HEMLO GOLD MINES INC.

HYLAND GOLD PROPERTY

1995 EXPLORATION PROGRAM

WATSON LAKE MINING DISTRICT

N.T.S.: 95D/12

60°31'N 127°51'W

QUARTZ LAKE AREA, YUKON TERRITORY

DIAMOND DRILLING

G. Bidwell

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 26,500.

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

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G. Bidwell
November, 1995

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1.0 SUMMARY

The Hyland Gold property is located 70 km northeast of Watson Lake and immediately south of Quartz Lake in N.T.S. 95D/12 and at latitude 60°31'N and longitude 127°52'W. Access is by air or winter road. In December, 1994 Hemlo Gold Mines Inc. acquired an option on the property from Adrian Resources, NDU Resources and Cash Resources requiring work expenditures of $2.0 million and payments of $125,000 over a four year period.

Gold mineralization, mainly outlined by trenching and drilling in 1987-90, lies at the top of a small hill on the south side of the property. The bulk of the mineralization is hosted by quartzite which has been secondarily veined and silica flooded adjacent to high angle faults. The gold is associated with pyrite and arsenopyrite and is controlled by brecciation and fracturing which accompanies north-south faulting and thrusting. Oxidation extends to depths of 60 meters in the vicinity of the Main Zone. A 1990 study concluded the zone has a geological reserve of 3.2 million tonnes of oxidized material grading 1.1 gpt gold available to open pit mining.

Hemlo's program, begun in June, 1995, targeted jasperoid alteration for follow-up. The study identified numerous jasperoid units in a phyllite package along the northern extension of the Main Zone. Although assay results were not ore grade, they were elevated in both gold and arsenic indicating the need for additional drilling testing in the Siderite Creek area. Three diamond drill holes were completed in the area in September/October, 1995. Specific drill targets were VLF-EM conductors, representing favourable N-S structures, with gold-arsenic soil geochemistry. Two of the three holes intersected highly pyritic zones but the gold assays were low. No further work is planned in the immediate area of Siderite Creek but additional geochemistry and/or geophysical targets remain west of Siderite Creek and east of the Main Zone.

2.0 LOCATION AND ACCESS

The Hyland Gold property is located 70 km northeast of Watson Lake and immediately south of Quartz Lake near the headwaters of the Hyland River and Coal River drainages. The claims are located on NTS Map Sheet 95D/12 at latitude 60°31'N and longitude 127°52'W.

Access for this present program was by float plane from Watson Lake to Quartz Lake where the camp was located. A 40 km long winter road connects the property with the Coal River Road, about 35 km from the Alaska Highway. According to Sax and Carne (1990) the Coal River Road is passable by four-wheel drive vehicles throughout most of the year, as is much of the winter road to the property except for a 2 km section of swamp and muskeg at the start. Transportation on this property in 1995 was by ATV although pick-up trucks have been used in the past.

3.0 OWNERSHIP AND CLAIM STATUS

By an option/joint venture agreement dated December 12, 1994 Hemlo Gold Mines Inc. acquired an option to explore the Hyland Gold property from Adrian Resources Ltd., NDU Resources Ltd., and Cash Resources Ltd. The agreement calls for payments of $125,000 and work expenditures of $2 million by Hemlo over a period of four years to acquire a 51% interest in the property.

The property consists of 88 contiguous mineral claims registered with the Watson Lake Mining Recorder as follows:

CLAIM NAME	GRANT NUMBER	EXPIRY DATE *
Piglet 1-32	YA70902-YA70933	12 March, ~~2003~~ 2002
Quiver 1-2	YA68429-YA68430	11 March, ~~2001~~ 1999
Quiver 11-12	YA68439-YA68440	11 March, ~~2001~~ 1999
Quiver 21-24	YA68449-YA68452	11 March, ~~2001~~ 1999
Quiver 25	YA68709	11 March, ~~2001~~ 1999
Quiver 30	YA68714	11 March, ~~2001~~ 1999
Quiver 32	YA68716	11 March, ~~2001~~ 1999
Quiver 34	YA68718	11 March, ~~2001~~ 1999
Sow 1-5	YB00422-YB00426	11 March, ~~2001~~ 2000
Boar 1-11	YB14252-YB14262	11 March, ~~2001~~ 1999
Boar 12-16	YB14383-YB14387	11 March, ~~2001~~ 1999
Boar 17-28	YB15352-YB15363	11 March, ~~2001~~ 1999
Ham 1F-4F	YB14388-YB14391	11 March, ~~2001~~ 1999
Ham 5F-9F	YB14247-YB14251	11 March, ~~2001~~ 1999
Ham 10F-11F	YB14392-YB14393	11 March, ~~2001~~ 1999

* assuming assessment from present program is acceptable to Mining Recorder.

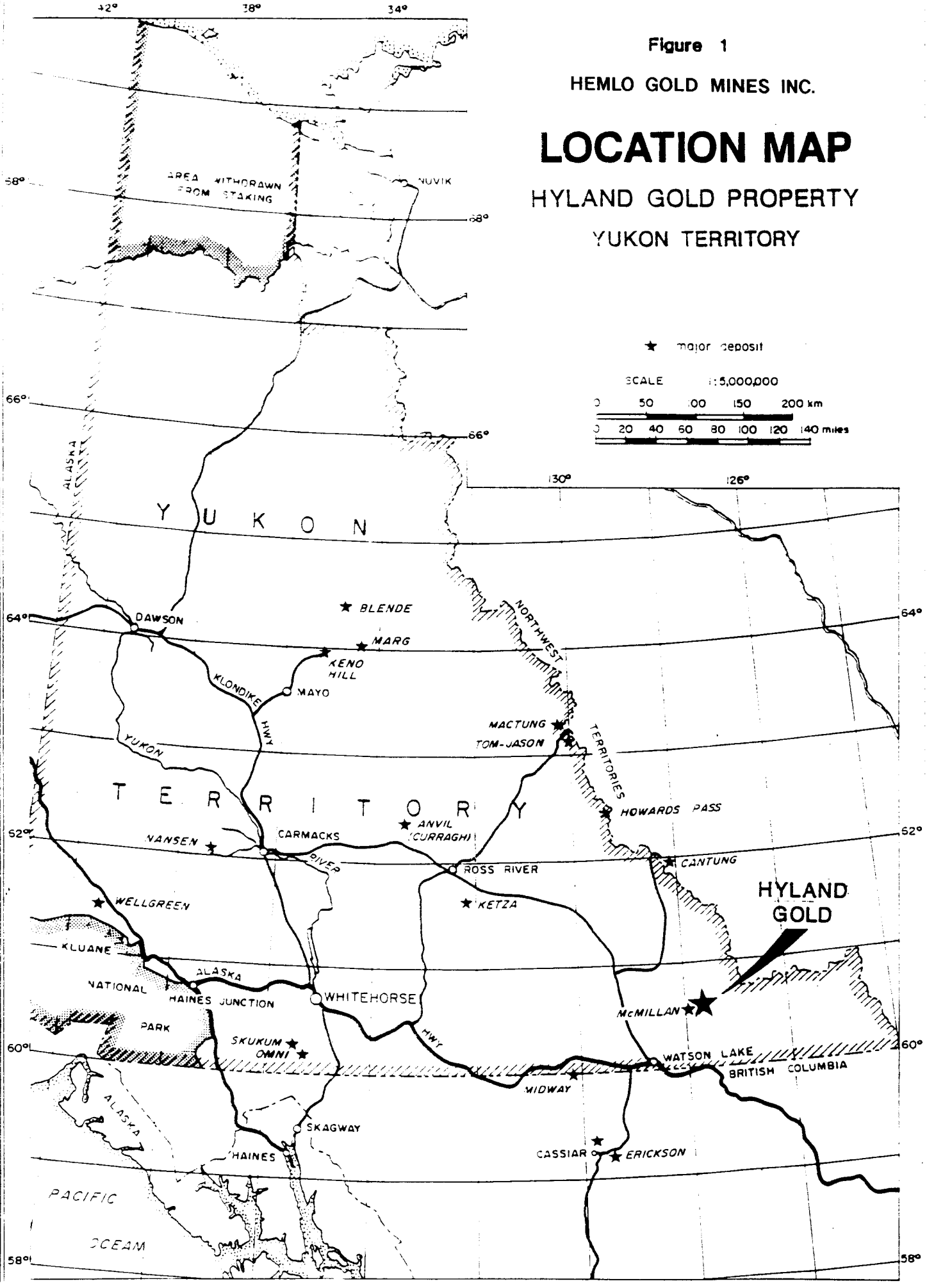
Figure 1

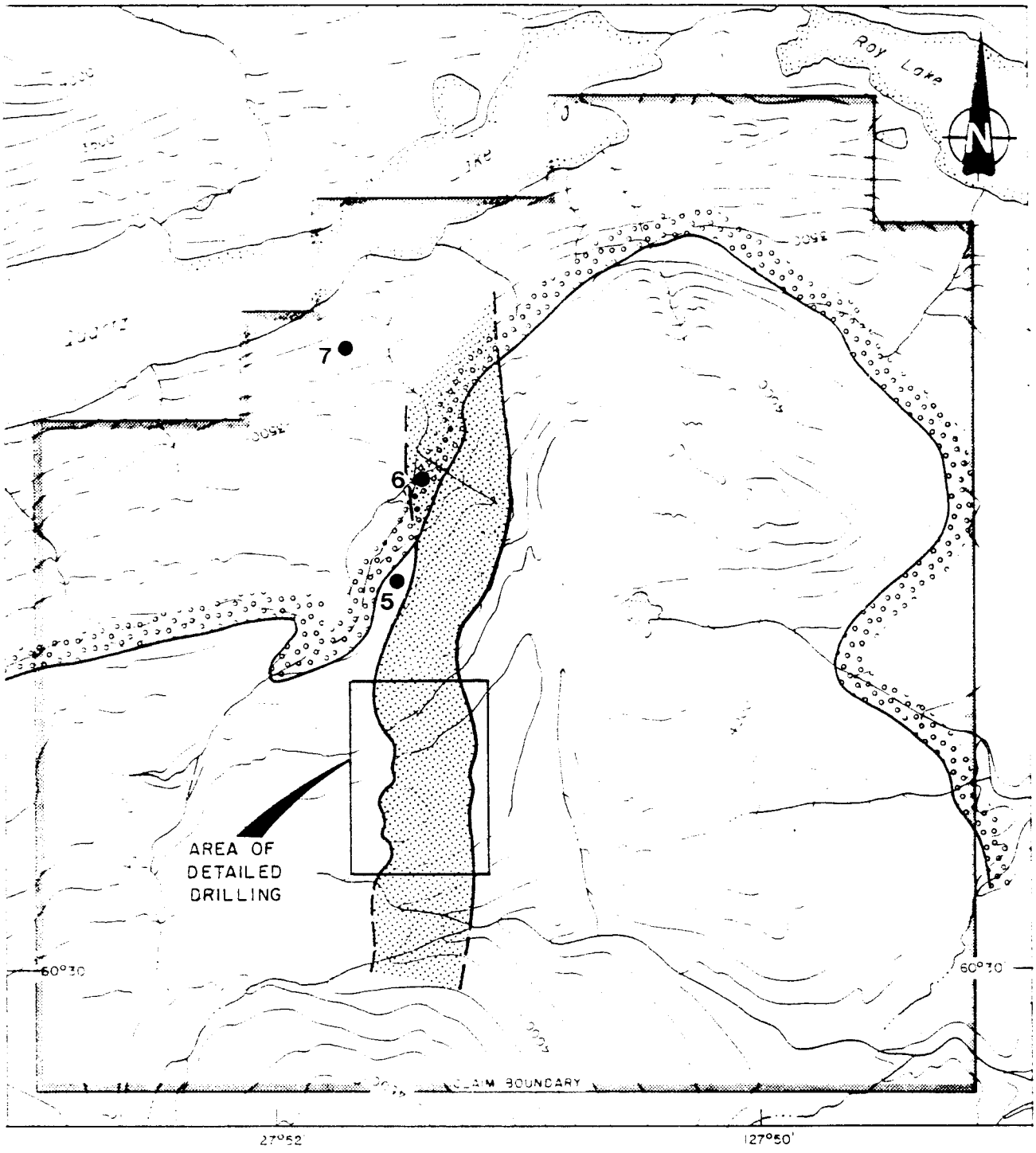
HEMLO GOLD MINES INC.

LOCATION MAP

HYLAND GOLD PROPERTY

YUKON TERRITORY





Thick glacial outwash

Limit of oxide gold mineralization

● 1995 Drill Holes

Fig. 2

HEMLO GOLD MINES INC.

PROPERTY PLAN

HYLAND GOLD PROPERTY

YUKON TERRITORY

0 500 1000

Dec. 1990

4.0 HISTORY

The claim area was initially staked in August, 1954 by Liard River Mining Co. which carried out mapping, hand trenching, soil sampling, an EM survey and drilled four holes (about 365 meters) 2 km west of the present area of interest in 1955.

The property was restaked by the Hyland Joint Venture (Marietta Resources and Mitsubishi Metals) in July, 1973 which carried out detailed mapping, prospecting and grid soils in 1973, a gravity survey in 1974 and drilled four holes (303 m) about 2 km northeast in 1975. Kidd Creek Mines tied on Quiver claims to the east in 1982 which it explored with mapping and soil sampling. Archer Cathro restaked the Hyland J.V. ground in 1984 performing mapping and sampling. Archer Cathro also acquired the Quiver claims and then sold the property to Silverquest Resources who performed mapping and geochem sampling in 1986.

In 1987 Silverquest entered into the Hyland J.V. (with NDU Resources and Novamines Resources) and mapping, cat trenching and sampling was carried out. After Novamines was replaced by Adrian Resources in 1988 cat trenching, soils, four diamond drill holes (376 meters) and road construction was undertaken. A winter road was built to the property from the Mel deposit in 1989 and 41 RC percussion holes (3800 meters) were drilled in 1990.

5.0 REGIONAL GEOLOGY

The general Quartz Lake area is underlain predominantly by quartzite and phyllite with interbedded grid, quartz and feldspar conglomerate and limestone, all of which belong to the Hadrynian Lower Cambrian Hyland Group.

The property is located near the southeastern end of a northwest trending belt of Cretaceous to Tertiary granitic plutons but there is no significant intrusive bodies exposed in the immediate vicinity. Evidence for a nearby buried intrusive is seen 2 km east of Quartz Lake where sedimentary rocks in a two km^2 area are thermally metamorphosed to garnet-staurolite schist.

The McMillan deposit, which lies 5 km west of the Hyland Gold property, contains 1.1 million tonnes grading 8.3% Zn, 4.1% Pb and 62 g/t Ag in a tabular, manto-like body near the top of the Late Proterozoic-Early Cambrian Hyland Group. The Main Zone is 600 x 150 m in plan, 2 to 30 m thick, and dips gently east. A second deposit (the South Zone) occurring 300 m to the south contains reserves of 0.4 million tonnes grading 9.3% Pb, 1.7% Zn and 214 g/t Ag. The property is covered by extensive glacial drift up to 50 m thick, and only the edge of the main deposit is exposed along Mine Creek. Both concordant and discordant styles of mineralization are present.

6.0 PROPERTY GEOLOGY

The sedimentary sequence exposed at the property has been correlated to the upper Proterozoic (Hadrynian) to Lower Cambrian Hyland Group based primary on lithology. The strata includes thick units of phyllite, quartzite, and limestone. On a property wide scale the section dips moderately to the west and is upright. Locally, folding has inverted the section especially where shales and phyllites comprise the bulk of the lithology. The overall stratigraphic section includes a lower feldspathic quartzite unit, a platy limestone and phyllite sequence which includes bedded sulfide-rich units, and a phyllitic shale sequence which includes jasperoid replaced calcareous beds. Specific units may be correlated between trench exposures for distances of 200 to 300 meters, however, determinations of tops of beds is difficult and it is apparent that some overturned folds exist, especially on the northwest side of the main mineralized zone.

The stratigraphic section from the northern part of the main mineralized area contains, from apparent bottom to top, a lower phyllite (shale) unit at least 235 meters thick which includes calcareous units, locally silicified to jasperoid, and two prominent quartzite layers; an overlying platy limestone unit 120 meters thick which includes two bedded siderite-pyrite-quartz units; a thin upper phyllite unit 25 to 50 meters thick; an upper quartzite unit 40 meters thick; and an upper limestone units about 50 meters thick. It is unclear at present whether this section is inverted or upright.

For detailed descriptions of the individual units see W. Rehn's report (1995).

7.0 MINERALIZATION

The main mineralized zone, previously outlined by trenching and drilling in the 1987-90 period, lies at the top of a small hill on the south side of the property. The zone has a N-S extent of about 700 meters and a width of 240 meters. Sax and Carne (1990) concluded the zone has a potential for 3.2 million tonnes of oxidized material grading 1.1 gpt gold available to open pit mining with a 1:1 stripping ratio. The bulk of this mineralization is hosted by quartzite which has been secondarily veined and silica flooded adjacent to high angle faults. The best drill intersections (and subsequent Main Zone) do not correlate into the anomalous gold soil geochemistry or the most encouraging trench sampling result. This appears to be due to horizontal mineralized beds revealed at depth in the drilling.

Gold is associated with pyrite and arsenopyrite and is controlled by brecciation and fracturing which accompanies north-south faulting and thrusting. Weathering and consequent oxidation of the sulphide minerals extends to depths of 60 meters in the vicinity of the Main Zone.

As discussed in detail by Rehn (1995) an important aspect of the current work on the property is the investigation of jasperoid beds. Previous work recognized some jasperoid alteration but it was not targeted for particular follow-up. Rehn's study mapped and resampled jasperoid units in the trenches and relogged the RC chips from the northern holes in an attempt to identify untested targets on the northwest side of the known mineralization. Although assay results from the jasperoid sampling were not of ore grade, elevated values for both gold and arsenic indicated the need for additional testing in the Siderite Creek area.

8.0 1995 DRILL PROGRAM (Figure 3)

8.1 Introduction

W. Rehn's study concluded that the Lower Phyllite unit, which underlies the Main Quartzite (host of Main Zone), contains calcareous units that have been preferentially replaced by jasperoid. The unit, where mineralized, is exposed only in the northern trenches and deserved further attention. The unit dips shallowly to the west and is covered by glacial till masking any geochemical response. The most favourable location for jasperoid alteration and gold mineralization would be where the unit have been disrupted by faulting, thus providing a plumbing or feeder structure for the hydrothermal fluids. In reviewing the geophysical data, it was noted that several north-south trending VLF-EM anomalies are present in the area underlain by the Lower Phyllite Unit in the vicinity of Siderite Creek. Interpreting the EM anomalies as possible north-south structures provided targets for drill testing.

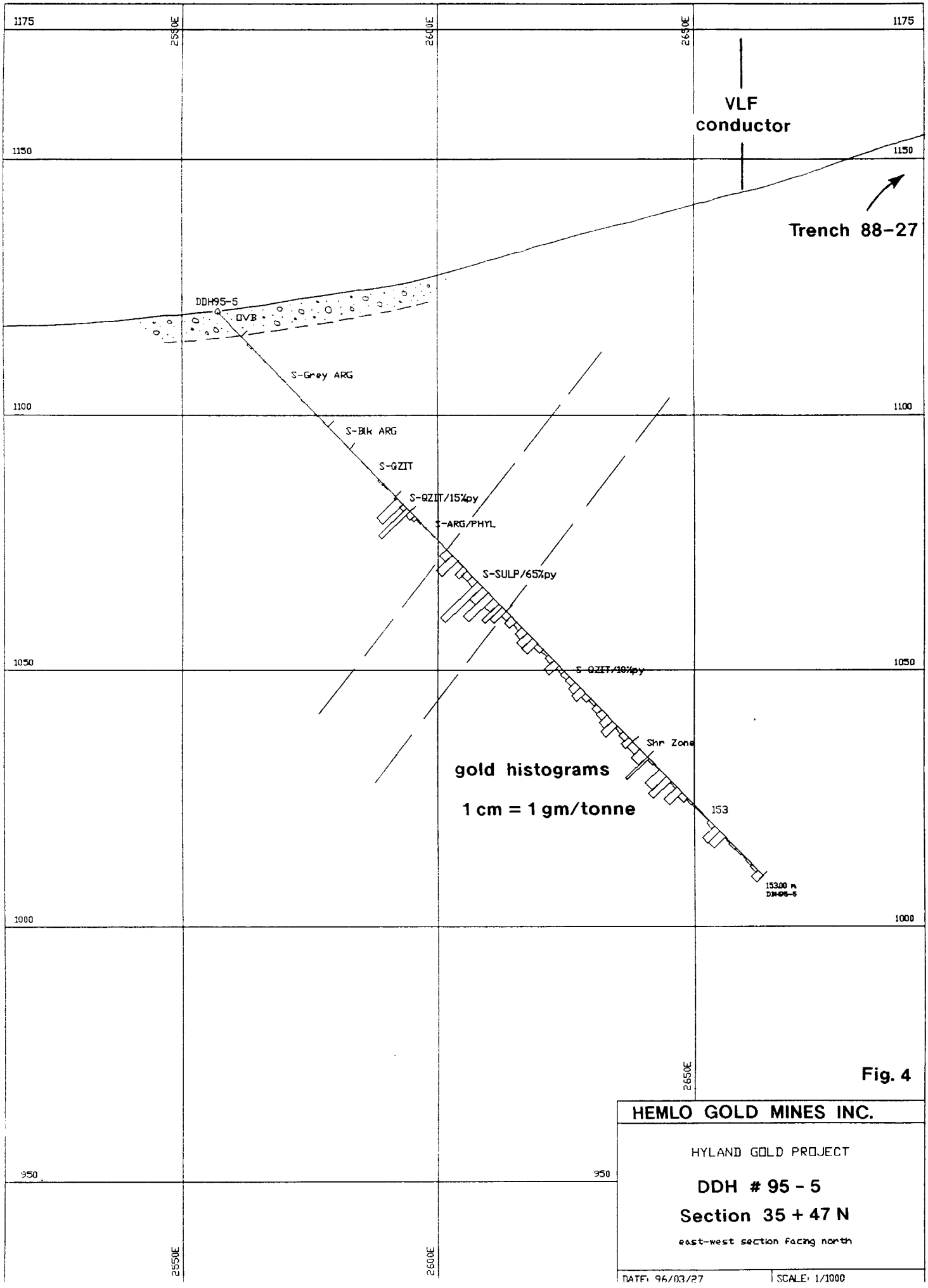
8.2 Diamond Drilling

In the period September 25 to October 8, 1995 three diamond drill holes totalling 439.2 meters (HQ) were completed. The drilling was contracted out to E. Caron Diamond Drilling Ltd. of Whitehorse, Yukon. The drilling was carried out with a Longyear 38 drill and helicopter moves by Frontier Helicopters of Watson Lake. Access to and from Watson Lake was provided by Otter and Beaver aircraft on floats from Watson Lake Flying Services. Upon completion of the drill program all drill sites were reclaimed. The drill and associated equipment was left at drill hole #95-07 pending the assay results a decision on further work.

DRILL HOLE 95-05 **(Figure 4)**

Co-ord:	35 + 47 N	Dip:	-45°
	25 + 57 E	Depth:	153.0 meters
Azimuth:	090°	Dates:	September 25-29, 1995

Target: VLF-EM anomaly/down-dip of jasperoid beds exposed in trench 88-27.


1175
2550E
2600E
2650E
1175
VLF
conductor
1150
1150
Trench 88-27
DDH95-5
OVB
S-Grey ARG
1100
1100
S-Blk ARG
S-QZIT
S-QZIT/15%py
S-ARG/PHYL
S-SULP/65%py
1050
1050
S-QZIT/10%py
Shr Zone
gold histograms
1 cm = 1 gm/tonne
153
153.00 m
DDH95-5
1000
1000
2650E
Fig. 4
950
950
2550E
2600E
HEMLO GOLD MINES INC.
HYLAND GOLD PROJECT
DDH # 95 - 5
Section 35 + 47 N
east-west section facing north
DATE: 96/03/27
SCALE: 1/1000

0-6.7m	Overburden
6.7-30.9m	Dark grey argillite with minor gossan
30.9-36.9m	Dark grey argillite
36.9-49.9m	Massive quartzite with minor argillite
49.9-54.0m	Silicified quartzite, 15% pyrite
54-63.3m	Gray limey argillite and phyllite
63.3-81.1m	50-80% pyrite with minor arsenopyrite and argillite/phyllite
81.1-116.7m	Silicified quartzite, jasperoid, 10% pyrite
116.7-120.8m	Shear zone, 2 - 5% pyrite
120.8-153m	Quartzite minor jasperoid

For detailed logs see Appendix II.

Assay results were disappointing with a best value of 1.01 gpt gold over 1.5 meters in a fault gouge section within the solid sulphide. Overall the solid sulphide interval, dominantly pyrite with minor arsenopyrite, averages 400 ppb gold. This included 10 samples over 14.2 meters. Three quartz breccia samples with some jasperoid alteration assayed in the 500-800 ppb gold range. All remaining samples were less than 500 ppb. The complete hole was sampled and core recovery was generally good.

DDH 95-06 (Figure 5)

Co-ord:	39 + 08 N	Dip:	-45°
	26 + 05 E	Length:	127.1 meters
Azimuth:	090°	Dates:	October 1 - 3, 1995

Target: VLF-EM anomaly/elevated gold-arsenic soil geochemistry.

0.0-21.6	Overburden
21.6-57.0	Sheared argillite and phyllite
57.0-68.9	Quartz breccia, 10 - 15% py.
68.9-75.3	Solid sulphide (fine grained massive pyrite, minor arsenopyrite)
75.3-97.5	Sheared altered argillite and phyllite, 10% pyrite
97.5-117.0	Argillite/quartzite, 2 - 10% pyrite
117.0-127.1	Massive quartzite, minor pyrite stringers

Best assay value was 1.43 gpt gold over 1.6 meters in a rusty mottled quartz breccia, or 0.90 gpt/6.1 meters. The 6.4 meter interval of solid sulphide averaged 380 ppb gold.

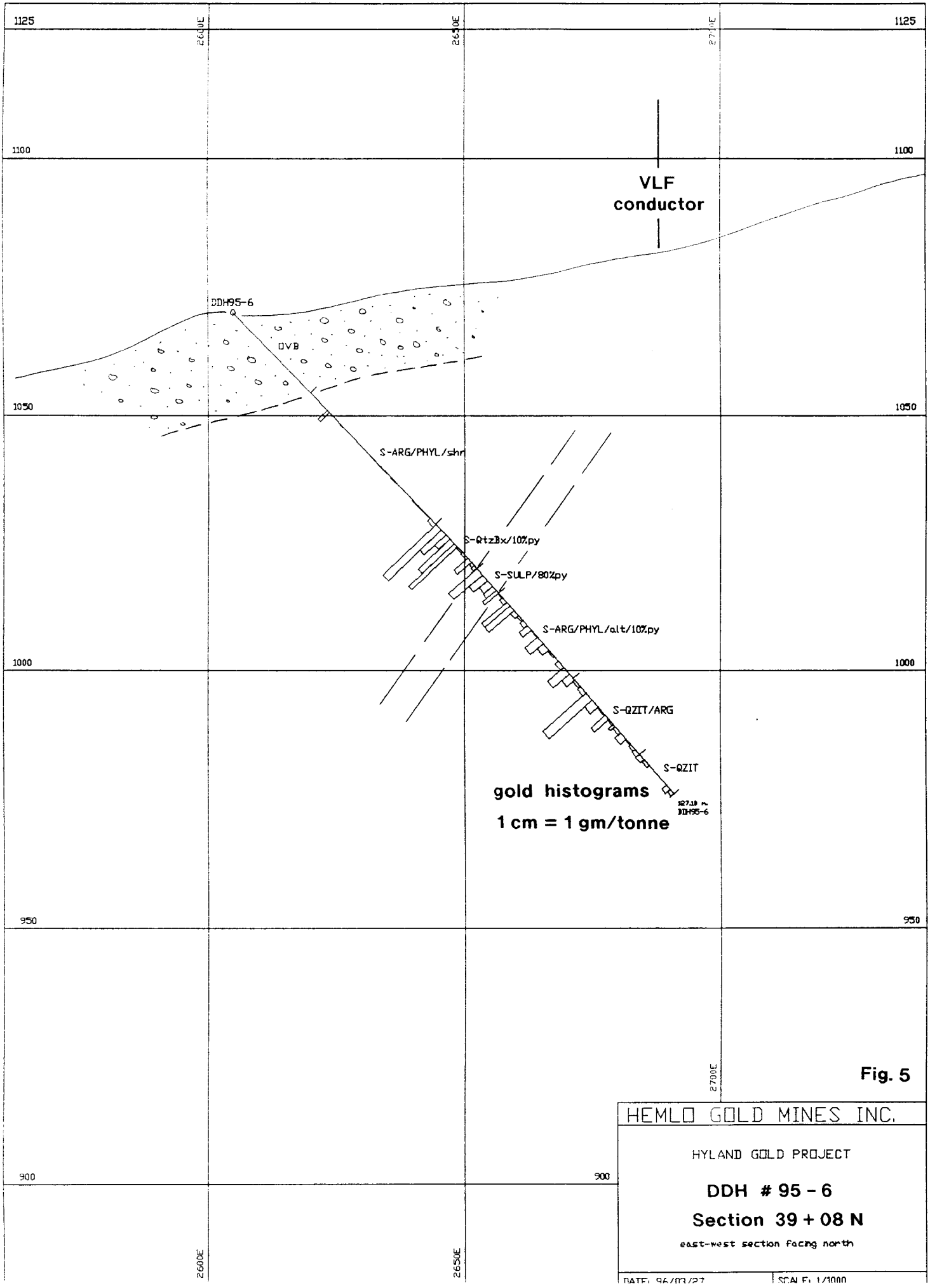


Fig. 5

HEMLO GOLD MINES INC.

HYLAND GOLD PROJECT

DDH # 95 - 6

Section 39 + 08 N

east-west section facing north

DATE: 96/03/27 | SCALE: 1/1000

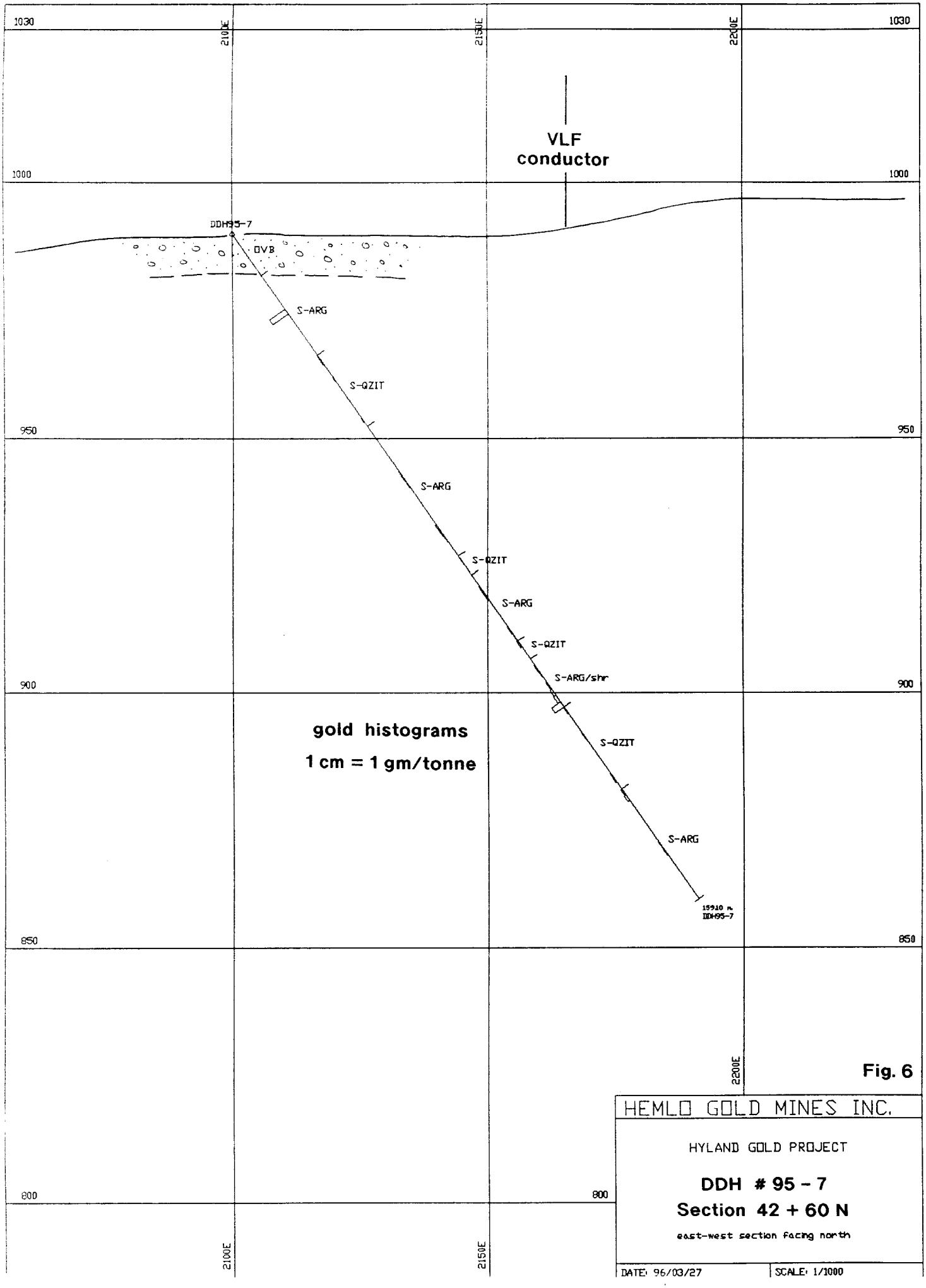


Fig. 6

HEMLO GOLD MINES INC.

HYLAND GOLD PROJECT

DDH # 95 - 7

Section 42 + 60 N

east-west section facing north

DATE: 96/03/27 | SCALE: 1/1000

DDH-95-07 **(Figure 6)**

Co-ord:	42 + 60 N	Dip:	-55°
	21 + 00 E	Length:	159.1 meters
Azimuth:	090°	Dates:	October 5 - 8, 1995

Target: VLF-EM anomaly in vicinity of projected location of Lower Phyllite Unit.

0.0-9.8	Overburden
9.8-159.1	Grey-black argillite/quartzite, hole alternated between argillite and quartzite throughout its length with very shallow core angles, minor silicification was present and minor shearing.

No significant mineralization was present in this hole. The best value was 373 ppb gold in a vuggy quartz vein in argillite.

9.0 CONCLUSIONS

Overall the drill program was disappointing. Visually holes 95-05 and 95-06 were highly silicified and sheared with abundant sulphide in both holes. Assays, however, were similar to the RC drill results to the east. It was hoped that the VLF-EM targets tested in this phase would reveal a mineralized structural zone with gold values and jasperoid alteration in the hosting phyllite unit. The results confirm a sulphide mineralized system is present in the Siderite Creek area but tne gold values are well below economic limits. No further work is planned for this area for the time being.

10.0 BIBLIOGRAPHY

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Dennett, J.T., and W.D. Eaton, 1988, Report on Soil Geochemical, Geophysical, Bulldozer Trenching, and Diamond Drilling Program...Piglet, Quiver, Sow, Boar, and Ham Claims, Archer Cathro internal report 25p.

Rehn, Warren M., 1995, Report on Stratigraphic Targets for Epithermal Sediment Hosted Gold, Hyland Gold Project, Quartz Lake, Yukon Territory, Canada, Hemlo Gold Mines Inc. internal report, 19p.

Diand, 1995. Yukon Minfile, Version 2.05, 31 July/95. Exploration and Geological Services Division, Indian and Northern Affairs Canada.

STATEMENT OF QUALIFICATIONS

I, Gerald E. Bidwell hereby certify that:

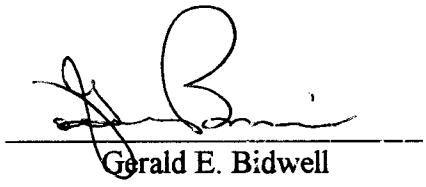
1. I received a B.A. degree in Geology from the University of Saskatchewan, Saskatoon in 1967 had have been involved in mineral exploration continuously since that time.

2. I reside at 5186 - 4th Avenue, Delta, B.C., V4K 1C3.

3. I have been employed by Hemlo Gold Mines Inc. since January, 1995.

4. I am a member in good standing of the Geological Association of Canada.

5. I supervised the work carried out on the property described in this report.

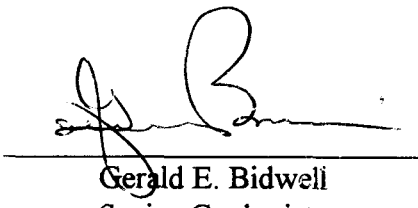


Gerald E. Bidwell

April 1996

STATEMENT OF COSTS

In the period September 23 to October 8, 1995, E. Caron Diamond Drilling Ltd. carried out the drilling discussed in this report. Total drill contractor charges were $57,900.91.



Gerald E. Bidwell
Senior Geologist
Hemlo Gold Mines Inc.

APPENDIX 1

DIAMOND DRILL LOGS

HEMLO GOLD MINES INC.

Piglet 27

DATE COLLARED Sept 25/95	DATE COMPLETED Sept. 29, 1995	CORE SIZE HQ	DIP TESTS				PROPERTY Hyland Gold	PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE				SHEET 1 OF 9	MAGNETIC DECLINATION
LAT. 3547N	ELEV. 1120m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY G. Bidwell
DEP. 2557E	LENGTH 153.0m	BEARING 090°	153		54°	47°	DEP.	LENGTH	BEARING	95-05	DATE September 30, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY				FROM	TO					FROM	TO	SAMPLE No.	Au ppb			
0.00	6.71		Overburden																			
6.71	8.50		Light-dark grey laminated argillite, millimeter wide laminat-													6.71	8.5	168301	4			
			ions, 50-60° < to core axis, 10-15% rusty along laminations,																			
			mainly carbonate, minor quartz vein dominantly x-cutting																			
			foliation, ~50% recovery.																			
8.50	9.75		Dark brown-black gossan, manganese staining, no residual													8.5	9.75	168302	34			
			sulphide, ~10% quartz, massive 25% recovery.																			
9.75	12.95		Light-dark grey laminated argillite (as above) except no													9.75	10.75	168303	5			
			rusty lamination.													10.75	11.85	168304	9			
			10.8-10.95 - 50%, rusty gossan mixed with argillite, poor													10.751	12.95	168305	3			
			recovery.																			
			- argillites have bluish tinge (gunsteel), lamination 1-10mm																			
			10% quartz carbonate veining (carbonate later) some																			
			vuggy veins.																			
			Core angles 10.0m = 45°																			
			11.0m = 35°																			
			12.0m = 45°																			
			12.4-12.8 low core angle, poorer recovery.																			
			- overall recovery ~ 90%																			
12.95	13.45		Gossan (as above) good recovery.													12.95	13.45	168306	16			
			~ 100%, 10% vugs, 5 - 10% quartz veins and knots.																			
13.45	17.65		Light-dark grey laminated argillite quite siliceous													13.45	14.85	168307	4			
			averages 20% quartz vein but in places up to 50% with veins													14.85	16.25	168308	6			
			up to 6 cm wide, dominantly concordant to foliation, minor													16.25	17.65	168309	5			
			carbonate, no sulphide, trace black streaks in veins, core																			
			angles @ 45° until 16.70 then abruptly very shallow (5-10°)																			
			trace siderite. Recovery ~ 90°.																			
17.65	18.90		Brecciated quartz argillite, brecciated veins of above, quartz-													17.65	18.90	168310	6			
			siderite veins 40° recovery, minor gossan along fractures.																			
18.90	30.90		Light-dark grey argillite, same as above except some													18.90	20.50	168311	4			
			sections are more massive. Up to 75% quartz/carbonate													20.50	22.00	168312	2			
			veining in sections. Foliation is quite variable 5 - 80° - aver-													22.00	23.50	167314	<2			
			ages ~ 60%.													23.50	25.00	168315	12			
			19.40 - 19.70 - 80% quartz/carbonate veining, core angle 80°													25.00	26.50	168316	6			
			20.00 - 20.30 - shallow core angle													26.50	28.00	168316	8			

HEMLO GOLD MINES INC.

DATE COLLARED Sept 25/95	DATE COMPLETED Sept. 29/95	CORE SIZE	DIP TESTS				PROPERTY Hyland Gold	PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE				SHEET 2 OF 9	MAGNETIC DECLINATION
LAT. 3547N	ELEV. 1120m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY G. Bidwell
DEP. 2557E	LENGTH 153.0m	BEARING 090°	153		54°	47°	DEP.	LENGTH	BEARING	95-05	DATE September 30, 1995

				GEOTECH					GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY			FROM	TO					FROM	TO	SAMPLE No.	Au ppb			
			22.80 - 23.40 - 30% quartz veining, contorted foliation												28.00	29.50	168317	4			
			24.40 - 24.60 - contorted foliation																		
			25.00 - well banded argillite, regular core angle = 55°																		
			- graphitic section 5-15% veining																		
			27.00 - core angle = 50° finely laminated																		
			28.00 - core angle = 55° finely laminated																		
			29.00 - core angle = 60° finely laminated																		
			30.00 - core angle = 65° finely laminated																		
			only minor veining (<5%) after 28.0m, slight phyllitic alter-																		
			ation and increase in shearing along bedding.																		
30.90	31.00		Quartz vein concordant to bedding, 5% disseminated pyrite												29.50	31.00	168318	8			
31.00	36.90		Graphitic argillite, highly sheared dark grey to black, fine												31.00	32.50	168319	11			
			grained,fine disseminated pyrite in sections (up to 5%) grad-												32.50	34.00	168320	3			
			ed bedding indicating tops are up, up to 15% 'quartz/carbon-												34.00	35.50	168321	5			
			ate veining commonly 3-5%.												35.50	36.90	168322	6			
			Core recovery ~ 90%																		
			Core angles @ 32 = 55°																		
			33 = 65°																		
			34 = 40°																		
			35 = 60°																		
			36 = 55°																		
36.90	40.40		Quartzite - massive, fine grained light grey, variable quartz												36.90	38.65	168323	2			
			veining and flooding, minor siderite veins, generally												38.65	40.4	168324	3			
			brecciated.																		
			37.05-37.20 - black argillite band, well laminated																		
			core angle = 65°																		
			37.20-37.30 - brecciated quartzite with quartz/carbonate veins																		
			37.30-38.70 - grey quartzite with 20% quartz flooding																		
			38.70-39.00 quartzite with 50% quartz veining																		
			- random veins, trace arsenopyrite																		
			- dark quartz grains lined up in quartzite - produce foliation -																		
			core angle = 50°																		
			40.00-40.40 - 25% veining and flooding in quartzite, minor																		
			oxidation. core recovery 36.9 - 40.4 = 85%																		
40.40	42.10		Black argillite, fine grained, laminated argillites with 25%												40.40	42.10	168325	10			

HEMLO GOLD MINES INC.

Piglet 27

DATE COLLARED Sept 25/95	DATE COMPLETED Sept 29/95	CORE SIZE	DIP TESTS				PROPERTY Hyland Gold	PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE				SHEET 3 OF 9	MAGNETIC DECLINATION
LAT. 3547N	ELEV. 1120m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY G. Bidwell
DEP. 2557E	LENGTH 153.0m	BEARING 090°	153		54°	47°	DEP.	LENGTH	BEARING	95-05	DATE September 30, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY				FROM	TO					FROM	TO	SAMPLE No.	Au ppb			
			quartzite beds, argillites highly sheared in spots,																			
			core angles variable but generally low (<20°)																			
			40.40-40.80-laminated black argillite core angle ~5°																			
			40.80-41.30-quartzite-massive, trace arsenopyrite																			
			41.30-42.10-black sheared argillite																			
			-shearing @55° to core axis, minor rust and quartz veining																			
			(<10%); core recovery = 80°																			
42.10	45.20		Massive grey quartzite, fine grained faint foliation, variable													42.10	43.70	168326	4			
			quartz veining and flooding, minor carbonate.													43.70	45.20	168327	3			
			42.10-44.40-5 to 10% quartz veining																			
			minor calcite (vuggy) foliation averages 55°																			
			44.40-45.20-increase in veining to 15% random																			
			overall recovery ~ 90°																			
45.20	46.10		Black argillite, as before, rusty fractures													45.20	46.50	168328	34			
			45.20-45.40-quartz siderite vein with silicification, phyllic																			
			alteration in argillite																			
			- core very broken, particularly last one third																			
			- overall core recovery = 90%																			
46.10	49.90		Massive quartzite, fine grained, light to medium grey, 10%													46.50	47.80	168329	20			
			quartz veining, numerous random open fractures, some													47.80	49.10	168330	6			
			sections brecciated, particularly near bottom.													49.10	49.90	168331	8			
			46.95-47.30-sheared section, fault gouge - core angle = 60°																			
			no sulphide visible, but moderate rust.																			
			47.80 - narrow (3cm) argillite fault breccia																			
			49.1-49.90-open rusty fractures (sulphides oxidized) and																			
			silicification, veining and brecciation near bottom contact																			
			recovery (overall) = 80%.																			
49.90	50.30		Altered quartzite - gossanous, brecciated, pyritic, silicified													49.90	50.30	168332	52			
			and phyllic altered, black staining, graphitic in spots, portions																			
			look sideritic but hard (quartz), portions sheared and																			
			veined, up to 50% as sulphide or gossan, overall very chaotic																			
			silicified, pyritic quartzite breccia (jasperoid?).																			
			49.90-50.30-black argillite sections, highly sheared along																			
			bedding, dark grey to black, minor rust, no sulphide or																			
			quartz veining; all fault gouge bottom 20 cm																			

HEMLO GOLD MINES INC.

DATE COLLARED Sept 25/95	DATE COMPLETED Sept. 29/95	CORE SIZE	DIP TESTS				PROPERTY Hyland Gold	PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE				SHEET 4 OF 9	MAGNETIC DECLINATION
LAT. 3547N	ELEV. 1120m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY G. Bidwell
DEP. 2557E	LENGTH 153.0m	BEARING 090°	153		54°	47°	DEP.	LENGTH	BEARING	95-05	DATE September 30, 1995

				GEOTECH				GEOCHEM			ASSAY			
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY		FROM	TO		FROM	TO	SAMPLE No.	Au ppb
			overall recovery 45.2 - 50.30 = 80%											
			core angle @ 50m = 65°											
50.30	52.00		Quartz breccia - massive, chaotic, averages 15%, gossan								50.3	52.00	168333	556
			(up to 40%), 15% pyrite, traces arsenopyrite, quartz is											
			vitreous and dark (manganese?), 5-10% quartz veining and											
			flooding, remanent bedding?, some shear surfaces graphitic											
			primary Lithology quartzite											
			recovery = 85%											
52.00	53.95		Light gray quartzite, generally massive but faintly banded in								52.00	53.00	168334	99
			upper portion, sections are argillic with phyllic alteration,								53.00	53.95	168335	776
			random quartz and carbonate veining											
			(~ 5 - 10%)											
			52.00-52.50 - shearing infilled with quartz veining, phyllic											
			alteration											
			52.50-53.00-intermixed quartzite and graphitic argillite,											
			sheared and brecciated, rusty fractures in argillite, 5%											
			quartz veining, core angles = 25-45°.											
			53.00-53.70 - massive quartzite, 20% quartz flooding,											
			numerous random open rusty (dark) fractures up to 1/2 cm											
			wide, bottom 20 cm silicified quartzite with 30% pyrite											
			fractures and blebs, minor oxidation.											
			53.70-53.95 - fault gouge, bleached quartzite, light to dark											
			rust, core angle = 85°; overall core recovery = 90%											
53.95	60.9		Gray argillite, well banded, fine grained, faint laminations,								53.95	55.20	168336	124
			random quartz carbonate veining = 15%, quite calcareous.								55.20	55.90	168337	91
			53.95-54.70 - sheared argillite, graphitic in sections, carbon-								55.90	57.15	168338	26
			ate veins up to 3 cm wide (vuggy), minor siderite, phyllic								57.15	58.40	168339	11
			alteration (moderate), well sheared in sections.								58.40	59.65	168340	10
			54.70-55.20 - limey argillite, well laminated, core angle =65°								59.65	60.90	168341	8
			55.20-55.90 - quartzite unit, sheared and brecciated on both											
			contacts, open fractures with minor dark rusty gossan											
			contacts have gouge with solicified quartzite fragments.											
			55.90-56.60 - limey argillite as above, 10% carbonate veining,											
			core angle = 55°											
			56.60-56.70 - argillite gouge (fault), sharp contacts parallel											

HEMLO GOLD MINES INC.

Piglet 27

DATE COLLARED Sept 25/95	DATE COMPLETED Sept. 29/95	CORE SIZE	DIP TESTS				PROPERTY Hyland Gold		PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES			DEPTH	BEARING		ANGLE				SHEET 5 OF 9	MAGNETIC DECLINATION
LAT. 3547N	ELEV. 1120m	DIP -45°		RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY G. Bidwell
DEP. 2557E	LENGTH 153.0m	BEARING 090°	153			54°	47°	DEP.	LENGTH	BEARING	95-05	DATE September 30, 1995

				GEOTECH						GEOCHEM						ASSAY					
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY				FROM	TO					FROM	TO	SAMPLE No.	Au ppb		
			foliation 55°.																		
			56.70-60.90 - well banded limestone, light to dark grey,																		
			fine grained, consistent bedding, calcite veining up to 2 cm																		
			wide, random core recovery = 90%, very graphitic in sections																		
			core angle 57° = 50° 59° = 40°																		
			58° = 50° 61° = 40°																		
60.90	64.30		Light grey phyllite well foliated sections highly sheared, only													60.90	62.60	168342	5		
			minor veining (25%)													62.60	64.30	168343	6		
			61.00-61.05 - sheared sections																		
			61.6-62.30 - sheared sections																		
			62.70-62.80 - sheared sections																		
			core angles 62 = 60° (quite variable)																		
			63 = 65° (quite variable)																		
64.30	67.50		Near solid sulphide (-NSS) = 50 - 80% sulphide (virtually all													64.30	65.90	168344	180		
			pyrite), 10 - 40% quartz, massive texture generally, faint													65.90	67.50	168345	428		
			banding at times, some shearing, fine to medium grained,																		
			crystals up to 1 mm, no oxidation.																		
			core angle @ 66m = 50°																		
			67m = 45°																		
			68m = 70°																		
			core recovery 64.3-67.5 = 100%																		
			67.4 - intense shearing (gouge) over 3 cm.																		
			67.1 - argillite (black) - 8 cm wide.																		
67.50	67.80		Light grey phyllite (as before) finely and faintly laminated,													67.50	69.00	168346	10		
			initial 10 cm highly sheared (all gouge), 5%																		
			quartz veining, core angle ~ 90°.																		
67.80	70.10		Gray argillite, also 90° core angles well laminated, massive													69.00	70.10	168347	224		
			pyrite and quartz up to 10 cm wide, pyrite content varies																		
			from 2 - 50%, averages ~ 15%																		
			core recovery 65°.																		
70.10	81.10		NSS (near solid sulphide) dominantly massive pyrite as													70.10	71.5	168348	142		
			before with up to 50% quartz = no arsenopyrite, pyrrhotite													71.50	73.00	168349	142		
			70.10-71.50 - 70% pyrite with quartzite fragments, massive													73.00	74.50	168350	1012		
			textures slightly vuggy.													74.50	76.00	168351	350		
			71.50-72.20 - fault gouge, dominantly clay - core angle ~ 5°													76.00	77.50	168352	667		

HEMLO GOLD MINES INC.

Piglet 27

DATE COLLARED Sept 25/95	DATE COMPLETED Sept. 29/95	CORE SIZE	DIP TESTS				PROPERTY Hyland Gold	PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE				SHEET 6 OF 9	MAGNETIC DECLINATION
LAT. 3547N	ELEV. 1120m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY G. Bidwell
DEP. 2557E	LENGTH 153.0m	BEARING 090°	153		54°	47°	DEP.	LENGTH	BEARING	95-05	DATE September 30, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECO VERY				FROM	TO					FROM	TO	SAMPLE No.	Au ppb			
			72.20-73.10 - 70% pyrite (as 70.1-71.5) with quartz breccia													77.50	79.00	168353	250			
			fragments.													79.00	80.00	168354	457			
			73.10-73.90 - sugary textured quartz (jasperoid) up to 20%													80.00	81.10	168355	340			
			pyrite, massive 10% quartz veining.																			
			73.90-78.10 - NSS (solid sulphides), averages 85% pyrite																			
			remainder quartz blebs and infillings.																			
			78.10-78.60 - quartzite with 25% quartz veining (jasperoid),																			
			massive, averages 10% pyrite.																			
			78-60-81.10 - NSS as 73.90-78.10, bottom end 80.80-81.00																			
			black pyrite gouge (fault), core angle = 80°, core recovery,																			
			whole interval 65%.																			
81.10	116.70		Quartzite, light grey massive brecciated quartzite with quartz													81.10	82.50	168356	136			
			flooding and veining (jasperoid) - pyrite content 5 - 30%,													82.50	84.00	168357	190			
			averages 10%, quartz veining 10 - 20%, sections highly													84.00	85.50	168358	91			
			sheared.													85.50	87.00	168359	188			
			85.4-85.0 - sheared													87.00	88.50	168360	283			
			89.10-89.50 - sheared core angle 30°																			
			90.0-90.2 - sheared																			
			overall core recovery 81.10-90.5 = 55%																			
			90.5-96.00 - massive quartzite, moderate to intense quartz													88.50	90.0	168367	285			
			flooding but not sugary texture as often seen with jasperoid													90.00	91.5	168362	101			
			alteration, pyrite is disseminated mainly, minor veinlets													91.50	93.0	168363	57			
			varies from 3-10%, averaging 5%, sporadic shearing.													93.00	94.5	16864	92			
			@ 91.0 - 35°													94.50	96.0	168365	260			
			91.5 - ~30°													96.00	97.5	168366	74			
			94.8 - 45°													97.50	99.0	168367	95			
			- very poor recoveries at bottom of section													99.00	100.5	168368	113			
			- overall recovery 90.5-96.0 - 65%													100.5	102.0	168369	184			
			96.0-97.5 - black argillite-massive fine grained, 10% quartz													;102.0	103.5	168370	239			
			veining, trace pyrite.													103.5	105.0	168371	114			
			97.5-107.8 - massive quartzite, moderate to intense silicified													105.0	106.5	168372	54			
			(as 90.5-96.0)													106.5	108.0	168373	124			
			1-10% pyrite - averaging 6%													108.0	109.5	168374	139			
			shearing @ 98.0-98.6													109.5	111.0	168375	211			
			100.5-100.6													111.0	112.5	168376	311			

HEMLO GOLD MINES INC.

DATE COLLARED Sept 25/95	DATE COMPLETED Sept. 29/95	CORE SIZE	DIP TESTS				PROPERTY Hyland Gold		PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES			DEPTH	BEARING		ANGLE				SHEET 7 OF 9	MAGNETIC DECLINATION
LAT. 3547N	ELEV. 1120m	DIP -45°		RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY G. Bidwell
DEP. 2557E	LENGTH 153.0m	BEARING 090°	153			54°	47°	DEP.	LENGTH	BEARING	95-05	DATE September 30, 1995

				GEOTECH				GEOCHEM		ASSAY			
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY		FROM	TO	FROM	TO	SAMPLE No.	Au ppb
			102.7-102.8							112.5	114.0	168377	59
			104.3-104.6 - banded argillite, <=45°							114.0	115.5	168378	108
			shearing @ 105.6							115.5	116.7	168379	192
			core recovery (97.5-107.8) = 70%										
			107.8-110.2 - brecciated quartzite, well broken, vuggy,										
			jasperoid look, well silicified, some chalcedonic veining										
			2-10% pyrite, trace arsenopyrite										
			110.2-110.9 - phyllite-argillic altered - 5% quartz veining,										
			light brownish grey colour, sheared core										
			angle = 50°										
			110.9-111.6 - brecciated quartzite, as before, highly										
			fractured, up to 15% pyrite silicified, massive.										
			111.6-112.2 - sheared phyllite, clay altered, sheared, 30%										
			brecciated quartz vein and pyrite at top of section										
			core angle = 070°										
			112.2-113.2 - brecciated quartzite (as before) 15-20%										
			pyrite, silicified (jasperoid) random fracturing.										
			113.2-114.5 - clay altered phyllite (as before), moderate-										
			intense shearing, 20% brecciated quartz, some chalcedonic,										
			sharp contact at base = 60°										
			114.5-116.7 - brecciated quartzite as before, random										
			fractures, silicified, vuggy in sections, 2-8% pyrite, sheared										
			in sections. Overall core recovery 107.8-116.7 = 100%.										
116.70	120.80		Shear zone - dominantly argillite and phyllite gouge, 15%							116.7	118.7	168380	156
			quartzose fragments, up to 5° pyrite.							118.7	120.8	168381	232
			118.3-119.3 - sheared argillite										
			core angles (of shearing and bedding) ~ 70°										
			core recovery = 85°										
120.80	121.30		Quartzite breccia, averages 15% pyrite, highly fractured -							120.8	121.3	168382	589
			100% recovery.										
121.30	124.20		Black argillite, well laminated, grey to black, moderate to										
			intense, shearing - 5 to 20% quartz										
			122.25-122.50 - sheared phyllite										
			core angle = 80%										
			graphitic in sections										

HEMLO GOLD MINES INC.

Piglet 27

DATE COLLARED Sept 25/95	DATE COMPLETED Sept. 29/95	CORE SIZE	DIP TESTS				PROPERTY Hyland Gold	PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES			DEPTH	BEARING		ANGLE			SHEET 8 OF 9	MAGNETIC DECLINATION
LAT. 3547N	ELEV. 1120m	DIP -45°		RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY G. Bidwell
DEP. 2557E	LENGTH 153.0m	BEARING 090°	153			54°	47°	DEP.	LENGTH	BEARING	95-05	DATE September 30, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY				FROM	TO					FROM	TO	SAMPLE No.	Au ppb			
			122.50-124.2 - graphitic argillite													121.3	122.7	168383	35			
			core angles 70 - 85%													122.7	124.2	168384	21			
			pyrite content generally 2% and up to 6%																			
			core recovery overall 95%																			
124.20	153.0		Quartzite with sheared argillite sections, quartzite is silicified													124.2	126.1	168385	384			
			with jasperoid sections, vuggy and up to 20% pyrite,													126.1	127.5	168386	477			
			commonly 5%.													127.0	129.0	168387	33			
			125.2-125.6 - sheared argillite and quartz veining, 15% pyrite													N/S		168388				
			126.-=126.4 - sheared argillite same as 125.2-125.6													129.0	130.5	168389	339			
			126.4-126.8 - quartzite 10% pyrite													130.5	132.0	168390	113			
			126.8-127.10 - argillite 80% core angle													132.0	133.5	168391	41			
			127.10-128.10 - massive quartzite, trace veining and pyrite													133.5	135.0	168392	23			
			128.10-128.5 - argillite core <= 65°, no sulphide													135.0	136.5	168393	10			
			128.5-130.2 - quartzite breccia, silicified ~ 8% pyrite													136.5	138.0	168394	13			
			(jasperoid)													138.0	139.5	168395	74			
			130.2-130.4 - argillite breccia core <= 70°													139.5	141.0	168396	333			
			130.4-131.8 - quartz breccia with sheared section - to 2%													141.0	142.5	168397	305			
			without shearing, 5-10% pyrite in shearing.													142.5	144.0	168398	21			
			131.8-133.1 - interlayered black argillite and quartzite,													144.0	145.5	168399	49			
			argillite usually brecciated, 2-3% pyrite													145.5	147.0	168400	33			
			133.1-134.3 - massive quartzite , sugary texture													147.0	148.8	171995	12			
			133.8-134.0 - jasperoid no pyrite													148.0	150.0	171996	33			
			134.3-135.3 - sand banded argillite, core angles ~ 80°, no													150.0	151.5	171997	57			
			sulphide													151.5	153.0	171998	179			
			135.3 - generally massive quartzite variable quartz flooding,																			
			fine banding @ 135.8 ~ 85° core <																			
			- minor argillite interlayers																			
			136-8-137.0 - sugary (jasperoid) texture																			
			137.7 - faint banding ~ 75°																			
			138.2 - sugary (jasperoid) texture for 10 cm.																			
			- argillite interlayers 10%, core angle = 75-80°																			
			139.50-139.9 - quartz breccia, 10% pyrite																			
			139.9-140.4 - massive quartzite																			
			140.4-141.0 - quartz breccia (as above)																			
			141.0-153.01 - massive quartzite, trace - 2% pyrite																			

HEMLO GOLD MINES INC.

Piglet 27

DATE COLLARED Sept 25/95	DATE COMPLETED Sept. 29/95	CORE SIZE	DIP TESTS				PROPERTY Hyland Gold	PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE				SHEET 9 OF 9	MAGNETIC DECLINATION
LAT. 3547N	ELEV. 1120m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No.	LOGGED BY G. Bidwell
DEP. 2557E	LENGTH 153.0m	BEARING 090°	153		54°	47°	DEP.	LENGTH	BEARING	95-05	DATE September 30, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY				FROM	TO					FROM	TO	SAMPLE No.				
			150.8-151.2 - vuggy sheared quartzite																			
			core recovery 124.2-153.0 - excellent																			
153.0			E.O.H.																			

HEMLO GOLD MINES INC.

Piglet 25

DATE COLLARED Oct.1/95	DATE COMPLETED Oct. 14/95	CORE SIZE HQ	DIP TESTS				PROPERTY Hyland Gold		PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES			DEPTH	BEARING		ANGLE				SHEET 1 OF 6	MAGNETIC DECLINATION
LAT. 39 + 08N	ELEV. 1070m	DIP -45°		RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No. 95-06	LOGGED BY G. Bidwell
DEP. 26 + 05E	LENGTH 127.1m	BEARING 090°	127.1			50°	43°	DEP.	LENGTH	BEARING		DATE October 6, 1995

				GEOTECH					GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY			FROM	TO					FROM	TO	SAMPLE No.	Au ppb			
0.0	21.6		Overburden (only 12.8m of casing)																		
21.6	23.00		Siliceous black argillite, fine grained well laminated, core												21.64	26.3	NS				
			angle = 0°, 10% quartz veining, broken up, trace sulphide																		
23.00	23.5		Argillite fault gouge, 0.25m recovered, ? washed away black																		
			argillite, fragments up to 3 cm diameter, bulk of it mm size																		
			in gouge, no veining, minor rust, orientation ?, 5% pyrite																		
23.5	26.3		Black graphitic argillite, well laminated, core angle 0 - 20°,																		
			sporadic shearing, lower contact is sheared gouge contact,																		
			minimum of 5 cm thick. Recovery = 40%																		
26.3	26.9		Brown-grey mottled quartz breccia												26.3	26.9	168401	247			
			vuggy breccia, upper contact sheared, core angle = 45°,																		
			coarse layering of fragments also at 45° to core axis, 20%																		
			siderite, trace - 5% disseminated pyrite, 10% brecciated																		
			quartz vein material?																		
26.9	30.0		Black argillite, finely laminated, poor core angle from 10-35°												26.9	28.4	168402	4			
			generally ~ 15°, portion highly sheared, particularly where												28.4	30.0	168403	<2			
			graphitic, 15% random brecciated quartz veining, core recov-																		
			ery 90%																		
			27.4 - highly sheared angle = 75°																		
30.0	42.6		Siliceous graphitic argillite, light to dark grey with graphitic												30.0	31.5	168404	11			
			layers, laminae are up to 1/2 cm wide, cross-cutting quartz												31.5	38.5	NS				
			veins brecciated make up 15% of unit. Very poor core												38.5	40.0	168405	6			
			angles 0-10°, trace - 2% pyrite												40.0	41.5	168406	11			
			30.0-30.2 - brecciated quartzite with later quartz veining,												41.5	42.6	168407	7			
			10% pyrite																		
			33.4-33.7 - highly sheared																		
			core angle = 34.0 - 15°																		
			35.0 - 25°																		
			core recovery 30.0-35.2 = 100%																		
			35.0-40 - slightly calcareous core angle continue to be poor,																		
			10% calcite, veining (minor quartz), sections very graphitic,																		
			no sulphide. core angle - 0 - 10°.																		
			40.0-40.7 - sheared argillite and fault gouge, core angle =30°																		
			40.7-42.6 - highly sheared argillite with 10% gouge, core																		

HEMLO GOLD MINES INC.

Piglet 25

DATE COLLARED Oct.1/95	DATE COMPLETED Oct. 14/95	CORE SIZE HQ	DIP TESTS				PROPERTY Hyland Gold		PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE					SHEET 2 OF 6	MAGNETIC DECLINATION
LAT. 39 + 08N	ELEV. 1070m	DIP -45°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No. 95-06	LOGGED BY G. Bidwell
DEP. 26 + 05E	LENGTH 127.1m	BEARING 090°	127.1		50°	43°	DEP.	LENGTH	BEARING		DATE October 6, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY				FROM	TO					FROM	TO	SAMPLE No.	Au ppb			
			angle = 0°, slightly calcareous, near bottom contact core																			
			angle steepens to 45°. bottom contact highly sheared, no																			
			sulphides evident.																			
			core recovery 35.2 - 40.6 = 95%																			
42.6	45.9		Light green quartz phyllite with minor quartz argillite,													42.6	44.3	168408	6			
			light greenish grey, finely laminated core angle variable from													44.3	45.9	168409	11			
			20 - 45°, average 35° folding along core axis, no sulphides																			
			seen, upper contact highly sheared, gouge contact																			
			45.2-45.9 - sheared phyllite with 15% quartz veining																			
			core recovery = 90%																			
45.9	57.1		Siliceous black graphitic argillite, minor calcareous units,													45.9	47.5	168410	7			
			dark grey to black, core angle very poor													47.5	49.0	168411	2			
			45.9-46.7 - 25% cross cutting quartz veining, no sulphide													49.0	50.5	168412	5			
			47.0 - core angle = 90°													50.5	52.0	168413	16			
			48.0 - core angle = 30°													52.0	53.7	168414	13			
			49.0 - core angle = 25°													53.7	55.4	168415	11			
			50-53 - core angle = 0°													55.4	57.1	168416	77			
			core recovery 45.9 - 52.9 = 100%																			
			54 - core angle = 30°, 5% pyrite																			
			55 - core angle = 0°, 5% pyrite																			
			55.80-57.1 - very graphitic sheared section, core angle = 0°,																			
			10% pyrite																			
57.1	62.2		Mottled quartz breccia, light brown in colour, vuggy, 15-40%													57.1	58.6	168417	1435			
			pyrite, 10% brecciated quartz vein													58.6	59.8	168418	574			
			57.1-57.8 - averages ~ 50% pyrite, very vuggy													59.8	61.0	168419	302			
			57.8-58.1 - highly sheared graphite argillite													61.0	62.2	168420	862			
			58.1-62.2 - brecciated quartzite, silicified 50-90%, quartz,																			
			core recovery = 100%																			
62.2	63.1		Sheared black argillite/gouge, massive dark grey/black, 10 -													62.2	63.1	168421	1233			
			15% pyrite, 10-20% quartz vein material																			
			fault zone - 100% recovery																			
63.1	66.2		Felsite dyke (altered) fine grained, light green, rounded													63.1	64.6	168422	32			
			oolites, probably altered feldspar phenocrysts, white to light													64.6	66.2	168423	51			
			brown in color, up to 1/2 cm in diameter, less altered portion																			
			of dyke is darker green in color (fine grained diabase?),																			

HEMLO GOLD MINES INC.

Piglet 25

DATE COLLARED Oct.1/95	DATE COMPLETED Oct. 14/95	CORE SIZE HQ	DIP TESTS					PROPERTY Hyland Gold	PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES			DEPTH	BEARING		ANGLE				SHEET 3 OF 6	MAGNETIC DECLINATION
LAT. 39 + 08N	ELEV. 1070m	DIP -45°		RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No. 95-06	LOGGED BY G. Bidwell
DEP. 26 + 05E	LENGTH 127.1m	BEARING 090°	127.1			50°	43°	DEP.	LENGTH	BEARING		DATE October 6, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY				FROM	TO					FROM	TO	SAMPLE No.				
			dyke is very soft, minor quartz veining particularly on upper																			
			contact, altered material very crumbly oolites are hard, clay																			
			altered, core recovery = 95°																			
66.2	67.3		Mottled, quartz breccia (as 57.1-62.2) with 1/3 sheared													66.2	67.3	168424	363			
			black argillite, core angle of shearing ~ 70%																			
67.3	68.1		White silica altered quartzite breccia - well broken up, black													67.3	68.1	168425	60			
			argillite fragments, 2-10% disseminated pyrite, minor																			
			chalcedonic veining.																			
68.1	68.9		Laminated black argillite, sheared - mm sized laminae,													68.1	68.9	168426	85			
			5-10% pyrite, 10-15% quartz veining																			
			69.0 - core angle = 85°																			
68.9	75.3		Solid sulphides, similar to NSS in 95-05 except finer grained.													68.9	70.5	168427	745			
			Very fine grained generally faint banding in sections													70.5	72.0	168428	357			
			generally 55° core angle													72.0	73.5	168429	222			
			68.9-70.6 - 80-90% sulphides, all pyrite - remaining quartz													73.5	74.6	168430	241			
			70.6-71.1 - silicified quartzite (as 67.3-68.1) with 15-25%													74.6	75.3	168431	347			
			pyrite infilling matrix																			
			71.1-74.6 as 68.9 - 70.6 - very fine grained																			
			68.9-74.6 - recovery = 100%																			
			75.0-75.3 - 50% sulphide, 30% quartz, 20% argillite,																			
			moderate shearing																			
75.3	77.7		Siliceous argillite breccia and gouge, 5-40% pyrite, averages													75.3	76.5	168432	25			
			15%, gouge is very black (graphitic)													76.5	77.7	168433	84			
77.7	78.7		Mottled quartz breccia and black argillite gouge, quartz													77.7	78.7	168434	646			
			breccia is 40% pyrite as infilling in breccia, typical white to																			
			light brown quartz breccia																			
78.7	79.9		Fault zone, argillite gouge, 15% quartz vein fragments, 10 -													78.7	79.9	168434	646			
			20% pyrite																			
79.9	85.0		Quartzite with argillite bands, well laminated, shearing in													79.9	81.2	168435	98			
			argillite, up to 15% pyrite, averages 8% some quartz flooding,													81.2	82.5	168436	44			
			generally weak, well sheared on upper contact													82.5	83.8	168437	77			
			83.1-83.9 - well sheared, mottled in places with chalcedonic													83.8	85.0	168438	215			
			veining																			
			84.0-84.5 - minor mottled breccia, 25° pyrite, overall																			
			recovery = 100%																			

HEMLO GOLD MINES INC.

Piglet 25

DATE COLLARED Oct.1/95	DATE COMPLETED Oct. 14/95	CORE SIZE HQ	DIP TESTS				PROPERTY Hyland Gold		PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES			DEPTH	BEARING		ANGLE				SHEET 4 OF 6	MAGNETIC DECLINATION
LAT. 39 + 08N	ELEV. 1070m	DIP -45°		RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No. 95-06	LOGGED BY G. Bidwell
DEP. 26 + 05E	LENGTH 127.1m	BEARING 090°	127.1			50°	43°	DEP.	LENGTH	BEARING		DATE October 6, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY				FROM	TO					FROM	TO	SAMPLE No.	Au ppb			
85.0	86.8		Phyllite - light greenish grey laminated phyllite, minor													85.0	86.8	168439	11			
			quartz, no pyrite, ~90° sericite																			
			core angle = 70 - 90°																			
86.8	91.8		Alternating quartzite and black siliceous argillite, well													86.8	88.5	168940	320			
			brecciated in both units, 65% quartzite/35% argillite,													88.5	90.2	168941	151			
			upper contact 86.8-87.1 is 20% pyrite,													90.2	91.8	168942	35			
			87.1-88.2 - 15% pyrite with intense shearing																			
			88.4-88.6 - clay altered																			
			core angle = 60°																			
			89.0-89.7 - well sheared with black gouge																			
			89.7-90.8 - well laminated alternating quartzite and argillite,																			
			erratic foliation averages 65°																			
			overall recovery = 80%																			
			90.8-91.2 - phyllite (same as 85.0-86.8),contains quartzite																			
			fragments																			
91.8	93.0		Felsite dykes (same as 63.1-66.2)smaller oolites upper													91.8	93.0	168443	2			
			contact intensely clay, altered, massive, light to dark green																			
93.0	97.9		White quartzite breccia, some silicification													93.0	94.6	168444	87			
			- variable pyrite, includes siliceous argillite fragments													94.6	96.3	168445	423			
			93.0-93.75 - fine breccia, 20% pyrite stringers													96.3	97.9	168446	199			
			93.75-94.5 - coarse breccia, silica flooded - 5-10% pyrite,																			
			vuggy, massive.																			
			94.5-95.10 - massive quartzite and siliceous argillite - 10%																			
			pyrite in fractures																			
			95.10-95.70 - silica flooded quartzite and siderite, minor																			
			argillite, fractures filling with pyrite = 10%																			
			95.70-97.10 - siliceous argillite breccia moderately sheared																			
			particularly on bottom contact, core angle = 70°																			
			97.10-97.9 - silicified quartzite (quartz flooded) fracture																			
			filled pyrite 5-15%, minor siliceous argillite, overall recovery =																			
			100%																			
97.9	101.3		Quartzite/minor siliceous argillite. Some fracturing and													97.9	99.6	168447	50			
			brecciation but less than before, minor quartz flooding and													99.6	101	168448	80			
			3-10% pyrite, minor vugs (jasperoid), portions banded,																			
			core angles = 70-80°, 100% recovery from now on.																			

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Piglet 25

DATE COLLARED Oct.1/95	DATE COMPLETED Oct. 14/95	CORE SIZE HQ	DIP TESTS				PROPERTY Hyland Gold		PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES			DEPTH	BEARING		ANGLE				SHEET 5 OF 6	MAGNETIC DECLINATION
LAT. 39 + 08N	ELEV. 1070m	DIP -45°		RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No. 95-06	LOGGED BY G. Bidwell
DEP. 26 + 05E	LENGTH 127.1m	BEARING 090°	127.1			50°	43°	DEP.	LENGTH	BEARING		DATE October 6, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY				FROM	TO					FROM	TO	SAMPLE No.	Au ppb			
101.3	104.9		Quartz/argillite breccia - same as above unit only more													101.3	103.1	168449	1127			
			brecciation, fractures filled with siderite and pyrite													103.1	104.9	16845	202			
			103.6-104.9 - more argillite, shearing and quartz flooding																			
104.9	107.0		Massive quartzite, minor siliceous argillite generally well													104.9	106.0	168451	19			
			laminated core angle = 70°													106.0	107.0	168452	22			
107.0	108.0		Quartzite breccia, 10% quartz flooded siderite and pyrite													107.0	108.0	168453	378			
			filled fractures, bottom 0.4 meters is black quartzite breccia																			
			with 30% pyrite infilling																			
108.0	109.3		Quartzite and siliceous argillite, laminated minor brecciation,													108.0	109.3	168454	31			
			core angle consistently 65°, trace to minor pyrite																			
109.3	109.9		Quartzite - silica flooded 40%, up to 10% pyrite, minor													109.3	109.9	168455	125			
			siderite																			
109.9	113.1		Quartzite breccia, minor argillite similar to above unit 2-5%													109.9	111.5	168456	58			
			pyrite													111.5	113.1	168457	151			
			111.6-112.0 - silica flooding																			
			110.5-110.8 - Vuggy (jasperoid looking)																			
			110.8-111.0 - sheared quartzite, core angle = 55°																			
			bedding core angle at 112 = 80°																			
			112.5-113.1 - sheared and silicified lower contact - 15% py.																			
113.1	117.0		Siliceous black argillite with quartzite well laminated, fine													113.1	114.4	168458	23			
			grained													114.4	115.7	168459	54			
			113.40-114.2 - intense shearing, 5% pyrite													115.7	117.0	168460	83			
			114.70-115.0 - 20% pyrite in disseminated bands																			
			115.0-115.4 - quartzite unit, 10% pyrite infilling																			
			116.2-117.0 - sheared argillite as 113.4-114.2																			
			117.0 - 50% pyrite at lower contact																			
117.0	127.1		Massive milky white quartzite, fine grained													117.0	118.4	168461	95			
			117.0-117.6 - 10% silica flooding, 2-5% pyrite													118.4	119.8	168462	59			
			118.0-119.8 - variable silica flooding 10-30%, pyrite 2-15%													119.8	124.9	NS				
			120.8-121.1 - siderite/pyrite veining 20%													124.9	126.0	168463	124			
			123.3-123.6 - quartz vein with X-cutting pyrite vein - 11 cm													126.0	127.1	168464	75			
			wide underlain by sheared quartzite																			
			124.9-125.3 - quartz/siderite/pyrite vein in quartzite,																			
			core angle = 25°																			

HEMLO GOLD MINES INC.

Piglet 25

DATE COLLARED Oct.1/95	DATE COMPLETED Oct. 14/95	CORE SIZE HQ	DIP TESTS					PROPERTY Hyland Gold		PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0°
FIELD CO-ORDINATES			DEPTH	BEARING		ANGLE					SHEET 6 OF 6	MAGNETIC DECLINATION
LAT. 39 + 08N	ELEV. 1070m	DIP -45°		RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No. 95-06	LOGGED BY G. Bidwell
DEP. 26 + 05E	LENGTH 127.1m	BEARING 090°	127.1			50°	43°	DEP.	LENGTH	BEARING		DATE October 6, 1995

FROM	TO	ROCK TYPE	DESCRIPTION	GEOTECH FROM	GEOTECH TO	% RECOVERY				GEOCHEM FROM	GEOCHEM TO					ASSAY FROM	ASSAY TO	SAMPLE No.	Au ppb			
			125.3-127.10 - 10% silica flooding in quartzite, 2-4% pyrite																			
127.1			E.O.H.																			

HEMLO GOLD MINES INC.

Sow 3

DATE COLLARED Oct. 5/95	DATE COMPLETED Oct. 8/95	CORE SIZE HQ	DIP TESTS				PROPERTY Hyland Gold		PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE					SHEET 1 OF 5	MAGNETIC DECLINATION
LAT. 42 + 60 N	ELEV. 990M	DIP -55°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No. 95-07	LOGGED BY G. Bidwell
DEP. 21 + 00E	LENGTH 159.1M	BEARING 090°					DEP.	LENGTH	BEARING		DATE October, 1995

				GEOTECH				GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY		FROM	TO					FROM	TO	SAMPLE No.	Au ppb			
0	9.8		Overburden											9.8	17.8	NS				
9.8	12.6		Black siliceous argillite, brecciated but silicified, (healed																	
			breccia), excellent core recovery from start of bedrock,																	
			breccia fragments cemented with silica, breccia is basic-																	
			ally in place, retain bedding (along core axis) - 0°																	
			- very minor rust in fractures																	
			- at lower contact 2-5% pyrite in fractures, minor quartz																	
			veins cutting argillite (10% pyrite), 100% recovery.																	
12.6	17.8		Quartzite - massive, fine grained, faint banding along core																	
			axis (0° core angle) - 5% quartz flooding, trace pyrite, 100%																	
			recovery																	
			- light grey																	
17.8	28.8		Grey to black argillite with minor quartzite healed for most											17.8	18.9	168465	373			
			part, except for upper contact only trace of pyrite, unaltered,											18.9	28.8	NS				
			banding in argillite and quartzite dominantly along core axis.																	
			17.8-18.9 - 10% vuggy quartz vein along core axis and 20%																	
			pyrite.																	
			18.9-19.3 - same as 17.8-18.9 - 40% quartz vein and ~ 2%																	
			sulphide																	
			19.3-19.8 - massive quartzite; core angle = 0°																	
			19.8-20.4 - 50% quartz vein along axis, no sulphides																	
			22.1-22.2 - 15% pyrite in fractures																	
			22.2-24.9 - same healed argillite; breccia with minor																	
			quartzite; (~ 15%) and 0° core angle																	
			24.9-25.3 - later shearing; core angle = 55° (10% pyrite)																	
			28-29 - slightly graphitic; core angle averages 15°																	
28.8	45.9		White to light grey quartzite with argillite interbeds, quartzite											28.8	31.10	168466	21			
			generally massive with some faint banding, argillite is banded,											31.1	34.2	NS				
			low core angles, minor silica flooding, traces to minor											34.2	35.0	168467	6			
			sulphides.											35.0	37.4	NS				
			28.8-31.10 - generally massive quartzite; 15% quartz veining											37.4	39.5	168468	4			
			and silica flooding.											39.5	43.9	NS				
			29.6-30.2 - poor recovery 25%, broken up argillite, 5% pyrite											43.9	44.8	168469	22			
			30.2-31.1 - quartz veining and quartz flooding with 10%											44.8	47.5	NS				
			pyrite mainly in quartz vein.																	

HEMLO GOLD MINES INC.

Sow 3

DATE COLLARED Oct. 5/95	DATE COMPLETED Oct. 8/95	CORE SIZE HQ	DIP TESTS				PROPERTY Hyland Gold		PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE					SHEET 2 OF 5	MAGNETIC DECLINATION
LAT. 42 x 60 N	ELEV. 990M	DIP -55°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No. 95-07	LOGGED BY G. Bidwell
DEP.	LENGTH 159.1M	BEARING 090°					DEP.	LENGTH	BEARING		DATE October , 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY				FROM	TO					FROM	TO	SAMPLE No.	Au ppb			
			32.0 - core angle 35°																			
			34.3-35.0 - 20% silica flooded with 5% pyrite																			
			35.0 - core angle = 0°																			
			36.0 - core angle = 30°																			
			37.4-38.0 - quartzite with 10% argillite interbeds, 2% pyrite,																			
			healed shearing, core angle = 0°																			
			38.0-39.5 - silica flooded quartzite; 30% flooding, sporadic																			
			pyrite, few belbs of Chalcopyrite																			
			40.0 - core angle = 0°																			
			41.0 - core angle = 0°																			
			43.0 - core angle = 0°																			
			43.9-44.8 - open fracture along core axis with breccia																			
			fragments; 2-5% pyrite																			
			45.0 - core angle = 5°																			
45.9	49.4		Black argillite with minor quartzite brecciated and quartz													47.5	49.4	168470	<2			
			healed, up to 15%																			
			46.0 - core angle = 0°																			
			48.0 - core angle = 0°																			
49.4	69.6		Grey argillite-generally laminated light grey to black argillite,													49.4	56.6	NS				
			poor core angles, few quartzite horizons, minor but variable													56.6	57.7	168471	17			
			quartz veining, trace - 2% pyrite.													57.7	59.2	168472	22			
			50.0 - core angle 5°													59.2	60.6	168473	18			
			51.0 - core angle 0°, 20% quartz veining													60.6	63.9	NS				
			52.0 - core angle 0°													63.9	65.1	168474	7			
			53-54 - core angle 0°													65.1	69.6	NS				
			55.9-56.6 - massive argillite																			
			56.6-57.7 - brecciated grey argillite, 2% pyrite																			
			57.7-59.4 - brecciated argillite, 10% silica, 2-7% pyrite																			
			veining																			
			59.4-59.9 - 70% vuggy quartz vein, 5-10% pyrite																			
			59.9-60.6-well banded grey argillite, 2-5% pyrite																			
			61.0 - core angle = 25°																			
			62 - core angle = 20°																			
			63 - core angle = 0°																			
			63.9-64.2-quartz veins, 0.2m wide																			

HEMLO GOLD MINES INC.

Sow 3

DATE COLLARED Oct. 5/95	DATE COMPLETED Oct. 8/95	CORE SIZE HQ	DIP TESTS				PROPERTY Hyland Gold		PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE					SHEET 3 OF 5	MAGNETIC DECLINATION
LAT. 42 x 60 N	ELEV. 990M	DIP -55°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No. 95-07	LOGGED BY G. Bidwell
DEP.	LENGTH 159.1M	BEARING 090°					DEP.	LENGTH	BEARING		DATE October, 1995

				GEOTECH						GEOCHEM					ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY				FROM	TO				FROM	TO	SAMPLE No.	Au ppb			
			68.0 - core angle = 30°																		
			69.0 - core angle = 30°																		
69.6	77.2		Black argillite breccia finely laminated, dark grey to black												69.6	71.0	168475	27			
			5% quartz veining												71	72.4	168476	22			
			70.0 - core angle = 15°												72.4	73.8	168477	16			
			71.0 - core angle = 0°												73.8	77.2	NS				
			69.6-73.8 - well brecciated, 5% pyrite in matrix, increase in																		
			brecciation and shearing near bottom contact																		
			75.0 - core angle = 15°																		
			76.0 - core angle = 0°																		
			77.0 - core angle = 40°																		
77.2	81.7		Quartzite and grey argillite, generally massive, fine grained												77.2	79.2	168478	7			
			77.2-79.1 - silica flooding												79.2	84.4	NS				
			78.0 - core angle 20°																		
			79-81 - core angle 0°																		
81.7	97.5		Black argillite breccia, fine grained finely laminated, healed												84.4	85.9	168479	24			
			breccia with silica (10%), minor quartz veining (2-5%), trace -												85.9	87.5	168480	19			
			2% pyrite												87.5	94.0	NS				
			82.3-82.5 - quartz vein 15cm wide, core angle = 40°												94.0	95.8	168481	18			
			84.4-87.5 - increase in brecciation and pyrite - 5-10%												95.8	97.5	168482	11			
			88 - core angle = 0°																		
			90 - core angle = 0°, 5% pyrite																		
			90.3-91.0 - 50% grey argillite																		
			94.0 - 97.5 - 10% quartz veining, 15% pyrite dominantly as																		
			fracture filling and veins bottom contact core angle = 40°																		
97.5	101.8		White quartzite - fine grained, massive highly fractured												97.5	99.0	168483	24			
			97.5-98.1 - 5-10% pyrite, 10% silica flooding												99.0	100.4	168484	4			
			98.1-101.8 - 25% veining and silica flooding, trace - 5%												100.4	101.8	168485	<2			
			pyrite																		
101.8	106.1		Grey-black argillite, fine grained, finely laminated, erratic												101.8	103.2	168486	4			
			breccia of grey and black argillite, minor quartz veining (2 -												103.2	104.6	168487	21			
			5%) up to 5% pyrite												104.6	106.1	168488	16			
			upper contact angle = 40°																		
			102.0 - core angle = 0°																		
			105.2-105.5 - quartzite																		

HEMLO GOLD MINES INC.

Sow 3

DATE COLLARED Oct. 5/95	DATE COMPLETED Oct. 8/95	CORE SIZE HQ	DIP TESTS				PROPERTY Hyland Gold		PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE					SHEET 4 OF 5	MAGNETIC DECLINATION
LAT. 42 x 60 N	ELEV. 990M	DIP -55°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No. 95-07	LOGGED BY G. Bidwell
DEP.	LENGTH 159.1M	BEARING 090°					DEP.	LENGTH	BEARING		DATE October , 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY				FROM	TO					FROM	TO	SAMPLE No.	Au ppb			
106.1	113.3		Sheared black argillite, very poor core angle, graphitic in													106.1	107.4	168489	5			
			portions, 15% quartz vein fragments, (5-10%) minor siderite													107.4	109.0	168490	25			
			quartzite fragments 25%, shearing confined to black argillite,													109.0	110.5	168491	39			
			10% pyrite, core angle of shearing erratic													110.5	112.0	168492	55			
			110-1-110.6 - most intense shearing (argillite gouge)													112.0	113.3	168493	214			
			111.8-112.1 - brecciated vuggy quartz vein													113.3	114.8	168494	17			
111.3	132.9		Grey massive quartzite, fine grained, minor interlayered													114.8	119.5	NS				
			argillite, < 5% quartz veining, trace sulphide, low core angles													119.5	121.0	168495	7			
			upper contact - shear gouge													121.0	129.2	NS				
			113.3-114.8 - 20% argillite, core angle of bedding = 40°													129.2	131.2	168496	20			
			118 - core angle = 30°													131.2	132.9	168497	5			
			119.5-121.0 - sheared quartzite, minor argillite, core angle =																			
			30°																			
			126.0 - argillite interlayers, core angle = 0°																			
			129.2-131.2 - sheared argillite quartzite																			
			60% core recovery, 5% pyrite																			
			131.2-131.9 - vuggy quartzite, trace pyrite, 10% veining and																			
			silica flooding																			
			131.9-132.9 - sheared quartzite, argillite, trace veining and																			
			pyrite																			
132.9	141.4		Black argillite, finely laminated, core angles very good,													132.9	134.3	168498	21			
			graphitic in sections, 10% siderite, < 5% pyrite, 5% quartz													134.3	135.6	168499	47			
			veining													135.6	145.5	NS				
			132.9-135.6 - variable brecciation, up to 20% pyrite,																			
			generally 10%																			
			136.0 - core angle = 0°																			
			137 - core angle = 15°																			
			137.8-137.9 - 5 cm wide shear with argillite gouge and 25%																			
			quartz siderite veining																			
			139 - core angle = 5°																			
			141 - core angle = 0°																			
141.4	147.1		Light argillite - alternating with minor black argillite, very													146	147	168500	10			
			well laminated, core angles 0 - 15°, minor sheared																			
			sections, trace quartz veining and pyrite in fractures.																			
			145.7-147.1 - folded and sheared argillite near contact, some																			

HEMLO GOLD MINES INC.

Sow 3

DATE COLLARED Oct. 5/95	DATE COMPLETED Oct. 8/95	CORE SIZE HQ	DIP TESTS				PROPERTY Hyland Gold	PROJECT NO. 214	N.T.S. No. 95D/12	GRID NORTH (W.R.T. TRUE) 0
FIELD CO-ORDINATES		DEPTH	BEARING		ANGLE				SHEET 5 OF 5	MAGNETIC DECLINATION
LAT. 42 x 60 N	ELEV. 990M	DIP -55°	RECORDED	CORRECTED	RECORDED	CORRECTED	LAT.	ELEV.	DIP	HOLE No. 95-07	LOGGED BY G. Bidwell
DEP.	LENGTH 159.1M	BEARING 090°					DEP.	LENGTH	BEARING		DATE October, 1995

				GEOTECH						GEOCHEM						ASSAY						
FROM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	% RECOVERY				FROM	TO					FROM	TO	SAMPLE No.	Au ppb			
			quartz flooding (10%) and quartz veined - core angles =																			
			0 - 45°																			
147.1	153.9		Mixed argillite and quartzite, minor silica flooding, core													147.1	148.5	168501	11			
			angle 0 - 15°, up to 7% pyrite, average 3%, quartzite													148.5	157.0	NS				
			massive, argillite laminated.																			
153.9	159.1		Black argillite, fine grained laminated sheared upper contact,													157.0	159.1	168503	6			
			core angle 0 - 20° includes 20% grey massive argillite,																			
			black argillite often fractures																			
			157.0-159.1 - mainly black argillite breccia - 10% pyrite,																			
			0 - 5° core angle.																			
159.1			E.O.H.																			

APPENDIX II

DRILL CORE ANALYSIS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

Hemlo Gold Mines PROJECT 214 File # 95-4276 Page 1

100 - 1285 W. Pender St., Vancouver BC V6E 4B1

SAMPLE#	Au** ppb
168301	4
168302	34
168303	5
168304	9
168305	3
168306	16
168307	4
168308	6
168309	5
168310	6
RE 168310	5
RRE 168310	4
168311	4
168312	2
168313	<2
168314	12
168315	6
168316	8
168317	4
168318	8
168319	11
168320	3
168321	5
168322	6
168323	2
168324	3
RE 168324	5
RRE 168324	5
168325	10
168326	4
168327	3
168328	34
168329	20
168330	6
168331	8
168332	52
168333	566
STANDARD AU-R	490

30 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE.
- SAMPLE TYPE: CORE
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 23 1995 **DATE REPORT MAILED:** Oct 27/95 **SIGNED BY** .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Au** ppb
168334	99
168335	776
168336	124
168337	91
168338	26
168339	11
168340	10
168341	8
168342	5
168343	6
168344	180
168345	428
RE 168345	398
RRE 168345	231
168346	10
168347	224
168348	142
168349	142
168350	1012
168351	350
168352	667
168353	250
168354	457
168355	340
RE 168355	340
RRE 168355	355
168356	136
168357	190
168358	91
168359	188
168360	283
168361	285
168362	101
168363	57
168364	92
168365	260
168366	74
STANDARD AU-R	518

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Au** ppb
168367	95
168368	113
168369	184
168370	239
168371	114
168372	54
168373	124
168374	139
168375	211
168376	311
168377	59
168378	108
168379	192
168380	156
RE 168380	153
RRE 168380	150
168381	232
168382	589
168383	35
168384	21
168385	384
168386	477
168387	33
168389	339
168390	113
168391	41
168392	23
168393	10
168394	13
RE 168394	8
RRE 168394	13
168395	74
168396	333
168397	305
168398	21
168399	49
STANDARD AU-R	501

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Au** ppb
168400	33
168401	247
168402	4
168403	<2
168404	11
168405	6
168406	11
168407	7
168408	6
168409	11
168410	7
168411	2
RE 168411	<2
RRE 168411	3
168412	5
168413	16
168414	13
168415	11
168416	77
168417	1435
168418	574
168419	302
168420	862
168421	1233
168422	32
168423	51
RE 168423	63
RRE 168423	12
168424	363
168425	60
168426	85
168427	745
168428	357
168429	222
168430	241
168431	347
168432	25
STANDARD AU-R	493

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Au** ppb
168433	84
168434	646
168435	98
168436	44
168437	77
168438	215
168439	11
168440	320
168441	151
168442	35
168443	2
RE 168443	5
RRE 168443	4
168444	87
168445	423
168446	199
168447	50
168448	80
168449	1127
168450	202
168451	19
168452	22
168453	378
RE 168453	364
RRE 168453	329
168454	31
168455	125
168456	58
168457	151
168458	23
168459	54
168460	83
168461	95
168462	59
168463	124
168464	75
168465	373
STANDARD AU-R	507

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Au** ppb
168466	21
168467	6
168468	4
168469	22
168470	<2
168471	17
168472	22
168473	18
168474	7
168475	27
168476	22
168477	16
168478	7
168479	24
RE 168479	18
RRE 168479	16
168480	19
168481	18
168482	11
168483	24
168484	4
168485	<2
168486	4
168487	21
168488	16
168489	5
168490	25
168491	39
168492	55
168493	214
RE 168493	213
RRE 168493	209
168494	17
168495	7
168496	20
168497	5
168498	21
STANDARD AU-R	493

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Au** ppb
168499	47
168500	10
168501	11
168502	6
RE 168502	5
RRE 168502	5
171995	12
171996	33
171997	57
171998	179
171999	61
STANDARD AU-R	442

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

51°
127°50'
49°
60°30'

N

ROY LAKE

QUIVER 23 | QUIVER 25 | QUIVER 24

LAKE

SOW 5 | SOW 4 | HAM 11 FR | QUIVER 21 | QUIVER 22 | HAM 10 FR | QUIVER 11 | BOAR 1 | HAM 9 FR

QUARTZ

DDH # 95 - 7

SOW 3 | SOW 2 | PIGLET 2 | PIGLET 1 | PIGLET 18 | PIGLET 17 | QUIVER 12 | BOAR 2

SOW 1 | PIGLET 25 | DDH # 95 - 6 | PIGLET 4 | PIGLET 3 | PIGLET 20 | PIGLET 19 | QUIVER 1 | BOAR 3

BOAR 18 | BOAR 17 | HAM 1 FR

DDH # 95 - 5

BOAR 20 | BOAR 19 | PIGLET 26 | PIGLET 27 | PIGLET 6 | PIGLET 5 | PIGLET 22 | PIGLET 21 | QUIVER 2 | BOAR 4

HAM 8 FR | HAM 7 FR | HAM 6 FR

BOAR 22 | BOAR 21 | PIGLET 28 | PIGLET 29 | PIGLET 8 | PIGLET 7 | PIGLET 24 | PIGLET 23 | QUIVER 30 | BOAR 5

BOAR 24 | BOAR 23 | PIGLET 30 | PIGLET 31 | PIGLET 10 | PIGLET 9 | PIGLET 14 | PIGLET 13 | QUIVER 32 | BOAR 6

HAM 2 FR | HAM 3 FR | HAM 4 FR | HAM 5 FR

BOAR 26 | BOAR 25 | BOAR 16 | PIGLET 32 | PIGLET 12 | PIGLET 11 | PIGLET 16 | PIGLET 15 | QUIVER 34 | BOAR 7

BOAR 10 | BOAR 9 | BOAR 8

BOAR 28 | BOAR 27 | BOAR 15 | BOAR 14 | BOAR 13 | BOAR 12 | BOAR 11

51° 127°50' 49°

Figure 3

100 50 0 100 200 300 400M.

REVISED	HYLAND GOLD
	093465 DWG 1
	CLAIMS/DRILL PLAN
PROJ.No. ND214	SURVEY BY: G.BIDWELL DATE: FEB.8.1996
N.T.S. 95D/12	DRAWN BY: G.MARTIN SCALE: 1:5000
DWG No.	HEMLO GOLD MINES INC.
	OFFICE: VANCOUVER