	1.00 1.00	0.01 0.01
371.0	375.7	(2a,sil,alt,ank,py) MAFIC VOLCANIC Medium grained, grey with purplish hue, siliceous, moderate pervasive ankerite, 10% narrow <10cm quartz/ankerite veins, moderately fractured with chlorite fillings, 2-3% disseminated pyrite as fine grains and clusters, lower contact at 10 deg TCA.	38830 38831 38832	371.00 372.50 374.00	372.50 374.00 375.70	1.50 1.50 1.70	0.02 0.03 0.01
375.7	392.3	(1a,BK,sp,ank) ULTRAMAFIC Medium to coarse grained, olive green, massive basaltic komatiite, distinct spinofex texture between 378.5 and 381.5, moderate pervasive ankerite, rare quartz/ankerite stringers, trace to 1% very fine disseminated pyrite, siliceous, lower contact sharp.	38833	391.30	392.30	1.00	0.01
392.3	394.2	(2a,sil,ank,py) MAFIC VOLCANIC Fine grained, greyish-green, foliated at 60 deg TCA, siliceous, 5% quartz stringers with rare tourmaline, chlorite slips, 3% disseminated pyrite associated with stringer margins and along fracture planes as clusters, lower contact gradational.	38834 38835	392.30 393.30	393.30 394.20	1.00 0.90	0.07 0.08
394.2	404.0	(1a,BK, ank) ULTRAMAFIC Medium to coarse grained, olive green basaltic komatiite as above description, narrow 20cm interval of grey siliceous mafic volcanic at 395.4m. Unit becomes foliated and weakly deformed below 395.6m with moderate pervasive ankerite,	38836 38837 38838 38839 38840	394.20 395.70 396.70 398.00 399.00	395.70 396.70 398.00 399.00 400.00	1.50 1.00 1.30 1.00 1.00	0.01 0.01 0.01 0.01 0.01

HOLE No: CC95-10

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: CC95-10

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS		
				FROM	TO	Au g/t
		quartz/ankerite stringers, and is weakly talcosed. Lower contact gradational. Core is reduced to B ₄ size at 401.0m.				
404.0	412.0	(la,tc/chl) ULTRAMAFIC Fine grained, dark green to black, talc/chlorite, moderate pervasive Fe-carbonate as stringers, locally magnetic, generally massive, trace to 1% pyrite clusters.				
412.0		EOH				

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
67.00	-48.00	210.00
118.00	-47.00	210.00
168.00	-47.00	210.00
228.00	-48.00	210.00
278.00	-49.00	210.00
328.00	-49.00	210.00
378.00	-49.00	210.00
412.00	-49.00	210.00

HOLE No: CC95-10

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK

HOLE No.: CC95-11

Collar Eastings: 5500.00

Collar Northings: 6090.00

Collar Elevation: 0.00

Grid: Main

Core Storage: Aunor Minesite, Timmins Ont

CORE SIZE: NQ

Collar Inclination: -50.00

Grid Bearing: 180.00

Final Depth: 299.00 metres

Log complete: 19/04/95

DRILLED ON CLAIM: P1189172

Logged by: S.M SEAN McCANN

Date: 11/04/95 to 19/04/95

Down-hole Survey: ACID

Contractor: NDS Drilling Ltd. Timmins Ont

DATE DRILLED: APRIL 11-19, 1995

DATE LOGGED: APRIL 12-20, 1995

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS			
					TO	WIDTH	Au g/t	
0	37.0	(OVERBURDEN) OVERBURDEN						
37.0	107.8	(1a.tc/chl.cal) ULTRAMAFIC Fine to medium grained, dark green to black, talc/chlorite. Core is generally blocky with numerous <10cm gouge intervals, competent intervals of core are usually <5.0m in length as between 47.6 and 52.0m. Weak local silicification and moderate pervasive magnetism. Rare local fibrous serpentine as at 54.9m. Quartz/calcite veins and stringers common. veins up to 20cm with chlorite slips and trace pyrite and chalcopyrite as at 80.4m. Gouge intervals at 38.6, 55.3, 100.0, and 107.8m. Lower contact sharp at 45 degrees TCA.	38841 38842	80.00 106.50	81.00 107.50	1.00 1.00	0.01 0.01	
107.8	112.5	(1a.Bk.w.ank) ULTRAMAFIC Medium grained, dark green, massive, mottled basaltic komatiite with distinct spinofex texture between 112.0 and 112.5m. Weak pervasive Fe-carbonate in matrix and as stringers, non-magnetic, weakly silicified, lower contact gradational.						
112.5	145.5	(2a.l.mag.cal) MAFIC VOLCANIC Medium grained, green to dark green, generally massive, locally magnetic with visible magnetite grains at lower contact, mottled texture with chlorite chips common as at 117.5m, <5% quartz/calcite stringers and knots, 1-3% pyrite locally as disseminated crystals up to 1cm as at 144.5m, weak pervasive ankerite, lower contact sharp at 65 deg TCA.	38843 38844 38845 38846 38847 38848	127.00 128.00 129.50 131.00 132.50 134.00	128.00 129.50 131.00 132.50 134.00 135.00	1.00 1.50 1.50 1.50 1.50 1.00	0.01 0.01 0.01 0.01 0.01 0.01	
145.5	220.8	(1a.tc/chl.cal) ULTRAMAFIC Fine to medium grained, dark green to black, talc/chlorite as previously described, 5% quartz/calcite stringers.	38849	219.80	220.80	1.00	0.01	

HOLE No: CC95-11

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: CC95-11

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH Au g/t	
		magnetic, chlorite fractures common below 163.5m. 1% disseminated pyrite as euhedral crystals up to 5mm. weak local Fe-carbonate, local foliation at 75 deg TCA as at 200.0m, lower contact gradational.					
220.8	222.5	(2a.mag,sil) MAFIC VOLCANIC Medium grained, dark green, massive, siliceous, minor quartz/calcite stringers and clots, strongly magnetic, 1% disseminated pyrite crystals up to 3mm, lower contact sharp at 60 deg TCA, narrow 10 cm inclusion of talc/chlorite ultramafic at 221.9m.	38850	220.80	222.50	1.70	0.01
222.5	237.2	(1a.tc/chl,cal) ULTRAMAFIC Talc/chlorite ultramafic as described above with local inclusions of mafic volcanic, lower contact sharp at 30 deg TCA. 228.2-228.7 - Mafic Volcanic - fine grained, green, siliceous, magnetic, 3-5% disseminated pyrite, rare quartz/calcite stringers, contacts sharp at 60 deg TCA. 229.6-229.8 - Mafic Volcanic - as above, 1% pyrite. 230.9-231.0 - Mafic Volcanic - as above.	38851 38852 38853 38854 38855	222.50 227.20 228.20 229.80 236.20	223.50 228.20 229.80 231.20 237.20	1.00 1.00 1.60 1.40 1.00	0.01 0.01 0.01 0.01 0.01
237.2	240.3	(2a.mag,sil) MAFIC VOLCANIC As described between 220.8 and 222.5m, visible magnetite grains up to 2mm, 1-2% disseminated pyrite crystals up to 5mm, siliceous, lower contact sharp at 50 deg TCA.	38856 38859 38857	237.20 238.30 238.70	238.30 238.70 240.30	1.10 0.40 1.60	0.03 0.01 0.02
240.3	242.9	(1a.tc/chl,) ULTRAMAFIC Talc/chlorite rock as previously described, non-magnetic, lower contact sharp at 45 deg TCA.	38858 38860	240.30 241.30	241.30 242.90	1.00 1.60	0.01 0.01
242.9	246.6	(2a.mag,sil,py) MAFIC VOLCANIC Fine grained, dark green, strongly magnetic, siliceous, massive, 5% quartz/calcite fractures and veinlets, 3-5% fine to coarse disseminated pyrite, rare chalcopyrite, lower contact sharp at 45 deg TCA.	38861 38862 38863	242.90 244.00 245.00	244.00 245.00 246.60	1.10 1.00 1.60	0.01 0.04 0.02
246.6	299.0	(1a.tc/chl,cal)	38864	246.60	247.60	1.00	0.01

HOLE No: CC95-11

HEMLCO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: CC95-11

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS		
				FROM	TO	Au g/t
		ULTRAMAFIC Fine grained talc/chlorite rock, weakly foliated at 55 deg TCA, soft, mottled texture below 246.7m, pervasive calcite in matrix and as stringers, unit is weakly silicified below 250.0m, chlorite stringers/fractures common as at 272.2m, non-magnetic, numerous intervals of gouge and blocky core. 263.2-265.8 - Gouge Interval - 50% gouge with inclusions of blocky talc/chlorite.				
299.0		EOH				

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
67.00	-48.00	180.00
109.00	-48.00	180.00
159.00	-47.00	180.00
209.00	-46.00	180.00
259.00	-46.00	180.00
299.00	-46.00	180.00

HOLE No: CC95-11

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK

HOLE No.: CC95-12

Collar Eastings: 5200.00

Collar Northings: 5550.00

Collar Elevation: 0.00

Grid: Main

Core Storage: Aunor Minesite, Timmins Ont.

CORE SIZE: NQ

Collar Inclination: -50.00

Grid Bearing: 150.00

Final Depth: 406.00 metres

Log complete: 23/04/95

DRILLED ON CLAIM: P1189172

JMC.

Logged by: S.M SEAN McCANN

Date: 19/04/95 to 23/04/95

Down-hole Survey: ACID

Contractor: NDS Drilling Ltd, Timmins Ont

DATE DRILLED: APRIL 19-23, 1995

DATE LOGGED: APRIL 20-24, 1995

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS		
					TO	WIDTH	Au g/t
0	23.7	(OVERBURDEN) OVERBURDEN					
23.7	41.7	(1a.tc/chl.cal.mag) ULTRAMAFIC Fine to medium grained, dark green to black, massive, talc/chlorite, magnetic, minor ferrocalcite stringers and veins as at 36.8, narrow gouge intervals at 24.5 and 29.5m, rare spinofex texture seen at 28.7m, core is locally blocky as at top of hole, chlorite filled fractures, trace pyrite, lower contact gradational.	38865	40.70	41.70	1.00	0.01
41.7	47.6	(2a.bio) MAFIC VOLCANIC Medium grained, green, massive, narrow 20cm breccia interval at upper contact hosting 2% pyrite and chalcopyrite, pervasive biotite and chlorite, mottled texture due to "grains" of ferrocalcite, lower contact gradational.	38866 38867	41.70 42.70	42.70 43.70	1.00 1.00	0.01 0.01
47.6	76.1	(1a.tc/chl.cal) ULTRAMAFIC Fine to medium grained, dark green to black, talc/chlorite, weak local foliation at 50 deg TCA, weakly magnetic, pervasive calcite as stringers and "knots", fractured, 1% disseminated pyrite as clusters of fine grains up to 1cm, lower at 10 deg TCA.	38868	74.60	75.60	1.00	0.01
76.1	93.4	(2a.fol.py) MAFIC VOLCANIC Fine grained, green, foliated at 70 deg TCA, siliceous, 5% quartz/calcite stringers; 3% disseminated pyrite as fine grains, clusters, and cubic crystals, rare veinlet at 79.2m with brownish-black tourmaline.	38869 38870 38871 38872 38873 38874 38875 38876 38877 38878	75.60 76.60 78.00 79.50 81.00 82.50 84.00 85.50 87.00 88.50	76.60 78.00 79.50 81.00 82.50 84.00 85.50 87.00 88.50 90.00	1.00 1.40 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 0.01 0.01

HOLE No: CC95-12

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: CC95-12

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH	Au g/t
			38879	90.00	91.50	1.50	0.01
			38880	91.50	92.50	1.00	0.01
			38881	92.50	93.40	0.90	0.01
93.4	96.0	(7c.sil.py) QUARTZ/FELDSPAR PORPHYRY Medium grained, grey to buff, siliceous, generally massive, rare sericite halos, chlorite slips common, 1-2% disseminated pyrite, contacts sharp at 70 deg TCA.	38882	93.40	95.00	1.60	0.01
			38883	95.00	96.00	1.00	0.01
96.0	151.1	(2a.cal.py) MAFIC VOLCANIC As described above, weakly foliated at 50 deg TCA, 10% quartz/calcite veinlets and stringers, local epidote, calcite filled amygdules as at 103.8 and 111.0m up to 5mm, weakly magnetic, rare sericite halos as at 115.2m, locally siliceous, veinlets are commonly <20cm and are brecciated as at 133.1m, 1-2% disseminated pyrite overall, up to 3% locally, unit has dark green rounded "fragments" up to 3cm at 131.5m. 132.5-134.5 - Altered Mafic - fine grained, grey, siliceous, local sericite, fractured, cherty, 2% fine disseminated pyrite. 136.5-138.3 - Altered Mafic - as above, 1-2% pyrite. 148.4-148.8 - Altered Mafic - as above, trace pyrite.	38884	96.00	97.50	1.50	0.01
			38885	97.50	99.00	1.50	0.01
			38886	99.00	100.50	1.50	0.01
			38887	100.50	102.00	1.50	0.01
			38888	102.00	103.50	1.50	0.01
			38889	103.50	105.00	1.50	0.01
			38890	105.00	106.50	1.50	0.18
			38891	106.50	108.00	1.50	0.01
			38892	108.00	109.50	1.50	0.01
			38893	109.50	111.00	1.50	0.01
			38894	111.00	112.50	1.50	0.01
			38895	112.50	114.00	1.50	0.01
			38896	114.00	115.50	1.50	0.01
			38897	115.50	117.00	1.50	0.01
			38898	117.00	118.50	1.50	0.01
			38899	118.50	120.00	1.50	0.01
			38900	120.00	121.50	1.50	0.01
			38901	121.50	123.00	1.50	0.01
			38902	123.00	124.50	1.50	0.01
			38903	124.50	126.00	1.50	0.01
			38904	126.00	127.50	1.50	0.01
			38905	127.50	129.00	1.50	0.01
			38906	129.00	130.50	1.50	0.01
			38907	130.50	131.50	1.00	0.01
			38908	131.50	132.50	1.00	0.01
			38909	132.50	133.50	1.00	0.01
			38910	133.50	134.50	1.00	0.01
			38911	134.50	135.50	1.00	0.01
			38912	135.50	136.50	1.00	0.01
			38913	136.50	137.40	0.90	0.01
			38914	137.40	138.30	0.90	0.01
			38915	138.30	139.30	1.00	0.01

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH	Au g/t
			38916	139.30	140.50	1.20	0.01
			38917	140.50	142.00	1.50	0.01
			38918	142.00	143.50	1.50	0.01
			38919	143.50	145.00	1.50	0.01
			38920	145.00	146.50	1.50	0.01
			38921	146.50	148.00	1.50	0.01
			38922	148.00	149.50	1.50	0.01
			38923	149.50	151.00	1.50	0.01
151.4	156.5	(2a,frag,mag) MAFIC VOLCANIC Pale to dark green fragmental, fragments are deformed and elongated parallel to foliation, intervals of strong magnetism, weakly foliated at 45 deg TCA, minor quartz/calcite stringers with associated epidote, 1% disseminated pyrite.	38924	151.00	152.50	1.50	0.01
			38925	152.50	154.00	1.50	0.01
			38926	154.00	155.50	1.50	0.01
156.5	173.9	(2a,cal,l,epd) MAFIC VOLCANIC Massive medium grained mafic volcanic as described between 96.0 and 151.1m, locally magnetic with a 5mm magnetite stringer at 166.1m, pervasive calcite as in quartz/calcite stringers and in amygdules as at 162.5m, local epidotized intervals, lower contact gradational.	38927	155.50	157.00	1.50	0.01
			38928	157.00	158.50	1.50	0.01
			38929	158.50	160.00	1.50	0.01
			38930	160.00	161.50	1.50	0.01
			38931	161.50	163.00	1.50	0.01
			38932	163.00	164.50	1.50	0.01
			38933	164.50	166.00	1.50	0.01
			38934	166.00	167.50	1.50	0.01
			38935	167.50	169.00	1.50	0.01
			38936	169.00	170.50	1.50	0.01
			38937	170.50	172.00	1.50	0.01
			38938	172.00	173.50	1.50	0.01
173.9	178.9	(2a,alt,fol,sil,ank,py) ALTERED MAFIC VOLCANIC Altered to pale green/buff to grey, fine to medium grained, foliated at 60 deg TCA, pervasive sericite as halos and grains, siliceous, strong pervasive ankerite, 10% quartz/ankerite stringers and veinlets, possible black tourmaline associated with veinlets, 5% fine pyrite bands at 178.3m, lower contact gradational.	38939	173.50	175.00	1.50	0.01
			38940	175.00	176.50	1.50	0.01
			38941	176.50	178.00	1.50	0.01
178.9	205.0	(2a,fol,50,cal) MAFIC VOLCANIC Strongly foliated at 50 deg TCA till 183.0m where unit becomes generally massive, unit is similar to previously	38942	178.00	179.00	1.00	0.26
			38943	179.00	180.00	1.00	0.02
			38944	180.00	181.00	1.00	0.01
			38945	181.00	182.50	1.50	0.01

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH	Au g/t
		described mafic intervals with pervasive calcite/ quartz stringers, 30cm quartz/ankerite vein at 190.5m hosting 2% very fine pyrite, below 192.0m unit is massive with 1-2% pyrite and rare chalcopyrite as at 192.6m, lower contact gradational.	38946	182.50	184.00	1.50	0.01
			38947	184.00	185.50	1.50	0.01
			38948	185.50	187.00	1.50	0.01
			38949	187.00	188.50	1.50	0.01
			38950	188.50	190.00	1.50	0.01
			38951	190.00	191.50	1.50	0.01
			38952	191.50	193.00	1.50	0.01
			38953	193.00	194.50	1.50	0.01
			38954	194.50	196.00	1.50	0.01
			38955	196.00	197.50	1.50	0.01
			38956	197.50	199.00	1.50	0.01
			38957	199.00	200.50	1.50	0.01
			38958	200.50	202.00	1.50	0.01
			38959	202.00	203.50	1.50	0.01
		38960	203.50	205.00	1.50	0.01	
205.0	209.0	(2a,alt,sil,ser) ALTERED MAFIC VOLCANIC	38961	205.00	206.50	1.50	0.01
		Grey to buff, siliceous, pervasive sericite bands, foliated at 70 deg TCA, 1-2% fine disseminated pyrite, lower contact gradational.	38962	206.50	208.00	1.50	0.01
			38963	208.00	209.00	1.00	0.01
209.0	229.0	(2c/a,cal) MAFIC FLOW BRECCIA	38964	209.00	210.00	1.00	0.01
		Fine grained, pale green to green, blotchy texture, locally siliceous, pervasive calcite, weak local sericite, breccia interval between 214.9 and 215.7m with semi- rounded fragments up to 5cm within calcite rich matrix, 2% disseminated pyrite, grades into massive mafic below 225.0m, lower contact gradational.	38965	210.00	211.00	1.00	0.01
			38966	211.00	212.50	1.50	0.01
			38967	212.50	214.00	1.50	0.01
			38968	214.00	215.50	1.50	0.01
			38969	215.50	217.00	1.50	0.01
			38970	228.00	229.00	1.00	0.01
229.0	248.4	(2a,alt,sil,ser,ank) ALTERED MAFIC VOLCANIC	38971	229.00	230.50	1.50	0.01
		Fine grained, buff to grey, siliceous, strongly foliated at 45 deg TCA, moderate to strong pervasive yellowish sericite bands, 5% quartz/calcite stringers, moderate pervasive ankerite, 1-2% pyrite overall with up to 3% pyrite and pyrrhotite locally as at 246.8m, rare chalcop- pyrite at 242.5m, lower contact gradational.	38972	230.50	232.00	1.50	0.01
			38973	232.00	233.50	1.50	0.01
			38974	233.50	235.00	1.50	0.01
			38975	235.00	236.50	1.50	0.01
			38976	236.50	238.00	1.50	0.01
			38977	238.00	239.50	1.50	0.01
			38978	239.50	241.00	1.50	0.01
		246.1-246.7 - Ultramafic - medium grained, olive green basaltic komatiite, mottled texture, minor quartz/calcite stringers.	38979	241.00	242.50	1.50	0.01
			38980	242.50	244.00	1.50	0.06
		247.0-247.2 - Ultramafic - as above.	38981	244.00	245.50	1.50	0.01
			38982	245.50	247.00	1.50	0.01

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH Au g/t	
248.4	288.7	(2a,cal,fol,60) MAFIC VOLCANIC Fine to medium grained, dark green, foliated at 60 deg TCA, 10% quartz/calcite stringers, local sericite halos and silicification, rare 20cm quartz/ankerite vein at 253.7m, possible basaltic komatiite interval between 252.5 and 254.3m, local stringers of pyrrhotite as at 257.3 and 263.0m, 1% pyrite overall with rare chalcopyrite as at 274.3m, locally magnetic, unit grades into a khaki green color below 280.0m, possible Mg-theolite.	38983	247.00	248.50	1.50	0.01
			38984	248.50	250.00	1.50	0.01
			38985	250.00	251.50	1.50	0.01
			38986	251.50	253.00	1.50	0.01
			38987	253.00	254.50	1.50	0.01
			38988	254.50	256.00	1.50	0.01
			38989	256.00	257.50	1.50	0.01
			38990	257.50	259.00	1.50	0.01
			38991	259.00	260.50	1.50	0.01
			38992	260.50	262.00	1.50	0.01
			38993	262.00	263.50	1.50	0.08
			38994	263.50	265.00	1.50	0.01
			38995	265.00	266.50	1.50	0.01
			38996	266.50	268.00	1.50	0.11
			38997	268.00	269.50	1.50	0.01
			38998	269.50	271.00	1.50	0.01
			38999	271.00	272.50	1.50	0.01
			39000	272.50	274.00	1.50	0.01
			39301	274.00	275.50	1.50	0.01
			39302	275.50	277.00	1.50	0.01
			39303	277.00	278.50	1.50	0.01
			39304	278.50	280.00	1.50	0.01
			39305	280.00	281.50	1.50	0.01
			39306	281.50	283.00	1.50	0.01
			39307	283.00	284.50	1.50	0.01
			39308	284.50	286.00	1.50	0.01
			39309	286.00	287.50	1.50	0.01
288.7	294.0	(2a,alt,sil,ank) ALTERED MAFIC VOLCANIC Fine grained, grey to pale green, foliated at 50 deg TCA, weak pervasive sericite and moderate pervasive ankerite, quartz/calcite stringers and "wisps" common, 2% fine pyrite as dissemination's and stringers, 7% pyrite between 293.0 and 293.4m, lower contact gradational.	39310	287.50	289.00	1.50	0.01
			39311	289.00	290.50	1.50	0.01
			39312	290.50	292.00	1.50	0.01
			39313	292.00	293.00	1.00	0.01
			39314	293.00	294.00	1.00	0.04
294.0	320.0	(2a,epd,mg-theo) MAFIC VOLCANIC Medium grained, greenish-buff colored Mg-theolite, weak pervasive epidote, 10% quartz/calcite veins and stringers, generally massive, trace to 1% pyrite, feldspar laths at 319.1m, lower contact sharp at 70 deg TCA.	39315	294.00	295.00	1.00	0.01
			39316	295.00	296.00	1.00	0.01
			39317	300.40	301.40	1.00	0.01
			39318	301.40	302.90	1.50	0.01
			39319	302.90	303.90	1.00	0.01
			39320	319.00	320.00	1.00	0.01

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TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS		Au g/t
				TO	WIDTH	
	301.5-302.8 - Quartz/Calcite Vein - milky white, bluish, inclusions of basalt, chlorite slips, 1% pyrite at contacts.					
323.0	(2a.alt.sil.w.ank) ALTERED MAFIC VOLCANIC Medium grained, buff to grey, siliceous, minor quartz/calcite stringers, weakly ankeritized, 2% disseminated pyrite as grains and clusters, lower contact sharp at 45 deg TCA.	39321 39322	320.00 321.50	321.50 323.00	1.50 1.50	0.01 0.01
331.1	(2a.cal.l.py) MAFIC VOLCANIC Medium grained, green, weak local foliation, pervasive calcite in matrix and as stringers with quartz, locally deformed as at 326.3m, weak local sericite, quartz/calcite veinlets and stringers are well mineralized with 5% fine disseminated pyrite as at 323.0 and 323.7m, possible leucoxene grains near lower contact as at 331.0m	39323 39324 39325 39326 39327 39328	323.00 324.50 326.00 327.50 329.00 330.00	324.50 326.00 327.50 329.00 330.00 331.10	1.50 1.50 1.50 1.50 1.00 1.10	0.01 0.01 0.01 0.01 0.01 0.01
339.1	(1a.alt.ank.ser.sil.py) ALTERED ULTRAMAFIC Fine to medium grained highly altered basaltic komatiite, light green/grey to buff, strong pervasive ankerite and sericite, well foliated at 50 deg TCA, minor <10cm quartz/ankerite veins, local deformation and folding as at 336.0 and 346.0m, moderate pervasive silicification, local grainy texture, unit becomes mainly massive below 352.0m and may possibly be altered mafics?, 2% fine disseminated pyrite overall, local intervals host up to 3-5% as fine stringers and "wisps" associated with pods of quartz as between 334.0 and 338.3m.	39329 39330 39331 39332 39333 39334 39335 39336 39337 39338 39339 39340	331.10 332.50 334.00 335.50 337.00 338.30 339.10 340.00 340.00 341.50 343.00 343.00 344.50 346.00 346.00 347.50	332.50 334.00 335.50 337.00 338.30 339.10 340.00 341.50 343.00 344.50 346.00 347.50 349.00 349.00 350.50 352.00 353.50 355.00 355.00 356.50 358.00 359.50 361.00 362.50 364.00 365.50	1.40 1.50 1.50 1.50 1.30 0.80 0.90 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 1.50 1.50 1.50	0.02 0.01 0.01 0.02 0.03 0.01 0.01 0.02 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.02 0.01 0.01 0.01 0.01
	338.3-339.1 - Quartz Porphyry - grey, sericitized, foliated, 2% fine pyrite, dark grey quartz eyes up to 4mm.	39341 39342 39343 39344 39345 39346 39347 39348 39349 39350 39351 39352	347.50 349.00 350.50 352.00 353.50 355.00 356.50 358.00 359.50 361.00 362.50 364.00 365.50	349.00 350.50 352.00 353.50 355.00 356.50 358.00 359.50 361.00 362.50 364.00 365.50	1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	0.01 0.01 0.01 0.01 0.01 0.01 0.02 0.01 0.01 0.01 0.01 0.01

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH	Au g/t
			39353	365.50	367.00	1.50	0.01
			39354	367.00	368.50	1.50	0.01
			39355	368.50	370.00	1.50	0.01
			39356	370.00	371.50	1.50	0.01
			39357	371.50	373.00	1.50	0.01
			39358	373.00	374.50	1.50	0.01
			39359	374.50	376.00	1.50	0.01
			39360	376.00	377.50	1.50	0.01
			39361	377.50	379.00	1.50	0.01
379.1	406.0	(5b/a,w,ank,fol.60)	39362	379.00	380.50	1.50	0.01
		SEDIMENTS	39363	380.50	382.00	1.50	0.01
		Fine grained greywacke to argillite, grey and black bedding planes at 60 deg TCA, upper 3m of unit is sericitized and moderately deformed as at 380.1m, rare quartz stringers, weakly ankeritized, 1-2% disseminated pyrite clusters, beds are <5cm thick, moderately siliceous.	39364	382.00	383.50	1.50	0.01
406.0		EOH					

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
29.00	-48.00	150.00
79.00	-48.00	150.00
129.00	-49.00	150.00
179.00	-48.00	150.00
229.00	-49.00	150.00
279.00	-49.00	150.00
329.00	-48.00	150.00
406.00	-48.00	150.00

HEMLO GOLD MINES INC

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Collar Eastings: 6100.00

Collar Northings: 6350.00

Collar Elevation: 0.00

Grid: Main

Core Storage: Aunor Minesite, Timmins Ont

CORE SIZE:NO

Collar Inclination: -50.00

Grid Bearing: 150.00

Final Depth: 307.00 metres

Log Completed: 26/04/95

DRILLED ON CLAIM: P699717

Logged by: S.M SEAN McCANN

Date: 23/04/95 to 26/04/95

Down-hole Survey: ACID

Contractor: NDS Drilling Ltd, Timmins

DATE DRILLED: APRIL 23-26, 1995

DATE LOGGED: APRIL 24-27, 1995

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH	Au g/t
0	38.4	(OVERBURDEN) OVERBURDEN					
38.4	123.2	(1a.tc/chl.ank.l.mag) ULTRAMAFIC Fine to medium grained, dark green to black, talc/chlorite, soft, locally magnetic, 10% quartz/ankerite stringers and knots at 50 deg TCA; narrow <3cm gouge intervals common as at 55.5, 57.2, 62.5, and 64.1m; remnants of spinofex texture at 45.5m, 2% local pyrite clusters up to 1cm and fine disseminated grains as at 55.0m, remnants of spinofex texture at 45.4m, unit has mottled appearance due to 5mm clots of Fe-carbonate between 85.0-92.0m and 116.0-121.0m, lower contact sharp at 45 deg TCA.	39365 39366 39367 39368	50.00 51.50 53.00 54.50	51.50 53.00 54.50 56.00	1.50 1.50 1.50 1.50	0.06 0.01 0.01 0.03
123.2	127.0	(1a.BK.ank) ULTRAMAFIC Medium grained olive green basaltic komatiite, moderate pervasive ankerite in matrix and as stringers, rare quartz/ankerite veinlets, trace pyrite, lower contact gradational.					
127.0	154.4	(1a.tc/chl.ank) ULTRAMAFIC Fine grained talc/chlorite as described above, trace pyrite, unit becomes mottled and possible basaltic komatiite below 151.0m and has greenish-grey color, minor quartz/ankerite veinlets, possible remnants of spinofex texture at 151.8m, lower contact at 70 deg TCA.	39369	153.40	154.40	1.00	0.01
154.4	172.8	(1a.alt.ank.BK.py) ALTERED ULTRAMAFIC Fine grained, olive green to grey/black, basaltic komatiite to talc/chlorite, foliated at 60 deg TCA, moderate pervasive ankerite, minor quartz/ankerite stringers, locally mottled as at 158.0m, <1% pyrite. Numerous <40cm purplish-grey inclusions of altered albitized, siliceous, and ankeritized mafic volcanics having chilled contacts and hosting between 5-10% disseminated pyrite as between 155.2-155.6 and at	39370 39371 39372 39373 39374 39375 39376 39377 39378	154.40 155.20 155.60 157.00 158.50 160.00 161.00 162.50 162.50 164.00	155.20 155.60 157.00 158.50 160.00 161.00 162.50 164.00 165.50	0.80 0.40 1.40 1.50 1.50 1.00 1.50 1.50 1.50	0.01 2.47 0.01 0.01 0.01 0.02 0.01 0.01 0.01

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH	Au g/t
		160.3, 160.9, 163.0, 166.0, and 171.5m.	39379	165.50	167.00	1.50	0.01
			39380	167.00	168.50	1.50	0.02
			39381	168.50	170.00	1.50	0.01
			39382	170.00	171.50	1.50	0.01
			39383	171.50	172.50	1.00	0.01
172.8	179.0	(1a.tc/chl.ank) ULTRAMAFIC Blackish-grey fine grained talc/chlorite as previously described, moderate pervasive quartz/ankerite stringers, gouge intervals at 174.5m and at lower contact, local deformation/folding as at 178.9m, lower contact sharp at 45 deg TCA.	39384	172.50	173.50	1.00	0.01
179.0	202.9	(1a.BK.w.epd.ank) ULTRAMAFIC Fine to medium grained olive green to grey basaltic komatiite, well foliated at 45 deg TCA, weakly epidotized, 5% quartz/ankerite veins up to 40cm, moderate pervasive ankerite, locally siliceous, minor localized folding as at 182.1m, generally soft talcose interval between 185.0 and 191.0m, unit resembles mafic volcanic at 191.0m, 2-3% fine disseminated pyrite locally, unit has local mottled texture as at 198.5m, rare inclusions of <10cm altered purplish-grey pyritized mafics as previously described hosting 3-5% pyrite, lower contact at 45 deg TCA. 195.5-196.0 - Quartz/Ankerite Vein - milky white fractured quartz, slips of chlorite-possible tourmaline, 5% pyrite along fractures, 3% disseminated chalcopyrite clusters.	39385	179.00	180.50	1.50	0.02
			39386	180.50	182.00	1.50	0.01
			39387	182.00	183.50	1.50	0.01
			39388	183.50	185.00	1.50	0.01
			39389	185.00	186.50	1.50	0.01
			39390	191.00	192.50	1.50	0.02
			39391	192.50	194.00	1.50	0.01
			39392	194.00	195.50	1.50	0.03
			39393	195.50	196.00	0.50	0.01
			39394	196.00	197.00	1.00	0.01
			39395	197.00	198.50	1.50	0.01
			39396	198.50	200.00	1.50	0.01
			39397	200.00	201.50	1.50	0.01
202.9	206.0	(1-2a.ank) ULTRAMAFIC TO MAFIC VOLCANIC Fine to medium grained, dark greenish grey, moderate pervasive ankerite, 3% quartz/ankerite veins and stringers, pervasive 1-2mm white grains-possible Fe-carbonate?, 1-3% local fine disseminated pyrite as at 204.0m, probable altered ultramafic.	39398	201.50	203.00	1.50	0.01
			39399	203.00	204.50	1.50	0.02
			39400	204.50	206.00	1.50	0.01
206.0	211.3	(1a.BK,ank) ULTRAMAFIC Olive green to khaki basaltic komatiite, 70% quartz/ankerite veins between 206.0 and 207.3m, spinofex texture at 207.8m, ankeritized, 2% disseminated pyrite	39401	206.00	207.50	1.50	0.01
			39402	207.50	209.00	1.50	0.01

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HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			Au g/t
				FROM	TO	WIDTH	
		clusters and rare chalcopyrite associated with veins, lower contact at 45 deg TCA.					
211.3	214.1	(1-2a,ank) ULTRAMAFIC TO MAFIC VOLCANIC	39403	211.00	212.00	1.00	0.01
		As described above, minor altered purplish-grey inclusions as previously described which are <5cm and host 3-5% pyrite, lower contact gradational.	39404	212.00	213.00	1.00	0.01
214.1	227.5	(1a,BK,fol.60) ULTRAMAFIC	39405	213.00	214.50	1.50	0.01
		Greenish-grey to olive green basaltic komatiite, foliated at 60 deg TCA, moderate pervasive ankerite, minor quartz/ ankerite stringers, inclusions of grey siliceous mafics? up to 25cm with 3% pyrrhotite and pyrite as at 221.2 and 225.2m, trace to 1-2% disseminated pyrite locally, unit is calcite rich below 224.5m, lower contact is gradational.	39406	214.50	216.00	1.50	0.02
			39407	216.00	217.50	1.50	0.01
			39408	217.50	219.00	1.50	0.01
			39409	219.00	220.50	1.50	0.01
			39410	220.50	222.00	1.50	0.01
			39411	222.00	223.50	1.50	0.04
			39412	223.50	225.00	1.50	0.01
			39413	225.00	226.50	1.50	0.02
227.5	244.3	(1a,tc/chl) ULTRAMAFIC	39414	226.50	228.00	1.50	0.01
		Blackish grey foliated talc/chlorite as previously described, 25cm quartz/calcite vein at 239.1m, narrow gouge interval at 240.1m, trace pyrite, lower contact sharp at 45 deg TCA.					
244.3	246.7	(2a.1.mag) MAFIC VOLCANIC					
		Fine to medium grained, green, massive, locally magnetic, minor quartz/calcite stringers, narrow inclusion of talc/ chlorite at 246.2m, lower contact is gradational, weakly silicification, 1% pyrite locally.					
246.7	249.1	(1a,tc/chl) ULTRAMAFIC					
		Talc/chlorite as above.					
249.1	257.8	(2a.1.mag) MAFIC VOLCANIC					
		Green fine grained massive mafic as described above, 20cm gouge interval at 252.5m.					
257.8	268.3	(1a,tc/chl)					

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DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			Au g/t
				FROM	TO	WIDTH	
		ULTRAMAFIC Talc/chlorite as above. 10% quartz/calcite/ankerite stringers, lower contact at 70 deg TCA.					
268.3	269.6	(2a.1%py) MAFIC VOLCANIC massive mafic volcanic, blackish-green, 1-2% grains of pyrite.					
269.6	283.5	(1a.tc/chl) ULTRAMAFIC Massive talc/chlorite, rare calcite/quartz stringers, inclusions of fine grained pale green mafic volcanic fragments, rare 20cm quartz/ankerite vein at 275.0m, spinofex texture at 274.0m, 1mm leucoxene grains below 281.0m, lower contact at 50 deg TCA..	39415	282.00	283.00	1.00	0.01
283.5	290.4	(2a.1.mag) MAFIC VOLCANIC As previously described, lower contact sharp at 40 deg TCA.	39416 39417	283.00 284.00	284.00 285.00	1.00 1.00	0.01 0.01
290.4	300.0	(1a.tc/chl) ULTRAMAFIC Massive greenish-black talc/chlorite, mottled texture, rare inclusions of mafics? as at 296.7m.					
300.0	307.0	(2a.1.mag) MAFIC VOLCANIC Green massive medium grained rock, locally magnetic, 2% fine disseminated pyrrhotite and pyrite locally, minor quartz/calcite stringers, biotite grains at 305.0m.	39418 39301	300.00 301.00	301.00 302.00	1.00 1.00	0.01 0.01
307.0		EOH					

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HEMLO GOLD MINES INC

DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS TO	WIDTH	Au g/t
DOWN-HOLE SURVEY DATA							
		DEPTH					
		INCLINATION					
		BEARING					
		44.00					
		-47.00					
		150.00					
		94.00					
		-47.00					
		150.00					
		144.00					
		-48.00					
		150.00					
		194.00					
		-47.00					
		150.00					
		307.00					
		-47.00					
		150.00					

HOLE No: CC95-13

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK

HOLE No.: CC95-14

Collar Eastings: 7100.00

Collar Northings: 5150.00

Collar Elevation: 0.00

Grid: Main

Casing left in hole

CORE SIZE:NQ

Collar Inclination: -45.00

Grid Bearing: 150.00

Final Depth: 314.00 metres

Log Completed: 03/05/95

Core Storage: Aunor Minesite, Timmins Ont

DRILLED ON CLAIM:P779859

Logged by: S.M SEAN McCANN

Date: 26/04/95 to 03/05/95

Down-hole Survey: ACID

Contractor: NDS Drilling Ltd, Timmins

DATE DRILLED: APRIL 26-MAY 3, 1995

DATE LOGGED: APRIL 27-MAY 4, 1995

fmc

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS		
					TO	WIDTH	Au g/t
0	64.0	(OVERBURDEN) OVERBURDEN Casing reamed to 71.0m.					
64.0	70.8	(2a,oxid.) OXIDIZED MAFIC VOLCANIC Brown to buff colored, highly oxidized mafic volcanic, rock is very incompetent and blocky with rubble sections common, soft, gouge intervals throughout, core grades into green foliated mafic.					
78.0	87.9	(2a,cal,fol.50) MAFIC VOLCANIC Fine grained, green, foliated at 50 deg TCA, upper interval is blocky, core is oxidized to a depth of 74.5m, pervasive calcite stringers which are white to pink due to hematite, quartz associated with calcite stringers, hematite altered intervals throughout unit up to 10cm, 1-3% disseminated pyrite and chalcopyrite associated with stringers and hematitic zones, lower contact gradational.	39420 39421 39422 39423 39424 39425 39426 39427 39428 39429 39430	72.00 73.00 74.00 75.50 77.00 78.50 80.00 81.50 83.00 84.50 86.00	73.00 74.00 75.50 77.00 78.50 80.00 81.50 83.00 84.50 86.00 87.00	1.00 1.00 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.00	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01
87.9	99.5	(2a,alt,ank,ser,py) ALTERED MAFIC VOLCANIC Fine grained, pale green to grey, foliated at 50 deg TCA, moderate pervasive ankerite in matrix and with quartz/ankerite stringers, local sericite halos which increase near lower contact, minor quartz/ankerite veins up to 10cm as at 99.0m, 2-3% overall pyrite, up to 5% locally over widths of 40cm as at 93.6, pyrite appears as fine disseminated grains and as clusters and stringers, unit is moderately silicified, lower contact sharp-possible fault?	39431 39432 39433 39434 39435 39436 39437 39438 39439	87.00 88.00 89.00 90.50 92.00 93.50 95.00 96.50 98.00	88.00 89.00 90.50 92.00 93.50 95.00 96.50 98.00 99.50	1.00 1.00 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 0.01
99.5	130.5	(5f.1.ank,py) GRAPHITIC SEDIMENTS Fine grained, blackish-grey, well banded at 60 deg TCA	39440 39441 39442	99.50 101.00 102.50	101.00 102.50 104.00	1.50 1.50 1.50	0.01 0.01 0.01

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HEMLO GOLD MINES INC

DIAMOND DRILL LOG

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	Au g/t	
		with local bedding at 5 deg TCA as at 123.5m and folding as at 102.0m. 1.0m of core ground between 101.0 and 104.0m. upper 20cm of unit is predominantly gouge material. minor local ankerite alteration and quartz stringers. 1-3% disseminated pyrite as clusters and fine grains associated with grey ankeritized sections. core is blocky between 124.0-126.0m. rare 20cm quartz/ankerite vein at 117.0m. 5% clustered fine pyrite between 124.3 and 125.0m. lower contact sharp.	39443	104.00	105.50	1.50	0.01
			39444	105.50	107.00	1.50	0.01
			39445	107.00	108.50	1.50	0.01
			39446	108.50	110.00	1.50	0.01
			39447	110.00	111.50	1.50	0.01
			39448	111.50	113.00	1.50	0.01
			39449	113.00	114.50	1.50	0.01
			39450	114.50	116.00	1.50	0.01
			39451	116.00	117.50	1.50	0.01
			39452	117.50	119.00	1.50	0.01
			39453	119.00	120.50	1.50	0.01
			39454	120.50	122.00	1.50	0.01
			39455	122.00	123.50	1.50	0.01
			39456	123.50	125.00	1.50	0.01
			39457	125.00	126.50	1.50	0.01
			39458	126.50	128.00	1.50	0.01
			39459	128.00	129.50	1.50	0.01
130.5	157.5	(5.a.alt.ser,ank) SERICITIZED SEDIMENTS Protolith questionable. fine grained. buff to grey. foliated at 40 deg TCA. strong pervasive buff colored sericite stringers and halos. moderate to strong pervasive ankerite. locally siliceous. minor quartz/ankerite stringers and knots at 137.7m. core is locally deformed/folded as at 147.5m. 1-2% pyrite overall as fine disseminated grains and clusters. alteration gradually decreases and lower contact is arbitrary.	39460	129.50	131.00	1.50	0.01
			39461	131.00	132.50	1.50	0.01
			39462	132.50	134.00	1.50	0.01
			39463	134.00	135.50	1.50	0.01
			39464	135.50	137.00	1.50	0.01
			39465	137.00	138.50	1.50	0.01
			39466	138.50	140.00	1.50	0.01
			39467	140.00	141.50	1.50	0.01
			39468	141.50	143.00	1.50	0.01
			39469	143.00	144.50	1.50	0.01
			39470	144.50	146.00	1.50	0.01
			39471	146.00	147.50	1.50	0.01
			39472	147.50	149.00	1.50	0.01
			39473	149.00	150.50	1.50	0.01
			39474	150.50	152.00	1.50	0.01
			39475	152.00	153.50	1.50	0.01
			39476	153.50	155.00	1.50	0.01
			39477	155.00	156.50	1.50	0.01
157.7	177.3	(5.alt.frag) SEDIMENTS Fine grained. grey. foliated at 50 deg TCA. unit has pervasive light grey clasts up to 5cm with sericite halos. locally siliceous. weak to moderate pervasive ankerite. minor quartz/ankerite knots. 2% fine disseminated pyrite.	39478	156.50	158.00	1.50	0.01
			39479	158.00	159.50	1.50	0.01
			39480	159.50	161.00	1.50	0.01
			39481	161.00	162.50	1.50	0.01
			39482	162.50	164.00	1.50	0.01
			39483	164.00	165.50	1.50	0.01

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HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH	Au g/t
		unit grades into strongly altered sericitized sediments as above.	39484	165.50	167.00	1.50	0.01
			39485	167.00	168.50	1.50	0.01
			39486	168.50	170.00	1.50	0.01
			39487	170.00	171.50	1.50	0.01
			39488	171.50	173.00	1.50	0.01
			39489	173.00	174.50	1.50	0.01
			39490	174.50	176.00	1.50	0.01
177.3	212.5	(5.s.alt.ser.ank) SERICITIZED SEDIMENTS As described between 130.5 and 157.3m. local narrow <10cm grey altered intervals hosting 3-5% fine disseminated pyrite as at 193.8 and 194.7m. 3cm gouge interval at 188.4m. between 202.5 and 204.4m is 20% quartz/ankerite veins up to 15cm with pyrite associated with contacts. alteration gradually decreases.	39491	176.00	177.50	1.50	0.01
			39492	177.50	179.00	1.50	0.01
			39493	179.00	180.50	1.50	0.01
			39494	180.50	182.00	1.50	0.01
			39495	182.00	183.50	1.50	0.01
			39496	183.50	185.00	1.50	0.01
			39497	185.00	186.50	1.50	0.01
			39498	186.50	188.00	1.50	0.02
			39499	188.00	189.50	1.50	0.01
			39500	189.50	191.00	1.50	0.01
			1	191.00	192.50	1.50	0.01
			2	192.50	194.00	1.50	0.01
			3	194.00	195.50	1.50	0.01
			4	195.50	197.00	1.50	0.01
			5	197.00	198.50	1.50	0.01
			6	198.50	200.00	1.50	0.01
			7	200.00	201.50	1.50	0.01
			8	201.50	203.00	1.50	0.01
			9	203.00	204.50	1.50	0.01
			10	204.50	206.00	1.50	0.01
			11	206.00	207.50	1.50	0.01
			12	207.50	209.00	1.50	0.01
			13	209.00	210.50	1.50	0.01
			14	210.50	212.00	1.50	0.01
212.5	243.6	(5.l.ser.ank) SEDIMENTS As described between 157.5 and 177.3m. narrow 4cm band of quartz breccia at 213.5m. well foliated. clasts are generally <3cm. ankeritized and grey. local "grainy" texture. 2% local pyrite. lower contact gradational. 232.5-234.0 - Cherty Interval - Fine grained, dark grey, massive, strongly siliceous. moderate pervasive ankerite. weak sericite. trace pyrite.	15	212.00	213.50	1.50	0.01
			16	213.50	215.00	1.50	0.01
			17	215.00	216.50	1.50	0.01
			18	216.50	218.00	1.50	0.01
			19	218.00	219.50	1.50	0.01
			20	219.50	221.00	1.50	0.01
			21	221.00	222.50	1.50	0.01
			22	222.50	224.00	1.50	0.01
			23	224.00	225.50	1.50	0.01
			24	225.50	227.00	1.50	0.01

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HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH	Au g/t
			25	227.00	228.50	1.50	0.01
			26	228.50	230.00	1.50	0.01
			27	230.00	231.50	1.50	0.01
			28	231.50	233.00	1.50	0.01
			29	233.00	234.50	1.50	0.01
			30	234.50	236.00	1.50	0.01
			31	236.00	237.50	1.50	0.01
			32	237.50	239.00	1.50	0.01
			33	239.00	240.50	1.50	0.01
			34	240.50	242.00	1.50	0.01
			35	242.00	243.50	1.50	0.01
243.6	253.7	(5f.graph.ank) GRAPHITIC SEDIMENTS Black to grey beds at 60 deg TCA, weak pervasive ankerite, minor quartz/ankerite stringers, beds are generally <2cm and are locally folded as at 247.5m, 2% disseminated primary as euhedral grains and clusters, contacts gradational.	36	243.50	245.00	1.50	0.01
253.7	314.0	(5.l.s.ser,ank) SEDIMENTS Fine to medium grained, greyish-green, weak to moderate pervasive ankerite, local sericite halos, unit has local "grainy" texture as at 270.0m, minor quartz/ankerite knots and narrow veins up to 25cm as at 269.0 and 286.5m, 2% pyrite overall, pyrite occurs as very fine disseminated grains and as narrow bands, locally up to 3% pyrite as at 272.1 and 297.1m, below 301.8 m unit is generally greenish with rare sericite halos. 284.2-283.1 - Sericitized Sediments - strong pervasive sericite, yellowish-buff color. 288.4-289.2 - Sericitized Sediments - as above 291.9-292.4 - Altered Porphyry - buff to grey, siliceous, ankeritized, 3% disseminated pyrite, sharp contacts. 297.7-298.5 - Sericitized Sediments - as above.	37	254.00	255.50	1.50	0.01
			38	255.50	257.00	1.50	0.01
			39	257.00	258.50	1.50	0.01
			40	258.50	260.00	1.50	0.01
			41	260.00	261.50	1.50	0.01
			42	261.50	263.00	1.50	0.01
			43	263.00	264.50	1.50	0.01
			44	264.50	266.00	1.50	0.01
			45	266.00	267.50	1.50	0.01
			46	267.50	269.00	1.50	0.01
			47	269.00	270.50	1.50	0.01
			48	270.50	272.00	1.50	0.02
			49	272.00	273.50	1.50	0.01
			50	273.50	275.00	1.50	0.01
			51	275.00	276.50	1.50	0.01
			52	276.50	278.00	1.50	0.01
			53	278.00	279.50	1.50	0.01
314.0	EOH		54	279.50	281.00	1.50	0.01
			55	281.00	282.50	1.50	0.01
			56	282.50	284.00	1.50	0.01
			57	284.00	285.50	1.50	0.01
			58	285.50	287.00	1.50	0.01
			59	287.00	288.50	1.50	0.01

HOLE No: CC95-14

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: CC95-14

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			Au g/t
				FROM	TO	WIDTH	
			60	288.50	290.00	1.50	0.01
			61	290.00	291.50	1.50	0.01
			62	291.50	293.00	1.50	0.01
			63	293.00	294.50	1.50	0.01
			64	294.50	296.00	1.50	0.01
			65	296.00	297.50	1.50	0.01
			66	297.50	299.00	1.50	0.01
			67	299.00	300.50	1.50	0.01
			68	300.50	302.00	1.50	0.01
			69	302.00	303.50	1.50	0.01
			70	303.50	305.00	1.50	0.01
			71	305.00	306.50	1.50	0.01
			72	306.50	308.00	1.50	0.01
			73	308.00	309.50	1.50	0.01
			74	309.50	311.00	1.50	0.01

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
74.00	-45.00	150.00
123.00	-45.00	150.00
173.00	-44.00	150.00
223.00	-44.00	150.00
273.00	-44.00	150.00
314.00	-44.00	150.00

HOLE No: CC95-14

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK

HOLE No.: CC95-15

Collar Eastings: 8100.00

Collar Northings: 7095.00

Collar Elevation: 0.00

Grid: Main

Casing left in hole

CORE SIZE: NQ

Collar Inclination: -50.00

Grid Bearing: 150.00

Final Depth: 344.00 metres

Log Completed: 09/05/95

Core Storage: Aunor Minesite, Timmins Ont

DRILLED ON CLAIM: P699707

Logged by: S.M SEAN McCANN

Date: 04/05/95 to 09/05/95

Down-hole Survey: ACID

Contractor: NDS Drilling Ltd, Timmins

DATE DRILLED: MAY 4-9, 1995

DATE LOGGED: MAY 5-10, 1995

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS			
					To	WIDTH	AN g/t	
0	29.0	(OVERBURDEN) OVERBURDEN Casing reamed to 31.0m.						
29.0	47.2	(2a.l.fol.60) MAFIC VOLCANIC Fine grained, pale greenish-grey, 5% quartz/calcite stringers, local foliation at 60 deg TCA, weak pervasive ankerite, local epidote as at 42.2m, core is very blocky with narrow gouge sections between 31.5 and 40.0m, lathes of calcite occur where unit is a dark grey color between 46.0 and 47.0m, nil sulfides.						
47.2	95.8	(1a.tc/chl.serp) ULTRAMAFIC Fine grained, dark green to black, generally massive talc/chlorite rock, local foliation at 60 deg TCA as at 65.0m, 5% quartz/calcite stringers and knots, weakly ankeritized, magnetic, stringers of serpentine common as at 47.6 and 67.1m, weakly silicified, chlorite stringers throughout unit at random orientations, nil sulfides, blocky zone between 61.2 and 62.6m, lower contact sharp at 60 deg TCA.						
95.8	318.9	(2a/b.l.alt.py.po) MAFIC VOLCANICS Fine to medium grained, pale green, generally massive Mg-theolite, non-magnetic, minor quartz/calcite stringers and rare 30cm quartz vein at 109.8m hosting 2% chalcopyrite and pyrrhotite at contacts. Between 106.5 and 109.6 includes 20% altered sections up to 30cm which are well foliated, siliceous and host 10% pyrrhotite and pyrite along foliation planes. Unit hosts pervasive calcite filled amygdules between 116.0 and 118.5m, distinct pillow selvages are evident between 119.3-122.0 and 136.0-143.6m, below 124.6m unit has a mottled texture with local epidotized intervals hosting 1% disseminated pyrite, rare serpentine stringer at 126.0m, below 155.0m unit is massive medium grained leucoxene flows.	75	105.50	106.50	1.00	0.01	
			76	106.50	108.00	1.50	0.01	
			77	108.00	109.60	1.60	0.01	
			78	109.60	110.60	1.00	0.01	
			79	110.60	111.60	1.00	0.01	
			80	131.00	132.00	1.00	0.01	
			81	151.00	152.00	1.00	0.01	
			82	152.00	153.50	1.50	0.01	
			83	153.50	155.00	1.50	0.01	
			84	155.00	156.00	1.00	0.01	
			85	156.00	157.00	1.00	0.01	
			86	215.00	216.50	1.50	0.01	
			87	216.50	218.00	1.50	0.01	
			88	218.00	219.20	1.20	0.01	

HOLE No: CC95-15

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: CC95-15

Page 2

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS			
				FROM	TO	WIDTH	Au g/t
		148.0-152.0 - unit is possible flow breccia with fragments supported by chloritic matrix.	89	219.20	220.70	1.50	0.01
			90	220.70	222.20	1.50	0.01
		152.2-155.3 - altered mafic, dark grey to black aphanitic unit, siliceous, fractured, inclusions of unaltered mafic volcanic, 3% pyrrhotite and pyrite.	91	222.20	223.50	1.30	0.01
			92	227.00	228.50	1.50	0.01
		190.4-192.3 - foliated mafic volcanic with 10% quartz/calcite stringers.	93	244.50	245.50	1.00	0.01
			94	245.50	246.50	1.00	0.01
		206.3-210.5 - flow breccia, pale green fragments up to 7cm, generally coalescing, sharp contacts.	95	246.50	247.50	1.00	0.01
			96	254.50	255.50	1.00	0.01
		215.1-217.8 - altered mafic, greyish-black, aphanitic, well foliated at 65 deg TCA, locally siliceous, 10% quartz stringers.	97	270.50	271.50	1.00	0.01
			98	292.70	293.70	1.00	0.01
		218.8-219.2 - altered mafic as above, salmon pink potassic alteration associated with carbonate stringers.	99	301.50	303.00	1.50	0.01
			100	303.00	304.50	1.50	0.01
		220.7-222.6 - as above.	101	304.50	305.50	1.00	0.01
		222.9-224.0 - mafic volcanic, blocky core, local potassic alteration.	102	312.00	313.00	1.00	0.01
		224.0-227.0 - well foliated interval at 60 deg TCA, local buff sericite as at 225.7m.	103	315.50	317.00	1.50	0.01
		227.0-228.2 - massive mottled mafic with 50% quartz/ankerite veins.					
		228.2-245.7 - foliated mafic, minor quartz/calcite stringers, 20cm quartz vein at 244.8m.					
		245.7-252.2 - massive pale green mafic, lower contact gradational with possible flow breccia?					
		252.2-253.8 - foliated mafic, quartz/calcite stringers common.					
		253.8-287.7 - generally massive mafic, minor quartz/calcite stringers and veins, locally foliated and magnetic, weak to moderate pervasive ankerite, chlorite filled amygdules common as at 266.4 and 280.4m.					
		287.8-291.6 - possible flow breccia interval, mafic fragments with chlorite rims within calcite/quartz matrix.					
		291.6-296.1 - generally massive mafics.					
		296.1-318.9 - flow breccia interval, minor narrow <1.0m inclusions of massive mafic volcanic, moderate pervasive ankerite, locally siliceous and foliated, <1% local pyrite and rare chalcopyrite, grey bands and wisps of graphite as at 301.7m, minor quartz/calcite veins and stringers, lower contact sharp at 55 deg TCA.					
318.9	344.0	(1a.tc/chl.cal.mag) ULTRAMAFIC					

HOLE No: CC95-15

HEMLO GOLD MINES INC

DIAMOND DRILL LOG

PROPERTY: CRIPPLE CREEK
HOLE No.: CC95-15

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FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	ASSAYS		
					TO	WIDTH	Au g/t
344.0	EOH	Dark green to black magnetic talc/chlorite, weakly silicified, 5-10% quartz/calcite/ankerite stringers, fine grained, chlorite stringers common, local mottled texture, below 341.0m unit is brecciated with rounded grey ultramafic fragments supported in a chloritic matrix.					

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
35.00	-49.00	150.00
85.00	-49.00	150.00
135.00	-49.00	150.00
185.00	-49.00	150.00
235.00	-50.00	150.00
285.00	-50.00	150.00
344.00	-49.00	150.00

HOLE No: CC95-15



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Assay Certificate

5W-1003-RA1

Company: HEMLO GOLD MINES (INC) (EKT)
Project: 696 EXPL
Attn: R. Dahn

Date: APR-07-95

We hereby certify the following Assay of 17 Core samples submitted APR-06-95 by G. Giles.

Sample Number	HEMLO GOLD MINES (INC)	
	Au g/tonne	Au check g/tonne
38801	0.01	-
38802	0.01	-
38803	0.01	0.01
38804	0.01	-
38805	0.01	-
38806	0.01	-
38807	0.01	-
38808	0.01	-
38809	0.49	-
38810	1.02	1.18
38811	0.59	-
38812	0.01	-
38813	0.01	-
38814	0.01	-
38815	0.43	0.49
38816	0.15	-
38817	0.02	-

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5W-1018-RA1

Date: APR-11-95

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: 696 EXPL
Attn: R. Dahn

We hereby certify the following Assay of 15 Core samples
submitted APR-07-95 by D. Giles.

Sample Number	Au g/tonne	Au Check g/tonne
38818	0.01	0.01
38819	0.01	-
38820	0.06	-
38821	0.01	0.01
38822	0.01	-
38823	0.02	-
38824	0.10	-
38825	0.12	0.12
38826	0.01	-
38827	0.01	-
38828	0.01	-
38829	0.01	-
38830	0.02	-
38831	0.03	-
38832	0.01	-

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5W-1050-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **HEMLO GOLD MINES INC.**
696 EXPT
TIMMINS, ONT.
Attn: **R. Dahn**

Date: APR-12-95

We hereby certify the following Assay of 8 Core samples
submitted APR-10-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
38833	0.01	-
38834	0.06	0.08
38835	0.07	0.09
38836	0.01	-
38837	0.01	-
38838	0.01	-
38839	0.01	-
38840	0.01	-

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5W-1112-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn:

Date: APR-18-95

We hereby certify the following Assay of 2 Core samples
submitted APR-13-95 by .

Sample Number	Au g / tonne
38841	0.01
38842	0.01

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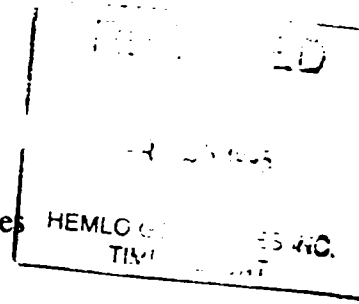
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Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**



5W-1126-RA1

Date: **APR-19-95**

We hereby certify the following Assay of 16 Core samples submitted APR-17-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
38843	0.01	-
38844	0.01	-
38845	0.01	-
38846	0.01	-
38847	0.01	0.01
38848	0.01	-
38849	0.01	-
38850	0.01	-
38851	0.01	-
38852	0.01	-
38853	0.01	-
38854	0.01	-
38855	0.01	-
38856	0.03	0.03
38857	0.02	0.02
38858	0.01	-

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5W-1160-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

Date: **APR-21-95**

We hereby certify the following Assay of 6 Core samples
submitted APR-19-95 by D. Giles.

Sample Number	Au g/tonne	Au Check g/tonne
38859	0.01	-
38860	0.01	-
38861	0.01	-
38862	0.04	0.03
38863	0.02	0.02
38864	0.01	-

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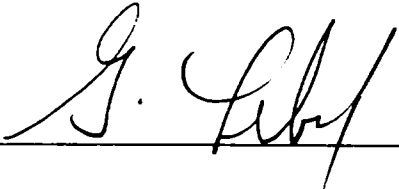
5W-1194-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

Date: APR-25-95

We hereby certify the following Assay of 70 Core samples submitted APR-23-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
38895	0.01	0.01
38896	0.01	-
38897	0.01	-
38898	0.01	-
38899	0.01	-
38900	0.01	-
38901	0.01	-
38902	0.01	-
38903	0.01	-
38904	0.01	0.01
38905	0.01	-
38906	0.01	-
38907	0.01	-
38908	0.01	-
38909	0.01	-
38910	0.01	-
38911	0.01	-
38912	0.01	-
38913	0.01	-
38914	0.01	-
38915	0.01	-
38916	0.01	-
38917	0.01	-
38918	0.01	-
38919	0.01	0.01
38920	0.01	-
38921	0.01	-
38922	0.01	-
38923	0.01	-
38924	0.01	-

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5W-1194-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

Date: APR-25-95

We hereby certify the following Assay of 70 Core samples submitted APR-23-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
38925	0.01	-
38926	0.01	-
38927	0.01	-
38928	0.01	-
38929	0.01	-
38930	0.01	-
38931	0.01	-
38932	0.01	-
38933	0.01	-
38934	0.01	0.01

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5W-1195-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

Date: APR-25-95

We hereby certify the following Assay of 43 Core samples submitted APR-23-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
38935	0.01	0.01
38936	0.01	-
38937	0.01	-
38938	0.01	-
38939	0.01	-
38940	0.01	-
38941	0.01	-
38942	0.27	0.25
38943	0.02	-
38944	0.01	-
38945	0.01	-
38946	0.01	-
38947	0.01	-
38948	0.01	-
38949	0.01	-
38950	0.01	-
38951	0.01	0.01
38952	0.01	-
38953	0.01	-
38954	0.01	-
38955	0.01	-
38956	0.01	-
38957	0.01	-
38958	0.01	-
38959	0.01	0.01
38960	0.01	-
38961	0.01	-
38962	0.01	-
38963	0.01	-
38964	0.01	-

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5W-1195-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

Date: APR-25-95

We hereby certify the following Assay of 43 Core samples
submitted APR-23-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
38965	0.01	0.01
38966	0.01	-
38967	0.01	-
38968	0.01	-
38969	0.01	0.01
38970	0.01	-
38971	0.01	-
38972	0.01	-
38973	0.01	-
38974	0.01	-
38975	0.01	-
38976	0.01	-
38977	0.01	-

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5W-2012-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

Date: APR-26-95

We hereby certify the following Assay of 87 Core samples submitted APR-24-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
38978	0.01	-
38979	0.01	-
38980	0.06	0.05
38981	0.01	-
38982	0.01	-
38983	0.01	-
38984	0.01	-
38985	0.01	-
38986	0.01	0.01
38987	0.01	-
38988	0.01	-
38989	0.01	-
38990	0.01	-
38991	0.01	-
38992	0.01	-
38993	0.09	0.07
38994	0.01	-
38995	0.01	-
38996	0.11	-
38997	0.01	-
38998	0.01	-
38999	0.01	-
39000	0.01	-
39301	0.01	-
39302	0.01	0.01
39303	0.01	-
39304	0.01	-
39305	0.01	-
39306	0.01	-
39307	0.01	-

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5W-2012-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

Date: APR-26-95

We hereby certify the following Assay of 87 Core samples submitted APR-24-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
39308	0.01	-
39309	0.01	-
39310	0.01	0.01
39311	0.01	-
39312	0.01	-
39313	0.01	-
39314	0.04	0.04
39315	0.01	-
39316	0.01	-
39317	0.01	-
39318	0.01	-
39319	0.01	-
39320	0.01	-
39321	0.01	-
39322	0.01	-
39323	0.01	0.01
39324	0.01	-
39325	0.01	-
39326	0.01	-
39327	0.01	-
39328	0.01	-
39329	0.02	-
39330	0.01	-
39331	0.01	-
39332	0.02	-
39333	0.03	-
39334	0.01	-
39335	0.01	-
39336	0.02	0.02
39337	0.01	-

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5W-2012-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

Date: APR-26-95

We hereby certify the following Assay of 87 Core samples submitted APR-24-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
39338	0.01	-
39339	0.01	-
39340	0.01	-
39341	0.01	-
39342	0.01	0.01
39343	0.01	-
39344	0.01	-
39345	0.01	-
39346	0.01	-
39347	0.02	-
39348	0.01	-
39349	0.01	-
39350	0.01	-
39351	0.01	-
39352	0.01	-
39353	0.01	-
39354	0.01	0.01
39355	0.01	-
39356	0.01	-
39357	0.01	-
39358	0.01	-
39359	0.01	-
39360	0.01	-
39361	0.01	-
39362	0.01	0.01
39363	0.01	-
39364	0.01	-

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Assay Certificate

5W-2021-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

Date: APR-26-95

We hereby certify the following Assay of 21 Core samples submitted APR-25-95 by D. Giles.

Sample Number	Au g/tonne	Au Check g/tonne
39365	0.07	0.06
39366	0.01	-
39367	0.01	-
39368	0.03	-
39369	0.01	-
39370	0.01	-
39371	2.33	2.61
39372	0.01	-
39373	0.01	-
39374	0.01	-
39375	0.02	-
39376	0.01	-
39377	0.01	0.01
39378	0.01	-
39379	0.01	-
39380	0.02	-
39381	0.01	-
39382	0.01	-
39383	0.01	-
39384	0.01	-
39385	0.01	0.02

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Assay Certificate

5W-2040-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

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Date: APR-27-95

We hereby certify the following Assay of 25 Core samples
submitted APR-26-95 by .

HEMLO GOLD MINES INC
TIMMING, ONT

Sample Number	Au g/tonne	Au Check g/tonne
39386	0.01	-
39387	0.01	-
39388	0.01	-
39389	0.01	-
39390	0.02	-
39391	0.01	-
39392	0.03	-
39393	0.01	0.01
39394	0.01	-
39395	0.01	-
39396	0.01	-
39397	0.01	-
39398	0.01	-
39399	0.02	-
39400	0.01	-
39401	0.01	-
39402	0.01	0.01
39403	0.01	-
39404	0.01	-
39405	0.01	-
39406	0.02	0.02
39407	0.01	-
39408	0.01	-
39409	0.01	-
39410	0.01	-

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Assay Certificate

5W-2057-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

Date: **APR-28-95**

We hereby certify the following Assay of 9 Core samples
submitted APR-27-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
39411	0.04	0.03
39412	0.01	-
39413	0.02	-
39414	0.01	-
39415	0.01	-
39416	0.01	-
39417	0.01	-
39418	0.01	0.01
39419	0.01	-

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5W-2075-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

Date: **MAY-02-95**

We hereby certify the following Assay of 25 Core samples submitted APR-30-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
39420	0.01	-
39421	0.01	-
39422	0.01	-
39423	0.01	-
39424	0.01	0.01
39425	0.01	-
39426	0.01	-
39427	0.01	-
39428	0.01	-
39429	0.01	-
39430	0.01	-
39431	0.01	-
39432	0.01	-
39433	0.01	-
39434	0.01	-
39435	0.01	-
39436	0.01	-
39437	0.01	-
39438	0.01	-
39439	0.01	-
39440	0.01	-
39441	0.01	0.01
39442	0.01	-
39443	0.01	-
39444	0.01	-

Certified by



Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Assay Certificate

5W-2117-RA3

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

Date: **MAY-04-95**

We hereby certify the following Assay of 24 Core samples
submitted MAY-02-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
39445	0.01	-
39446	0.01	-
39447	0.01	-
39448	0.01	-
39449	0.01	-
39450	0.01	-
39451	0.01	-
39452	0.01	-
39453	0.01	-
39454	0.01	-
39455	0.01	-
39456	0.01	-
39457	0.01	-
39458	0.01	0.01
39459	0.01	-
39460	0.01	-
39461	0.01	-
39462	0.01	-
39463	0.01	-
39464	0.01	-
39465	0.01	-
39466	0.01	-
39467	0.01	0.01
39468	0.01	-

Certified by

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300



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Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Assay Certificate

5W-2144-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

Date: **MAY-05-95**

We hereby certify the following Assay of 27 Core samples submitted MAY-03-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
39469	0.01	0.01
39470	0.01	-
39471	0.01	-
39472	0.01	-
39473	0.01	-
39474	0.01	-
39475	0.01	-
39476	0.01	-
39477	0.01	-
39478	0.01	-
39479	0.01	-
39480	0.01	0.01
39481	0.01	-
39482	0.01	-
39483	0.01	-
39484	0.01	-
39485	0.01	0.01
39486	0.01	-
39487	0.01	-
39488	0.01	-
39489	0.01	0.01
39490	0.01	-
39491	0.01	-
39492	0.01	-
39493	0.01	-
39494	0.01	-
39495	0.01	-

Certified by

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300



Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 1 of 2

Assay Certificate

5W-2158-RA1

Company: HEMLO GOLD MINES INC (EXPL)
Project: 696 EXPL
Attn: R. Dahn

Date: MAY-08-95

We hereby certify the following Assay of 38 Core samples submitted MAY-04-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
39496	0.01	-
39497	0.01	-
39498	0.02	0.02
39499	0.01	-
39500	0.01	-
0001	0.01	-
0002	0.01	-
0003	0.01	-
0004	0.01	-
0005	0.01	-
0006	0.01	-
0007	0.01	-
0008	0.01	-
0009	0.01	-
0010	0.01	-
0011	0.01	-
0012	0.01	0.01
0013	0.01	-
0014	0.01	-
0015	0.01	-
0016	0.01	-
0017	0.01	-
0018	0.01	-
0019	0.01	0.01
0020	0.01	-
0021	0.01	-
0022	0.01	-
0023	0.01	-
0024	0.01	-
0025	0.01	-

Certified by



Established 1928

Swastika Laboratories

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Assaying - Consulting - Representation

Page 2 of 2

Assay Certificate

5W-2158-RA1

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

Date: **MAY-08-95**

We hereby certify the following Assay of 38 Core samples
submitted MAY-04-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
0026	0.01	-
0027	0.01	-
0028	0.01	-
0029	0.01	-
0030	0.01	-
0031	0.01	-
0032	0.01	0.01
0033	0.01	-

Certified by _____



Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 1 of 2

5W-2176-RA1

Date: MAY-09-95

Assay Certificate

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**



We hereby certify the following Assay of 41 Core samples submitted MAY-07-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
0034	0.01	-
0035	0.01	-
0036	0.01	0.01
0037	0.01	-
0038	0.01	-
0039	0.01	-
0040	0.01	-
0041	0.01	-
0042	0.01	-
0043	0.01	-
0044	0.01	-
0045	0.01	0.01
0046	0.01	-
0047	0.01	-
0048	0.02	-
0049	0.01	-
0050	0.01	-
0051	0.01	-
0052	0.01	-
0053	0.01	-
0054	0.01	-
0055	0.01	-
0056	0.01	-
0057	0.01	0.01
0058	0.01	-
0059	0.01	-
0060	0.01	-
0061	0.01	-
0062	0.01	0.01
0063	0.01	-

Certified by



Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 2 of 2

Assay Certificate

5W-2176-RA1

Company: HEMLO GOLD MINES INC (EXPL)
Project: 696 EXPL
Attn: R. Dahn

Date: MAY-09-95

We hereby certify the following Assay of 41 Core samples
submitted MAY-07-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
0064	0.01	-
0065	0.01	-
0066	0.01	-
0067	0.01	-
0068	0.01	-
0069	0.01	-
0070	0.01	-
0071	0.01	-
0072	0.01	-
0073	0.01	-
0074	0.01	0.01

Certified by



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Assaying - Consulting - Representation

Assay Certificate

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

RECEIVED

MAY 11 1995

HEMLO GOLD MINES INC.
TIMMINS, ONT.

5W-2195-RA1

Date: **MAY-09-95**

We hereby certify the following Assay of 15 Core samples submitted MAY-08-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
0075	0.01	-
0076	0.01	0.01
0077	0.01	-
0078	0.01	-
0079	0.01	-
0080	0.01	-
0081	0.01	-
0082	0.01	0.01
0083	0.01	-
0084	0.01	-
0085	0.01	-
0086	0.01	-
0087	0.01	-
0088	0.01	-
0089	0.01	-

Certified by

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300



Established 1928

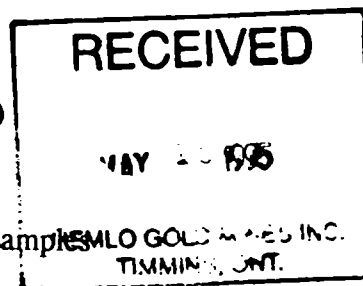
Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Assay Certificate

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**



5W-2210-RA1

Date: **MAY-10-95**

We hereby certify the following Assay of 9 Core samples submitted MAY-09-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
0090	0.01	0.01
0091	0.01	-
0092	0.01	-
0093	0.01	-
0094	0.01	-
0095	0.01	-
0096	0.01	-
0097	0.01	0.01
0098	0.01	-

Certified by



Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

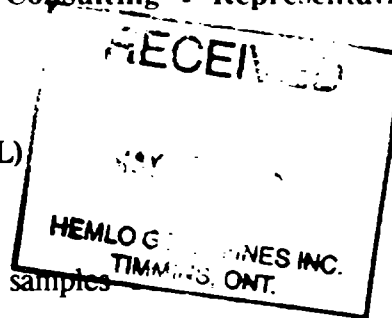
Assaying - Consulting - Representation

Assay Certificate

Company: **HEMLO GOLD MINES INC (EXPL)**
Project: **696 EXPL**
Attn: **R. Dahn**

5W-2229-RA1

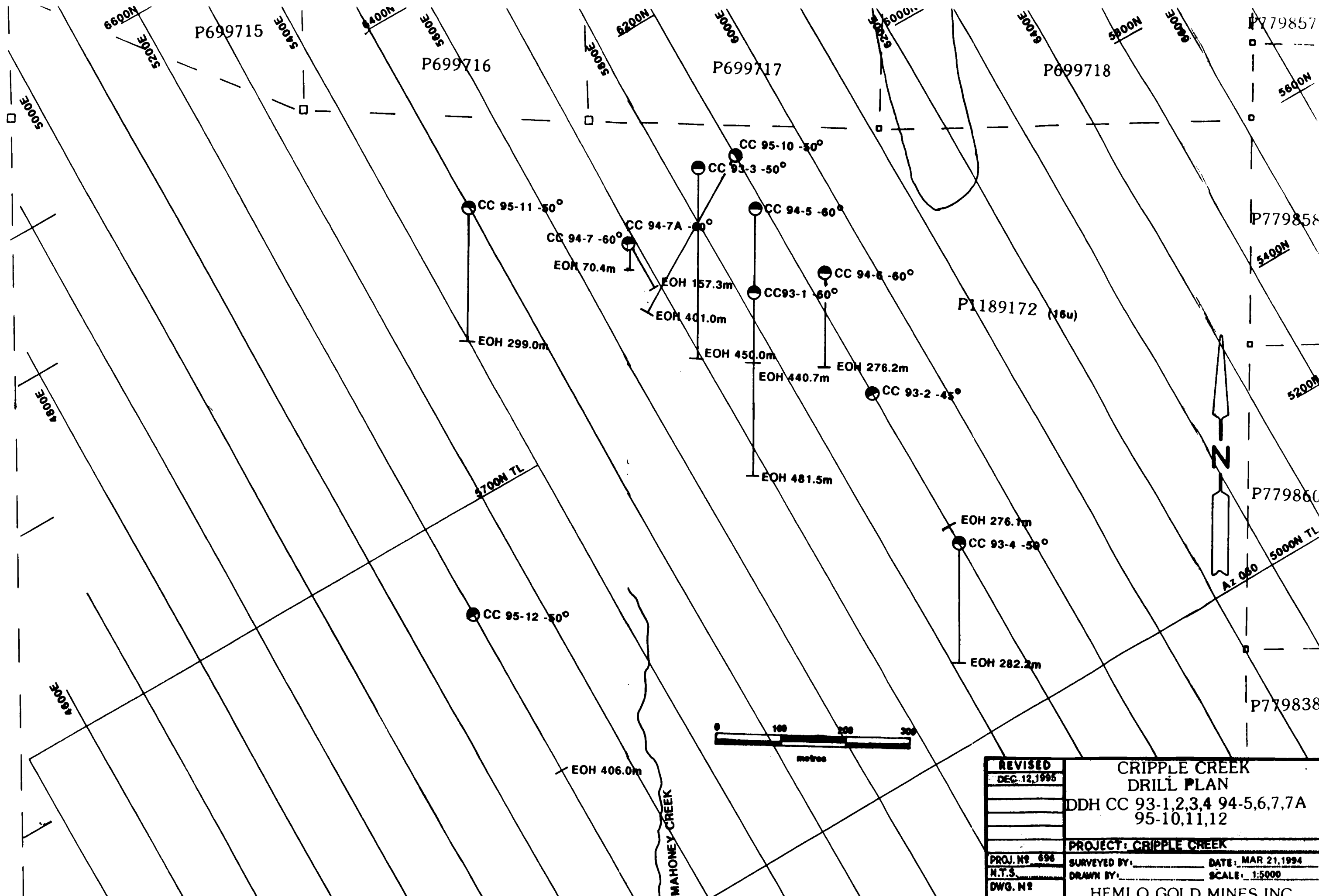
Date: **MAY-11-95**



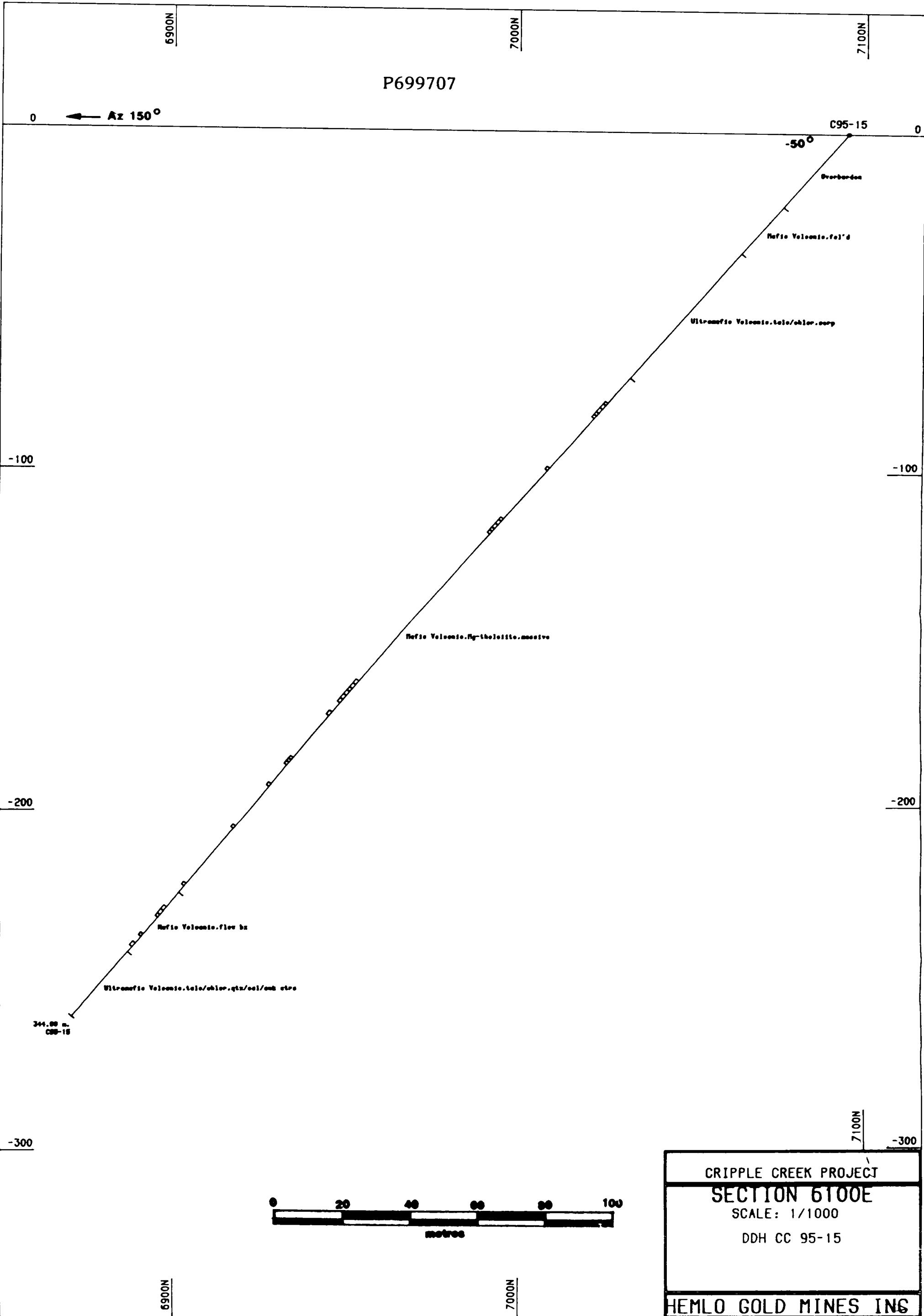
We hereby certify the following Assay of 5 Core samples submitted MAY-10-95 by .

Sample Number	Au g/tonne	Au Check g/tonne
099	0.01	-
100	0.01	-
101	0.01	0.01
102	0.01	-
103	0.01	-

Certified by



REVISED DEC. 12, 1995	CRIPPLE CREEK DRILL PLAN	
	DDH CC 93-1,2,3,4 94-5,6,7,7A 95-10,11,12	
	PROJECT: CRIPPLE CREEK	
PROJ. NO. 858	SURVEYED BY: _____	DATE: MAR 21, 1994
N.T.S.	DRAWN BY: _____	SCALE: 1:5000
DWG. NO.	HEMLO GOLD MINES INC.	



5000N

5100N

P779859

0 ← Az 150°

C95-14

-45°

Overburden

Hefia Volcanic.fol'd

Hefia Volcanic.con/ser alt.n.33py

Graphitic Sediments.lss con

Sediments.con/alt' n

Sediments.con alt.n

Sediments.con/alt' n

Sediments.con alt.n

Graphitic Sediments.lss con

Sediments.con/alt' n

314.00 m.
C95-14

-100

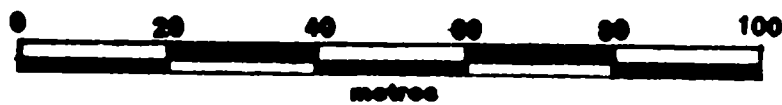
-100

-200

-200

-300

-300



5000N

5100N

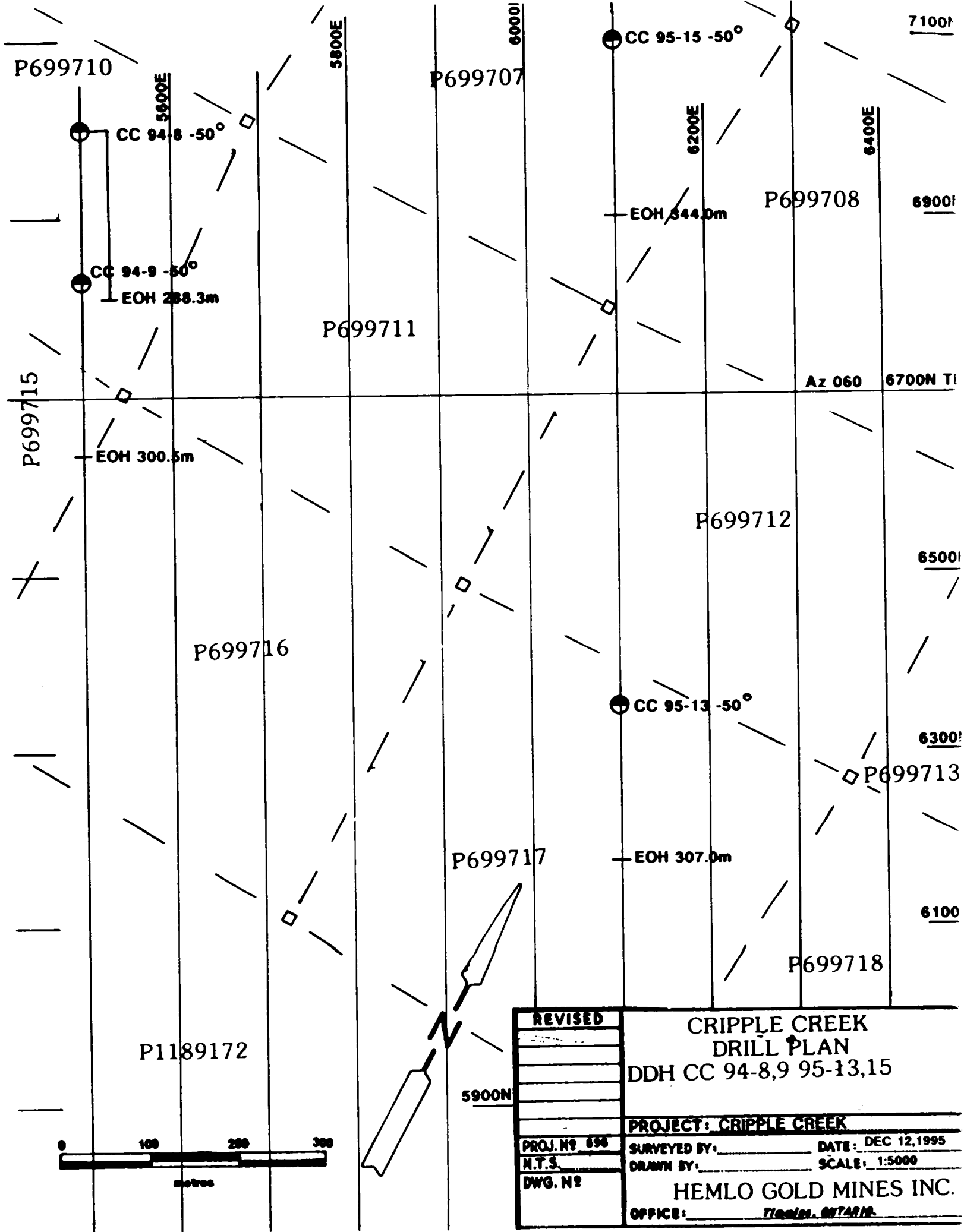
CRIPPLE CREEK PROJECT

SECTION 7100E

SCALE: 1/1000

DDH CC 95-14

HEMLO GOLD MINES INC



REVISED	CRIPPLE CREEK DRILL PLAN	
	DDH CC 94-8,9 95-13,15	
	PROJECT: CRIPPLE CREEK	
PROJ. NO. 698	SURVEYED BY:	DATE: DEC 12, 1995
N.T.S.	DRAWN BY:	SCALE: 1:5000
DWG. NO.	HEMLO GOLD MINES INC.	
	OFFICE: <i>Timber, 897412</i>	

5300N

5400N

5500N

P1189172

0 ← Az 150°

C95-12

-50°

Overburden

Ultramafic Volcanic.talc/chlor

Mafic Volcanic.massive.bio/chlor

Ultramafic Volcanic.talc/chlor

Mafic Volcanic.fol'd.sil.32py

Quartz Feldspar Porphyry.gray.sil.22py

Mafic Volcanic.why fol'd.lee sil.22py

Mafic Volcanic.fragmental.deformed elongated frags

Mafic Volcanic.massiv.

Mafic Volcanic.fol'd.sil/ank sil'n.py

Mafic Volcanic.fol'd/massive

Mafic Volcanic.sil/ser sil'n.22py

Mafic Volcanic.flow bx.lee sil.22py

Mafic Volcanic.fol'd.sil/ser/ank sil'n.22py

Mafic Volcanic.fol'd.qtz/cal strigose.12py

Mafic Volcanic.ser/ank sil'n.22py

Mafic Volcanic.Ng-tholeiite.massive

Mafic Volcanic.sil/ank sil'n.22py

Mafic Volcanic.massive

Ultramafic Volcanic.basaltic komatiite.ank/ser sil

Basalts/Amphibole.sil

405.00 m.
C95-12

-100

-100

-200

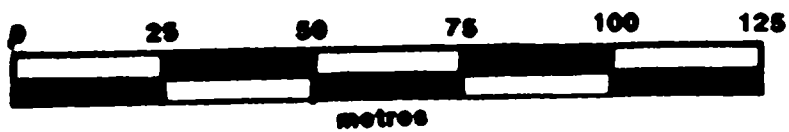
-200

-300

-300

-400

-400



5500N

CRIPPLE CREEK PROJECT

SECTION 5200E

SCALE: 1/1250

DDH CC 95-12

HEMLO GOLD MINES INC

5300N

5400N

5700N

5800N

5900N

P1189172

0 ← Az 210°

C95-10

-50°

Overburden

Ultramafic Volcanic.talc/chlor comp sil's

Mafic Volcanic.massive,ophenitic
Ultramafic Volcanic.talc/chlor comp sil's
Mafic Volcanic.massive,ophenitic

Ultramafic Volcanic.talc/chlor,spinelifer

Mafic Volcanic.massive,ophenitic
Ultramafic Volcanic.talc/chlor,spinelifer

Mafic Volcanic.massive,oolitic,sil'd

Ultramafic Volcanic.talc/chlor,spinelifer

Mafic Volcanic.massive,oolitic,sil'd

Ultramafic Volcanic.talc/chlor

Mafic Volcanic.massive,uh sil'd

Ultramafic Volcanic.talc/chlor

Mafic Volcanic.massive,uh sil'd

Ultramafic Volcanic.talc/chlor,omh

Mafic Volcanic.massive,sil/omh sil's,30py

Ultramafic Volcanic.basaltic hornitic

Mafic Volcanic.sil,blanchad,3-50py

Ultramafic Volcanic.talc/chlor,omh

Mafic Volcanic.massive,sil,hom,3-50py

Ultramafic Volcanic.basaltic hornitic,spinelifer

Mafic Volcanic.sil,mag,qtz/omh veins,30py

Ultramafic Volcanic.basaltic hornitic,omh

Mafic Volcanic.sil/omh sil's,qtz/omh veins,30py

Ultramafic Volcanic.basaltic hornitic,spinelifer

Ultramafic Volcanic.talc/chlor

C95-10

-100

-100

-200

-200

-300

-300

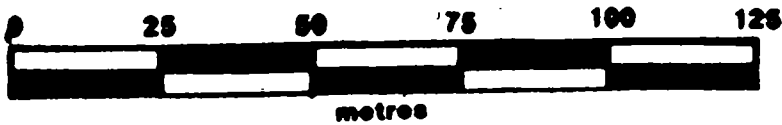
-400

-400

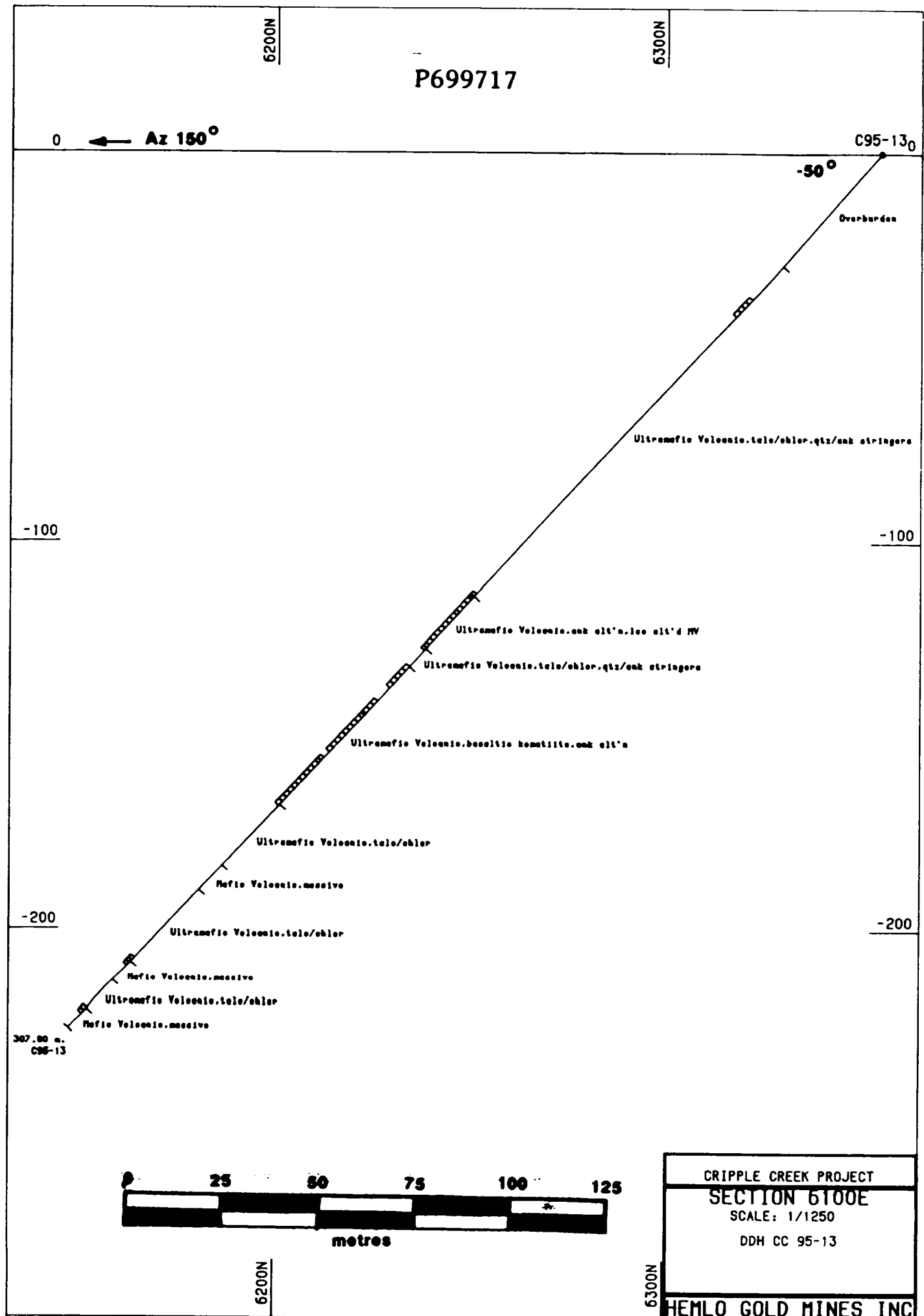
5700N

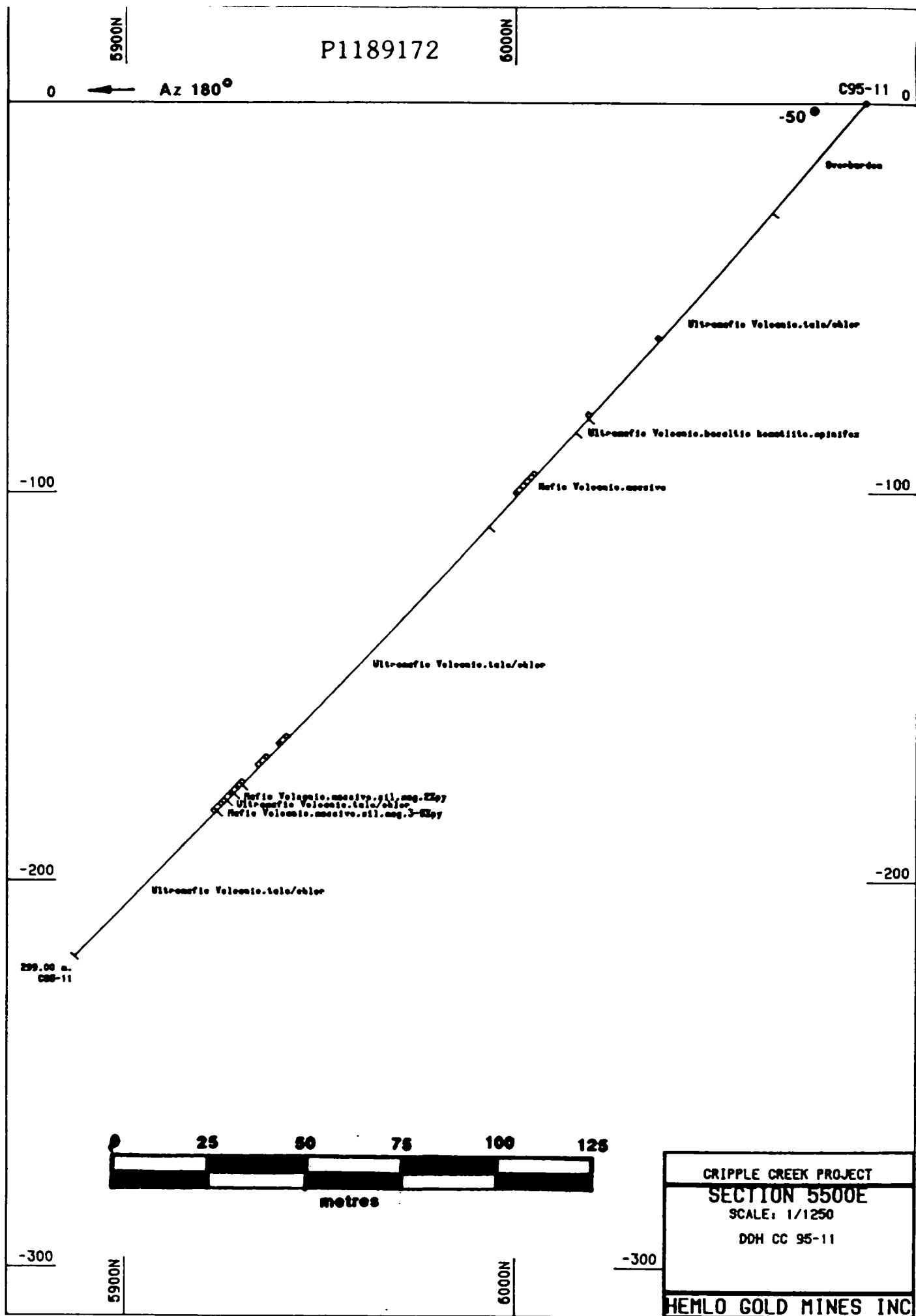
5800N

5900N



CRIPPLE CREEK PROJECT
SECTION 5900E
SCALE: 1/1250
DDH CC 95-10
HEMLO GOLD MINES INC





Personal information collected on this form is obtained under the authority of the Mining Act. This collection should be directed to the Provincial Manager, Mining Lands, Mines Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.



42A05SE0013 W9660-00057 DENTON

900

- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) Hemlo Gold Mines Inc	Client No. 143550
Address PO Box 1205, 60 Shirley St. South, Timmins, Ont. P4N 7J5	Telephone No. (705) 264-3324
Mining Division Porcupine	Township/Area Denton
M or G Plan No. 6-3224	
Date Work Performed From: March 29, 1995	To: May 17, 1995

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	
Physical Work, Including Drilling	Diamond Drilling - DDH CC 95-10,11,12,13,14,15 2071.0 m
Rehabilitation	
Other Authorized Work	
Assays	Au Assays, 503 core samples
Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ 137,755.00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
NOS Drilling	Po Box 2180, Timmins, Ont. P4N 7X8
Suwastika Laboratories	Po Box 10, Suwastika, Ont. RECORDED FOR ITO
	JAN 31 1996
	Receipt

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

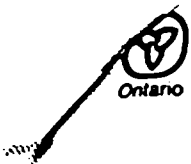
I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date Jan 30, 1996	Recorded Holder or Agent (Signature) <i>[Signature]</i>
--	----------------------	--

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying Robert Galhoun 90 Po Box 1205, 60 Shirley St. South, Timmins, Ont. P4N 7J5		
Telephone No. (705) 268-9600	Date Jan 30, 1996	Certified By (Signature) <i>[Signature]</i>

For Office Use Only

Total Value Cr. Recorded 137,755	Date Recorded JAN 31/96	Mining Recorder	
	Deemed Approval Date APRIL 30/96	Date Approved APRIL 30/96	
	Date Notice for Amendments Sent		



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des mines

Statement of Costs
for Assessment Credit

État des coûts aux fins
du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction

W9660.00057

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	20,254.00	
	Field Supervision Supervision sur le terrain		20,254.00
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type Diamond Drilling	111,570.00	
	Assaying	4401.00	
			115,971.00
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			136,225.00

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total globe
Transportation Transport	Type Rental Truck & gas	1530.00	
			1530.00
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			1530.00
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			1530.00
Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs)			137755.

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note: Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	x 0.50 =

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Evaluation totale demandée
	x 0,50 =

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Lands Manager I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature	Date
	Jan 30, 1996



Report of Work Conducted After Recording Claim

Mining Act

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7284.

- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) Hemlo Gold Mines Inc.		Client No. 143550
Address Po Box 1205, 60 Shirley St. South, Timmins, Ont P4N 7J5		Telephone No. (705) 268-9600
Mining Division Porcupine	Township/Area Denton	M or G Plan No. G-3224
Dates Work Performed From: May 30, 1994		To: July 15, 1994

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	
Physical Work, Including Drilling	Diamond Drilling - DDH CC 94-5, 6, 7, 7A, 8, 9 1533.4m
Rehabilitation	
Other Authorized Work	
Assays	Au Assays, 229 core samples
Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ **81,147-00**

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
Dominik Drilling (1981) Inc	Po Box 479, Porcupine, Ont. P0N 1C0
Swastika Laboratories	Po Box 10, Swastika, Ont P0K 1T0

RECORDED
JAN 31 1996
Receipt _____

(attach a schedule if necessary)

Certification of Beneficial Interest - See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date Jan 30, 1996	Recorded Holder or Agent (Signature)
--	-----------------------------	--

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying Robert Calhoun c/o Po Box 1205, 60 Shirley St. South, Timmins, Ont P4N 7J5		
Telephone No. (705) 268-9600	Date Jan 30, 1996	Certified By (Signature)

For Office Use Only

Total Value Cr. Recorded 81,147	Date Recorded JAN 31/96	Mining Recorder	 JAN 31 1996 1310 C L PORCUPINE MINING DIVISION
	Deemed Approval Date APR. 30/96	Date Approved APRIL 30/96	
	Date Notice for Amendments Sent		

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction

W9660.00058

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	15522.00	
	Field Supervision Supervision sur le terrain		15522.00
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Diamond Drilling	62074.00	
	Assaying	2004.00	
			64028.00
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			79550.00

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work. Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total glob
Transportation Transport	Type Rental truck & gas	1597.00	
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démoblisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			1597.00
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			1597.00
Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)			81147.00

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note: Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à effet. Si la vérification n'est pas effectuée, le ministre peut rejeter ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	× 0.50 =

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Evaluation totale demandée
	× 0,50 =

Certification Verifying Statement of Costs

I hereby certify that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Lands Manager I am authorized (Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

J'atteste par la présente : que les montants indiqués sont le plus exact possible et que dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé (titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature _____ Date Jan 30, 1996

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

MRO - MINING RIGHTS ONLY
 SRO - SURFACE RIGHTS ONLY
 M+S - MINING AND SURFACE RIGHTS

Description	Order No	Date	Disposition	File
(R1) SEC 43/70		FEB 3/66	M+S	17150C
(R2) DANA AND JOWSEY PARK RESERVE		NOV 18/83	SRO	
(R4) RESERVED FOR PUBLIC USE			SRO	
(R5) SURFACE RIGHTS ONLY WITHDRAWN FROM STAKING ORDER NO. NRW 94/84 DATED 84-JULY-04 (WASTE DISPOSAL SITE)				

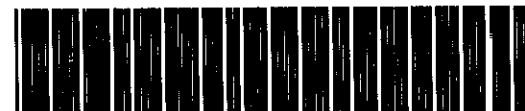
SAND AND GRAVEL

(G1) MTC	PIT 417	FILE 126351
(G2) MTC	PIT 1236	FILE 126351
(G3) MTC	PIT 1470	
(G4) MTC	PIT 1331	

(ST) APPLICATION PENDING UNDER THE PUBLIC LANDS ACT NOTICE RECEIVED 92-DEC-21 SNOWMOBILE TRAILS

(R3) THIS TWP SUBJECT RIGHTS TO FOREST ACTIVITY IN 1994/95 FURTHER INFORMATION AVAILABLE ON FILE

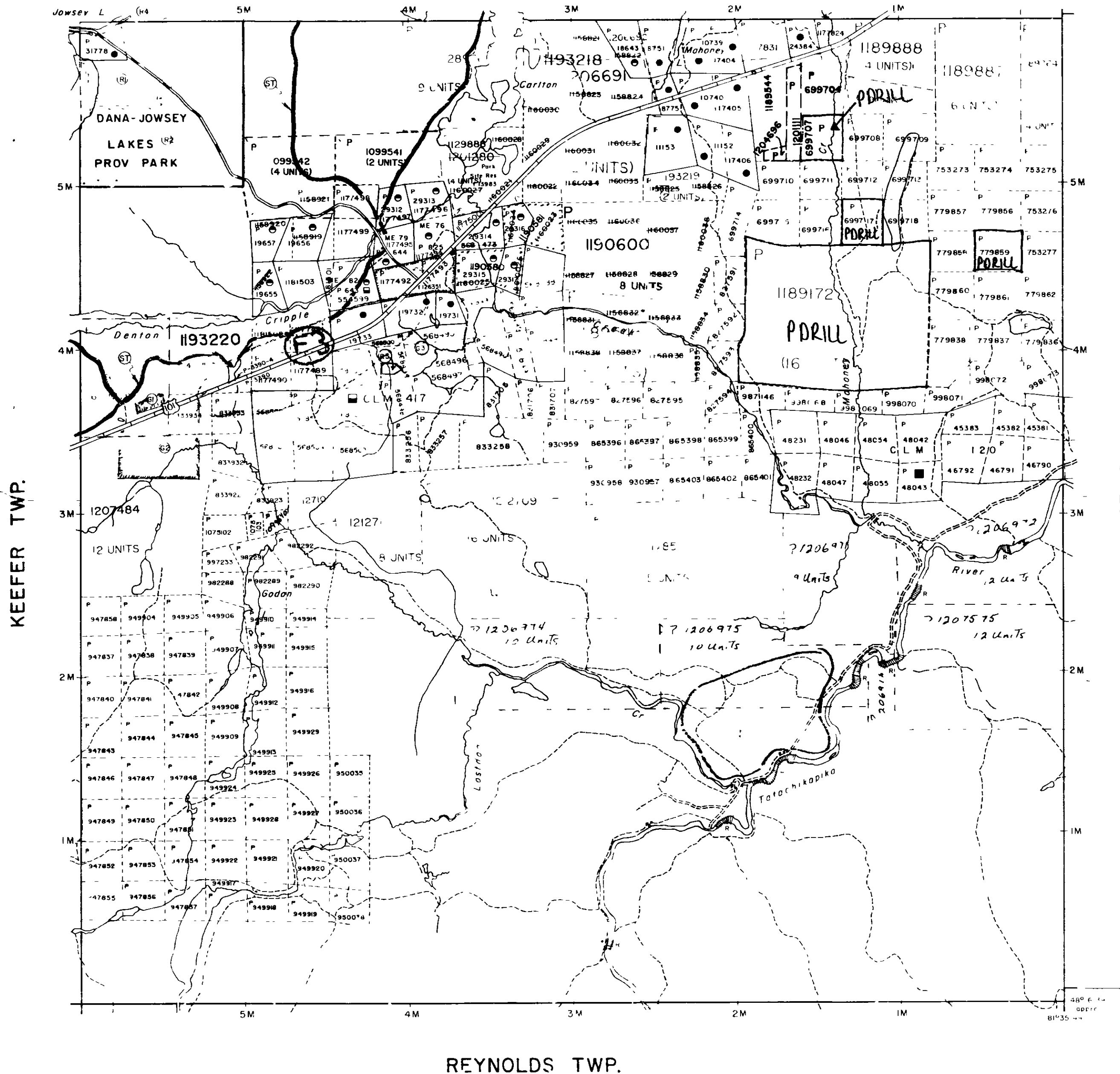
(R3) THIS TWP SUBJECT TO FOREST ACTIVITY IN 1995-96 FURTHER INFORMATION AVAILABLE ON FILE



200

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 ON THE STATUS OF THE LANDS SHOWN HEREON.

CARSCALLEN TWP.



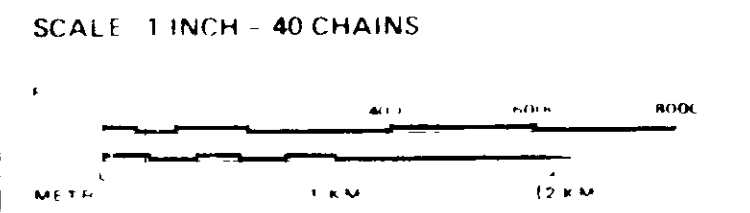
LEGEND

HIGHWAY AND ROUTE	---
OTHER ROAD	---
TRAIL	---
SURFACE	---
TOWNSHIP	---
MINING CLAIM	---
LAND TITLE	---
...	---
NON PERMANENT STREAM	---
FLOODING OR FLOODING RIGHTS	---
SUBDIVISION OR COMPOSITE PLAN	---
RESERVATIONS	---
ORIGINAL SHORELINE	---
MARSH OR MUSKELGEE	---
MINE	---
TRAVERSE MONUMENT	---

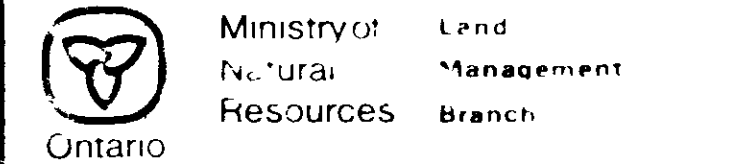
DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	●
SURFACE RIGHTS ONLY	○
MINING RIGHTS ONLY	○
LEASE SURFACE & MINING RIGHTS	■
SURFACE RIGHTS ONLY	□
MINING RIGHTS ONLY	□
LICENCE OF OCCUPATION	▼
ORDER IN COUNCIL	OC
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. 1910 CHAP 380 SECT 61 & 62



TOWNSHIP
DENTON
 MNR ADMINISTRATIVE DISTRICT
TIMMINS
 MINING DIVISION
PORCUPINE
 LAND TITLES / REGISTRY DIVISION
COCHRANE



Date: MAR 98
 Number: **G-3224**

REFERENCE

AREAS WITHDRAWN FROM DISPOSITIO

- MRO - MINING RIGHTS ONLY
- SRO - SURFACE RIGHTS ONLY
- M+S - MINING AND SURFACE RIGHT

Description	Order No	Date	Disposition	F.
(R1) SEC 43/70		FEB 3/66	M + S	1715UC
(R2) DANA AND JOWSEY PARK RESERVE		NOV 18/83	MRO	
(R4) RESERVED FOR PUBLIC USE			SRO	
(R5) SURFACE RIGHTS ONLY WITHDRAWN FROM STAKING ORDER NO. NRW 94/84 DATED 84-JULY 04 (WASTE DISPOSAL SITE)				

SAND AND GRAVEL

(61) MTC	PIT 417	FILE 126351
(62) MTC	PIT 1236	FILE 26351
(63) MTC	PIT 1470	
(64) MTC	PIT 1331	

(E7) APPLICATION PENDING UNDER THE PUBLIC LANDS ACT NOTICE RECEIVED 92-DEC-21 SNOWMOBILE TRAILS

(E8) THIS TWP SUBJECT RIGHTS TO EXERCISE ALL IN 1994-95 FURTHER INFORMATION AVAILABLE ON FILE

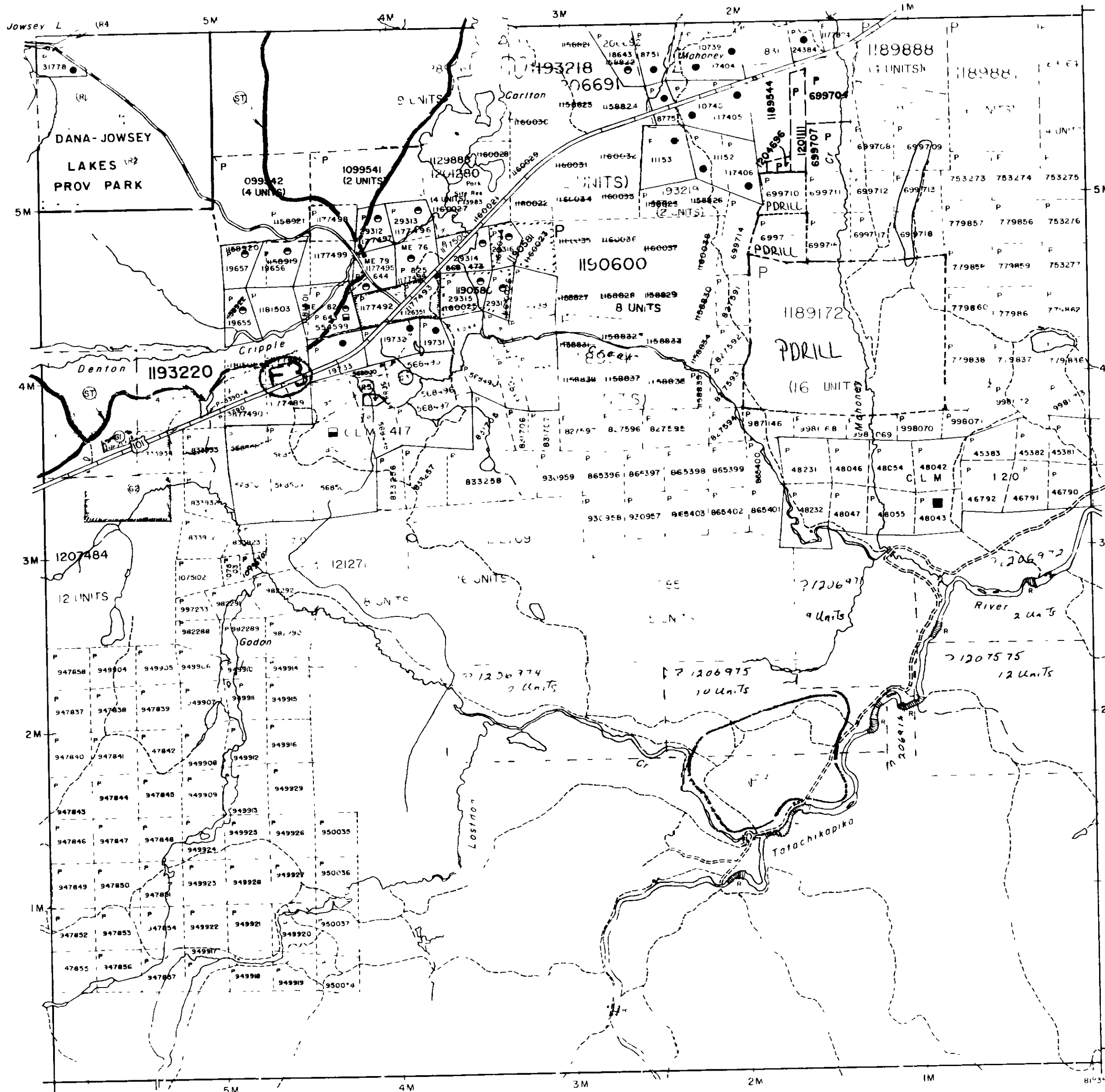
(E3) THIS TWP SUBJECT TO FORCAST ACTIVITY IN 1995-96 FURTHER INFORMATION AVAILABLE ON FILE



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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 ON THE STATUS OF THE LANDS SHOWN HEREON.

CARSCALLEN TWP.



REYNOLDS TWP.

LEGEND

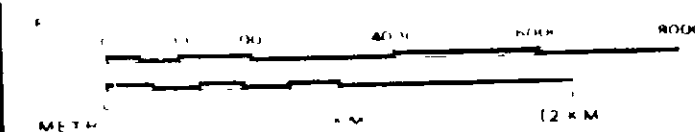
HIGHWAY AND RAILROAD	---
OTHER ROAD	---
TWP	---
SECTION	---
QUARTER SECTION	---
UNSUBDIVIDED	---
PAPER SURVEY	---
MINING CLAIMS	---
RAILWAY AND RIGHT OF WAY	---
ETC. ETC.	---
NON-PERMANENT STREAM	---
FLOODING OR FLOODING RIGHTS	---
SUBDIVISION OR COMPOSITE PLAN	---
RESERVATION	---
ORIGINAL SHORELINE	---
MARSH OR MUSKEG	---
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	■
LICENCE OF OCCUPATION	▼
ORDER IN COUNCIL	OC
RESERVATION	○
CANCELLED	○
SAND & GRAVEL	○

NOTE: MINING RIGHTS IN PARCELS PAID FOR BY THE 1913 VESTED IN ORIGINAL PATENT BY THE PUBLIC LANDS ACT R.S.O. 1910 CHAP. 380 SECT. 101 ARE

SCALE 1 INCH = 40 CHAINS



TOWNSHIP

DENTON

M.N.R. ADMINISTRATIVE DISTRICT

TIMMINS

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

COCHRANE



Ministry of Natural Resources
Land Management Branch

Date: MAR 1996

Name:

G-3224

THORNELOE TWP.

KEEFER TWP.