D.D.H. REPORT

ON THE

PICKLE CROW PROPERTY

PICKLE LAKE AREA

FOR

HIGHLAND-CROW RESOURCES LKTD.

PHASE I

L.D.S. Winter
B.A.Sc., M.Sc., F.C.A.C.
February 25, 1986

TABLE (

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1. INTRODUCTION

The Pickle Crow property of Highland-Crow Resources Ltd. is located approximately 250 miles north of Thunder Bay, Ontario (Figure 1). Gold was discovered on the property by John MacFarlane in 1928 and subsequent exploration work identified economic gold mineralization. Production commenced at the adjacent Central Patricia property in 1934 and in 1935 at Pickle Crow. From this time until 1966 Pickle Crow Gold Mines produced 1,446,214 oz. of gold from 3,070,475 tons of ore for a recovered grade of 0.452 oz. Au/ton.

Highland-Crow began its exploration of the Pickle Crow property in August, 1985. Initial work included old mine data compilation and resampling of the Gallant core. Control lines were cut from the Albany shaft area, southwestwards to the No. 5 vein area. A program of stripping, trenching and sampling followed with some reconnaissance prospecting over various parts of the property.

This phase concluded with a drilling programme carried out by Canadian Longyear from December, 1985 to February, 1986.

The following report summarizes the available information and the results of this recently completed drilling programme.

2. SUMMARY

The Pickle Lake property consists of 98 contiguous, patented mining claims totalling 3,912 acres in Connell and McCullagh townships, District of Kenora (Patricia Portion), Pickle Lake, Ontario.

The property is located in the central part of the Pickle Lake metavolcanic belt which consists of an isoclinally folded sequence of

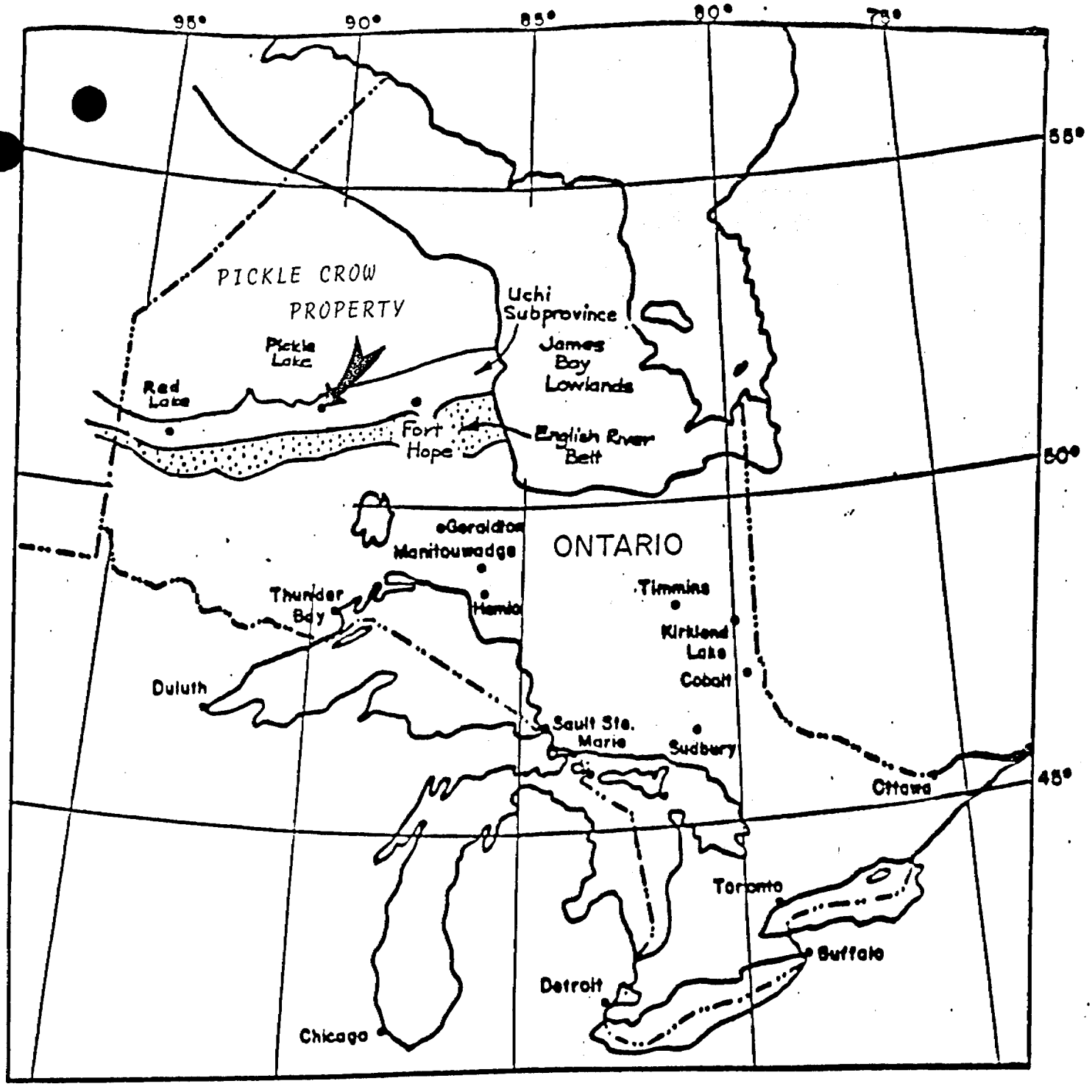

FIGURE I.

GENERAL LOCATION MAP

PICKLE CROW PROPERTY

ONTARIO

To accompany the report for

HIGHLAND-CROW RESOURCES LTD.

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northeasterly striking and steeply-dipping mafic metavolcanics and metasediments with intercalated iron formation horizons. Porphyries are common through the belt and diapiric granites have intruded the southwestern part of the region.

The mineralization in the area consists of both free gold and gold associated with sulphides and arsenopyrite. Mineable gold deposits mainly occur as narrow quartz-carbonate veins and as fractured iron formation mineralized with sulphides and quartz-carbonate stringers.

The Pickle Crow property is underlain by tightly folded mafic metavolcanics, iron formation and porphyries. Gold was mined from narrow quartz-carbonate veins and to a lesser extent from mineralized iron formation. The first phase of the diamond drill programme was completed in February, 1986 and a total of 11,145.50 feet were drilled in 26 holes. Drilling was directed to two mineralized iron formations in the number 1 and number 5 vein areas.

Respectfully submitted,

L.D.S. Winter

L.D.S. Winter
B.A.Sc., M.Sc., F.G.A.C.
February 25, 1986

3. PROPERTY LOCATION AND ACCESS

The Pickle Crow Property consists of 98 contiguous patented mining claims aggregating 3,912 acres in Connell and McCullagh townships, northwestern Ontario, Kenora Mining Division. The patented claims are held under lease from Teck Corporation until the year 2067.

Located approximately 250 air miles north of the city of Thunder Bay, Ontario, access is gained via Trans Canada highway No. 17 from Thunder Bay to Ignace, then northward on provincial highway No. 599 some 187 miles to the village of Central Patricia, where a good gravel road leads eastward for 4 miles and crosses the total claim group. The town of Pickle Lake is situated 6 miles west of the property, has a population of about 400 people, all normal utilities, and an airport with regularly scheduled flights to Thunder Bay.

4. CLAIM DESCRIPTION

The Pickle Crow property consists of 98 contiguous patented mining claims as follows (Figure 2); (after Plans G.2009 Dona Lake and G.2231, Tarp Lake, Ministry of Natural Resources):

CLAIM NUMBER	NUMBER OF CLAIMS
Pa 63 to 70 inclusive	8
Pa 637 to 640 inclusive	4
Pa 644 and 646	2
Pa 675 to 677 inclusive	3
Pa 684 to 686 inclusive	3
Pa 696 to 707 inclusive	12
Pa 725 to 730 inclusive	6
Pa 735 to 751 inclusive	17
Pa 755 to 763 inclusive	9
Pa 773 to 781 inclusive	9
Pa 2011	1
Pa 2061 to 2078 inclusive plus 2062A	19
Pa 2133	1
Pa 2139 to 2141 inclusive	3
Pa 2185	1
TOTAL	98

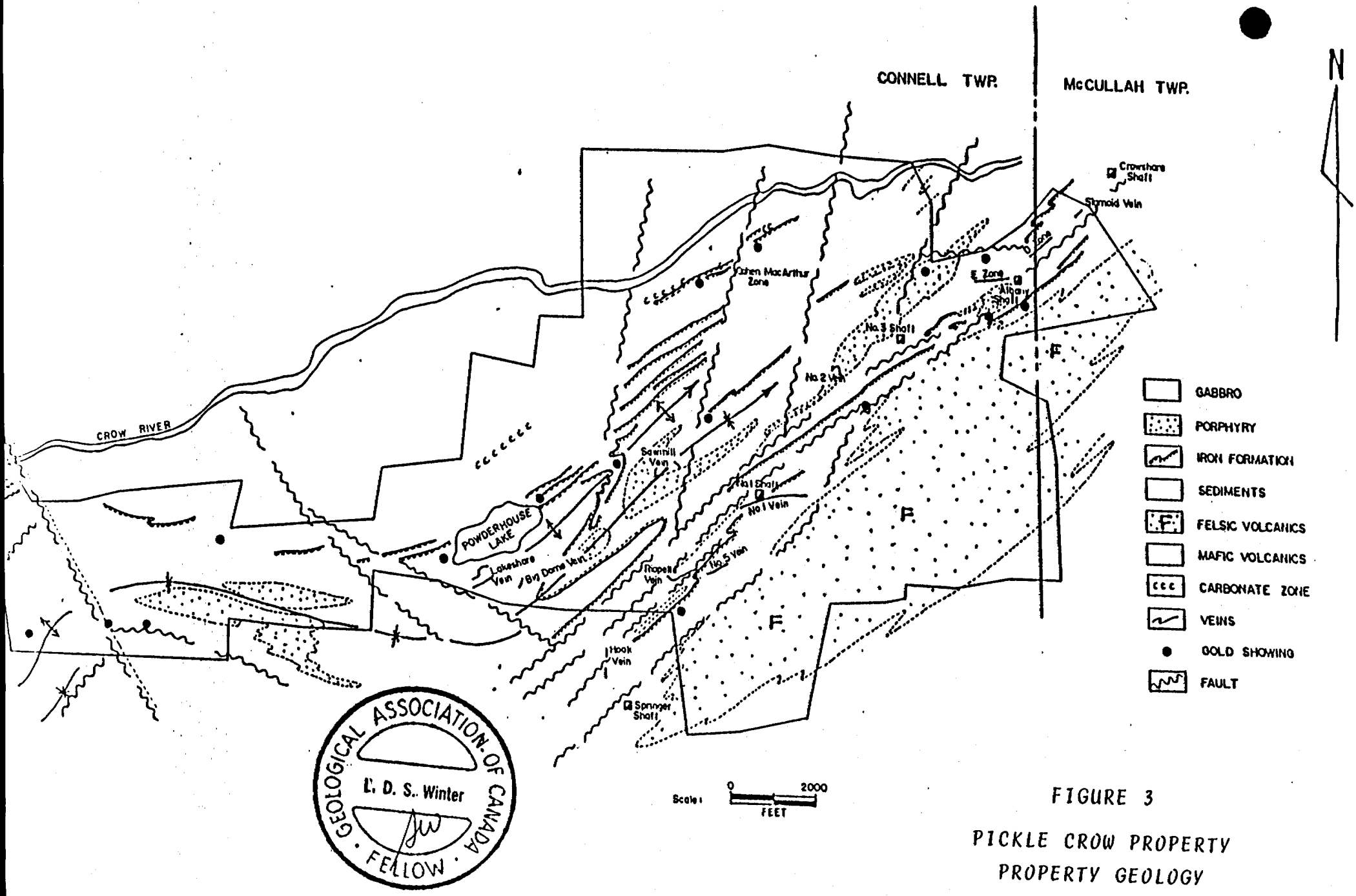

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FIGURE 3

PICKLE CROW PROPERTY

PROPERTY GEOLOGY

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5. PROPERTY GEOLOGY

The Pickle Crow property is located in the northcentral part of the Pickle Lake metavolcanic belt, immediately north of the Hooker-Burkoski stock and along the northern flank of a massive felsic volcanic accumulation (Figure 3).

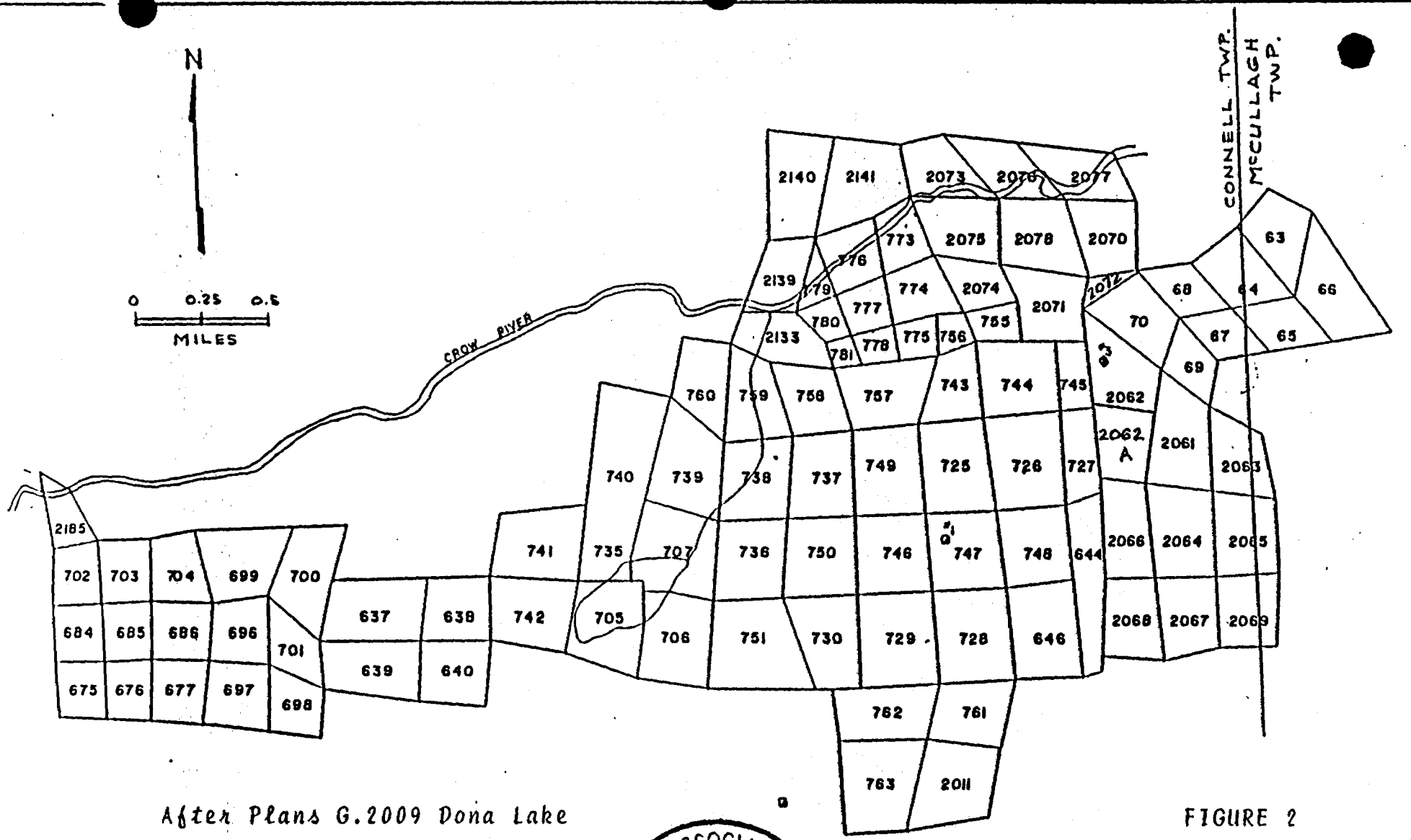
Much of the property is underlain by massive, fine-grained meta-basalt flows, pillowed flows with local coarse flows or synvolcanic mafic intrusives mapped as diorites. Overlying these rocks are felsic flows, pyroclastics, tuffs and fragmentals, interflow sediments including argillite-greywacke and banded magnetite-chert iron formation. Iron formation units are numerous throughout the stratigraphy and consist mainly of magnetite-chert with lesser carbonate and sulphide facies.

Quartz and quartz-feldspar porphyry dikes and stocks intrude the aforementioned rocks. They are commonly pinkish in colour and often are altered to sericite. Gabbro, diabase and lamprophyre stocks and dykes are also present on the property.

All of these lithologies have been subjected to intensive folding and faulting and form a northeasterly trending sequence of anticlinoria-synclinoria. These isoclinal folds dip to the northwest and are overturned on the southeastern limbs. A well developed schistosity is imprinted on the volcanic rocks conforming with the dip of the bedding and with the axial plane cleavage of the latest period of folding.

The main Pickle Crow shear zone (fault) trends northeastly and dips to the northeast through the central-eastern part of the property. Later north-south to north-west faulting has resulted in significant offsets of the stratigraphy as shown in Figure 3.

Widespread zones of alteration are evident on the Pickle Crow property and include silicification, iron-carbonate alteration,



After Plans G.2009 Dona Lake and G.2231 Tarp Lake, Ministry of Natural Resources, Ontario

FIGURE 2

PICKLE CROW PROPERTY

CLAIM MAP

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chloritization and sericitization. Most of the known gold deposits and occurrences are associated with these large alteration zones.

All of the rocks on the property have undergone regional metamorphism to the upper greenschist facies with local areas having a mineralogy corresponding to lower amphibolite facies.

6. WORK DONE

Table 1 summarizes the 26 holes drilled to test the #1 and #5 IF.

No. 1 Iron Formation Zone

The No. 1 zone mineralization outcrops in the iron formation surrounding the No. 1 vein. Significant widespread intersections suggest the possibility of mineralization amendable to open pit mining.

A summary of drill intersections in the #1 IF put down by Highland-Crow representing this area is as follows:

DDH #	LOCATION	DIP	AZIMUTH	FROM(ft)	TO (ft)	WIDTH(ft)	GRADE OZ/TON
HC-85-1	52S-25W	-60	350	4	44	40	0.20
HC-85-2	52S-35W	-70	170	12	32	20	0.163
HC-85-3	38S-72E	-60	350	72	92	20	0.11
				109.5	139.	30	0.423
				178.5	187	8.5	0.08
				197	217	20	0.10
				222	242	20	0.09
				262	268	6	0.34
				312	337	25	0.37
HC-85-4	62N-39E	-60	160	30	42	12	0.10
HC-85-5	25N-57E	-60	160	10	25	15	0.28
				10	37	27	0.156
				52	67	15	0.34
HC-85-7	161N-41E	-60	160	184	195	11	0.11
HC-85-10	125S-116W	-90	-	17	67	50	0.22
HC-85-13	111S-70W	-53	350	70	80	10	0.173
				90	93	3	0.30
				106	136	30	0.28
				176	224.5	48.5	0.22 (est)

DDH #	LOCATION	DIP	AZIMUTH	FROM(ft)	TO (ft)	WIDTH(ft)	GRADE OZ/TON
HC-85-15	86S-80E	-60	350	87	92	5	0.10
				127	132	5	0.12
				162	167	5	0.14
				248.5	267	18.5	0.23
				352	377	25	0.07
HC-86-20	169N-85E	-57	171	157	167	10	0.18
HC-86-21	156S-112E	-48	350	167	182	15	0.13
HC-86-26	200S-115W	-55	350	88	96.5	7.5	0.21

No. 5 Iron Formation Zone

The 1985-86 drill intersections of the #5 IF area are summarized as follows:

DDH #	LOCATION	DIP	AZIMUTH	FROM(ft)	TO (ft)	WIDTH(ft)	GRADE OZ/TON
HC-85-6	1612S-1554W	-45	145	96	108	12	0.20
HC-85-9	1557S-1487W	-45	142	105	121.5	16.5	0.11
				110	120	10	0.22
				201	283	82	0.05
HC-85-11	1632S-1280W	-60	218	34	54	20	0.05
				79	84	5	0.10
				197	232	35	0.05
HC-85-14	1680S-1632W	-45	145	314.5	327.5	12.5	0.07
HC-86-16	1227S-1304W	-63	146	497.8	498.5	0.7	103
NOTE: THIS INTERSECTION REPRESENTS A NEW VEIN STRUCTURE							
HC-86-22	1116S-1138W	-63	146	256	286	30	0.09
				266	276	10	0.15
HC-86-25	2270S-2215W	-85	145	792	812	20	0.21

7. CONCLUSIONS

The results of the drilling programme indicate two styles of mineralization in the auriferous iron formation of zones #1 and #5.

Mineralization in the #1 zone occurs about the #1 vein where it passes through the iron formation whereas mineralization in the No. 5 zone appears to be more stratiform in nature.

To better define the No. 1 and No. 5 iron formation zones as well as expanding their dimensions, a second phase of the diamond drilling programme is recommended. The writer also recommends that this second phase explore the central iron formation between zones #1 and #5.

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FELLOW

REFERENCES

1. BLACKBURN, E.E. and JONES, D.A., 1983
   Gold deposits in Northwestern Ontario in The Geology of Gold in Ontario. Ontario Geological Survey,M.P. 110. pp. 194-210.

2. CORKING, W.P. 1957
   The Pickle Crow Mine, in Structural Geology of Canadian Ore Deposits, vol. 1, CIM Jubilee Volume, pp. 373-376.

3. FERGUSON, S.A., 1966
   Geology of Pickle Crow Gold Mines Limited and Central Patricia Gold Mines Limited, No. 2 Operation, Ontario Dept. Mines, M.P.-4

4. GALLANT GOLD MINES LTD.
   Unpublished reports and maps. 1981-1984.

5. HIGHLAND-CROW RESOURCES LTD.
   Files from Pickle Crow Gold Mines Reports of Work 1985-1986

6. HODGE, H.J. 1981
   Report on Diamond Drilling Program, Gallant Gold Mines Ltd., Pickle Crow-Crowshore Options, Pickle Lake Area, Ontario, November 11.

7. PYE, E.G., 1976
   Geology and Mineral Deposits of the Crow River Area, District of Kenora, Patricia Portion, Ontario Division MInes, OFR 5152, Maps P 1009

8. SAGE, R.P. and BREAKS, F.W., 1982
   Geology of the Cat Lake-Pickle Lake Area, Districts of Kenora and Thunder Bay, Ontario Geological Survey, Report 207, 238 p. Map 2218.

9. THOMSON, JAS. E., 1983
   The Crow River Area, Ontario Dept. of Mines, Annual Report, Vol. 47, Pt. 3, pp. 1-65.

CERTIFICATE OF QUALIFICATION

I, Lionel Donald Stewart Winter do hereby certify:

1. that I am a geologist and reside at 1849 Oriole Drive, Sudbury, Ontario, P3E 2W5,
2. that I am a Fellow of the Geological Association of Canada,
3. that I graduated from the University of Toronto in Mining Engineering in 1957 with a Bachelor of Applied Science and from McGill University, Montreal in 1961 with a Master of Science (Applied) in Geology,
4. that I have practised my profession continuously for 25 years, as a mining engineer, mine geologist and exploration geologist
5. that my report on the Pickle Lake property, Pickle Lake area, Ontario is based on my personal knowledge of the geology of the area and on a review of published and unpublished information on the property and surrounding area.
6. that I have no personal, direct or indirect interest in the Pickle Crow property, Pickle Lake area, Ontario or any adjacent properties, nor do I hold or intend to hold any shares of Highland-Crow Resources Ltd. and I have written this report as a totally independent consultant.

L.D.S. Winter
B.A. Sc., M.Sc., F.G.A.C.
February 25, 1986

L.D.S. Winter

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TABLE 1

HIGHLAND CROW

1985-86 DIAMOND DRILL PROGRAMME

HOLE LOCATION & COORDINATES

PHASE I

HOLE #	HOLE DEPTH	LOCATION	AZ	DIP	TO TEST
85-1	337'	52S/25W	350	-60	#1 IF
85-2	522'	52S/25W	170	-70	#1 IF
85-3	365'	38S/73E	350	-60	#1 IF
85-4	98'	62N/39E	160	-60	#1 IF
85-5	337'	25N/57E	160	-60	#1 IF
85-6	375'	1612S/1554W	145	-45	#5 IF
85-7	37'	161N/41E	160	-60	#1 IF
85-7A	197'	161N/41E	160	-60	#5 IF
85-8	167'	26S/171E	350	-60	#1 IF
85-9	350'	1557S/1487W	142	-45	#5 IF
85-10	377'	125S/116W	-	-90	#1 IF
85-11	390'	1632S/1280W	218	-60	#5 IF
85-12	341'	278S/104W	300	-45	#1 IF
85-13	231'	111S/70W	350	-53	#1 IF
85-14	365'	1680S/1632W	145	-45	#5 IF
85-15	429'	865S/80E	350	-60	#1 IF
85-16	706'	1227S/1304W	146	-63	#5 IF
86-17	281'	219N/85W	165	-62	#1 IF
86-18	147'	95N/103W	170	-55	#1 IF
86-19	449'	39N/200W	165	-58	#1 IF
86-20	372'	169N/85E	171	-57	#1 IF

HOLE #	HOLE DEPTH	LOCATION	AZ	DIP	TEST
86-21	342.5'	156S/112E	350	-48	#1 IF
86-22	706.0'	1116S/1138W	146	-63	#5 IF
86-23	249'	100S/214E	351	-52	#1 IF
86-24	1461'	353S/1649W	133	-85	#5 IF
86-25	1138'	2270S/2215W	145	-85	#5 IF
86-26	376'	200S/115W	350	-55	#1 IF
TOTAL	11,145.50'				

9 holes in #5 IF
17 " in #1 IF
26

PICKLE CROW

DIAMOND DRILL LOGS

FOR

HIGHLAND-CROW RESOURCES LTD.

PHASE 1

HIGHLAND CROW

1986 DIAMOND DRILL PROGRAMME

HOLE LOCATION & CORDINATES

HOLE #	HOLE DEPTH	LOCATION	AZ	DIP
85-1	337'	52 S/ 25 W	350	-60
85-2	522'	52 S/25 W	170	-70
85-3	365'	38 S/73 E	350	-60
85-4	98'	62 N/39 E	160	-60
85-5	337'	25 N/57 E	160	-60
85-6	375'	1612 S/1554 W	145	-45
85-7	37'	161 N/41 E	160	-60
85-7A	197'	161 N/41 E	160	-60
85-8	167'	26 S/171 E	350	-60
85-9	350'	1557 S/1487 W	142	-45
85-10	377'	125 S/116 W	-	-90
85-11	390'	1632 S/1280 W	218	-60
85-12	341'	278 S/104 W	300	-45
85-13	231'	111 S/70 W	350	-53
85-14	365'	1680 S/1632 W	145	-45
85-15	429'	865 S/80 E	350	-60
86-16	706'	1227 S/1304 W	146	-63
86-17	281'	219 N/85 W	165	-62
86-18	147'	95 N/103 W	170	-55
86-19	449'	39 N/200 W	165	-58
86-20	372'	169 N/85 E	171	-57

HOLE #	HOLE DEPTH	LOCATION	AZ	DIP
86-21	342.5'	156 S/112 E	350	-48
86-22	706.0'	1116 S/1138 W	146	-63
86-23	249'	100 S/214 E	351	-52
86-24	1461'	353 S/1649 W	133	-85
86-25	1138'	2270 S/2215 W	145	-85
86-26	376'	200 S/115 W	350	-55

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-1		
LOCATION:	52 S/ 25 W	AZIMUTH:	350
DIP AT COLLAR:	-70 (368'/ -55)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Dec. 5/85

LOGS

0 - 10.0 CASING

10.0 - 215.0 I.F.

10.0 - 13.0 Core shattered & limonitic, mas. Po, qtz frag. & cherty I.F., Po,Py, Aspy

13.0 - 15.0 qtz vein 60 CA, minor streaky Po & B flecks of VG

N.B. This vein appears to be south of #1 vein from the position of the raise breakthrough

15.0 - 20.0 5% Po with Py & consid. local Aspy weak bedding 45 CA

20.0 - 30.0 Pale green - buff cherty, brec'd

24.0 - 24.5 Local patchy white qtz, 3% Po,Py Aspy 45 CA

30.0 - 87.0 Darker, more mag., prominent bedding at 25 CA, 1 - 3% fine Po,Py

N.B. at 59.0 coarse VG in 1/2" string at 60 CA (see resampling) concentrations of Aspy at 64 & 67

87.0 - 120.0 Pale, buff, cherty, brec'd, 1%, Po,Py, Aspy concentrations of Aspy at 88, 97, 102

120.0 - 125.0 Very pale, extremely bleached, buff, very highly brec'd, 3% Po,Py, Aspy & blueish qtz strings, high angle to CA, very fav. app.

125.0 - 126.0 As above with 2" section of 60% Aspy at 60 CA (char. sample)

126.0 - 135.0 As 120.› - 125.0

135.0 - 165.0 Darker, abrupt change at prominent angular unconformity! local streaks ave. 1% Po, pale green, brec'd to very pale buff bedded (45 CA)

N.B. 157.0 - 160.0 strong concentration of Aspy, 10% & minor Po +/- 45 CA

At 165.0 becomes very much darker & stronger mag. with good 45 bedding, 1-3% Po

N.B. 182.0 - 183.0 Bk clay gauge, abund. Po

215.0 - 224.0 KIMBERLITE DYKE

Sharp contacts 45 CA (xcuts I.F. on strike)

224.0 - 262.0 I.F.

Very dk, well bedded, highly contorted 0-45 CA, strongly mag., 1% Po as local streaks

At 237.0 abruptly becomes pale, greenish brec'd, +/- 45 CA, 1% fine Po, 2nd contact sharp 45 CA

262.0 - 295.0 METASEDIMENTS

Grey-green, highly carbonitized, not mag., unmin., weak schistosity, 45 - 60 CA (argillite)

395.0 - 310.0 I.F.

Very pale, buff, highly brec'd, 1% fine Po, overall schistosity 45 CA

310.0 - 337.0 ANDESITE

Dk green, chloritic, carbonitized with scattered hairline calcite threads at +/- 60 CA in mod. schistosity

337.0 END OF HOLE

HC-85-1

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
86501	4.0	9.0	5.0	2.36	0.08
86502	9.0	14.0	5.0	2.33	0.08
86503	14.0	19.0	5.0	10.22	0.33
86504	19.0	24.0	5.0	1.21	0.04
86505	24.0	29.0	5.0	5.10	0.16
86506	29.0	34.0	5.0	6.85	0.22
86507	34.0	39.0	5.0	17.43	0.56
86508	39.0	44.0	5.0	0.91	0.03
86509	44.0	49.0	5.0	0.03	NIL
86510	49.0	52.0	3.0	0.77	0.02
86511	64.5	67.5	3.0	0.08	NIL
86512	71.5	75.0	3.5	0.50	0.02
86513	75.0	80.0	5.0	0.01	NIL
86514	80.0	85.0	5.0	0.02	NIL
86515	85.0	90.0	5.0	0.09	NIL
86516	90.0	95.0	5.0	0.02	NIL
86517	95.0	100.0	5.0	0.09	NIL
86518	103.0	108.0	5.0	0.05	NIL
86519	108.0	113.0	5.0	0.02	NIL
86520	113.0	118.0	5.0	0.09	NIL
86521	118.0	123.0	5.0	0.13	NIL

HC-85-1

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
86522	123.0	128.0	5.0	0.06	NIL
86523	128.0	133.0	5.0	0.33	0.01
86524	133.0	138.0	5.0	0.23	0.01
86525	138.0	143.0	5.0	0.04	NIL
86526	143.0	148.0	5.0	0.92	0.03
86527	148.0	153.0	5.0	0.03	NIL
86528	153.0	158.0	5.0	0.01	NIL
86529	158.0	163.0	5.0	0.01	NIL
86530	182.0	187.0	5.0	0.06	NIL
86531	202.0	207.0	5.0	0.56	0.02
86532	207.0	212.0	5.0	1.14	0.04
86533	212.0	217.0	5.0	0.02	NIL
86534	217.0	222.0	5.0	0.09	NIL
86535	222.0	227.0	5.0	0.15	NIL
86536	227.0	232.0	5.0	2.11	0.07
86537	232.0	237.0	5.0	0.22	0.01
86538	237.0	242.0	5.0	0.19	NIL
86539	242.0	247.0	5.0	0.16	NIL
86540	247.0	252.0	5.0	0.10	NIL
86541	252.0	257.0	5.0	0.80	0.02
86542	257.0	262.0	5.0	0.44	0.01

HC-85-1

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
86543	262.0	267.0	5.0	0.99	0.07
86544	267.0	272.0	5.0	1.45	0.05
86545	272.0	277.0	5.0	0.01	NIL
86546	277.0	282.0	5.0	0.02	NIL
86547	282.0	287.0	5.0	0.08	NIL
86548	287.0	292.0	5.0	0.24	0.01
86549	292.0	297.0	5.0	0.02	NIL
86550	297.0	302.0	5.0	0.05	NIL
63751	302.0	307.0	5.0	0.04	NIL
63752	307.0	312.0	5.0	0.02	NIL
63753	312.0	317.0	5.0	0.01	NIL
63754	317.0	322.0	5.0	0.07	NIL
63755	322.0	327.0	5.0	0.11	NIL
63756	327.0	332.0	5.0	0.01	NIL
63757	332.0	337.0	5.0	0.02	NIL
63758	337.0	342.0	5.0	0.03	NIL
63759	342.0	347.0	5.0	0.01	NIL
63760	347.0	352.0	5.0	0.02	NIL
63761	352.0	357.0	5.0	0.07	NIL
63762	357.0	362.0	5.0	0.02	NIL
63763	362.0	368.0	6.0	0.01	NIL

HC-85-1

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4699	44.0	46.5	2.5	0.04	NIL
4700	46.5	49.0	2.5	0.04	NIL
4701	49.0	52.0	3.0	0.73	0.02
4702	64.5	67.5	3.0	0.04	NIL
4703	71.5	75.0	2.5	0.39	0.01
4704	128.0	130.5	2.5	0.21	0.01
4705	130.5	133.0	2.5	0.03	NIL
4706	133.0	135.5	2.5	0.10	NIL
4707	135.5	138.0	2.5	1.05	0.03
4708	202.0	204.5	2.5	0.79	0.02
4709	204.5	207.0	2.5	0.01	NIL
4710	207.0	209.5	2.5	0.27	0.01
4711	209.5	212.0	2.5	2.34	0.07
4712	262.0	264.5	2.5	1.79	0.06
4713	264.5	267.0	2.5	0.56	0.02
4714	267.0	269.5	2.5	1.45	0.05
4715	269.5	272.0	2.5	0.16	0.01

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-2		
LOCATION:	52.0 S/ 25.0W	AZIMUTH:	170
DIP AT COLLAR:	-70 (522'/-57)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Nov. 30/85

LOGS

0 - 12.0	CASING
12.0 - 60.3	I.F.

12.0 - 60.3 Pale, buff, cherty, bedding +/- 25 CA, Scattered qtz strings. 60 - 80 CA, local fine Po,Py .1% ave.

N.B. Core becomes mo d. to strong mag. from 37.0 to 60.3

N.B. at 15.5, 9 flecks of VG in 1" qtz string 60 CA

60.3 - 76.5 KIMBERLITE DYKE

Innumerable well rounded carbonate? Frag to 1/2" in very dk grey groundmass with abundant biotite throughout. Contact broken but about 30 CA, not mag., unmin. second contact irregular about 30 CA

76.5 - 352.0 I.F.

76.5 - 118.0 Pale, buff, cherty as 12.0 - 60.3, strongly mag. to 92.0, then less mag., < 1% Po

118.0 - 142.0 Greenish, increase in Po, 1% as streaks and blebs

N.B. 120.0 - 121.0 mas. Po 40 CA

N.B. 133.0 - 135.0 locally abun. Aspy

142.0 - 169.0 Bedding prominent +/- 30 CA, strong mag. < 1% Po, rare Py cubes

169.0 - 238.0 Bedding less prominent, more brec'd 1% Po,Py

N.B. 217.0 - 218.0 minor Aspy

238.0 - 314.0 Well bedded, abun. mag., 20 CA, 1-3% Po

314.0 - 318.0 Pale, cherty, brec'd, 1% Po, locally pseudo - morphous after Py

318.0 - 335.8 Highly chloritic, possibly andesite, numerous tension qtz veins & strings, generally unmin. & sections to 24" of 5% heavily diss. Py

335.8 - 338.0 Pale, cherty, brec'd "typical" I.F.

338.0 - 350.0 Chloritic with sections to 6" of 40% Py & diss. Py Ave. 10% Py for the section. Also sections to 24" of cherty "typical" I.F.. Well bedded at 30 CA with patchy streaks of Po & consid. mag.

352.0 - 522.0 ANDESITE

Dk grey, highly carbonated

522.0 END OF HOLE

HOLE NO. HC-85-2

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY
				OZ.
2601	12.0	17.0	5	0.28
2602	17.0	22.0	5	0.26
2603	22.0	27.0	5	0.05
2604	27.0	32.0	5	0.04
2605	32.0	37.0	5	0.01
2606	37.0	42.0	5	0.02
2607	42.0	47.0	5	0.01
2608	47.0	52.0	5	0.01
2609	52.0	57.0	5	0.03
2610	57.0	60.3	5.33	NIL
2611	76.5	82.0	5.5	0.1
2612	82.0	87.0	5	NIL
2613	87.0	92.0	5	NIL
2614	92.0	97.0	5	NIL
2615	97.0	102.0	5	0.02
2616	102.0	107.0	5	NIL
2617	107.0	112.0	5	NIL
2618	112.0	117.0	5	NIL
2619	117.0	122.0	5	NIL
2620	122.0	127.0	5	NIL
2621	127.0	132.0	5	NIL
2622	132.0	137.0	5	0.01

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
2623	137.0	142.0	5	NIL
2624	142.0	147.0	5	0.02
2625	147.0	152.0	5	0.01
2626	152.0	157.0	5	0.01
2627	157.0	162.0	5	NIL
2628	162.0	167.0	5	0.06
2629	167.0	172.0	5	NIL
2630	172.0	177.0	5	NIL
2631	177.0	182.0	5	0.01
2632	182.0	187.0	5	0.01
2633	187.0	192.0	5	NIL
2634	192.0	197.0	5	NIL
2635	197.0	202.0	5	NIL
2636	202.0	207.0	5	0.01
2637	207.0	212.0	5	0.03
2638	212.0	217.0	5	0.01
2639	217.0	222.0	5	0.01
2640	222.0	227.0	5	NIL
2641	227.0	232.0	5	NIL
2642	232.0	237.0	5	NIL
2643	237.0	242.0	5	NIL
2644	242.0	247.0	5	NIL

HOLE NO. HC-85-2

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
2645	247.0	252.0	5	NIL
2646	252.0	257.0	5	NIL
2647	257.0	262.0	5	NIL
2648	262.0	267.0	5	NIL
2649	267.0	272.0	5	NIL
2650	272.0	277.0	5	NIL
2651	277.0	282.0	5	NIL
2652	282.0	287.0	5	NIL
2653	287.0	292.0	5	NIL
2654	292.0	297.0	5	NIL
2655	297.0	302.0	5	NIL
2656	302.0	307.0	5	NIL
2657	307.0	312.0	5	NIL
2658	312.0	317.0	5	NIL
2659	317.0	322.0	5	NIL
2660	322.0	325.0	5	NIL
2661	327.0	332.0	5	NIL
2662	332.0	337.0	5	NIL
2663	337.0	342.0	5	NIL
2664	342.0	347.0	5	NIL
2665	347.0	352.0	5	NIL
2666	352.0	354.0	2	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
4716	47.0	49.5	2.5	.02
4717	49.5	52.0	2.5	.02
4718	52.0	54.5	2.5	.05
4719	54.5	57.0	2.5	.01
4720	97.0	99.5	2.5	.09
4721	99.5	102.0	2.5	NIL
4722	132.0	134.5	2.5	.02
4723	134.5	137.0	2.5	NIL
4724	137.0	139.5	2.5	NIL
4725	139.5	142.0	2.5	NIL
4726	142.0	144.5	2.5	.01
4727	144.5	147.0	2.5	NIL
4728	147.0	149.5	2.5	NIL
4729	149.5	152.0	2.5	.05
4730	152.0	154.5	2.5	.01
4731	154.5	157.0	2.5	NIL
4732	157.0	159.5	2.5	.01
4733	159.5	162.0	2.5	NIL
4734	162.0	164.5	2.5	NIL
4735	164.5	167.0	2.5	.03
4736	197.0	199.5	2.5	NIL
4737	199.5	202.0	2.5	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
4738	202.0	204.5	2.5	NIL
4739	204.5	207.0	2.5	.01
4740	207.0	209.5	2.5	.01
4741	209.5	212.0	2.5	.02
4742	212.0	214.5	2.5	NIL
4743	214.5	217.0	2.5	.01
4744	217.0	219.5	2.5	NIL
4745	219.5	222.0	2.5	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-3		
LOCATION:	38.0 S/ 73.0E	AZIMUTH:	350
DIP AT COLLAR:	-60 (365'/ -63)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Dec. 2/85

LOGS

0 - 12.0 CASING

12.0 - 365.0 I.F.

12.0 - 16.5 Highly limonitic (hydrothermal carbonate) core broken up

16.5 - 92.0 Pale, buff to dk grey, highly alt. brec'd, scat. qtz string., to 2" at 40 CA (tension) local concentrations of Py, Po Aspy (ave 1%)

87.0 - 89.0 1" blueish qtz string, rolling along CA

92.0 - 100.0 Intensely brec'd. cream & grey frag. 1% Po,Py, Aspy local weak bk. tourmalinization

100.0 - 122.0 as 16.5 - 92.0 10 bedding 1% Po,Py, Aspy

122.0 - 127.0 Abun. Aspy in pale almost white I.F. at 20 CA with abrupt contacts

127.0 - 132.0 Pale to dk grey, locally well bedded 20 CA, 1% Po,Py, Aspy throughout

132.0 - 167.0 Dk grey, well bedded 20 CA, strong mag. 1% Py,Po, (Aspy rare)

167.0 - 178.5 40% mas. Po, 30 - 60 CA local Aspy & Py in pale grey-green groundmass (Bx)

178.5 - 247.0 Pale, grey-green, brec'd, white blueish qtz string.

N.B. at 179.8 22 flecks of VG close to cluster of Aspy xtls in 1/2" blue qtz string along core

Overall ave. 2% Po,Py &tr. VG, bed 20 CA when visible

247.0 - 257.0 Highly chloritic, dk green, strongly sheared parallel to CA, with narrow pale buff, cherty typical I.F. +/- 2% Po in sliver along CA

257.0 - 317.0 as 178.5 - 247.0

N.B. at 262.8, 15 flecks of VG in 1/4" string along CA

N.B. at 317.0 Rods broke through the foot-wall corner of #1 vein development opening

317.0 - 318.0 Fine much comprising qtz grains, Po,Py and consid. VG (from panning a small amount).

318.0 - 320.0 Core shattered 4" of heavily min. I.F. 30% Po, minor qtz. Rest shattered frag. of sericitic Porphyry dyke.

320.0 - 323.0 Intensely sericitized, highly sheared, parallel to CA. Probably a qtz Porp. dyke

323.0 - 327.0 No core (devel. opening)

327.0 - 337.0 Only 5' of core, rest lost in hole 1.0' chloritized frag., probably andesite 2.5' vein qtz with abun. streaks, flecks, blebs and smears of VG (spectacular!) 0.4' of sericitic schistose qtz porphyry 1.5' andesite
2.5 sericitized qtz porp., 45 CA with local sparse euhedral Py

347.0 - 357.0 Only 1.5' of core all highly sericitic, prob. qtz porp. 45 CA

357.0 - 365.0 Only 1.7' of smashed pieces of wood from underground timbering

365.0 END OF HOLE

HOLE NO. HC-85-3

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
2667	12.0	17.0	5.0	0.02
2668	17.0	22.0	5.0	NIL
2669	22.0	27.0	5.0	NIL
2670	27.0	32.0	5.0	NIL
2671	32.0	37.0	5.0	NIL
2672	37.0	42.0	5.0	NIL
2673	42.0	47.0	5.0	NIL
2674	47.0	52.0	5.0	NIL
2675	52.0	57.0	5.0	NIL
2676	57.0	62.0	5.0	NIL
2677	62.0	67.0	5.0	NIL
2678	67.0	72.0	5.0	NIL
2679	72.0	77.0	5.0	0.353
2680	77.0	82.0	5.0	0.01
2681	82.0	87.0	5.0	0.01
2682	87.0	92.0	5.0	0.06
2683	92.0	97.0	5.0	NIL
2684	97.0	102.0	5.0	NIL
2685	102.0	107.0	5.0	NIL
2686	107.0	112.0	5.0	NIL
2687	112.0	117.0	5.0	NIL
2688	117.0	122.0	5.0	0.01

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
2689	122.0	127.0	5.0	0.97
2690	127.0	132.0	5.0	0.67
2691	132.0	137.0	5.0	0.01
2692	137.0	142.0	5.0	0.03
2693	142.0	147.0	5.0	NIL
2694	147.0	152.0	5.0	NIL
2695	152.0	157.0	5.0	NIL
2696	157.0	162.0	5.0	NIL
2697	162.0	167.0	5.0	NIL
2698	167.0	172.0	5.0	0.02
2699	172.0	177.0	5.0	0.01
2700	177.0	178.5	1.5	0.01
3001	178.5	180.5	2.0	0.184
3002	180.5	182.0	1.5	0.05
3003	182.0	187.0	5.0	0.05
3004	187.0	192.0	5.0	0.01
3005	192.0	197.0	5.0	0.01
3006	197.0	202.0	5.0	0.173
3007	202.0	207.0	5.0	0.09
3008	207.0	212.0	5.0	0.09
3009	212.0	217.0	5.0	0.05
3010	217.0	222.0	5.0	NIL

HOLE NO. HC-85-3

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
3011	222.0	227.0	5.0	0.17
3012	227.0	232.0	5.0	0.08
3013	232.0	237.0	5.0	0.04
3014	237.0	242.0	5.0	0.08
3015	242.0	247.0	5.0	0.01
3016	247.0	252.0	5.0	NIL
3017	252.0	257.0	5.0	NIL
3018	257.0	262.0	5.0	NIL
3019	262.0	263.5	1.5	0.24
3020	263.5	267.0	4.5	0.37
3021	267.0	272.0	5.0	0.02
3022	272.0	277.0	5.0	0.01
3023	277.0	282.0	5.0	NIL
3024	282.0	287.0	5.0	0.01
3025	287.0	292.0	5.0	0.02
3026	292.0	297.0	5.0	NIL
3027	297.0	302.0	5.0	NIL
3028	302.0	307.0	5.0	NIL
3029	307.0	312.0	5.0	NIL
3030	312.0	317.0	5.0	0.27
3193	317.0	318.0	1.0	0.29
3194	318.0	327.0	9.0	0.40

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
3195	327.0	328.0	1.0	0.03
3196	328.0	330.5	2.5	24.07
3197	330.5	337.0	6.5	0.21
63711	92.0	94.5	2.5	0.02
63712	94.5	97.0	2.5	NIL
63713	97.0	99.5	2.5	NIL
63714	99.5	102.0	2.5	NIL
63715	102.0	104.5	2.5	NIL
63716	104.5	107.0	2.5	0.02
63717	107.0	109.5	2.5	NIL
63718	109.5	112.0	2.5	0.09
63719	112.0	114.5	2.5	NIL
63720	114.5	117.0	2.5	NIL
63721	117.0	119.5	2.5	0.243
63722	119.5	122.0	2.5	0.351
63723	132.0	134.5	2.5	1.58
63724	134.5	137.0	2.5	0.01
63725	137.0	139.5	2.5	0.10
63726	139.5	142.0	2.5	NIL
63727	177.0	178.5	1.5	0.01
63728	178.5	180.5	2.0	0.10
63729	187.0	189.5	2.5	0.073

HOLE NO. HC-85-3

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
63730	189.5	192.0	2.5	0.03
63731	192.0	194.5	2.5	0.01
63732	194.5	197.0	2.5	0.05
4746	12.0	14.5	2.5	NIL
4747	14.5	17.0	2.5	NIL
4748	17.0	19.5	2.5	NIL
4749	19.5	22.0	2.5	NIL
4750	32.0	34.5	2.5	NIL
4751	34.5	37.0	2.5	NIL
4752	67.0	69.5	2.5	NIL
4753	69.5	72.0	2.5	NIL
4754	77.0	79.5	2.5	0.01
4755	79.5	82.0	2.5	NIL
4756	82.0	84.5	2.5	NIL
4757	84.5	87.0	2.5	NIL
4758	87.0	89.5	2.5	0.07
4759	89.5	92.0	2.5	0.02
4760	180.5	182.0	1.5	0.14
4761	182.0	184.5	2.5	0.08
4762	184.5	187.0	2.5	0.06
4763	197.0	199.5	2.5	0.07
4764	199.5	202.0	2.5	0.09

HOLE NO. HC-85-3

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
4765	202.0	204.5	2.5	0.01
4766	204.5	207.0	2.5	0.28
4767	207.0	209.5	2.5	0.36
4768	209.5	212.0	2.5	0.07
4769	212.0	214.5	2.5	NIL
4770	214.5	217.0	2.5	0.02
4771	217.0	219.5	2.5	NIL
4772	219.5	222.0	2.5	NIL
4773	222.0	224.5	2.5	0.06
4774	224.5	227.0	2.5	NIL
4775	227.0	229.5	2.5	0.01
4776	229.5	232.0	2.5	0.12
4777	232.0	234.5	2.5	0.02
4778	234.5	237.0	2.5	0.01
4779	237.0	239.5	2.5	0.02
4780	239.5	242.0	2.5	0.18
4781	242.0	244.5	2.5	0.01
4782	244.5	247.0	2.5	NIL
4783	247.0	249.5	2.5	NIL
4784	249.5	252.0	2.5	NIL
4785	252.0	254.5	2.5	NIL
4786	254.5	257.0	2.5	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
4787	267.0	269.5	2.5	NIL
4788	269.5	272.0	2.5	NIL
4789	272.0	274.5	2.5	0.01
4790	274.5	277.0	2.5	NIL
4791	277.0	279.5	2.5	NIL
4792	279.5	282.0	2.5	NIL
4793	282.0	284.5	2.5	NIL
4794	284.5	287.0	2.5	0.02
4795	287.0	289.5	2.5	0.02
4796	289.5	292.0	2.5	0.01

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-4		
LOCATION:	62N/ 39E	AZIMUTH:	160
DIP AT COLLAR:	-60	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Dec./85

LOGS

0 - 12 CASING

12.0 - 98.0 I.F.

12.0 - 15.0 Pale, buff, brec'd, 1% Po limonitic

15.0 - 37.7 Intensely sheared, seritictized & chloritized sed? Dk grey-green, 45 schistosity <1% Py

24.3 - 25.0 qtz vein 45 CA, unmin.

35.0 - 35.4 Blebby qtz string, in cherty section <1% Po

37.0 - 37.7 Chlor. 45 schistosity, unmin.

37.0 - 87.0 Buff, cherty, brec'd, 1-3% Po,Py, Aspy

39.0 - 40.0 Blebby white qtz, 45 CA with patches & streaks of Po

67.0 - 72.0 3-5% Po,Py, Aspy

72.0 - 86.0 Open hole devel.

86.0 - 87.0 Buff, cherty, brec'd, 10% Po,Py, Aspy & 3" qtz string 60 CA & streaky Po

87.0 98.0 Open hole devel.

98.0 END OF HOLE

HOLE NO. HC-85-4

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
3031	12.0	15.0	3	tr.
3032	15.0	20.0	5	tr.
3033	20.0	25.0	5	tr.
3034	25.0	30.0	5	tr.
3035	30.0	37.0	7	0.06
3036	37.0	42.0	5	0.16
3037	42.0	47.0	5	tr.
3038	47.0	52.0	5	0.02
3039	52.0	57.0	5	0.03
3040	57.0	62.0	5	tr.
3041	62.0	67.0	5	0.03
3042	67.0	72.0	5	0.11
3043	86.0	87.0	5	0.33
4797	30.0	32.5	2.5	tr.
4798	32.5	35.0	2.5	tr.
4799	35.0	37.0	2.0	.04
4800	37.0	39.5	2.5	.35
4807	39.5	42.0	2.5	.05
4802	42.0	44.5	2.5	tr.
4803	44.5	47.0	2.5	.02
4804	47.0	49.5	2.5	.01
4805	49.5	52.0	2.5	.02

HOLE NO. HC-85-4

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
4806	52.0	54.5	2.5	.01
4807	54.5	57.0	2.5	.02
4808	57.0	59.5	2.5	.02
4809	59.5	62.0	2.5	tr.
4810	62.0	64.5	2.5	tr.
4811	64.5	67.0	2.5	.04
4812	67.0	69.5	2.5	.07
4813	69.5	72.0	2.5	.14
4814	86.0	87.0	1.0	.33

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-5		
LOCATION:	25 N/ 57 E	AZIMUTH:	160
DIP AT COLLAR:	-60 (337'/55)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Dec. 3/85

LOGS

0 - 10.0 CASING

10.0 - 215.0 I.F.

10.0 -13.0 Core shattered & limonitic, mas. Po, qtz frag. & cherty I.F., Po,Py, Aspy

13.0 - 15.0 Qtz vein 60 CA, minor streaky Po & B flecks of V.G.

N.B. This vein appears to be south of #1 vein from the position of the raise break through

15.0 - 20.0 Pale green - buff, cherty, brec'd

24.0 - 24.5 Patchy white qtz, 3% Po,Py, Aspy 45 CA

30.0 - 87.0 Darker more mag. bedding prominent at 25 CA 1 - 3% fine Po,Py

N.B. at 59.0 5 coarse flecks of VG at 60 to CA (see resampling) Concentrations of Aspy at 64, 67

87.0 - 120.0 Pale, buff, cherty, brec'd, 1% Po,Py, Aspy concentrations of Aspy at 88, 97, 102

120.0 - 125.0 Very pale, extremely bleached, buff, very highly brec'd, 3% Po,Py, Aspy & blueish qtz strings, high angle to CA, very fav. app.

125.0 - 126.0 As above with 2" section of 60% Aspy at 60 CA (char. sample)

126.0 - 135.0 As 120.0 - 125.0

135.0 - 165.0 Darker, abrupt change at prominent angular unconformity! Local Po streaks ave. 1% Po, bedding prominent at 45 CA

N.B. 157.0 - 160.0 strong concentration of Aspy, 10% + minor Po +/- 45 CA

At 165.0 Becomes very much darker & strongly mag. with good 45 CA bedding, 1 - 3% Po

N.B. 182.0 - 183.0 Bk clay gauge, abundant Po

215.0 - 224.0 KIMBERLITE DYKE

Contacts sharp 45 CA (xcuts IF on strike)

224.0 - 262.0 I.F.

Very dk, well bedded, highly contorted, 0 - 45 CA, strongly mag., 1% Po as local streaks

At 237.0 abruptly becomes paler, greenish, brec'd +/- 45 CA, 1% Po, fin. Second contact sharp 45 CA

262.0 - 295.0 MESTASEDIMENTS

Grey-green, highly carbonatized, not mag., unmin., weak schistosity, 45 - 60 CA (argillite)

295.0 - 310.0 I.F.

Very pale, buff, highly brec'd, 1% fine Po, overall schistosity 45 CA

310.0 - 337.0 ANDESITE

Dk green, chloritic, carbonatized with scattered hairline calcite threads at +/- 60 CA in moderate schistosity

337.0 END OF HOLE

HOLE NO. HC-85-5

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
3044	10.0	13.0	3.0	.10
3045	13.0	15.0	2.0	0.57
3046	15.0	20.0	5.0	0.48
3047	20.0	25.0	5.0	0.11
3048	25.0	30.0	5.0	0.05
3049	30.0	32.0	2.0	NIL
3050	32.0	37.0	5.0	0.07
3051	37.0	42.0	5.0	NIL
3052	42.0	47.0	5.0	NIL
3053	47.0	52.0	5.0	0.01
3054	52.0	57.0	5.0	0.38
3055	57.0	62.0	5.0	0.04
3056	62.0	67.0	5.0	0.04
3057	67.0	72.0	5.0	NIL
3058	72.0	77.0	5.0	0.01
3059	77.0	82.0	5.0	NIL
3060	82.0	87.0	5.0	0.02
3061	87.0	92.0	5.0	0.04
3062	92.0	97.0	5.0	0.01
3063	97.0	102.0	5.0	NIL
3064	102.0	107.0	5.0	NIL
3065	107.0	112.0	5.0	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ
3066	112.0	117.0	5.0	0.05
3067	117.0	120.0	3.0	NIL
3068	120.0	125.0	5.0	0.07
3069	125.0	126.0	1.0	0.15
3070	126.0	127.0	1.0	NIL
3071	127.0	132.0	5.0	NIL
3072	132.0	135.0	3.0	NIL
3073	135.0	137.0	2.0	NIL
3074	137.0	142.0	5.0	0.02
3075	142.0	147.0	5.0	NIL
3076	147.0	152.0	5.0	NIL
3077	152.0	157.0	5.0	NIL
3078	157.0	160.0	3.0	0.08
3079	160.0	165.0	5.0	NIL
3080	165.0	167.0	2.0	NIL
3081	167.0	172.0	5.0	0.02
3082	172.0	177.0	5.0	NIL
3083	177.0	182.0	5.0	0.01
3084	182.0	183.0	1.0	0.27
3085	183.0	187.0	4.0	0.04
3086	187.0	192.0	5.0	NIL
3087	192.0	197.0	5.0	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
3088	197.0	202.0	5.0	NIL
3089	202.0	207.0	5.0	NIL
3090	207.0	212.0	5.0	NIL
3091	212.0	215.0	3.0	NIL
3092	224.0	227.0	3.0	NIL
3093	227.0	232.0	5.0	NIL
3094	232.0	237.0	5.0	NIL
3095	237.0	242.0	5.0	NIL
3096	242.0	247.0	5.0	NIL
3097	247.0	252.0	5.0	NIL
3098	252.0	257.0	5.0	NIL
3099	257.0	262.0	5.0	NIL
3100	295.0	297.0	2.0	NIL
3101	297.0	302.0	5.0	NIL
3102	302.0	307.0	5.0	NIL
3103	307.0	310.0	3.0	NIL
3055	57.0	59.5	2.5	1.17
3055A	59.5	62.0	2.5	0.17
3056	62.0	63.5	2.5	0.04
3056A	63.5	65.0	2.5	0.04
4815	10.0	13.0	3.0	0.10
4816	20.0	22.5	2.5	0.01

HOLE NO. HC-85-5

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY
				OZ.
4817	22.5	25.0	2.5	0.09
4818	25.0	27.5	2.5	0.05
4819	27.5	30.0	2.5	0.03
4820	30.0	32.5	2.5	NIL
4821	32.5	35.0	2.5	0.05
4822	35.0	37.5	2.5	0.05
4823	37.5	40.0	2.5	0.01
4824	40.0	42.5	2.5	NIL
4825	42.5	45.0	2.5	0.01
4826	45.0	47.5	2.5	0.01
4827	47.5	49.0	2.5	NIL
4828	49.0	52.0	3.0	0.02
4829	67.0	69.5	2.5	NIL
4830	69.5	72.0	2.5	NIL
4831	72.0	74.5	2.5	0.03
4832	74.5	77.0	2.5	NIL
4833	77.0	79.5	2.5	NIL
4834	79.5	82.0	2.5	NIL
4835	82.0	84.5	2.5	NIL
4836	84.5	87.0	2.5	NIL
4837	87.0	89.5	2.5	0.03
4838	89.5	92.0	2.5	NIL

HOLE NO. HC-85-5

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
4839	92.0	94.5	2.5	NIL.
4840	94.5	97.0	2.5	0.01
4841	112.0	114.5	2.5	NIL
4842	114.5	117.0	2.5	0.14
4843	117.0	120.0	3.0	0.05
4844	12.0	122.5	2.5	NIL
4845	122.5	125.0	2.5	0.27
4846	125.0	126.0	1.0	0.08
4847	152.0	154.5	2.5	0.06
4848	154.5	157.0	2.5	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-6		
LOCATION:	1612 S/ 1554 W	AZIMUTH:	145
DIP AT COLLAR:	-45 (375'/34)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Dec. 6/85

LOGS

0 - 42	CASING	
42.0 - 53.0	ANDESITE	
		Dk green, soft, chloritic, local tr. Py, not mag.
53.0 - 55.0	I.F.	
		Dk, well bedded, highly contorted +/- 30 CA, strongly mag. tr. Po
55.0 - 96.0	METASEDIMENT	
		Grey-green, uniform, weak foliation 60 CA, not mag. unmin. argillitic
		79.0 - 84.0 25% qtz carbonate veining 45 CA, tr. Py,Po strong structure but unfav. app. at this point
96.0 - 108.0	I.F.	
		96.0 - 100.0 Pale greenish buff, cherty 60 CA bedding (or schistosity?) scattered white qtz strings to 2" in shearing 1% Py, very fav. app.
		100.0 - 105.0 as above with 30% qtz veinlets & strings carrying 10% vuggy Py & local Po
		105.0 - 108.0 as 100.0 - 105.0 highly contorted, 5% Py,Po
108.0 - 254.0	METASEDIMENTS	

108.0 - 254.0 Pale grey, uniform, weak foliation 60 CA

124.0 - 127.3 - Vein zone 60 CA, very strong but only tr. of Po seen

139.0 - 141.5 Vein zone 60 CA, very strong, rare tr. Po

153.3 - 154.6 well banded I.F. 60 CA, pale buff with a 4" white qtz vein, local patchy Po along CA

161.0 - 163.5 Qtz vein 1.2 feet 60 CA, local minor fine Po, rest is well bedded I.F., pale, unmin.

242.0 - 254.0 Scattered, irregular ankertie strings

254. 0 - 256.5 Pale, buff, cherty, brec'd, 25% white qtz strings to 4" with blebby Po & ankerite throughout. Overall schistosity 60 CA

256.5 - 259.0 as 254.0 - 256.5

259.0 - 261.5 as 254.0 - 256.5 (less qtz strings)

261.5 - 264.0 as 254.0 - 256.6 (less qtz strings)

264.0 - 281.7 METASEDIMENTS

As 55.0 - 96.0 foliation 80 CA

270.0 - 271.0 I.F., well bedded, pale, cherty, 80 CA, minor Po

271.0 - 275.0 Pale, almost white siliceous, local Po,Py (1%)

275.0 - 277.5 50% Po,Py, blueish qtz strings looks good

277.5 - 280.0 As above with one 6" qtz veinlet 70 CA Py,Po, looks good!

281.7 - 375.0 ANDESITE

Dk green, rare tr. Py, consid. local mag., diss. & patchy epidote

302.0 - 304.0 Numerous ankerite threads, 80 CA becomes more grey (maybe metaseds) not mag., unmin.

304.0 - 305.0 Qtz carbonate veinlet 80 CA, tr. Py

305.0 - 307.0 Numerous qtz strings tr. Py, 80 CA

375.0 END OF HOLE

HC-85-6

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
3147	53.0	55.0	2.0	0.03	NIL
3148	79.0	84.0	5.0	0.01	NIL
3149	96.0	100.0	4.0	1.68	0.05
3150	100.0	105.0	5.0	8.91	0.29
3151	105.0	108.0	3.0	7.25	0.23
3152	124.0	127.3	3.3	0.28	0.01
3153	139.0	141.5	2.5	0.02	NIL
3154	153.3	154.6	1.3	0.01	NIL
3155	161.0	163.5	3.5	0.01	NIL
3156	254.0	256.5	2.5	7.39	0.24
3157	256.5	259.0	2.5	2.30	0.07
3158	259.0	261.5	2.5	2.75	0.08
3159	261.5	264.0	2.5	0.15	NIL
3160	270.0	271.0	1.0	0.03	NIL
3161	271.0	275.0	4.0	0.13	NIL
3162	275.0	277.5	2.5	0.06	NIL
3163	277.5	280.0	2.5	0.06	NIL
3164	304.0	305.0	1.0	0.25	0.01
3165	305.0	307.0	2.0	0.47	0.01
4849	79.0	81.5	2.5	0.01	NIL
4850	81.5	84.0	2.5	0.03	NIL

HC-85-6

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4851	96.0	98.0	2.0	0.32	0.01
4852	98.0	100.0	2.0	1.29	0.04
4853	124.0	127.3	3.3	0.01	NIL
4854	256.5	259.0	2.5	0.97	0.03
4855	259.0	261.5	2.5	1.96	0.06
4856	304.0	305.0	1.0	0.50	0.02
4857	305.0	307.0	2.0	0.63	0.02

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-7		
LOCATION:	161 N/ 41 E	AZIMUTH:	160
DIP AT COLLAR:	-60	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Dec. 5/85

LOGS

0 - 15.0	CASING
15.0 - 37.0	DIORITE

15.0 - 37.0 Dark green, with numerous dark...

37.0	END OF HOLE

Rods broke & jammed in the hole. Hole abandoned

NONE OF THE CORE WAS SAMPLED

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-7a		
LOCATION:	161 N/ 41 E	AZIMUTH:	160
DIP AT COLLAR:	-60 (197')	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Dec. 5/85

LOGS

0 - 16.0	CASING	
16.0 - 115.0	DIORITE	
		Dk green, med. to fine holoxtline equigranular with innumerable tiny leucoxene laths throughout. Not mag., no sulfides seen
		N.B. 21-26 coarse grained variety abrupt but not sharp contacts, have qtz calcite strings.
		68.0 - 71.0 Dk green, chloritic with numerous hairline ankerite threads abrupt change but no sharp contacts
		76.0 - 77.0 Well sheared 60 CA, leucoxene disappears
115.0 - 155.0	I.F.	
		115.0 - 155.0 Pale, buff, cherty with numerous bk mag.-rich bands throughout at 50 CA, becoming highly contorted, with scattered blueish high angle qtz stringers, <1% sulfides (Po,Py)
155.0 - 184.0	ARGILLITE	
		Grey-brown, carbonatized, contact sharp 30 CA, not mag., no sulfides seen
184.0 - 197.0	I.F.	
		184.0 - 187.0 Pale, buff-greenish, cherty, numerous blue qtz strings 3% Po,Py

187.0 - 190.0 Qtz vein, core shattered, local patchy Po,Py at 90° wood frags. from stope

190.0 - 197.0 Pale, buff, cherty, brec'd, 1-5% Po,Py, local bedding 30 CA

197.0 END OF HOLE AT STOPE

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
3104	115.0	117.0	2.0	0.04	NIL
3105	117.0	122.0	5.0	0.01	NIL
3106	122.0	127.0	5.0	0.01	NIL
3107	127.0	132.0	5.0	1.13	0.04
3108	132.0	137.0	5.0	0.04	NIL
3109	137.0	142.0	5.0	0.01	NIL
3110	142.0	147.0	5.0	0.11	NIL
3111	147.0	152.0	5.0	0.04	NIL
3112	152.0	155.0	3.0	0.20	0.01
4144	184.0	187.0	3.0	7.11	0.23
4145	187.0	190.0	3.0	2.37	0.08
4146	190.0	195.0	5.0	1.11	0.04
4147	195.0	197.0	2.0	0.15	NIL
4858	127.0	129.5	2.5	1.15	0.04
4859	129.5	132.0	2.5	0.01	NIL
4860	187.0	190.0	3.0	0.83	0.03
4861	190.0	192.5	2.5	3.02	0.09
4862	192.5	195.0	2.5	0.79	0.02
4863	195.0	197.5	2.5	0.13	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-8		
LOCATION:	26.0S/ 171.0E	AZIMUTH:	350
DIP AT COLLAR:	-60 (167'/63)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Dec 8/85

LOGS

0 - 32 CASING

32 - 167 IRON FORMATION

32 - 82 Dk, strongly mag. well bedded 5 - 30 CA 1% Po scattered blueish qtz strings

82 - 167 Abrupt change to pale green buff, cherty brecciated 1-3% Po,Py, no Aspy seen overall schistosity 20 CA

N.B. @ 127.0 mineralization increases 5% Po & 1/4" qtz strings high & low Power Case ANGLE + Po!

127.0 - 130.5 5% Po mass. streaks 80 CA + Py mass. streaks 80 CA + Py

130.5 - 133 10% Po mass. streaks 80 CA + Py

135.5 - 138.0 10% Po mass. streaks 80 CA + Py

138 - 140.5 10% Po mass. streaks 80 CA + Py

140.5 - 143 10% Po,Py + blue silica

143 - 145.5 2% Po,Py

145.5 - 148.0 2% Po

148 - 150.0 1% Po,Py

150.5 - 153 1% Po,Py

153 - 155.5 1% Po,Py

155.5-158 1% Po,Py

158.0 - 160.5 40% streaky, mas. Po,Py (xtls)

160.5 - 163 40% streaky, mas., Po,Py (xtls)

163 - 165.5 60% steaky Po,Py xtls in Po!!

165.5 - 167 30% Po,Py xtls in the Po

N.B. broke into stope - open hole to 178'

167.0 END OF HOLE

HOLE NO. HC-85-8

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
3113	32.0	37.0	5.0	NIL
3114	37.0	42.0	5.0	NIL
3115	42.0	47.0	5.0	NIL
3116	47.0	52.0	5.0	NIL
3117	52.0	57.0	5.0	0.19
3118	57.0	62.0	5.0	NIL
3119	62.0	67.0	5.0	NIL
3120	67.0	72.0	5.0	NIL
3121	72.0	77.0	5.0	0.05
3122	77.0	82.0	5.0	NIL
3123	82.0	87.0	5.0	NIL
3124	87.0	92.0	5.0	NIL
3125	92.0	97.0	5.0	NIL
3126	97.0	102.0	5.0	NIL
3127	102.0	107.0	5.0	NIL
3128	107.0	112.0	5.0	NIL
3129	112.0	117.0	5.0	NIL
3130	117.0	122.0	5.0	NIL
3131	122.0	127.0	5.0	NIL
3132	127.0	130.5	3.5	0.01
3133	130.5	133.0	2.5	NIL
3134	133.0	135.5	2.5	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
3135	135.5	138.0	2.5	NIL
3136	138.0	140.5	2.5	NIL
3137	140.5	143.0	2.5	0.01
3138	143.0	145.0	2.5	NIL
3139	145.0	148.0	3.0	NIL
3140	148.0	150.5	2.5	NIL
3141	150.5	153.0	2.5	NIL
3142	153.0	155.5	2.5	NIL
3143	155.5	158.0	2.5	NIL
3144	158.0	160.5	2.5	NIL
3145	160.5	163.0	2.5	NIL
3146	163.0	165.5	2.5	NIL
3147	165.5	167.0	1.5	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crov	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-9		
LOCATION:	1557.0 S/ 1487.0W	AZIMUTH:	142
DIP AT COLLAR:	-45 (350'/35)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Dec. 8/85

LOGS

0 - 50	CASING	
50 - 63	ANDESITE	
		50 - 63 Dk green, not mag., chloritic local tr. fine Py, patchy epidote @ 63.0 & limonitic seam
63 - 100	DIORITE	
		63 - 100 Pale green, spotted with darker green clots & leucoxene laths. Not mag., unmin. @ 87.5 1/4" well bedded I.F. band, bk. strong mag.
100 - 121.5	IRON FORMATION	
		100 - 121.5 Pale, buff, cherty, brec'd, blueish white qtz stringers scattered throughout @ high angles
		100 - 105 1% Py,Po
		105 - 110 2% Po,Py
		110 - 115 5 - 20% Py,Po, qtz strings 90 CA
		115 - 120 5 - 20% Py,Po, qtz strings 90 CA
		120 - 121.5 3 - 5% Py,Po, qtz strings 90 CA
121.5 - 185	METASEDIMENTS	
		121.5 - 185 Grey, uniform, not mag. unmin.
		134.5 - 135 White qtz vein 60, conformable

148 - 150 qtz carbonate vein 70 CA, very strong local fn. Py,Po

153 - 154 I.F. pale, cherty well bedded 60 CA, 1% Po

156 - 161 Pale, cherty, contorted (0 - 70) qtz strings, 1% Po, high angle cutting bedding

161 - 165 Pale cherty contorted 1% fine Po

165 - 170 Pale cherty contorted 1% fine Po

170 - 174 Pale cherty contorted 1% fine Po

174 - 178 Argillite, dk grey, unmin.?

178 - 181 Pale, cherty, 60 bedding & 3" qtz strings (5% Po, minor Cpy)

181 - 185 Argillite, weak 60 foliation tr. Py

185 - 200 Pale, cherty, 1% Po, local strings except as follows.

194 - 196 2" blebby massive Po + 1" qtz string, Po, Cpy, Py

200 - 201 Argillite, 60 shearing

201 - 250 Pale, cherty, bedding 60 CA, qtz stringers & 1% Po,Py

250 - 257.5 Argillite, numerous hairline ankerite threads 60 CA & scattered rare trace Py

257.5 - 260 Pale, cherty, 60 CA bedding, qtz strings, 1% Po,Py as above with 2' section of argillite

265 - 270 Pale, cherty, 60 bedding, qtz strings 1% Po,Py

270 - 271 Chloritic, 5% Po, 60 schistosity

271 - 273 50% Py qtz strings to 4" qtz with minor red sphalerite, local Po,Py 60 CA

273 - 274 Chloritic with 4" qtz 60 CA patchy Po

274 - 278 30% Py in mas. bands 60 CA, numerous qtz strings & local rare red sphalerite

N.B. It seems likely that # 5 vein goes through a F.W. bulge in the I.F. between 265 - 278 very fav. app.

278 - 283 Pale green, 3% Po in streaks & diss.

283 - 288 Pale green, 3% Po in streaks & diss.

288 - 290 As above + 12" highly siliceous "vein" section. Wallrock only carries 3% Po,Py

290 - 350 ANDESITE

Dk green, chloritic, scattered hairline ankerite threads & strings, 60 - 80 to CA consid. fine mag. locally & rare tr. Py

290 - 291.0 one 1/4" Qtz string 60 CA coarse Po,Py

350.0 END OF HOLE

HOLE NO. HC-85-9

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
4123	210.0	215.0	5.0	0.02
4124	215.0	220.0	5.0	0.01
4125	220.0	225.0	5.0	NIL
4126	225.0	230.0	5.0	0.01
4127	230.0	235.0	5.0	0.03
4128	235.0	240.0	5.0	0.02
4129	240.0	245.0	5.0	0.05
4130	245.0	250.0	5.0	0.02
4131	250.0	255.0	5.0	NIL
4132	255.0	257.5	2.5	NIL
4133	257.5	260.0	2.5	0.02
4134	260.0	265.0	5.0	0.02
4135	265.0	270.0	5.0	0.05
4136	270.0	271.0	1.0	0.11
4137	271.0	273.0	2.0	0.02
4138	273.0	274.0	1.0	NIL
4139	274.0	278.0	4.0	0.01
4140	278.0	283.0	5.0	0.01
4141	283.0	288.0	5.0	NIL
4142	288.0	290.0	2.0	NIL
4143	290.0	291.0	1.0	NIL
4880	100.0	102.5	2.5	NIL

HOLE NO. HC-85-9

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY
				OZ.
4101	100.0	105.0	5.0	0.01
4102	105.0	110.0	5.0	0.06
4103	110.0	115.0	5.0	0.03
4104	115.0	120.0	5.0	0.40
4105	120.0	121.5	1.5	0.08
4106	134.5	135.0	0.5	NIL
4107	148.0	150.0	2.0	NIL
4108	153.0	154.0	1.0	NIL
4109	156.0	161.0	5.0	NIL
4110	161.0	165.0	4.0	NIL
4111	165.0	170.0	5.0	NIL
4112	170.0	174.0	4.0	NIL
4113	174.0	178.0	4.0	NIL
4114	178.0	181.0	3.0	0.02
4115	181.0	185.0	4.0	NIL
4116	185.0	190.0	5.0	NIL
4117	190.0	194.0	4.0	0.02
4118	194.0	196.0	2.0	0.01
4119	196.0	200.0	4.0	NIL
4120	200.0	201.0	1.0	NIL
4121	201.0	205.0	4.0	0.02
4122	205.0	210.0	5.0	NIL

HOLE NO. HC-85-9

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
4881	102.5	105.0	2.5	0.03
4882	105.0	107.5	2.5	NIL
4883	107.5	110.0	2.5	0.13
4884	110.0	112.5	2.5	0.03
4885	112.5	115.0	2.5	0.03
4886	120.0	121.5	1.5	0.06
4887	134.5	135.0	0.5	NIL
4888	190.0	192.0	2.0	0.18
4889	192.0	194.0	2.0	NIL
4890	194.0	196.0	2.0	0.02
4891	201.0	202.5	1.5	NIL
4892	202.5	205.0	2.5	0.02
4893	205.0	207.5	2.5	NIL
4894	207.5	210.0	2.5	NIL
4895	210.0	212.5	2.5	NIL
4896	212.5	215.0	2.5	0.05
4897	215.0	217.5	2.5	NIL
4898	217.5	220.0	2.5	0.01
4899	220.0	222.5	2.5	NIL
4900	222.5	225.0	2.5	0.01
4901	225.0	227.5	2.5	NIL
4902	227.5	230.0	2.5	0.01
4903	230.0	232.5	2.5	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
4904	232.5	235.0	2.5	0.04
4905	235.0	237.5	2.5	NIL
4906	237.5	240.0	2.5	0.04
4907	240.0	242.5	2.5	0.02
4908	242.5	245.0	2.5	0.03
4909	245.0	247.5	2.5	0.08
4910	247.5	250.0	2.5	NIL
4911	250.0	252.5	2.5	0.01
4912	252.5	255.0	2.5	NIL
4913	255.0	257.5	2.5	NIL
4914	257.5	260.0	2.5	0.10
4915	260.0	262.5	2.5	NIL
4916	262.5	265.0	2.5	0.04
4917	265.0	267.5	2.5	0.05
4918	267.5	270.0	2.5	0.06
4919	270.0	271.0	1.0	0.14
4920	271.0	273.0	2.0	0.01
4921	273.0	274.0	1.0	NIL
4922	274.0	276.0	2.0	0.03
4923	276.0	278.0	2.0	NIL
4924	278.0	280.5	2.5	0.02
4925	280.5	283.0	2.5	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-10		
LOCATION:	125 S/ 116W	AZIMUTH:	
DIP AT COLLAR:	-90 (200'/85, 375'/84)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Dec.12/85

LOGS

0 - 10.0	CASING
10.0 - 377.0	I.F.

100- 267 Pale, cherty, very hard 1-3% Po,Py, Aspy & numerous blue qtz strings, high angle to CA very fav. app. throughout

@ 267.0 Highly graphitic, strong shearing 5-20 CA 1% Po,Py to 302

Then Tuffaceous pale brown-grey, 1% Po,Py with local buff cherty sections. This becoming continuous

371 - 376 Intermediate dyke, pale grey, soft uniform, not mag., unmin.

376.0 - 377 I.F., pale, buff, cherty hairline blueish qtz strings, high angle 1% Py,Po

377.0 END OF HOLE

HOLE NO. HC-85-10

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
3166	10.0	17.0	7.0	0.01
3167	17.0	22.0	5.0	1.09
3168	22.0	27.0	5.0	0.13
3169	27.0	32.0	5.0	0.01
3170	32.0	37.0	5.0	0.06
3171	37.0	42.0	5.0	0.02
3172	42.0	47.0	5.0	0.45
3173	47.0	52.0	5.0	0.13
3174	52.0	57.0	5.0	0.09
3175	57.0	62.0	5.0	0.07
3176	62.0	67.0	5.0	0.10
3177	67.0	72.0	5.0	0.01
3178	72.0	77.0	5.0	NIL
3179	77.0	82.0	5.0	NIL
3180	82.0	87.0	5.0	0.01
3181	87.0	92.0	5.0	NIL
3182	92.0	97.0	5.0	NIL
3183	97.0	102.0	5.0	NIL
3184	102.0	107.0	5.0	NIL
3185	107.0	112.0	5.0	NIL
3186	112.0	117.0	5.0	NIL
3187	117.0	122.0	5.0	0.01

HOLE NO. HC-85-10

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
3188	122.0	127.0	5.0	NIL
3189	127.0	132.0	5.0	NIL
3190	132.0	137.0	5.0	NIL
3191	137.0	142.0	5.0	NIL
3192	142.0	147.0	5.0	NIL
63771	147.0	152.0	5.0	NIL
63772	152.0	157.0	5.0	NIL
63773	157.0	162.0	5.0	NIL
63774	162.0	167.0	5.0	NIL
63775	167.0	172.0	5.0	NIL
63776	172.0	177.0	5.0	NIL
63777	177.0	182.0	5.0	NIL
63778	182.0	187.0	5.0	NIL
63779	187.0	192.0	5.0	0.01
63780	192.0	197.0	5.0	NIL
63781	197.0	202.0	5.0	NIL
63782	202.0	207.0	5.0	NIL
63783	207.0	212.0	5.0	NIL
63784	212.0	217.0	5.0	NIL
63785	217.0	222.0	5.0	0.02
63786	222.0	227.0	5.0	NIL
63787	227.0	232.0	5.0	0.06

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY
				OZ.
63788	232.0	237.0	5.0	0.02
63789	237.0	242.0	5.0	0.01
63790	242.0	247.0	5.0	NIL
63791	247.0	252.0	5.0	NIL
63792	252.0	257.0	5.0	NIL
67793	257.0	262.0	5.0	NIL
11446	262.0	267.0	5.0	NIL
11447	267.0	272.0	5.0	NIL
11448	272.0	277.0	5.0	NIL
11449	277.0	282.0	5.0	NIL
11450	282.0	287.0	5.0	NIL
11451	287.0	292.0	5.0	NIL
11452	292.0	297.0	5.0	NIL
11453	297.0	302.0	5.0	NIL
11454	302.0	304.5	2.5	NIL
11455	304.5	307.0	2.5	NIL
11456	307.0	309.5	2.5	NIL
11457	309.5	312.0	2.5	NIL
11458	312.0	317.0	5.0	NIL
11459	317.0	322.0	5.0	NIL
11460	322.0	327.0	5.0	NIL
11461	327.0	332.0	5.0	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
11462	332.0	337.0	5.0	NIL
11463	337.0	342.0	5.0	NIL
11464	342.0	347.0	5.0	NIL
11465	347.0	352.0	5.0	NIL
11466	352.0	357.0	5.0	NIL
11467	357.0	362.0	5.0	NIL
11468	362.0	364.5	5.0	NIL
11469	364.5	367.0	2.5	NIL
11470	367.0	371.0	4.0	NIL
11471	376.0	377.0	1.0	NIL
4926	10.0	13.0	3.0	0.01
4927	13.0	17.0	4.0	NIL
4928	27.0	29.5	2.5	.03
4929	29.5	32.0	2.5	.02
4930	32.0	34.5	2.5	NIL
4931	34.5	37.0	2.5	0.06
4932	37.0	39.5	2.5	NIL
4933	39.5	42.0	2.5	.03
4934	47.0	49.5	2.5	0.10
4935	49.5	52.0	2.5	.02
4936	52.0	54.5	2.5	0.22
4937	54.5	57.0	2.5	.01

HOLE NO. HC-85-10

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
4938	57.0	59.5	2.5	0.10
4939	59.5	62.0	2.5	NIL
4940	62.0	64.5	2.5	0.11
4941	64.5	67.0	2.5	0.10
4942	67.0	69.5	2.5	.02
4943	69.5	72.0	2.5	NIL
4944	72.0	74.5	2.5	NIL
4945	74.5	77.0	2.5	.01
4946	77.0	79.5	2.5	.01
4947	79.5	82.0	2.5	.01
4948	82.0	84.5	2.5	.01
4949	84.5	87.0	2.5	.01
4950	222.0	224.5	2.5	NIL
4951	224.5	227.0	2.5	NIL
4952	227.0	229.5	2.5	NIL
4953	229.5	232.0	2.5	.02
4954	232.0	234.5	2.5	.02
4955	234.5	237.0	2.5	0.07
4956	237.0	239.5	2.5	NIL
4957	239.5	242.0	2.5	NIL
4958	242.0	244.5	2.5	.01
4959	244.5	247.0	2.5	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crov	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-11		
LOCATION:	1632 S/ 1280W	AZIMUTH:	218
DIP AT COLLAR:	-60 (390'/63°)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Dec.12/85

LOGS

0 - 17.0	CASING
17.8 - 310.0	I.F.
	14.0 - 122.0 Dk grey-green, abundant mag. bands & considerable Po throughout (2-5%). Sparse blueish qtz strings overall, bedding 20 CA
	122.0 - 310.0 Much paler, buff, brec'd 1-3% Po,Py
310.0 - 390.0	ANDESITE (?)
	Dk green-grey, mas. not mag. might be a metased.?
390.0	END OF HOLE

HC-85-11

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4148	14.0	19.0	5.0	0.05	NIL
4149	19.0	24.0	5.0	0.02	NIL
4150	24.0	29.0	5.0	0.22	NIL
4151	29.0	34.0	5.0	0.45	0.01
4152	34.0	39.0	5.0	2.39	0.08
4153	39.0	44.0	5.0	0.76	0.02
4154	44.0	49.0	5.0	0.87	0.03
4155	49.0	54.0	5.0	1.33	0.04
4156	54.0	59.0	5.0	0.46	0.01
4157	59.0	64.0	5.0	0.11	NIL
4158	64.0	69.0	5.0	1.39	0.04
4159	69.0	74.0	5.0	0.01	NIL
4160	74.0	79.0	5.0	0.28	0.01
4161	79.0	84.0	5.0	3.27	0.10
4162	84.0	89.0	5.0	1.02	0.03
4163	89.0	94.0	5.0	0.06	NIL
4164	94.0	99.0	5.0	0.88	0.03
4165	99.0	104.0	5.0	0.06	NIL
4166	104.0	107.0	3.0	0.06	NIL
4167	107.0	112.0	5.0	0.05	NIL
4168	112.0	117.0	5.0	0.03	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4169	117.0	122.0	5.0	0.12	NIL
4170	122.0	127.0	5.0	0.02	NIL
4171	127.0	132.0	5.0	1.12	0.04
4172	132.0	137.0	5.0	0.48	0.01
4173	137.0	142.0	5.0	0.26	0.01
4174	142.0	147.0	5.0	0.12	NIL
4175	147.0	152.0	5.0	0.66	0.02
4176	152.0	157.0	5.0	0.30	0.01
4177	157.0	162.0	5.0	1.82	0.06
4178	162.0	167.0	5.0	0.03	NIL
4179	167.0	172.0	5.0	0.03	NIL
4180	172.0	177.0	5.0	0.06	NIL
4181	177.0	182.0	5.0	0.76	0.02
4182	182.0	187.0	5.0	0.02	NIL
4183	187.0	192.0	5.0	0.02	NIL
4184	192.0	197.0	5.0	0.10	NIL
4185	197.0	202.0	5.0	1.69	0.05
4186	202.0	207.0	5.0	2.44	0.08
4187	207.0	212.0	5.0	0.55	0.02
4188	212.0	217.0	5.0	0.56	0.08
4189	217.0	222.0	5.0	0.32	0.01

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4190	222.0	227.0	5.0	0.74	0.02
4191	227.0	232.0	5.0	1.94	0.06
4192	232.0	237.0	5.0	0.15	NIL
4193	237.0	242.0	5.0	0.19	NIL
4194	242.0	247.0	5.0	0.15	NIL
4195	247.0	252.0	5.0	0.05	NIL
4196	252.0	257.0	5.0	0.11	NIL
4197	257.0	262.0	5.0	0.01	NIL
4198	262.0	267.0	5.0	0.05	NIL
4199	267.0	272.0	5.0	0.08	NIL
4200	272.0	277.0	5.0	0.29	0.01
63764	277.0	282.0	5.0	0.12	NIL
63765	282.0	287.0	5.0	0.16	NIL
63766	287.0	292.0	5.0	0.10	NIL
63767	292.0	297.0	5.0	0.17	NIL
63768	297.0	302.0	5.0	0.10	NIL
63769	302.0	307.0	5.0	0.02	NIL
63770	307.0	310.0	3.0	0.04	NIL
63794	310.0	315.0	5.0	0.02	NIL
4960	64.0	66.5	2.5	NIL	NIL
4961	66.5	69.0	2.5	NIL	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4962	69.0	71.5	2.5	NIL	NIL
4963	71.5	74.0	2.5	NIL	NIL
4964	74.0	76.5	2.5	NIL	NIL
4965	76.5	79.0	2.5	NIL	NIL
4966	79.0	81.5	2.5		0.24
4967	81.5	84.0	2.5	NIL	NIL
4968	84.0	86.5	2.5	NIL	NIL
4969	86.5	89.0	2.5	NIL	NIL
4970	89.0	91.5	2.5	NIL	NIL
4971	91.5	94.0	2.5	NIL	NIL
4972	94.0	96.5	2.5	NIL	NIL
4973	96.5	99.0	2.5		0.05
4974	197.0	199.5	2.5		0.10
4975	199.5	202.0	2.5		0.03
4976	202.0	204.5	2.5		0.04
4977	204.5	207.0	2.5		0.14
4978	207.0	209.5	2.5		0.04
4979	209.5	212.0	2.5		0.03
4980	212.0	214.5	2.5		0.06
4981	214.5	217.0	2.5	NIL	NIL
4982	217.0	219.5	2.5	NIL	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4983	219.5	222.0	2.5	NIL	NIL
4984	222.0	224.5	2.5	NIL	NIL
4985	224.5	227.0	2.5	NIL	NIL
4986	227.0	229.5	2.5		0.05
4987	229.5	232.0		NIL	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-12		
LOCATION:	278.0 S/ 104.0W	AZIMUTH:	300
DIP AT COLLAR:	-45 (15'/45, 100'/45, 200'/44, 300'/42)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Dec. 14/85

LOG

0 - 17.0	CASING
17.0 - 275.0	IRON FORMATION

17.0 - 54.0 Pale to dk grey & buff, brec'd very hard, scattered blue qtz stringers high angle to CA, 1-5% Po,Py & Aspy. Very fav. app. Overall bedding 30 - 45 CA

54.0 - 115.0 Intensely bleached, buff, brec'd, 45 contact, becoming greenish, less fav. app. than 17.0 - 54.0. Less than 1% Po,Py, local graphitic sections

115.0 - 275.0 Much more fav. app., brec'd, 1-5% Po,Py, no Aspy seen

275.0 - 341.0	DIORITE

Dk green, mass. with darker "clots" throughout (may not be an intrusion) Not mag., unmin.

341.0	END OF HOLE

HOLE NO. HC-85-12

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
4628	17.0	20.0	3.0	NIL
4629	20.0	25.0	5.0	NIL
4630	25.0	30.0	5.0	NIL
4631	30.0	35.0	5.0	NIL
4632	35.0	40.0	5.0	0.01
4633	40.0	45.0	5.0	NIL
4634	45.0	50.0	5.0	tr.
4635	50.0	55.0	5.0	0.02
4636	55.0	60.0	5.0	tr.
4637	60.0	65.0	5.0	0.01
4638	65.0	70.0	5.0	NIL
4639	70.0	75.0	5.0	NIL
4640	75.0	80.0	5.0	NIL
4641	80.0	85.0	5.0	NIL
4642	85.0	90.0	5.0	NIL
4643	90.0	95.0	5.0	NIL
4644	95.0	100.0	5.0	NIL
4645	100.0	105.0	5.0	NIL
4646	105.0	110.0	5.0	NIL
4647	110.0	115.0	5.0	0.01
4648	115.0	120.0	5.0	NIL
4649	120.0	125.0	5.0	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
4650	125.0	130.0	5.0	tr.
4651	130.0	135.0	5.0	0.02
4652	135.0	140.0	5.0	NIL
4653	140.0	145.0	5.0	0.01
4654	145.0	150.0	5.0	NIL
4655	150.0	155.0	5.0	NIL
4656	155.0	160.0	5.0	NIL
4657	160.0	165.0	5.0	NIL
4658	165.0	170.0	5.0	NIL
4659	170.0	175.0	5.0	0.01
4660	175.0	180.0	5.0	0.02
4661	180.0	185.0	5.0	0.03
4662	185.0	190.0	5.0	NIL
4663	190.0	195.0	5.0	NIL
4664	195.0	200.0	5.0	NIL
4665	200.0	205.0	5.0	NIL
4666	205.0	210.0	5.0	NIL
4667	210.0	215.0	5.0	NIL
4668	215.0	220.0	5.0	NIL
4669	220.0	225.0	5.0	0.02
4670	225.0	230.0	5.0	NIL
4671	230.0	235.0	5.0	NIL
4672	235.0	240.0	5.0	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
4673	240.0	245.0	5.0	NIL
4674	245.0	250.0	5.0	NIL
4675	250.0	255.0	5.0	NIL
4676	255.0	260.0	5.0	NIL
4677	260.0	265.0	5.0	NIL
4678	265.0	270.0	5.0	NIL
4679	270.0	275.0	5.0	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-13		
LOCATION:	111.0 S/ 70.0W	AZIMUTH:	350
DIP AT COLLAR:	-53 (220°/53°)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Dec.14/85

LOGS

0 - 12.0 CASING

12.0 - 15.0 METASEDIMENTS

Pale, grey, very soft, highly sheared 20 CA, sericitic, with innumerable tiny qtz grains. Unmin., not mag.

15.0 - 93.0 I.F.

15.0 - 55.0 Very pale, cherty, buff with local 20 bedding & scattered blue qtz strings throughout 1% Po,Py. Highly brec'd fav. app.

55.0 - 66.0 Abundant patchy bk. mag., strings 1% Po, tr. Aspy

66.0 - 75.0 As 15.0 - 55.0

75.0 - 93.0 As 55.0 - 66.0, 90.0 - 93.0 30% blueish qtz, 1% Po

93.0 - 106.0 KIMBERLITE DYKE

Contacts 30 CA

106.0 - 208.5 I.F.

106.0 - 208.5 Mostly pale, buff, brec'd, 10 - 30 CA, local bedding, some chloritic sections. Considerable local Aspy & blueish qtz strings, locally

N.B. rods stuck in hole, 3' core lost between 196.0 & 201.0

208.5 - 220.5 vein qtz 45 CA, blueish, abundant fine VG & some coarse VG, scattered throughout. Very rich & spectacular. All core sent for assay

220.5 - 231 Intensely sheared metaseds, core shattered, all core sent for assay local fine Py in strings & fuchsite

231.0 END OF HOLE

HOLE NO. HC-85-13

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
86551	12.0	15.0	3.0	0.01	NIL
86552	15.0	20.0	5.0	0.15	NIL
86553	20.0	25.0	5.0	0.01	NIL
86554	25.0	30.0	5.0	0.61	0.02
86555	30.0	35.0	5.0	0.12	NIL
86556	35.0	40.0	5.0	0.09	NIL
86557	40.0	45.0	5.0	0.21	0.01
86558	45.0	50.0	5.0	0.08	NIL
86559	50.0	55.0	5.0	0.19	NIL
86560	55.0	60.0	5.0	0.31	0.01
86561	60.0	65.0	5.0	0.26	0.01
86562	65.0	70.0	5.0	0.18	NIL
86563	70.0	75.0	5.0	9.10	0.29
86564	75.0	80.0	5.0	1.91	0.06
86565	80.0	85.0	5.0	0.50	0.02
86566	85.0	90.0	5.0	1.04	0.03
86567	90.0	93.0	3.0	9.25	0.29
4601	106.0	111.0	5.0	15.91	0.50
4602	111.0	116.0	5.0	1.21	0.04
4603	116.0	121.0	5.0	1.31	0.04
4604	121.0	126.0	5.0	17.59	0.55

HOLE NO. HC-85-13

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4605	126.0	131.0	5.0	0.85	0.03
4606	131.0	136.0	5.0	14.21	0.44
4607	136.0	141.0	5.0	0.15	NIL
4608	141.0	146.0	5.0	0.20	0.01
4609	146.0	151.0	5.0	0.10	NIL
4610	151.0	156.0	5.0	0.13	NIL
4611	156.0	161.0	5.0	0.13	NIL
4612	161.0	166.0	5.0	0.15	NIL
4613	166.0	171.0	5.0	0.08	NIL
4614	171.0	176.0	5.0	0.23	0.01
4615	176.0	181.0	5.0	1.66	0.05
4616	181.0	186.0	5.0	11.66	0.37
4617	186.0	191.0	5.0	1.75	0.05
4618	191.0	196.0	5.0	0.81	0.03
4619	196.0	201.0	5.0	2.93	0.09
4620	201.0	206.0	5.0	1.35	0.04
4621	206.0	208.5	2.5	0.13	0.005
4622	208.5	214.5	6.0		9.29
4623	214.5	220.5	6.0		6.16
4624	220.5	222.5	2.0		0.01
4625	222.5	224.5	2.0	3.75	0.12

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4626	224.5	227.0	2.5	0.10	NIL
4627	227.0	231.0	4.0	0.12	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-14		
LOCATION:	1680.0 S/ 1632.0W	AZIMUTH:	145
DIP AT COLLAR:	-45 (300'/45)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Dec. 15/85

LOGS

0 - 30 CASING

30- 55.0 ANDESITE?

30.0 - 55.0 Dk green to grey, soft, 70 foliation interbedded I.F. as follows

32.0 - 33.0 Pale, highly siliceous 70 CA, 1% Py

38.5 - 40.0 Dk grey, graphitic, 70 CA, 3% Py (seams)

47.5 - 48.5 Highly contorted, siliceous, 2% Py, tr. Cpy (+/- 45 CA)

48.5 - 50.5 Well bedded 70 CA, chloritic, alot Aspy, Po

50.5 - 55.0 Well bedded 70 CA, consid. mag. 1% Po,Py no Aspy seen

55.0 - 83.0 DIORITE

Dk green, hard, fine, equigranular, holoxtline not mag., local concentrations of Py (best seen 67.5 - 68.5, 3% in 30 seam) Leucoxene throughout

83.0 - 99.0 I.F.

83.0 - 99.0 Very pale, buff, brec'd, 1% Po,Py, Aspy +/- 60 CA, very fav. app.

99.0 - 36.5 METASEDIMENTS?

Pale to dk grey, not mag., uniform with numerous hairline ankerite threads

Unmineralized except as follows: Tr. Po @ 106', 117' @ 118.0 gradually becomes brownish colour (biotite?)

120.0 - 121.0 I.F. pale brown, very siliceous, 2% Po, Cpy, Py, blueish qtz strings, 70 CA bedding, very fav. app.

121.0 - 124.5 Pale, buff, 70 bedding, numerous white qtz strings throughout, 1-2% Po,Py no Aspy seen. Very fav. app.

134.5 - 137.0 Pale, buff, 30-45 CA bedding 1% Po

137.0 - 138.0 White qtz vein + chlorite + ankerite 1/4" seam of vuggy massive Py

144.0 - 146.5 Pale, buff, brec'd, local qtz strings, < 1% Po

146.5 - 148.0 Grey metaseds. tr. Po, 70 CA foliation

148.0 - 150.5 Pale, buff, cherty, brec'd, 1% Py, Po, 60 CA

186.5 - 187.8 qtz vein, white, 60 CA, consid. calcite, tr. Py & fuchsite

282.5 - 283.5 6" qtz vein 70 CA unmin.

285.8 - 287.8 Strong shear for 6", rest is pale, bleached, buff, cherty, numerous blue qtz strings, 1% Py,Po

287.8 - 289.3 One 1" qtz string 90 CA 2% Py, Cpy. Rest is chlorite with weak bands of buff cherty I.F. 70 CA

289.3 : 290.7 60% qtz veining in buff cherty brec'd I.F. with patchy chlorite, 3% Po

290.7 - 293.7 Pale greenish buff I.F. 2% Po,Py

293.7 - 294.4 Buff, pale with 2" band of mas. Po,Py @ 50 CA Very fav. app.

294.4 - 297.0 Pale grey metaseds 70 foliation unmin.

297.0 - 299.5 10% Po,Py & numerous qtz strings +/- 70 CA

299.0 - 302.0 10% Po,Py & numerous qtz strings +/- 70 CA

302.0 - 304.5 5% Po,Py & numerous qtz strings +/- 70 CA

304.5 - 307.0 15% Po,Py & numerous qtz strings +/- 70 CA

307.0 - 309.5 1% Py,Po & numerous qtz strings +/- 70 CA

309.5 - 312.0 10% Py,Po & numerous qtz strings +/- 70 CA

312.0 - 314.5 5% Py,Po & numerous qtz strings +/- 70 CA

314.5 - 317.0 2% Py,Po extremely pale & siliceous

317.0 - 322.0 2% Py,Po & numerous qtz strings +/- 70 CA

322.0 - 327.0 2% Py,Po & numerous qtz strings +/- 70 CA

327.0 - 332.0 2% Py,Po & numerous qtz strings +/- 70 CA

332.0 - 337.0 2% Py,Po extremely pale & siliceous, 70 lineations

337.0 - 342.0 Metasediments, grey, numerous 70 carbonate strings 1% Po,Py

342.0 347.0 As 337.0 - 342.0 but unmin.

347.0 - 360.0 As 342.0 - 347.0

360.0 - 365.0 Andesite, dk green, consid. euhedral mag., tr. Py, contact 45 CA

365.0 END OF HOLE

HOLE NO. HC-85-14

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4501	32.0	33.0	1.0	0.14	NIL
4502	38.5	40.0	1.5	0.04	NIL
4503	47.5	48.5	1.0	0.01	NIL
4504	48.5	50.5	2.0	0.01	NIL
4505	50.5	55.0	4.5	0.01	NIL
4506	67.5	68.5	1.0	0.01	NIL
4507	83.0	85.0	2.0	1.55	0.05
4508	85.0	87.0	2.0	0.13	NIL
4509	87.0	89.0	2.0	0.01	NIL
4510	89.0	91.0	2.0	0.04	NIL
4511	91.0	93.0	2.0	0.12	NIL
4512	93.0	95.0	2.0	0.05	NIL
4513	95.0	97.0	2.0	0.07	NIL
4514	97.0	99.0	2.0	0.01	NIL
4515	120.0	121.0	1.0	0.01	NIL
4516	121.0	123.0	2.0	0.07	NIL
4517	123.0	124.5	1.5	0.09	NIL
4518	134.5	137.0	2.5	0.02	NIL
4519	137.0	138.0	1.0	0.11	NIL
4520	144.0	146.5	2.5	0.01	NIL
4521	146.5	148.0	2.5	0.01	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4522	148.0	150.5	2.5	0.01	NIL
4523	186.5	187.8	2.3	0.01	NIL
4524	282.5	283.5	1.0	0.01	NIL
4525	285.8	287.8	2.0	0.24	0.01
4526	287.8	289.3	1.5	0.01	NIL
4527	289.3	290.7	1.4	0.05	NIL
4528	290.7	293.7	3.0	0.03	NIL
4529	293.7	294.4	0.7	0.04	NIL
4530	294.4	297.0	2.6	0.15	NIL
4531	297.0	299.5	2.5	0.15	NIL
4532	299.5	302.0	2.5	0.07	NIL
4533	332.0	304.5	2.5	0.08	NIL
4534	304.5	307.0	2.5	1.27	0.04
4535	307.0	309.5	2.5	0.71	0.02
4536	309.5	312.0	2.5	1.34	0.04
4537	312.0	314.5	2.5	0.29	0.01
4538	314.5	317.0	2.5	5.74	0.184
4539	317.0	322.0	5.0	1.29	0.04
4540	322.0	327.0	5.0	1.25	0.04
4541	327.0	332.0	5.0	0.19	NIL
4542	332.0	337.0	5.0	0.19	NIL

HOLE NO. HC-85-14

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4543	337.0	342.0	5.0	0.06	NIL
4544	342.0	347.0	5.0	0.17	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-85-15		
LOCATION:	86.5 S/ 80.0E	AZIMUTH:	350
DIP AT COLLAR:	-60 (400'/-62)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Dec. 17/85

LOGS

0 - 14.0 CASING

14.0 - 429.0 I.F.

14.0 - 92.0 Pale, buff, bedding 25 CA, brec'd, scattered blue qtz strings, 1% Po,Py overall

92.0 - 117.0 Grey argillaceous, graphitic, bedding locally @ 25 CA

117.0 267.0 Pale, buff, bedding 10-25 CA brec'd 1-2% Po,Py overall with local Aspy diss. (strong concentrations between 202 to 260

N.B. Consid. mag. banding from 260 - 267

N.B. Possible steel grey tellurides @ 289.5 - 292.0

294.5 - 297.0 Pale, brec'd, 1% Po, blue qtz string to 1", low angle with 1/4" Po band 60 CA

297.0 - 332.0 Pale, weakly chloritic 1-3% Po, blue qtz stringers

307.0 - 332.0 weak bedding 20 CA

332.0 - 333.0 Coarse patchy Po in blue qtz strings 40 CA in pale cherty brec'd I.F.

FROM 333.0, highly chlortic, extensely sheared, 20 CA, abundant mag. in mas. areas with pale grey chert & blue/white qtz strings, numerous blue qtz strings @ varying angles, 1-3% Po to 360.0, then dk with abundant mag., brec'd, core angles + 20 CA & 3-5% Po with local Aspy

AT 380.0 becomes pale buff again as 340.0 - 360.0. Numerous blue qtz stringers throughout @ low & high angles to CA. Very fav. app. 1-3% Po (no Aspy seen)

N.B. 410.0 - 413.0 numerous blue/white qtz strings & veinlets to 4" with 1% Po,Py (high angles)

N.B. 419.0 - 421.0 Pale grey argillite 30 CA

421.0 - 424.0 Pale cherty, I.F. 3-5% Po,Py minor Cpy & scattered blue qtz strings. Bedding & contacts 35 CA very fav. app.

424.0 - 429.0 Pale grey to buff argillite, sericitic 2% fine Py. This is the F.W. of # 1 vein as hole broke into stope from 429.0 - 437.0. Hole stopped.

429.0 END OF HOLE

HC-85-15

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4701	14.0	17.0	3.0	0.04	NIL
4702	17.0	22.0	5.0	0.03	NIL
4703	22.0	27.0	5.0	0.08	NIL
4704	27.0	32.0	5.0	0.06	NIL
4705	32.0	37.0	5.0	0.02	NIL
4706	37.0	42.0	5.0	0.04	NIL
4707	42.0	47.0	5.0	<0.01	NIL
4708	47.0	52.0	5.0	0.04	NIL
4709	52.0	57.0	5.0	<0.01	NIL
4710	57.0	62.0	5.0	0.05	NIL
4711	62.0	67.0	5.0	0.30	0.01
4712	67.0	72.0	5.0	0.07	NIL
4713	72.0	77.0	5.0	0.47	0.02
4714	77.0	82.0	5.0	0.19	NIL
4715	82.0	87.0	5.0	1.07	0.03
4716	87.0	92.0	5.0	3.13	0.10
4717	92.0	97.0	5.0	0.02	NIL
4718	97.0	102.0	5.0	0.03	NIL
4719	102.0	107.0	5.0	<0.01	NIL
4720	107.0	112.0	5.0	0.01	NIL
4721	112.0	117.0	5.0	0.17	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4722	117.0	122.0	5.0	0.32	0.01
4723	122.0	127.0	5.0	<0.01	NIL
4724	127.0	132.0	5.0	3.58	0.11
4725	132.0	137.0	5.0	0.45	0.01
4726	137.0	142.0	5.0	0.13	NIL
4727	142.0	147.0	5.0	0.55	0.02
4728	147.0	152.0	5.0	0.09	NIL
4729	152.0	157.0	5.0	1.34	0.04
4730	157.0	162.0	5.0	0.07	NIL
4731	162.0	167.0	5.0	4.33	0.14
4732	167.0	172.0	5.0	0.15	NIL
4733	172.0	177.0	5.0	<0.01	NIL
4734	177.0	182.0	5.0	0.02	NIL
4735	182.0	187.0	5.0	0.09	NIL
4736	187.0	192.0	5.0	0.05	NIL
4737	192.0	197.0	5.0	0.12	NIL
4738	197.0	202.0	5.0	0.20	NIL
4739	202.0	207.0	5.0	0.02	NIL
4740	207.0	209.5	2.5	0.11	NIL
4741	209.5	212.0	2.5	1.20	0.04
4742	212.0	214.5	2.5	1.99	0.06

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4743	214.5	217.0	2.5	0.15	NIL
4744	217.0	219.5	2.5	0.24	0.01
4745	219.5	222.0	2.5	0.13	NIL
4746	222.0	227.0	5.0	0.04	NIL
4747	227.0	232.0	5.0	0.16	NIL
4748	232.0	237.0	5.0	0.69	0.02
4749	237.0	242.0	5.0	0.05	NIL
4750	242.0	247.0	5.0	0.07	NIL
4751	247.0	249.5	2.5	0.04	NIL
4752	249.5	252.0	2.5	0.20	0.01
4753	252.0	254.5	2.5	19.20	0.60
4754	254.5	257.0	2.5	2.22	0.07
4755	257.0	260.0	2.5	0.16	0.01
4756	260.0	265.0	5.0	0.05	NIL
4757	265.0	267.0	2.0	14.83	0.46
4651	267.0	269.5	2.5	0.35	0.01
4652	269.5	272.0	2.5	1.25	0.04
4653	272.0	274.5	2.5	0.59	0.02
4654	274.5	277.0	2.5	0.09	NIL
4655	277.0	279.5	2.5	0.17	NIL
4656	279.5	282.0	2.5	<0.01	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4657	282.0	284.5	2.5	0.03	NIL
4658	284.5	287.0	2.5	<0.01	NIL
4659	287.0	289.5	2.5	0.01	NIL
4660	289.5	292.0	2.5	0.01	NIL
4661	292.0	294.5	2.5	<0.01	NIL
4662	294.5	297.0	2.5	<0.01	NIL
4663	297.0	299.5	2.5	<0.01	NIL
4664	299.5	302.0	2.5	<0.01	NIL
4665	302.0	304.5	2.5	0.06	NIL
4666	304.5	307.0	2.5	0.01	NIL
4667	307.0	309.5	2.5	0.02	NIL
4668	309.5	312.0	2.5	0.06	NIL
4669	312.0	314.5	2.5	1.58	0.05
4670	314.5	317.0	2.5	0.12	NIL
4671	317.0	319.5	2.5	0.08	NIL
4672	319.5	322.0	2.5	0.14	NIL
4673	322.0	324.5	2.5	0.14	NIL
4674	324.5	327.0	2.5	0.01	NIL
4675	327.0	329.5	2.5	0.05	NIL
4676	329.5	332.0	2.5	0.02	NIL
4677	332.0	333.0	1.0	5.17	0.17

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4678	333.0	336.0	3.0	0.19	0.01
4679	336.0	340.0	4.0	0.07	NIL
4680	340.0	345.0	5.0	0.01	NIL
4681	345.0	350.0	5.0	0.03	NIL
4682	350.0	355.0	5.0	0.14	NIL
4683	355.0	360.0	5.0	1.46	0.05
4684	360.0	365.0	5.0	1.63	0.05
4685	365.0	370.0	5.0	2.68	0.09
4686	370.0	375.0	5.0	0.58	0.02
4687	375.0	380.0	5.0	1.43	0.05
4688	380.0	385.0	5.0	0.08	NIL
4689	385.0	390.0	5.0	0.38	0.01
4690	390.0	395.0	5.0	0.15	NIL
4691	395.0	400.0	5.0	0.17	NIL
4692	400.0	405.0	5.0	0.18	NIL
4693	405.0	410.0	5.0	0.57	0.02
4694	410.0	413.0	3.0	0.20	0.01
4695	413.0	419.0	6.0	0.16	NIL
4696	419.0	421.0	2.0	0.05	NIL
4697	421.0	424.0	3.0	6.10	0.20
4698	424.0	429.0	5.0	0.10	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5105	197.0	199.5	2.5	0.15	NIL
5106	199.5	202.0	2.5	0.04	NIL
5107	202.0	204.5	2.5	0.03	NIL
5108	204.5	207.0	2.5	0.03	NIL
5109	207.0	209.5	2.5	0.15	NIL
5110	209.5	212.0	2.5	0.61	0.02
5111	212.0	214.5	2.5	0.69	0.02
5112	214.5	227.0	2.5	0.14	NIL
5113	227.0	229.5	2.5	1.08	0.03
5114	229.5	232.0	2.5	2.27	0.07
5115	232.0	234.5	2.5	0.63	0.02
5116	234.5	237.0	2.5	0.31	0.01
5117	237.0	239.5	2.5	0.08	NIL
5118	239.5	242.0	2.5	0.03	NIL
5119	242.0	244.5	2.5	0.02	NIL
5120	244.5	247.5	2.5	0.05	NIL
5121	247.0	249.5	2.5	0.04	NIL
5122	249.5	252.0	2.5	0.05	NIL
5123	257.0	260.0	2.5	0.07	NIL
5124	260.0	262.5	2.5	0.06	NIL
5125	262.5	265.0	2.5	0.04	NIL
5126	267.0	269.5	2.5	0.43	0.01

DIAMOND DRILL LOG

PROJECT:	Pickle Crov	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-86-16		
LOCATION:	1227.0 S/ 1304.0W	AZIMUTH:	146
DIP AT COLLAR:	-63 (27'/62, 200'/53', 300'/50, 500'/44, 600'/44	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Jan./86

LOGS

0 - 29.0	CASING
29.0 - 209.0	METASEDIMENTS?
	29.0 - 209.0 Pale grey-green metased? Weak 60 foliation
	N.B. @ 105.0 major fault & 109 - 110 also
209.0 - 253.0	DIORITE
	Sharp contact 45 CA, dk green, abundant pale leucoxene laths throughout, not mag.
253.0 - 300.0	METASEDIMENTS?
	Sharp contact 45 CA, grey-green, no leucoxene
300.0 - 436.0 I.F.	I.F.
	300.0 - 306.0 Dk, mag. < 1% Po,Py
	306.0 - 346.0 Pale, cherty, brec'd, 20 - 60 CA 1% Po,Py, 90 fault gauge @ 316.0
	346.0 - 411.0 Paler, more altered, 2 - 5% Po,Py, numerous blue qtz strings & threads (high angle), More fav. app.
	411.0 - 431.0 Abundant bk mag., well bedded 60 CA 1- 3% Po
	431.0 - 436.0 Very pale, intensely brec'd with 6" of chlorite near contact

436.0 - 452.7	METASEDIMENTS	
		Pale grey-green, 60 foliation not mag., unmin. innumerable calcite threads (conformable)
452.7 - 457.5	I.F.	
		50% Po,Py in blue silica groundmass, 60 CA very fav. app.
457.5 - 472.5	ANDESITE	
		Dk green, uniform, unmin., moderately mag., (with diss. grains of mag.)
472.5 - 558.0	METASEDIMENTS	
		Dk grey-green, sharp contact 60 CA, not mag., unmin.
		484.5 - 485.5 weak patchy ankerite with 1-2% Po,Py, Cpy, 60 CA
		489.5 - 490.5 6" section of brownish cherty I.F. with 1" of 80% Py 60 CA
		496.0 - 497.8 60 shearing, carbonatization
		497.8 - 498.5 Vein zone, strong 8" qtz tourmaline vein 50, 80 contacts abundant VG in 30 coarse flecks
		498.5 - 499.5 As 496.0 - 497.8
558 - 560.0	DIORITE	
		Sharp contacts 60 CA, Typical, unmin.
560 - 706.0	ANDESITE?	
		Grey-green, carbonated, not mag.
		600 - 601 qtz veining to 4" @ 60 CA 1% Py, fav. app.
		634.5 - 635.5 Zoisite/qtz veining 1% Py, 60 CA
		N.B. @ 658.5 1" of grey clay gauge in fault zone 90 CA
706.0	END OF HOLE	

HOLE NO. HC-86-16

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5127	300.0	301.0	1.0	0.03	NIL
5128	301.0	306.0	5.0	0.20	0.01
5129	306.0	311.0	5.0	0.15	NIL
5130	311.0	316.0	5.0	0.05	NIL
5131	316.0	321.0	5.0	0.02	NIL
5132	321.0	326.0	5.0	0.10	NIL
5133	326.0	331.0	5.0	0.10	NIL
5134	331.0	336.0	5.0	0.08	NIL
5135	336.0	341.0	5.0	0.16	NIL
5136	341.0	346.0	5.0	0.23	0.01
5137	346.0	351.0	5.0	0.02	NIL
5138	351.0	356.0	5.0	0.58	0.02
5139	356.0	361.0	5.0	0.16	NIL
5140	361.0	366.0	5.0	0.30	0.01
5141	366.0	371.0	5.0	0.06	NIL
5142	371.0	376.0	5.0	0.13	NIL
5143	376.0	381.0	5.0	0.06	NIL
5144	381.0	386.0	5.0	0.10	NIL
5145	386.0	391.0	5.0	0.09	NIL
5146	391.0	396.0	5.0	0.12	NIL
5147	396.0	401.0	5.0	0.24	0.01

HOLE NO. HC-86-16

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5148	401.0	406.0	5.0	0.65	0.02
5149	406.0	411.0	5.0	0.17	0.01
5150	411.0	416.0	5.0	0.78	0.02
5151	416.0	421.0	5.0	0.81	0.03
5152	421.0	426.0	5.0	0.98	0.03
5153	426.0	431.0	5.0	0.45	0.02
5154	431.0	436.0	5.0	0.15	NIL
5155	452.7	455.1	2.4	0.08	NIL
5156	455.1	457.5	2.4	0.04	NIL
5157	484.5	485.5	1.0	0.03	NIL
5158	489.5	490.5	1.0	<0.01	NIL
5159	496.0	497.8	1.8	0.16	NIL
5160	497.8	498.5	0.7	32.97	1.03
5161	498.5	499.5	1.0	0.02	NIL
5162	600.0	601.0	1.0	2.79	0.09
5163	634.5	635.5	1.0	0.76	0.02

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-86-17		
LOCATION:	219.0 N/ 85.0W	AZIMUTH:	165
DIP AT COLLAR:	-62 (100'/61, 200'/54)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Jan./86

LOGS

0 - 10	CASING
10 - 137.0	ANDESITE?
	Dk green, strongly sheared 40 CA, unmin., not mag.
137.0 - 267.0	DIORITE
	Severely sheared 45 CA to 223.0 then more massive
267.0 - 281.0	ARGILLITE
	Pale grey, intense shearing 45 CA
281.0	END OF HOLE

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-86-18		
LOCATION:	95 N/ 103 W	AZIMUTH:	170
DIP AT COLLAR:	-55 (32'/53, 100'/58°)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	

LOGS

0 - 22.0	CASING
22.0 - 125.0	DIORITE
	Typical moderately sheared 45 to CA
125.0 - 147.0	ARGILLITE
	Typical pale grey, well sheared 50 to CA
147.0	END OF HOLE AT STOPE

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-86-19		
LOCATION:	39.0 N/ 200.0W	AZIMUTH:	165
DIP AT COLLAR:	-58 (100'/61, 200'/61, 300'/52, 400'/48)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Jan./86

LOGS

0 - 7.0	CASING
7.0 - 24.0	KIMBERLITE DYKE
	Typical 20 CA
24.0 - 40.6	ANDESITE
40.6 - 74.0	KIMBERLITE DYKE
74.0 - 100.0	DIORITE
	Sheared 45 CA
100 - 111.2	KIMBERLITE DYKE
	Bk. with innumerable rounded white carb. frag. throughout, in biotite groundmass
111.2 - 113.2	QTZ VEIN
	#1 vein, strong, contacts 60 CA <1% fine Py, 9 coarse flecks of VG @ 112.9 Blebby scheelite in 1/4" seam @ 113.1 near considerable scheelite chunks to 1" long
113.2 - 188.5	DIORITE
	113.2 - 185.5 Dk green, intensely sheared 40 CA typical with innumerable dk green, lensy "clots" 2-3mm throughout. Not mag., very rare euhedral Py in isolated xtls.

188.5 - 428.0 I.F.

Contact 40 CA, very pale, buff cherty ,1% Po,Py brec'd, uniform with innumerable tiny blue qtz threads throughout, mostly high angles. Rare, red sphalerite in local lmm specks in the strings eg. @ 247'

291.0 - 293.0 Bk., abundant patchy mag.

428.0 - 449.0 ARGILLITE

Grey, 60 foliation, not mag., unmin.

428.0 - 429.0 one 5" qtz vein, 90, 60 contacts unmineralized but very strong & fav. app.

431.0 - 432.0 Ankerite, 60 CA, 1% Py

449.0 END OF HOLE

HOLE NO. HC-86-19

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
5051	111.2	113.2	2.0	0.6
5052	188.5	192.0	3.5	NIL
5053	192.0	197.0	5.0	0.04
5054	197.0	202.0	5.0	NIL
5055	202.0	207.0	5.0	NIL
5056	207.0	212.0	5.0	0.01
5057	212.0	217.0	5.0	NIL
5058	217.0	222.0	5.0	NIL
5059	222.0	227.0	5.0	NIL
5060	227.0	232.0	5.0	NIL
5061	232.0	237.0	5.0	NIL
5062	237.0	242.0	5.0	NIL
5063	242.0	247.0	5.0	NIL
5064	247.0	252.0	5.0	NIL
5065	252.0	257.0	5.0	NIL
5066	257.0	262.0	5.0	NIL
5067	262.0	267.0	5.0	NIL
5068	267.0	272.0	5.0	0.05
5069	272.0	277.0	5.0	tr.
5070	277.0	282.0	5.0	0.02
5071	282.0	287.0	5.0	tr.
5072	287.0	292.0	5.0	tr.

HOLE NO. HC-86-19

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
5073	292.0	297.0	5.0	0.01
5074	297.0	302.0	5.0	NIL
5075	302.0	307.0	5.0	0.01
5076	307.0	312.0	5.0	0.05
5077	312.0	317.0	5.0	NIL
5078	317.0	322.0	5.0	NIL
5079	322.0	327.0	5.0	tr.
5080	327.0	330.0	3.0	NIL
5081	330.0	334.0	4.0	NIL
5082	334.0	337.0	3.0	NIL
5083	337.0	342.0	5.0	NIL
5084	342.0	347.0	5.0	tr.
5085	347.0	352.0	5.0	NIL
5086	352.0	357.0	5.0	NIL
5087	357.0	362.0	5.0	tr.
5088	362.0	367.0	5.0	NIL
5089	367.0	372.0	5.0	NIL
5090	372.0	377.0	5.0	tr.
5091	377.0	382.0	5.0	NIL
5092	382.0	387.0	5.0	NIL
5093	387.0	392.0	5.0	NIL
5094	392.0	397.0	5.0	NIL
5095	397.0	402.0	5.0	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
5096	402.0	407.0	5.0	NIL
5097	407.0	412.0	5.0	NIL
5098	412.0	417.0	5.0	NIL
5099	417.0	422.0	5.0	tr.
5100	422.0	427.0	5.0	NIL
5101	427.0	428.0	1.0	tr.
5102	428.0	429.0	1.0	NIL
5103	429.0	431.0	2.0	tr.
5104	431.0	432.0	1.0	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-86-20		
LOCATION:	169.0 N/ 85.0E	AZIMUTH:	171
DIP AT COLLAR:	-57 (25'/59, 100'/59)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Jan./86

LOGS

0 - 6 CASING

6 - 34.0 DIORITE

Pale green with innumerable dk green clots throughout & abundant cream leucoxene laths, not mag., "looks" intrusive

34.0 - 45.0 DIORITE (?)

Sharp contact 25 CA dk green, fine grained, really sheared 50 CA, abundant white leucoxene laths throughout, not mag., unmin.

45.0 - 61.0 DIORITE

As 6.0 - 34.0 contact gradational

61.0 - 79.0 ARGILLITE

Contact 30 CA, very sharp, brownish grey argillitic metased, not mag., unmin.

79.0 - 121.0 I.F.

Contact broken 45 (?) CA

79.0 - 82.7 Pale cream, brec'd, local chlorite sections to 3" <1% Py,Po, 45 bedding

82.7 - 84.0 Bk-gp-rich, 1% Po, 45 bedding

84.0 - 121.0 Pale grey-green, cherty, 45 bedding locally brec'd, <1% Po,Py, unfav. app.

121 - 135.5 ARGILLITE

Pale grey, numerous carb. threads, 45 CA, unmin.

135.5 - 140.0 I.F.

Pale, buff, cherty, sheared 45 CA, 2-5% fine Po & blue qtz strings, fav. app.

140.0 - 145.0 METASEDIMENTS

Dk green, chlorite with lcoal patches of pale cherty I.F. 45 CA

145.0 - 334.5 I.F.

Pale, buff, cherty, brec'd, numerous blue qtz strings 1-5% Po, Aspy seen @ 151 - 153, 162 - 163 (character sliced sample) 177-178, 180-185.5 (!)

185.5 - 189.0 qtz vein (#1 vein) 30 CA local fine Py, patchy scheelite. As seen @ 190 also red sphalerite @ 191.3 & 196

N.B. 5 coarse flecks of VG seen in 1/4" high angle blue qtz string

207.0 - 210 15% Po,Py, highly brec'd

210 - 212.0 60% Py

212.0 - 214.5 3% Py,Po, Aspy

214.5 - 217.0 1% Py,Po

217.0 - 222.0 2-10% Po,Py & strings

222.0 - 227.0 50% Py,Po brec'd

227.0 - 232.0 3% Py,Po brec'd

232.0 - 234.5 1% Py,Po brec'd

234.5 - 237.0 3% Py,Po brec'd

237.0 - 239.0 20% patchy Po, 45 bedding

239.0 - 242.0 6" section of 70% Py, minor Po, 70 CA

242.0 - 257.0 Pale, 1% Po,Py, blue qtz strings, 45-60 bed.

257.0 - 262.0 3% Po as patchy masses locally

262.0 - 267.0 2% Po, also 12" of 80%

267.0 - 271.0 80% gp. contorted 3% Po

271.0 - 273.0 Intensely brec'd, 3% Po, strings

273.00 - 287.0 1% Po, strings

287.0 - 327.0 Darker, well bedded 45 CA, <1% Po

327.0 - 334.5 Pale, brec'd, contorted <1% Po

334.5 - 345.0 ARGILLITE

Pale grey brown, 45 CA, unmin., local patchy qtz

345.0 - 372.0 ANDESITE

Dk green, soft, not mag., unmin., carbonated to 352.0

372.0 END OF HOLE

HOLE NO. HC-86-20

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
4988	79.0	82.7	3.7	0.01	NIL
4989	82.7	84.0	1.3	0.02	NIL
4990	84.0	87.0	3.0	<0.01	NIL
4991	87.0	92.0	5.0	0.02	NIL
4992	92.0	97.0	5.0	<0.01	NIL
4993	97.0	102.0	5.0	0.13	NIL
4994	102.0	107.0	5.0	NIL	NIL
4995	107.0	112.0	5.0	<0.01	NIL
4996	112.0	117.0	5.0	<0.01	NIL
4997	117.0	122.0	5.0	0.02	NIL
4998	135.5	140.0	4.5	0.14	NIL
4999	140.0	145.0	5.0	0.08	NIL
5000	145.0	147.0	2.0	0.12	NIL
5001	147.0	152.0	5.0	1.41	0.04
5002	152.0	157.0	5.0	0.55	0.02
5003	157.0	162.0	5.0	7.46	0.23
5004	162.0	163.0	1.0	10.76	0.34
5005	163.0	167.0	4.0	2.12	0.07
5006	167.0	172.0	5.0	0.61	0.02
5007	172.0	177.0	5.0	1.90	0.06
5008	177.0	182.0	5.0	0.20	0.01

HOLE NO. HC-86-20

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5009	182.0	185.5	3.5	0.83	0.03
5010	185.5	189.0	3.5	0.21	0.01
5011	189.0	191.0	2.0	4.21	0.13
5012	191.0	192.0	1.0	0.44	0.01
5013	192.0	197.0	5.0	2.27	0.07
5014	197.0	198.0	1.0	2.47	0.08
5015	198.0	202.0	4.0	0.43	0.01
5016	202.0	207.0	5.0	0.10	NIL
5017	207.0	210.0	3.0	0.14	NIL
5018	210.0	212.0	2.0	7.60	0.02
5019	212.0	214.5	2.5	7.31	0.23
5020	214.5	217.0	2.5	0.06	NIL
5021	217.0	219.5	2.5	0.96	0.03
5022	219.5	222.0	2.5	2.99	0.09
5023	222.0	224.5	2.5	0.90	9.03
5024	224.5	227.0	2.5	1.10	0.03
5025	227.0	229.5	2.5	0.30	0.01
5026	229.5	232.0	2.5	0.10	NIL
5027	232.0	234.5	2.5	0.01	NIL
5028	234.5	237.0	2.5	0.04	NIL
5029	237.0	239.0	2.5	0.04	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5030	239.0	242.0	2.5	0.06	NIL
5031	242.0	247.0	2.5	1.39	0.04
5032	247.0	252.0	2.5	0.03	NIL
5033	252.0	257.0	2.5	0.08	NIL
5034	257.0	262.0	2.5	0.01	NIL
5035	262.0	267.0	5.0	0.01	NIL
5536	267.0	271.0	4.0	0.02	NIL
5037	271.0	273.0	3.0	<0.01	NIL
5038	273.0	277.0	4.0	0.02	NIL
5039	277.0	282.0	5.0	0.02	NIL
5040	282.0	287.0	5.0	<0.01	NIL
5041	287.0	292.0	5.0	<0.01	NIL
5042	292.0	297.0	5.0	<0.01	NIL
5043	297.0	302.0	5.0	0.14	NIL
5044	302.0	307.0	5.0	0.01	NIL
5045	307.0	312.0	5.0	<0.01	NIL
5046	312.0	317.0	5.0	<0.01	NIL
5047	317.0	322.0	5.0	0.05	NIL
5048	322.0	327.0	5.0	0.02	NIL
5049	327.0	332.0	5.0	0.32	0.01
5050	332.0	334.5	2.5	<0.01	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-86-21		
LOCATION:	156.0 S/ 112E	AZIMUTH:	350
DIP AT COLLAR:	-48 (100'/50, 300'/31 342'/29°)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Jan./86

LOGS

0 - 44	CASING
44- 96.0	I.F.
	44.0 - 56.0 Pale, buff, brec'd, 1% Po,Py
	36.0 - 61.0 Abundant mag., bedding contorted 1% Po
	61.0 - 66.0 Pale as 44.0 - 56.0 local concentrations of Aspy & Po, very fav. app.
	N.B. 66 - 96.0 abundant mag., bedding 5 - 50 CA @ 82.0 local Aspy
96.0 - 107.0	KIMBERLITE DYKE
	Typical except @ 99.0 where a 3" granite cobble noted
107.0 - 339.3	I.F.
	107.0 - 152.0 Dk, well bedded 40 CA, 1% Po, no qtz strings unfav. app. strongly mag.
	152.0 - 212.0 Less mag., still well bedded 30 - 40 CA paler, more fav. app. 1% Po
	N.B. @ 153.0, 182, 202 local needles of Aspy
	212.0 - 257.0 Scattered blue qtz strings, consid. local Aspy, very fav. app.
	257.0 - 282.0 Scattered blue qtz strings, 1% Po,Py no Aspy & abundant mag. 276.0 - 280

282.0 - 292.0 As 212.0 - 257 with local (weaker) concentrations of Aspy bedding 40 CA
292.0 - 339.0 As 212.0 - 257.0 but no Aspy seen, 1% Po,Py & scattered blue qtz strings (less fav. app.)

339.3 - 341.0 ANDESITE?

Dk green massive, soft

341.0 - 342.0 MAFIC DYKE

Dk grey, sericite, strongly sheared 40 CA with abundant white leucoxene laths

342.0 - 342.5 ANDESITE?

Dk green, tr. Py as 339.3 - 341.0 (all contacts broken)

342.5 END OF HOLE

HOLE NO. HC-86-21

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
5164	44.0	49.0	5.0	NIL
5165	49.0	54.0	5.0	NIL
5166	54.0	56.0	2.0	NIL
5167	56.0	61.0	5.0	NIL
5168	61.0	66.0	5.0	NIL
5169	66.0	71.0	5.0	0.02
5170	71.0	76.0	5.0	NIL
5171	76.0	81.0	5.0	NIL
5172	81.0	86.0	5.0	NIL
5173	86.0	91.0	5.0	NIL
5174	91.0	96.0	5.0	NIL
5175	107.0	112.0	5.0	NIL
5176	112.0	117.0	5.0	NIL
5177	117.0	122.0	5.0	NIL
5178	122.0	127.0	5.0	NIL
5179	127.0	132.0	5.0	NIL
5180	132.0	137.0	5.0	NIL
5181	137.0	142.0	5.0	0.02
5182	142.0	147.0	5.0	0.05
5183	147.0	152.0	5.0	NIL
5184	152.0	157.0	5.0	NIL
5185	157.0	162.0	5.0	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
5186	162.0	167.0	5.0	NIL
5187	167.0	172.0	5.0	0.29
5188	172.0	177.0	5.0	0.05
5189	177.0	182.0	5.0	0.08
5190	182.0	187.0	5.0	NIL
5191	187.0	192.0	5.0	0.09
5192	192.0	197.0	5.0	NIL
5193	197.0	202.0	5.0	NIL
5194	202.0	207.0	5.0	0.10
5195	207.0	212.0	5.0	NIL
5196	212.0	217.0	5.0	NIL
5197	217.0	222.0	5.0	0.04
5198	222.0	227.0	5.0	0.02
5199	227.0	232.0	5.0	0.03
5200	232.0	237.0	5.0	NIL
5201	237.0	242.0	5.0	NIL
5202	242.0	247.0	5.0	NIL
5203	247.0	252.0	5.0	0.03
5204	252.0	257.0	5.0	0.01
5205	257.0	262.0	5.0	NIL
5206	262.0	267.0	5.0	0.03
5207	267.0	272.0	5.0	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
5208	272.0	277.0	5.0	NIL
5209	277.0	282.0	5.0	NIL
5210	282.0	287.0	5.0	0.10
5211	287.0	292.0	5.0	0.06
5212	292.0	297.0	5.0	NIL
5213	297.0	302.0	5.0	NIL
5214	302.0	307.0	5.0	0.03
5215	307.0	312.0	5.0	NIL
5216	312.0	317.0	5.0	NIL
5217	317.0	322.0	5.0	NIL
5218	322.0	327.0	5.0	NIL
5219	327.0	332.0	5.0	0.02
5220	332.0	337.0	5.0	NIL
5221	337.0	339.3	2.3	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-86-22		
LOCATION:	1116.0 S/ 1138.0W	AZIMUTH:	146
DIP AT COLLAR:	-63 (26'/63, 100'/57, 200'/52, 300'/52, 400'/48, 500'/44, 600'/43, 700'/43)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Jan./86

LOGS

0 - 16 CASING

16.0 - 231.0 ANDESITE

Dk green, soft, not mag. weak 45 foliation, unmin. local carb. strings

116.0 - 131.0 numerous limonitic fault seams

231.0 - 379.0 I.F.

231.0 - 248.0 Pale, brec'd, highly contorted, not mag., 1% Po scattered qtz strings

248.0 - 291.0 Abundant mag., 5-20% Po, local 50 bedding, sparse qtz strings

291.0 - 306.0 Pale, buff, brec'd, scattered blue qtz strings, 10-25% Po in bands to 2", 50 CA. Local minor Cpy, fav. app.

306.0 - 366.0 Pale, as 291.0 - 306.0 but only 1% Po 50 CA bedding

366.0 - 379.0 Abundant mag., bed 45 CA, 3% Po scattered qtz strings

379.0 - 421.0	ANDESITE	
		Dk green-grey, 45 foliation, not mag., unmin.
422.0 - 429.0	I.F.	
		70% Py, 3% Po with blue & white qtz veining & silica 50 CA. Most interesting & very fav. app.
		N.B. 12" of adjacent andesite is also mineralized with 3% Py
429.0 - 671.0	ANDESITE	
		Dk green
		N.B. 502.0 - 504.0 15% diss. mag.
		504.0 - 506.0 60% qtz carb. in 70 shearing with 1% fine Py, unfav. app.
		506.0 - 509.5 Intense shearing 70 CA, chloritic
		509.5 - 510.5 6" qtz vein 80 CA, sericitc & extremely fav. app.
		@ 520, 524, 525 local weak Py diss.
		583.0 - 584.0 8" strong qtz vein 70 CA, 1% euhedral Py
		657.7 - 658.7 6" strong qtz vein 70 CA, 1% euhedral Py
		665.5 - 666.5 9" strong qtz vein, 1% Py
671.0 - 674.0	"DIORITE" DYKE	
		Dk grey, soft 80 CA, not mag. with innumerable tiny white leucoxene (?) laths
674.0 - 706.0	ANDESITE	
		Typical
		674.0 - 675.0 1% euhedral Py in chlorite groundmass
706.0	END OF HOLE	

HOLE NO. HC-86-22

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5241	231.0	236.0	5.0	0.05	NIL
5242	236.0	241.0	5.0	0.03	NIL
5243	241.0	246.0	5.0	<0.01	NIL
5244	246.0	251.0	5.0	0.94	0.03
5245	251.0	256.0	5.0	1.31	0.04
5246	256.0	261.0	5.0	2.02	0.06
5247	261.0	266.0	5.0	2.10	0.07
5248	266.0	271.0	5.0	6.74	0.21
5249	271.0	276.0	5.0	2.98	0.09
5250	276.0	281.0	5.0	1.61	0.05
5251	281.0	286.0	5.0	1.72	0.05
5252	286.0	291.0	5.0	0.64	0.02
5253	291.0	296.0	5.0	0.20	0.01
5254	296.0	301.0	5.0	0.05	NIL
5255	301.0	306.0	5.0	0.03	NIL
5256	306.0	311.0	5.0	0.31	0.01
5257	311.0	316.0	5.0	0.06	NIL
5258	316.0	321.0	5.0	0.12	NIL
5259	321.0	326.0	5.0	0.56	0.02
5260	326.0	331.0	5.0	0.05	NIL
5261	331.0	336.0	5.0	0.07	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5262	336.0	341.0	5.0	0.04	NIL
5263	341.0	346.0	5.0	0.06	NIL
5264	346.0	351.0	5.0	0.38	0.01
5265	351.0	356.0	5.0	0.20	0.01
5266	356.0	361.0	5.0	0.11	NIL
5267	361.0	366.0	5.0	0.03	NIL
5268	366.0	371.0	5.0	0.15	NIL
5269	371.0	376.0	5.0	0.59	0.02
5270	376.0	379.0	3.0	0.08	NIL
5271	421.0	422.0	1.0	0.01	NIL
5272	422.0	425.5	3.5	0.17	NIL
5273	425.5	429.0	3.5	0.21	0.01
5274	429.0	430.0	1.0	<0.01	NIL
5275	502.0	504.0	2.0	0.07	NIL
5276	504.0	506.0	2.0	0.04	NIL
5277	506.0	509.5	3.5	0.58	0.02
5278	509.5	510.5	1.0	5.41	0.17
5279	510.5	511.5	1.0	0.04	NIL
5280	583.0	584.0	1.0	0.11	NIL
5281	657.7	658.7	1.0	2.03	0.06
5282	665.5	666.5	1.0	0.23	0.01
5283	674.0	675.0	1.0	0.04	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-86-23		
LOCATION:	100.0 S/ 214.0E	AZIMUTH:	351
DIP AT COLLAR:	-52 (100'/51, 249'/37)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Jan./86

LOGS

0 - 26.0	CASING
26.0 - 192.0	ANDESITE

Massive to 36.5, then strongly sheared 40 CA to 47.0 unmin., not mag. Rest is mas. with indications of pillow rims Highly carbonatized

192.0 - 243.5 I.F.

@ 192.0 Pale, cherty, 1% Po, local 50 bedding

215 - 215.5 70% Po, 50 CA

217.5 - 218.5 70% Py, 40 CA

222.0 - 224.5 10% Po

224.5 - 227.0 20% Po,Py

227.0 - 229.5 25% Po,Py, 30-60 CA

229.5 - 232.0 3% Po

232.0 - 234.5 1% Po,Py

234.5 - 237.0 60% Py,Po, very fav. app.

237.0 - 239.5 20% Py,Po, very fav. app.

239.5 - 242.0 30% Py,Po, local sphalerite, minor Aspy

242.0 - 243.5 Abundant (+/- 10%) Aspy & 2% Po

243.5 - 249.0 ANDESITE?

Pale grey-green, local Py & Aspy in 3" altered section @ 247.5

243.5 - 244.2 qtz vein (#1) 45, 60 CA tr. Po,Py

N.B. Broke into stope @ 249.0

247.0 - 249.0 only 1 foot core recovered includes a frag. of Kimberlite

249.0 FT. END OF HOLE

HOLE NO. HC-86-23

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY OZ.
5222	192.0	197.0	5.0	NIL
5223	197.0	202.0	5.0	NIL
5224	202.0	207.0	5.0	NIL
5225	207.0	212.0	5.0	NIL
5226	212.0	217.0	5.0	NIL
5227	217.0	219.5	5.0	0.01
5228	219.5	222.0	5.0	NIL
5229	222.0	224.5	2.5	NIL
5230	224.5	227.0	2.5	0.02
5231	227.0	229.5	2.5	0.01
5232	229.5	232.0	2.5	NIL
5233	232.0	234.5	2.5	NIL
5234	234.5	237.0	2.5	0.02
5235	237.0	239.5	2.5	NIL
5236	239.5	242.0	2.5	0.02
5237	242.0	243.5	1.5	0.18
5238	243.5	244.2	0.7	0.17
5239	244.2	246.5	1.0	0.01
5240	246.5	249.0	2.5	0.02

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-86-24		
LOCATION:	353.0S/ 1649.0W	AZIMUTH:	133
DIP AT COLLAR:	-85 (100'/61, 200'/53, 300'/48, 400'/45, 500'/41, 600'/38, 800'/37, 900'/34, 1110'/33, 1200'/31, 1400'/30)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Jan./86

LOGS

0 - 42.0	CASING	
42.0 - 69.0	METASEDIMENTS	
		Grey - green, 30 foliation, not mag., unmin.
69.0 - 78.0	I.F.	
		69.0 - 78.0 Dk grey, consid. mag., highly contorted 1% Po,Py
78.0 - 235.0	METASEDIMENTS	
		As 42.0 - 69.0
		226.0 - 230.0 intensely sheared, 50 CA
235.0 - 242.0	I.F.	
		235.0 - 242.0 Pale, brec'd, cherty, local Py, no Po seen
242.9 - 246.0	ARGILLITE	
		60 foliation, grey, unmin.
246.0 - 298.5	I.F.	
		235.0 - 242.0, no Po seen, 1-3% Py (very fav.)
		262.0 - 263.0 qtz vein 60 to CA, minor Py
		263.0 - 264.0 includes 2" qtz string., 45 CA 3% Py, very fav. app.

279.0 - 284.0 3" qtz string 90 CA, 20% Py

284.0 - 285.5 6% qtz vein 30 CA, 1" qtz string, 50% Py

298.5 - 301.0 MAFIC DYKE

Dk green, abundant hornblende, 70 CA, not mag., unmin.

301.0 - 307.3 I.F.

As 235.0 - 242.0

301.0 - 306.0 3 X 3" strings, 5% Py (fav. app.)

306.0 - 307.3 12" of massive Py

307.3 - 326.8 TUFF

Pale grey, 60 foliation, local Py concentrations to 319., up to 20% (see char. sample)

326.8 - 332.5 I.F.

326.8 - 332.5 Contorted with 9" qtz vein, 1% patchy Py. Rest is weakly chloritic with 1% Py

332.5 - 367.0 TUFF

332.5 - 343.0 unmin., grey

343.0 - 367.0 2% Py diss. (see char..sample)

N.B. 363.7 - 364.6 qtz calcite vein 60 CA, tr. Py

367.0 - 412.0 I.F.

367.0 - 371.0 10% Py & 12" of mas. chlorite

371.0 - 376.0 20% Py, highly brec'd & siliceous I.F.

376.0 - 406.0 10% Py, highly brec'd & siliceous I.F.

406.0 - 408.0 15% Py, highly brec'd & siliceous I.F.

408.0 - 412.0 90% Py, rest is brec'd blue silica.

412.0 - 501.0 ARGILLITE

Brownish grey, 50 foliation, unmin.,

N.B. 486.0 - 501.0 extremely contorted 0 - 90

501.0 - 504.0 I.F.

Highly brec'd, blue to cream chert with up to 25% Py (no Po seen)

504.0 - 511.0 ARGILLITE

Grey, tuffaceous, 70 foliation, unmin.

511.0 - 526.0 I.F.

511.0 - 516.0 Pale, cherty, highly brec'd with appearance of Po of Po & gp. (9" in this section) 15% Po, 2% Py

516.0 - 519.0 Extremely siliceous, pale, "vein like" chert, with 1% red sphalerite throughout in hairline streaks & seams. 10% Po, tr. Py & Cpy

519.0 - 520.0 Highly chloritic & graphitic, 15% Po,Py

520.0 - 521.7 as 516.0 - 519.0 but 1/2% red sphalerite (local)

521.7 - 523.5 Brec'd, siliceous, 10% Po no Py seen

523.5 - 526.0 Increasingly graphitic, 5% Po

526.0 - 531.0 Graphitic schist, 10% Po,Py, 70 CA bed. (char. sample)

531.0 - 538.5 Graphitic schist, 3% Po,Py

538.5 - 539.0 Weakly graphitic schist, 40% euhedral Py

539.0 - 563.0 Weakly graphitic schist, < 1% Po

563.0 - 564.0 Highly graphitic, 1% Po, 80 CA fault seen

564.0 - 568.0 Weakly graphitic schist, tr. Po

568.0 - 569.0 Highly graphitic schist, 2% Po, tr. Py

569.0 - 573.0 Weakly graphitic schist, tr. Po

573.0 - 583.0 Highly graphitic schist, 2% Po,Py, 70 bed.

583.0 - 732.0 ARGILLITE

583.0 - 703.0 Grey, soft, locally buff, 70 foliation rare tr. Po,Py

658.0 - 659.0 15% Po in 70 banding

703.0 - 732.0 Well bedded 70 CA tuffaceous buff-dk, unmin.

732.0 - 837.0 ANDESITE

Contact indistinct, dk green, mas., indication of pillow margins locally. Not mag., unmin.

837.0 - 851.0 FELDSPAR PORPHYRY

Grey-green to pink, hematized, rae tr. fine euhedral Py, not mag., mass. contacts sharp & tight, high angle, irregular. Innumerable 2-5 mm tabular grey to pink feld. Porphyritic with some development of sericite (Char. sample for Au assay includes 1" high angle white qtz string - unmin.)

851.0 - 873.0 ANDESITE

851.0 - 873.0 Dk green, mas., not mag. rare-tr. Py

873.0 - 884.0 DIORITE

873.0 - 884.0 Green with char. innumerable darker green 1mm clots throughout, 70 foliation & local weak concentrations of fine euhedral Py to 1% over 2.0 ft. Contacts abrupt but indistinct

884.0 - 1027.0 METASEDIMENTS?

Pale grey-green, 70 foliation 908.0 - 912.0 "Pseudo I.F.", 70 CA bedding, white qtz to 6" mag., local Po,Pyl Cpy & sphal. (tiny red dots & streaks)

918.5 - 920.0 as 908.0 - 912.0 minor Po,Py, Cpy, ZnS

971.5 - 972.5 6" qtz carb. veinlet (unfav.)

1027.0 - 1061.0 DIORITE

Typical, abundant fn. leucoxene, not mag., weak thread 70 foliation, unmin., contact sharp 70 CA at calcite

1061.0 - 1139.0 ANDESITE

Contact area vague, dk green, mas. no leucoxene, not mag.

1139.0 - 1141.0 DIORITE DYKE

Sharp 80 contact, not mag., unmin.

1141.0 - 1287.0 ANDESITE

Dk green, featureless

1144.0 - 1145.0 fault brec'd, calcite healed with 1% Po,Py, 80 CA

1183.0 - 1287.0 Strongly sheared 80 CA, with 4" calcite at 1183.5

1287.0 - 1365.0 I.F.

1287.0 - 1292.0 Pale, buff, cherty, brec'd, 2% Po

1292.0 - 1296.0 Dk, abundant mag., 50 CA bedding, 1% Po

1296.0 - 1301.0 As 1292.0 - 1296.0, 40% banded @ 50 CA

1301.0 - 1311.0 As 1292.0 - 1296.0

1311.0 - 1348.0 Pale, cherty, buff, brec'd, 1% Po, blue qtz strings. (very fav. app.)

1348.0 - 1365.0 Dk, abundant mag., in 70 CA banding, 1% Po (unfav. app.)

1365.0 - 1414.0 METASEDIMENTS

Grey-green, carbonatized, 70 schistosity, local weak patchy carbonate & minor Po

1378.0 - 1380.0 12" of 60% Py & 3" of 60% Po. Rest is 3% Po diss. in brownish brec'd tuffaceous metaseds., with 70 blue qtz strings to 1" with tr. red sphalerite. Very fav. app.

1401.0 - 1402.0 12" of pseudo "I.F." with 20% Po in 70 bands, rest is white chert & chlorite (unfav. app.)

1414.0 - 1426.0 DIORITE

Fn grained, abundant leucoxene, 70 shearing, 2nd contact obscure

1426.0 - 1461.0 ANDESITE

Dk green, no leucoxene, not. mag., carbonatized @ 1461.0 broke into # 5 vein stope, no vein or alt.

N.B. This hole flattened dramatically & passed high above the 1500 level I.F. target

1461.0 END OF HOLE

HOLE NO. HC-86-24

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5360	69.0	71.0	2.0	<0.01	NIL
5361	71.0	76.0	5.0	<0.01	NIL
5362	76.0	78.0	2.0	<0.01	NIL
5363	235.0	237.5	2.5	<0.01	NIL
5364	237.5	241.0	3.5	<0.01	NIL
5365	246.0	251.0	5.0	<0.01	NIL
5366	251.0	253.5	2.5	<0.01	NIL
5367	253.5	257.0	2.5	<0.01	NIL
5368	257.0	259.5	2.5	<0.01	NIL
5369	259.5	262.0	2.5	<0.01	NIL
5370	262.0	263.0	1.0	<0.01	NIL
5371	263.0	264.0	1.0	<0.01	NIL
5372	264.0	269.0	5.0	<0.01	NIL
5373	269.0	274.0	5.0	0.01	NIL
5374	274.0	279.0	5.0	<0.01	NIL
5375	279.0	284.0	5.0	<0.01	NIL
5376	284.0	285.5	1.5	0.02	NIL
5377	285.5	289.0	3.5	0.01	NIL
5378	289.0	291.5	2.5	<0.01	NIL
5379	291.5	296.0	4.5	<0.01	NIL
5380	296.0	298.5	2.5	<0.01	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5381	301.0	306.0	5.0	<0.01	NIL
5382	306.0	307.3	1.3	<0.01	NIL
5383	316.0	317.0	1.0	0.01	NIL
5384	326.8	330.0	3.2	<0.01	NIL
5385	330.0	332.5	2.5	<0.01	NIL
5386	343.0	345.0	2.0	<0.01	NIL
5387	363.7	364.6	0.9	<0.01	NIL
5388	367.0	371.0	5.0	<0.01	NIL
5389	371.0	376.0	5.0	<0.01	NIL
5390	376.0	381.0	5.0	<0.01	NIL
5391	381.0	386.0	5.0	<0.01	NIL
5392	386.0	391.0	5.0	<0.01	NIL
5393	391.0	396.0	5.0	<0.01	NIL
5394	396.0	401.0	5.0	0.02	NIL
5395	401.0	406.0	5.0	<0.01	NIL
5396	406.0	408.0	2.0	0.09	NIL
5397	408.0	412.0	4.0	0.08	NIL
5398	501.0	504.0	3.0	<0.01	NIL
5399	511.0	516.0	5.0	<0.01	NIL
5400	516.0	519.0	3.0	<0.01	NIL
5401	519.0	520.0	1.0	0.03	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5402	520.0	521.7	1.7	<0.01	NIL
5403	521.7	523.5	1.8	<0.01	NIL
5404	523.5	526.0	2.5	<0.01	NIL
5405	526.0	531.0	5.0	0.02	NIL
5406	538.5	539.0	0.5	0.01	NIL
5407	658.0	659.0	1.0	0.25	NIL
5408	839.5	840.5	1.0	<0.01	NIL
5409	908.0	912.0	4.0	0.32	NIL
5410	918.5	920.0	1.5	<0.01	NIL
5411	971.5	972.5	1.0	<0.01	NIL
5412	1144.0	1145.0	1.0	<0.01	NIL
5413	1287.0	1292.0	5.0	0.24	0.01
5414	1292.0	1296.0	4.0	1.74	0.05
5415	1296.0	1301.0	5.0	6.33	0.20
5416	1301.0	1306.0	5.0	0.80	0.03
5417	1306.0	1311.0	5.0	0.21	0.01
5418	1311.0	1316.0	5.0	0.16	0.01
5419	1316.0	1321.0	5.0	0.02	NIL
5420	1321.0	1326.0	5.0	0.49	0.02
5421	1326.0	1331.0	5.0	1.86	0.06
5422	1331.0	1336.0	5.0	0.18	0.01

HOLE NO. HC-86-24

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5423	1336.0	1341.0	5.0	0.05	NIL
5424	1341.0	1346.0	5.0	0.20	0.01
5425	1346.0	1351.0	5.0	0.15	tr.
5426	1351.0	1356.0	5.0	0.94	0.03
5427	1356.0	1361.0	5.0	1.13	0.04
5428	1361.0	1365.0	4.0	0.04	NIL
5429	1378.0	1380.0	2.0	0.07	NIL
5430	1401.0	1402.0	1.0	0.05	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-86-25		
LOCATION:	270 S/ 2215 W	AZIMUTH:	145
DIP AT COLLAR:	85 (200'/85, 400'/78, 600'/63, 800'/57, 1000'/49	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Jan./86

LOGS

0 - 10.0	CASING	
10.0 - 167.0	ANDESITE	
		Dk green, massive, not mag. featureless, 30 - 32 local isolated euhedral Py to 1/4"
167.0 - 202.0	DIORITE	
		Typical, abund. leucoxene, unmin, not mag.
202.0 - 237.0	ANDESITE	
		Dk green, 30 CA shearing, unmin.
237.0 - 239.5	LAMPROPHYRE DYKE	
		Dk grey, innumerable 2-4 mm whtie carb. frags. both contacts broken, unmin. not mag.
239.5 - 319.0	ANDESITE	
		Grey-green, massive, featureless, soft, unmin., not mag. Patchy ankerite at 290-297, unmin.
		Brownish, weakly tuffaceous at 307
		319.0 - 326.0 sections to 12" of 40 CA bedded, pale, cherty I.F. barren app.

319.0 - 457.0	DIORITE	
		Typical, abund leucoxene, massive, not mag., unmin.
457.0 - 496.0	ANDESITE	
		Typical
496.0 - 622.0	DIORITE	
		Typical, but strongly sheared 30 CA, abund. leucoxene 501.5 - 503 15" qtz vein, consid. mariposite in walls (true width of vein 7") very fav. app. with local sericite in the vein, 30 CA
622.0 - 647.0	METASEDIMENT	
		Dk to pale grey, massive
		629.0 - 639.0, numerous ankerite strings in 45 CA shearing, unmin.
647.0 - 679.0	DIORITE	
		Typical, abund. fine leucoxene becoming weakly sheared, 670 - 679
679.0 - 1033.0	I.F.	
		679.0 - 757.0 Pale, brec'd, 1% Po, local strings, 40 CA bedding
		686.0 - 686.5 Sheared, blebby qtz, local Po
		686.5 - 689.0 Abund. mag., 40 CA
		757.0 - 777.0 Consid. banded mag., 1% Po, rare strings. (40 CA bedding)
		717.0 - 719.5 30% Po, blue silica, contorted
1033.0 - 1093.0	ANDESITE	
		Contact 50 CA, dk green, carbonatized
1093.0 - 1138.0	DIORITE	
		1093.0 - 1107.0 Intensely sheared 60 CA, abund. leucoxene
		1107.0 - 1125.0 Intensely sheared 25 CA, abund. leucoxene
		1125.0 - 1138.0 mas., not mag., abund. leucoxene.
1138.0	END OF HOLE	

HOLE NO. HC-86-25

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5284	679.0	682.0	3.0	<0.01	NIL
5285	682.0	687.0	5.0	0.31	0.01
5286	687.0	692.0	5.0	0.26	0.01
5287	692.0	697.0	5.0	0.16	NIL
5288	697.0	702.0	5.0	<0.01	NIL
5289	702.0	707.0	5.0	0.38	0.01
5290	707.0	712.0	5.0	0.02	NIL
5291	712.0	717.0	5.0	0.06	NIL
5292	717.0	719.0	2.5	0.50	0.02
5293	719.5	722.0	2.5	0.08	NIL
5294	722.0	727.0	5.0	0.02	NIL
5295	727.0	732.0	5.0	0.10	NIL
5296	732.0	737.0	5.0	0.06	NIL
5297	737.0	742.0	5.0	0.04	NIL
5298	742.0	747.0	5.0	0.24	0.01
5299	747.0	752.0	5.0	0.20	0.01
5300	752.0	757.0	5.0	0.62	0.02
5301	757.0	762.0	5.0	0.29	0.01
5302	762.0	767.0	5.0	0.04	NIL
5303	767.0	772.0	5.0	0.04	NIL
5304	772.0	777.0	5.0	0.03	NIL

HOLE NO. HC-86-25

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5305	777.0	782.0	5.0	0.23	0.01
5306	782.0	787.0	5.0	0.17	NIL
5307	787.0	792.0	5.0	0.01	NIL
5308	792.0	797.0	5.0	1.37	0.04
5309	797.0	802.0	5.0	1.73	0.05
5310	802.0	807.0	5.0	21.25	0.66
5311	807.0	812.0	5.0	2.85	0.09
5312	812.0	817.0	5.0	0.06	NIL
5313	817.0	822.0	5.0	0.19	0.01
5314	822.0	827.0	5.0	0.02	NIL
5315	827.0	832.0	5.0	0.01	NIL
5316	832.0	837.0	5.0	0.04	NIL
5317	837.0	842.0	5.0	0.03	NIL
5318	842.0	847.0	5.0	0.20	0.01
5319	847.0	852.0	5.0	0.46	0.01
5320	852.0	857.0	5.0	0.25	0.01
5321	857.0	862.0	5.0	0.14	NIL
5322	862.0	867.0	5.0	0.05	NIL
5323	867.0	872.0	5.0	0.28	0.01
5324	872.0	877.0	5.0	0.14	NIL
5325	877.0	882.0	5.0	0.01	NIL

HOLE NO. HC-86-25

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5326	882.0	887.0	5.0	0.03	NIL
5327	887.0	892.0	5.0	0.14	NIL
5328	892.0	897.0	5.0	0.51	0.02
5329	897.0	902.0	5.0	0.06	NIL
5330	902.0	907.0	5.0	0.55	0.02
5331	907.0	912.0	5.0	0.17	NIL
5332	912.0	917.0	5.0	0.02	NIL
5333	917.0	922.0	5.0	0.02	NIL
5334	922.0	927.0	5.0	0.02	NIL
5335	927.0	930.0	3.7	1.65	0.05
5336	930.7	931.9	1.2	1.07	0.03
5337	931.9	937.0	5.1	0.16	NIL
5338	937.0	942.0	5.0	0.59	0.02
5339	942.0	947.0	5.0	0.06	NIL
5340	947.0	952.0	5.0	0.09	NIL
5341	952.0	957.0	5.0	0.72	0.02
5342	957.0	962.0	5.0	0.06	NIL
5343	962.0	967.0	5.0	0.05	NIL
5344	967.0	972.0	5.0	0.67	0.02
5345	972.0	977.0	5.0	0.49	0.01
5346	977.0	982.0	5.0	0.91	0.03

HOLE NO. HC-86-25

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5347	982.0	987.0	5.0	0.07	NIL
5348	987.0	992.0	5.0	1.14	0.04
5349	992.0	997.0	5.0	0.04	NIL
5350	997.0	1002.0	5.0	0.06	NIL
5351	1002.0	1007.0	5.0	<0.01	NIL
5352	1007.0	1012.0	5.0	0.03	NIL
5353	1012.0	1017.0	5.0	0.08	NIL
5354	1017.0	1020.0	3.0	<0.01	NIL
5355	1020.0	1022.5	2.5	0.10	NIL
5356	1022.5	1025.0	2.5	0.29	0.01
5357	1025.0	1027.5	2.5	0.24	0.01
5358	1027.5	1030.0	2.5	0.26	0.01
5359	1030.0	1033.0	3.0	0.09	NIL

DIAMOND DRILL LOG

PROJECT:	Pickle Crow	COST CODE:	1422
COMPANY:	H.H.C.		
HOLE NO.:	HC-86-26		
LOCATION:	200 S/ 115 W	AZIMUTH:	360
DIP AT COLLAR:	55 (376'/51)	LOGGED BY:	B. GRAHAM
DRILLED BY:	LONGYEAR	DATE:	Jan./86

LOGS

0 - 8.0	CASING	
8.0 - 260.5	I.F.	
		8.0 - 65.0 Pale, cherty, 1% Po,Py, 20-30 CA, core very wedgy & broken up, numerous limonitic seams 20-30 CA Occasional mag. - rich sections to 12" unfav. app.
		65.0 - 76.0 Argillitic 1% Po
		76.0 - 88.0 As 8 - 65, 30 - 0°CA
		N.B. at 88 strong open limonitic fault 20 CA
		88.0 - 103.0 Pale, very hard, numerous blue qtz strings and consid. Aspy (needless & tabular) with 1% Po & local Py very fav. app. contorted
		103.0 - 260.5 Pale, brec'd, 1% Po, tr. Py
260.5 - 277.0	KIMERLITE DYKE	
		Typical, contact sharp, irregular, 30 CA, local well rounded granite cobbles to 3"
277.0 - 347.0	I.F.	
		277.0 - 347.0 Pale, buff, brec'd, local 25 CA bedding 1% Po, scattered blue qtz strings

347.0 - 376.0	DIORITE	
		Typical
376.0	END OF HOLE	

HOLE NO. HC-86-26

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5431	8.0	13.0	5.0	0.05	NIL
5432	93.0	18.0	5.0	<0.01	NIL
5433	18.0	23.0	5.0	0.11	NIL
5434	23.0	28.0	5.0	<0.01	NIL
5435	28.0	33.0	5.0	<0.01	NIL
5436	33.0	38.0	5.0	<0.01	NIL
5437	38.0	43.0	5.0	<0.01	NIL
543B	43.0	48.0	5.0	<0.01	NIL
5439	48.0	53.0	5.0	<0.01	NIL
5440	53.0	58.0	5.0	0.03	NIL
5441	58.0	63.0	5.0	0.02	NIL
5442	63.0	68.0	5.0	<0.01	NIL
5443	68.0	73.0	5.0	0.02	NIL
5444	73.0	78.0	5.0	0.05	NIL
5445	78.0	83.0	5.0	3.75	0.12
5446	83.0	88.0	5.0	0.02	NIL
5447	88.0	90.5	2.5	1.12	0.04
5448	90.5	93.0	2.5	16.05	0.50
5449	93.0	95.5	2.5	2.99	0.09
5450	95.5	98.0	2.5	0.26	0.01
5451	98.0	100.5	2.5	0.61	0.02

HOLE NO. HC-86-26

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5452	100.5	103.0	2.5	2.33	0.07
5453	103.0	105.5	2.5	2.19	0.07
5454	105.5	108.0	2.5	0.02	NIL
5455	108.0	110.5	2.5	0.03	NIL
5456	110.5	113.0	2.5	0.08	NIL
5457	113.0	115.5	2.5	0.02	NIL
5458	115.5	118.0	2.5	0.02	NIL
5459	118.0	120.5	2.5	0.02	NIL
5460	120.5	123.0	2.5	0.08	NIL
5461	123.0	125.5	2.5	0.09	NIL
5462	125.5	128.0	2.5	0.49	0.01
5463	128.0	130.5	2.5	<0.01	NIL
5464	130.5	133.0	2.5	<0.01	NIL
5465	133.0	135.5	2.5	<0.01	NIL
5466	135.5	938.0	2.5	<0.01	NIL
5467	138.0	140.5	2.5	0.04	NIL
5468	140.5	143.0	2.5	0.06	NIL
5469	143.0	145.5	2.5	0.01	NIL
5470	145.5	148.0	2.5	0.02	NIL
5471	148.0	150.5	2.5	0.27	0.01
5472	150.5	153.0	2.5	0.15	NIL
5473	153.0	155.5	2.5	0.10	NIL

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5474	155.0	158.0	2.5	3.78	0.12
5475	158.0	160.5	2.5	1.87	0.06
5476	160.5	167.0	2.5	0.05	NIL
5477	163.0	165.5	2.5	0.18	NIL
5478	165.5	168.0	2.5	0.03	NIL
5479	168.0	170.5	2.5	0.04	NIL
5480	170.5	173.0	2.5	0.04	NIL
5481	173.0	175.5	2.5	0.05	NIL
5482	175.5	178.0	2.5	0.35	0.01
5483	178.0	180.5	2.5	0.04	NIL
5484	180.5	182.0	2.5	0.06	NIL
5485	182.0	187.0	5.0	0.69	0.02
5486	187.0	192.0	5.0	0.05	NIL
5487	192.0	197.0	5.0	0.05	NIL
5488	197.0	202.0	5.0	0.02	NIL
5489	202.0	207.0	5.0	0.25	0.01
5490	207.0	211.0	5.0	0.32	0.01
5491	211.0	216.0	5.0	0.18	0.01
5492	216.0	222.0	5.0	0.08	NIL
5493	222.0	227.0	5.0	<0.01	NIL
5494	227.0	232.0	5.0	0.05	NIL
5495	232.0	237.0	5.0	0.03	NIL

HOLE NO. HC-86-26

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				PPM	OZ.
5496	237.0	242.0	5.0	<0.01	NIL
5497	242.0	247.0	5.0	0.03	NIL
5498	247.0	252.0	5.0	0.03	NIL
5499	252.0	257.0	5.0	0.07	NIL
5500	257.0	260.5	5.0	0.03	NIL
4601	277.0	282.0	5.0	0.04	NIL
4602	282.0	287.0	5.0	0.05	NIL
4603	287.0	292.0	5.0	0.06	NIL
4604	292.0	297.0	5.0	0.06	NIL
4605	297.0	302.0	5.0	0.05	NIL
4606	302.0	307.0	5.0	2.30	0.07
4607	307.0	312.0	5.0	1.36	0.04
4608	312.0	317.0	5.0	0.19	0.01
4609	317.0	322.0	5.0	0.01	NIL
4610	322.0	327.0	5.0	0.87	0.03
4611	327.0	332.0	5.0	0.05	NIL
4612	332.0	337.0	5.0	0.10	NIL
4613	337.0	342.0	5.0	0.02	NIL
4614	342.0	347.0	5.0	0.01	NIL

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BONDAR-CLEGG

Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
2601		2.75	116.08		3.09	20.00	350.00	1.04
2602		3.47		2148	5.08	20.00	360.00	0.27
2603		0.69	5.79		0.75	20.00	305.00	3.81
2604		1.04	22.65		1.13	20.00	265.00	1.15
2605		0.16	0.25		0.16	20.00	280.00	0.40
2606		0.18	54.60		0.21	20.00	315.00	0.20
2607		0.28	0.38		0.28	20.00	270.00	0.37
2608		0.46	0.10		0.46	20.00	285.00	0.40
2609		0.86	0.25		0.86	20.00	315.00	1.07
2610		0.01	<0.01		0.01	20.00	270.00	7.78
2611								
2618		0.02	0.02		0.02	10.00	305.00	3.04
2619		0.02	0.03		0.02	10.00	310.00	2.70
2620		0.14	0.67		0.15	10.00	305.00	3.75
2621		0.02	0.02		0.02	10.00	305.00	3.05
2622		0.27	2.29		0.29	10.00	260.00	3.02
2623		0.02	2.79		0.03	10.00	305.00	0.84
2624		0.58	5.88		0.68	10.00	300.00	5.75
2625		0.28	0.29		0.28	10.00	315.00	2.97
2626		0.30	1.44		0.31	10.00	300.00	2.61
2627		0.20	2.05		0.21	10.00	300.00	1.85
2628		1.86	3.38		1.89	10.00	300.00	6.59
2629		0.03	0.07		0.03	20.00	300.00	10.05
2630		0.05	<0.01		0.05	20.00	310.00	24.53
2631		0.34	0.33		0.34	20.00	315.00	1.34
2632		0.32	3.11		0.35	20.00	325.00	3.32
2633		0.02	0.03		0.02	20.00	315.00	2.50
2634		0.01	<0.01		0.01	20.00	290.00	5.78
2635		0.13	4.49		0.15	20.00	305.00	1.43
2636		0.36	1.02		0.38	20.00	310.00	9.39
2637		0.79	3.85		0.85	20.00	310.00	5.47
2638		0.37	2.97		0.42	20.00	325.00	6.20
2639		0.20	2.57		0.22	20.00	305.00	2.03
2640		0.08	0.90		0.10	20.00	295.00	8.18
2641		0.04	0.04		0.04	20.00	315.00	2.52
2642		0.02	0.05		0.02	20.00	315.00	8.28
2643		0.05	0.09		0.05	20.00	310.00	22.11
2644		0.07	0.05		0.07	20.00	300.00	16.82
2645		0.14	0.15		0.14	20.00	275.00	37.38
2646		0.10	0.10		0.10	20.00	285.00	15.10

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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
2647		0.03	0.03		0.03	20.00	295.00	12.14
2648		0.03	0.04		0.03	20.00	295.00	26.53
2649		0.03	0.04		0.03	20.00	305.00	9.73
2650		0.15	0.16		0.15	20.00	300.00	5.09
2651		0.06	0.06		0.06	20.00	280.00	6.58
2652		0.02	0.09		0.02	20.00	335.00	3.50
2653		0.05	0.06		0.05	20.00	300.00	7.21
2654		0.08	0.07		0.08	20.00	285.00	17.98

85-2

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 015-4039 (COMPLETE)

REFERENCE INFO:

CLIENT: HIGHLAND CROW RESOURCES
PROJECT: 1422

SUBMITTED BY: B. GRAHAM
DATE PRINTED: 10-DEC-85

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	43	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	43	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au AV Gold Weight Average	43	0.01 PPM		
4	TestWt Au Test Weight -150	43	0.01 gms		
5	-150Wt Weight -150 Obtained	43	0.01 gms		
6	+150Wt Weight +150 Obtained	43	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	43	+150/-150	43	CRUSH,PULVERIZE -200	43
				METALLICS +150/-150	43

REMARKS: < MEANS LESS THAN
SAMPLES LISTED BUT NOT RECEIVED ARE
63751, 86506, 509, 510, 521 TO 525, 527 TO 529,
86531, 535 TO 539, 543 AND 546.

REPORT COPIES TO: DAN INNES

INVOICE TO: DAN INNES

RECEIVED
DEC 16 1985

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Geochemical Lab Report

REPORT: 015-4039

PROJECT: 1422 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
63752		0.02	0.07	0.02	20.00	310.00	2.42
63753		<0.01	0.01	<0.01	20.00	290.00	3.00
63754		0.07	0.11	0.07	20.00	335.00	12.46
63755		0.11	0.16	0.11	20.00	325.00	13.00
63756		<0.01	0.01	<0.01	20.00	325.00	10.85
63757		0.02	0.02	0.02	20.00	315.00	16.77
63758		0.03	0.03	0.03	20.00	335.00	12.90
63759		<0.01	0.02	<0.01	20.00	345.00	3.04
63760		0.02	0.01	0.02	20.00	305.00	12.43
63761		0.07	0.11	0.07	20.00	320.00	12.44
63762		0.02	0.03	0.02	20.00	320.00	10.00
63763		<0.01	0.02	<0.01	20.00	305.00	10.00
86501		1.82	18.55	2.36	20.00	300.00	10.03
86502		1.77	14.28	2.33	20.00	280.00	13.00
86503		7.86	69.75	10.22	20.00	305.00	12.10
86504		0.97	2.26	1.21	20.00	245.00	56.10
86505		3.83	30.18	5.10	20.00	300.00	15.20
86507		8.03	220.64	17.43	20.00	310.00	14.34
86508		0.74	9.67	0.91	20.00	320.00	6.20
86511		0.07	0.42	0.08	20.00	310.00	5.95
86512		0.46	1.58	0.50	20.00	310.00	11.45
86513		0.01	<0.01	0.01	20.00	335.00	6.50
86514		0.02	0.01	0.02	20.00	295.00	11.94
86515		0.06	1.11	0.09	20.00	330.00	8.65
86516		0.02	0.01	0.02	20.00	245.00	45.19
86517		0.06	0.54	0.09	20.00	285.00	17.58
86518		0.03	0.90	0.05	20.00	320.00	5.62
86519		0.02	0.03	0.02	20.00	340.00	6.45
86520		0.08	1.24	0.09	20.00	360.00	2.37
86526		0.86	3.55	0.92	20.00	335.00	7.54
86530		0.06	0.03	0.06	20.00	315.00	10.32
86532		1.08	3.19	1.14	20.00	330.00	9.09
86533		0.02	0.02	0.02	20.00	330.00	8.11
86534		0.08	0.42	0.09	20.00	315.00	9.85
86540		0.10	0.12	0.10	20.00	285.00	9.35
86541		0.81	0.53	0.80	20.00	300.00	8.28
86542		0.38	2.90	0.44	20.00	325.00	7.30
86544		1.41	3.11	1.45	20.00	295.00	7.71
86545		0.01	0.02	0.01	20.00	310.00	12.15
86547		0.08	0.13	0.08	20.00	295.00	9.18

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Geochemical Lab Report

REPORT: 015-4039 | PROJECT: 1422 | PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
86548		0.24	0.16	0.24	20.00	305.00	8.74
86549		0.02	0.02	0.02	20.00	345.00	10.10
86550		0.05	0.05	0.05	20.00	350.00	10.68

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Geochemical Lab Report

REPORT: 015-4107 (COMPLETE)

REFERENCE INFO:

CLIENT: HIGHLAND CROW RESOURCES
PROJECT: 1422

SUBMITTED BY: B. GRAHAM
DATE PRINTED: 11-DEC-85

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	86	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	84	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au+150 Gold +150 Fraction	2	10 PPM	AQUA REGIA	Fire Assay AA
4	Au AV Gold Weight Average	86	0.01 PPM		
5	TestWt Au Test Weight -150	86	0.01 gms		
6	-150Wt Weight -150 Obtained	86	0.01 gms		
7	+150Wt Weight +150 Obtained	86	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	86	+150/-150	86	METALLICS +150/-150	86

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Geochemical Lab Report

REPORT: 015-4107 | PROJECT: 1422 | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
3007		2.68	31.48		2.77	20.00	365.00	1.16
3008		2.44	30.27		2.70	20.00	350.00	3.29
3009		1.45	14.23		1.52	20.00	350.00	2.06
3010		0.16	0.22		0.16	20.00	345.00	1.20
3011		3.95	206.59		5.15	20.00	305.00	1.82
3012		1.99	264.62		2.28	20.00	350.00	0.39
3013		1.13	0.56		1.13	20.00	320.00	1.14
3014		2.53	10.26		2.60	20.00	350.00	3.25
3015		0.34	0.87		0.34	20.00	245.00	0.30
3016		0.06	<0.01		0.06	20.00	230.00	0.73
3017		0.05	3.37		0.07	20.00	265.00	1.40
3018		0.19	0.25		0.19	20.00	350.00	0.57
3019		6.62		511	7.57	20.00	335.00	0.63
3020		5.76		3684	11.40	20.00	295.00	0.45
3021		0.53	2.79		0.55	20.00	310.00	2.98
3022		0.25	3.12		0.27	20.00	330.00	2.02
3023		0.06	0.74		0.06	20.00	340.00	2.50
3024		0.25	0.38		0.25	20.00	275.00	0.47
3025		0.59	2.57		0.61	20.00	350.00	3.15
3026		0.05	0.05		0.05	20.00	295.00	3.06
3027		0.17	0.94		0.18	20.00	360.00	4.77
3028		0.06	0.50		0.07	20.00	355.00	4.96
3029		0.02	0.04		0.02	20.00	335.00	4.30
3030		6.83	163.23		8.31	20.00	325.00	3.10
3031		0.10	0.12		0.10	20.00	260.00	1.21
3032		0.08	<0.01		0.08	20.00	240.00	7.91
3033		0.02	0.01		0.02	20.00	270.00	4.19
3034		0.01	<0.01		0.01	20.00	240.00	5.08
3035		1.34	35.65		1.72	20.00	230.00	2.60
3036		4.18	51.10		5.06	20.00	255.00	4.90
3037		0.18	5.85		0.20	20.00	260.00	0.78
3038		0.51	9.36		0.57	20.00	290.00	2.09
3039		0.76	10.04		0.82	20.00	305.00	2.03
3040		0.23	0.13		0.23	20.00	320.00	2.00
3041		0.60	18.94		0.81	20.00	325.00	3.68
3042		3.27	11.98		3.54	20.00	360.00	11.45
3043		8.23	64.19		10.39	20.00	310.00	12.42
3044		1.07	17.92		1.52	20.00	340.00	9.23
3045		8.02	127.06		17.92	20.00	295.00	26.76
3046		8.14	155.37		14.93	20.00	370.00	17.88

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Geochemical Lab Report

REPORT: 015-4107 | PROJECT: 1422 | PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPB	Au+150 PPB	Au+150 PPB	Au AV PPB	TestWt gms	-150Wt gms	+150Wt gms
3047		2.89	33.66		3.39	20.00	295.00	4.92
3048		1.29	10.82		1.55	20.00	280.00	7.72
3049		0.04	0.05		0.04	20.00	330.00	7.76
3050		1.31	38.72		2.09	20.00	280.00	5.93
3051		0.14	5.54		0.19	20.00	345.00	3.36
3052		0.10	0.12		0.10	20.00	290.00	3.09
3053		0.44	10.67		0.51	20.00	295.00	2.14
3054		7.16	207.44		11.77	20.00	365.00	8.60
3055		1.06	25.67		1.35	20.00	335.00	4.06
3056		1.09	30.69		1.31	20.00	330.00	2.45
3057		0.11	0.28		0.11	20.00	325.00	2.53
3058		0.23	12.36		0.27	20.00	355.00	1.29
3059		0.04	0.23		0.04	20.00	310.00	0.97
3060		0.29	69.70		0.71	20.00	325.00	2.00
3061		1.05	13.98		1.19	20.00	375.00	3.97
3062		0.28	4.56		0.29	20.00	335.00	1.07
3063		0.10	0.06		0.10	20.00	330.00	3.47
3064		0.14	0.08		0.14	20.00	330.00	3.25
3065		0.02	0.09		0.02	20.00	300.00	1.40
3066		1.17	48.73		1.52	20.00	335.00	2.45
3067		0.14	0.29		0.14	20.00	335.00	4.12
3068		1.48	108.01		2.29	20.00	350.00	2.67
3069		3.16	205.84		4.58	20.00	320.00	2.26
3070		0.04	2.42		0.05	20.00	325.00	1.42
3071		0.07	0.04		0.07	20.00	350.00	4.30
3072		0.05	0.55		0.06	20.00	345.00	4.64
3073		0.14	0.06		0.14	20.00	290.00	4.13
3074		0.54	0.27		0.54	20.00	325.00	3.71
3075		0.05	0.08		0.05	20.00	295.00	1.32
3076		0.04	0.07		0.04	20.00	330.00	3.43
3077		0.12	4.96		0.17	20.00	290.00	2.94
3078		2.35	15.40		2.53	20.00	310.00	4.39
3079		0.14	0.20		0.14	20.00	315.00	6.71
3080		0.05	0.08		0.05	20.00	300.00	3.20
3081		0.56	0.40		0.56	20.00	315.00	3.30
3082		0.03	0.01		0.03	20.00	305.00	9.07
3083		0.37	0.73		0.38	20.00	315.00	7.52
3084		5.93	173.23		8.29	20.00	355.00	5.08
3085		1.36	1.84		1.38	20.00	295.00	13.20
3086		0.06	0.17		0.06	20.00	330.00	13.91

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Geochemical Lab Report

REPORT: 015-4107 | PROJECT: 1422 | PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
3087		0.14	0.32		0.15	20.00	320.00	11.52
3088		0.03	0.03		0.03	20.00	320.00	14.31
3089		0.03	0.03		0.03	20.00	295.00	10.35
3090		0.02	0.02		0.02	20.00	305.00	6.96
3091		0.12	0.06		0.12	20.00	310.00	14.74
3092		0.09	0.08		0.09	20.00	275.00	6.93

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Geochemical Lab Report

REPORT: 015-4069 (COMPLETE)

REFERENCE INFO:

CLIENT: HIGHLAND CROW RESOURCES
PROJECT: 1422

SUBMITTED BY: B. GRAHAM
DATE PRINTED: 12-DEC-85

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	79	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	79	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au AV Gold Weight Average	79	0.01 PPM		
4	TestWt Au Test Weight -150	79	0.01 gms		
5	-150Wt Weight -150 Obtained	79	0.01 gms		
6	+150Wt Weight +150 Obtained	79	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	79	+150/-150	79	METALLICS +150/-150	79

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Geochemical Lab Report

REPORT: 015-4069 | PROJECT: 1422 | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
2611		0.24	0.21	0.24	20.00	285.00	2.99
2612		0.01	0.35	0.01	20.00	285.00	0.23
2613		0.20	0.72	0.02	20.00	305.00	0.36
2614		0.08	0.13	0.08	20.00	295.00	5.31
2615		0.75	7.67	0.76	20.00	280.00	0.49
2616		0.04	0.16	0.04	20.00	275.00	0.25
2617		0.12	0.03	0.12	20.00	310.00	0.71
2655		0.01	0.01	0.01	20.00	305.00	1.41
2656		0.04	0.04	0.04	20.00	320.00	2.28
2657		0.03	0.10	0.03	20.00	290.00	0.68
2658		0.01	0.03	0.01	20.00	280.00	0.60
2659		0.11	0.04	0.11	20.00	285.00	0.89
2660		0.16	0.09	0.16	20.00	250.00	0.93
2661		0.02	0.08	0.02	20.00	225.00	0.52
2662		0.02	<0.01	0.02	20.00	220.00	0.54
2663		0.04	0.20	0.04	20.00	260.00	0.30
2664		0.02	0.04	0.02	20.00	305.00	2.72
2665		0.16	0.13	0.16	20.00	235.00	0.46
2666		0.02	0.05	0.02	20.00	240.00	1.15
2667		0.22	119.29	0.50	20.00	270.00	0.62
2668		0.13	2.84	0.15	20.00	330.00	3.01
2669		0.01	0.06	0.05	20.00	355.00	5.37
2670		0.06	0.01	0.05	20.00	325.00	14.58
2671		0.07	8.67	0.08	20.00	225.00	0.36
2672		0.05	0.07	0.05	20.00	325.00	11.27
2673		0.01	0.01	0.01	20.00	245.00	4.41
2674		0.01	<0.01	0.01	20.00	270.00	5.44
2675		0.01	<0.01	0.01	20.00	280.00	2.51
2676		<0.01	0.01	<0.01	20.00	350.00	10.95
2677		0.02	<0.01	0.01	20.00	270.00	2.95
2678		0.04	0.01	0.04	20.00	285.00	7.45
2679		10.36	32.64	11.02	20.00	335.00	10.16
2680		0.29	0.84	0.31	20.00	285.00	8.21
2681		0.26	0.93	0.28	20.00	335.00	10.50
2682		1.68	3.91	1.72	20.00	320.00	7.04
2683		0.09	0.32	0.10	20.00	310.00	10.30
2684		0.08	0.14	0.08	20.00	295.00	5.73
2685		0.03	0.07	0.03	20.00	300.00	13.42
2686		0.18	0.55	0.20	20.00	360.00	8.63
2687		0.08	1.10	0.10	20.00	310.00	4.73

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Geochemical Lab Report

REPORT: 015-4069 | PROJECT: 1422 | PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
2688		0.34	1.22	0.38	20.00	250.00	12.50
2689		26.84	184.27	30.23	20.00	260.00	5.73
2690		21.58	3.92	20.88	20.00	290.00	11.80
2691		0.34	2.55	0.41	20.00	295.00	10.73
2692		0.74	1.92	0.78	20.00	255.00	9.83
2693		0.13	0.53	0.14	20.00	265.00	7.03
2694		0.03	0.06	0.03	20.00	245.00	5.32
2695		0.02	0.03	0.01	20.00	285.00	6.13
2696		0.08	0.04	0.07	20.00	310.00	6.10
2697		0.04	0.04	0.04	20.00	320.00	6.92
2698		0.46	3.64	0.51	20.00	295.00	3.96
2699		0.24	0.25	0.24	20.00	325.00	10.89
2700		0.26	0.37	0.26	20.00	260.00	2.10
3001		3.22	64.12	5.75	20.00	285.00	12.35
3002		1.32	27.47	1.42	20.00	245.00	0.99
3003		1.24	10.48	1.56	20.00	315.00	11.50
3004		0.31	8.45	0.39	20.00	330.00	3.43
3005		0.22	0.58	0.24	20.00	300.00	10.54
3006		4.00	38.06	5.40	20.00	270.00	11.64
63751		0.02	4.10	0.04	20.00	305.00	1.40
86506		0.09	0.08	0.09	20.00	330.00	4.69
86509		0.03	0.02	0.03	20.00	275.00	4.88
86510		0.66	4.06	0.77	20.00	300.00	9.90
86521		0.11	0.86	0.13	20.00	285.00	12.13
86522		0.06	<0.01	0.06	20.00	285.00	2.38
86523		0.29	1.15	0.33	20.00	330.00	12.88
86524		0.12	15.09	0.23	20.00	305.00	2.36
86525		0.03	0.21	0.04	20.00	315.00	7.88
86527		0.02	0.16	0.03	20.00	320.00	24.34
86528		0.01	0.01	0.01	20.00	275.00	4.11
86529		0.01	0.26	0.01	20.00	325.00	5.92
86531		0.48	17.86	0.56	20.00	295.00	1.67
86535		0.15	0.20	0.15	20.00	290.00	28.37
86536		2.09	2.59	2.11	20.00	260.00	9.92
86537		0.22	0.22	0.22	20.00	290.00	15.97
86538		0.18	0.55	0.19	20.00	290.00	6.18
86539		0.16	0.13	0.16	20.00	285.00	42.67
86543		1.28	61.08	1.99	20.00	300.00	3.43
86546		0.02	0.08	0.02	20.00	285.00	1.51

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Geochemical Lab Report

REPORT: 015-4164 (COMPLETE)

REFERENCE INFO:

CLIENT: HIGHLAND CROW RESOURCES
PROJECT: 1422

SUBMITTED BY: BOB GRAHAM
DATE PRINTED: 15-DEC-85

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	60	0.01 PPM	AQUA REGIA	Fire Assay AA
2	AV+150 Gold +150 Fraction	60	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au AV Gold Weight Average	60	0.01 PPM		
4	TestWt Au Test Weight -150	60	0.01 gms		
5	-150Wt Weight -150 Obtained	60	0.01 gms		
6	+150Wt Weight +150 Obtained	60	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	60	+150/-150	60	METALLICS +150/-150	60

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Geochemical Lab Report

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AMPLE UMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
3093		<0.01	0.01	<0.01	20.00	310.00	4.35
3094		0.01	0.01	0.01	20.00	325.00	4.33
3095		0.04	0.05	0.04	20.00	340.00	0.83
3096		0.16	0.55	0.16	20.00	335.00	0.11
3097		0.01	0.04	0.01	20.00	315.00	0.46
3098		0.26	0.39	0.26	20.00	340.00	1.40
3099		0.06	0.09	0.06	20.00	335.00	11.64
3100		0.01	0.02	0.01	20.00	285.00	0.90
3101		0.02	0.11	0.02	20.00	310.00	0.76
3102		<0.01	0.12	<0.01	20.00	270.00	0.33
3103		0.03	0.06	0.03	20.00	325.00	7.31
3104		0.04	0.07	0.04	20.00	285.00	7.79
3105		<0.01	<0.01	<0.01	20.00	350.00	8.85
3106		0.01	0.02	0.01	20.00	355.00	3.75
3107		0.38	64.22	1.13	20.00	365.00	4.36
3108		0.04	0.02	0.04	20.00	345.00	7.58
3109		<0.01	0.03	<0.01	20.00	335.00	3.17
3110		0.11	0.04	0.11	20.00	335.00	7.20
3111		0.04	0.06	0.04	20.00	355.00	4.63
3112		0.15	3.14	0.20	20.00	325.00	5.15
3113		0.07	0.07	0.07	20.00	310.00	4.01
3114		0.01	0.02	0.01	20.00	325.00	10.74
3115		0.03	0.06	0.03	20.00	360.00	3.60
3116		0.02	0.09	0.02	20.00	345.00	3.10
3117		5.77	8.28	5.83	20.00	315.00	9.26
3118		0.05	2.87	0.07	20.00	345.00	2.01
3119		0.06	0.21	0.06	20.00	325.00	1.24
3120		0.19	0.34	0.19	20.00	310.00	3.56
3121		1.50	3.90	1.55	20.00	295.00	6.12
3122		0.01	0.04	0.01	20.00	325.00	3.68
3123		0.01	1.42	0.02	20.00	350.00	2.31
3124		0.04	0.05	0.04	20.00	365.00	4.76
3125		0.19	0.40	0.19	20.00	375.00	8.00
3126		0.05	0.13	0.05	20.00	330.00	4.75
3127		0.01	0.01	0.01	20.00	310.00	9.83
3128		<0.01	0.02	<0.01	20.00	335.00	8.80
3129		<0.01	0.01	<0.01	20.00	290.00	3.41
3130		0.01	0.03	0.01	20.00	310.00	3.84
3131		0.01	0.01	0.01	20.00	340.00	6.93
3132		0.45	0.86	0.46	20.00	330.00	7.22

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 015-4164 | PROJECT: 1422 | PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
3133		0.19	0.50	0.20	20.00	335.00	13.82
3134		0.03	0.11	0.03	20.00	365.00	6.29
3135		0.02	0.02	0.02	20.00	280.00	7.55
3136		0.09	0.08	0.09	20.00	355.00	5.31
3137		0.29	0.29	0.29	20.00	335.00	10.37
3138		0.10	0.05	0.10	20.00	280.00	3.79
3139		0.02	0.02	0.02	20.00	350.00	12.60
3140		0.01	<0.01	0.01	20.00	340.00	6.56
3141		<0.01	<0.01	<0.01	20.00	345.00	7.52
3142		0.01	<0.01	0.01	20.00	340.00	6.97
3143		0.05	<0.01	0.05	20.00	340.00	7.56
3144		0.11	0.12	0.11	20.00	410.00	19.89
3145		0.05	0.04	0.05	20.00	350.00	4.90
3146		0.07	0.06	0.07	20.00	390.00	17.42
3147		0.03	0.02	0.03	20.00	310.00	11.92
3148		0.01	<0.01	0.01	20.00	275.00	9.59
3149		1.48	8.57	1.68	20.00	360.00	10.24
3150		6.10	157.88	8.91	20.00	370.00	6.98
3151		4.90	41.51	7.25	20.00	290.00	19.92
3152		0.20	4.00	0.28	20.00	300.00	6.10

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Geochemical Lab Report

PORT: 015-4211 (COMPLETE)

REFERENCE INFO:

IENT: HIGHLAND CROW RESOURCES
OJECT: 1422

SUBMITTED BY: BOB GRAHAM
DATE PRINTED: 17-DEC-85

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	17	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	16	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au+150 Gold +150 Fraction	1	10 PPM	AQUA REGIA	Fire Assay AA
4	Au AV Gold Weight Average	16	0.01 PPM		
5	Au AV Gold Weight Average	1	10 PPM		
6	TestWt Au Test Weight -150	17	0.01 gms		
7	-150Wt Weight -150 Obtained	17	0.01 gms		
8	+150Wt Weight +150 Obtained	17	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	17	+150/-150	17	METALLICS +150/-150	17

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Geochemical Lab Report

PORT: 015-4211

PROJECT: 1422 PAGE 1

APLE MBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au+150 PPM	Au AV PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
2601		6.27	93.98		8.90		20.00	345.00	10.68
2602		5.41	133.19		8.00		20.00	280.00	5.80
2603		1.45	16.10		1.70		20.00	300.00	5.25
2604		0.41	48.46		0.59		20.00	375.00	1.38
2605		0.40	6.58		0.42		20.00	265.00	0.73
2606		0.52	3.96		0.53		20.00	305.00	1.09
2607		0.27	0.73		0.29		20.00	260.00	10.35
3193		7.02	32.42		9.10		20.00	245.00	21.83
3194		7.03	136.56		12.47		20.00	295.00	12.93
3195		0.55	8.70		1.09		20.00	250.00	17.65
3196		225.25		7367		772	20.00	275.00	22.78
3197		3.41	45.18		6.53		20.00	235.00	18.94
4144		3.90	49.49		7.11		20.00	290.00	21.94
4145		1.58	9.55		2.37		20.00	280.00	30.61
4146		0.82	6.46		1.11		20.00	355.00	19.54
4147		0.15	0.26		0.15		20.00	330.00	10.68
B6506		3.79	107.25		6.85		20.00	320.00	9.75

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Geochemical Lab Report

PORT: 015-4196 (COMPLETE)

REFERENCE INFO:

IENT: HIGHLAND CROW RESOURCES
OJECT: 1422

SUBMITTED BY: BOB GRAHAM
DATE PRINTED: 18-DEC-85

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	83	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	83	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au AV Gold Weight Average	83	0.01 PPM		
4	TestWt Au Test Weight -150	83	0.01 gms		
5	-150Wt Weight -150 Obtained	83	0.01 gms		
6	+150Wt Weight +150 Obtained	83	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	83	+150/-150	83	METALLICS +150/-150	83

REMARKS: < MEANS LESS THAN.

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Geochemical Lab Report

PORT: 015-4196 PROJECT: 1422 PAGE 1

MPLE MBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
3153		0.02	0.04	0.02	20.00	285.00	4.28
3154		<0.01	<0.01	<0.01	20.00	255.00	0.64
3155		<0.01	<0.01	<0.01	20.00	295.00	9.30
3156		7.28	22.86	7.39	20.00	305.00	2.10
3157		1.49	30.00	2.30	20.00	290.00	8.50
3158		2.62	9.62	2.75	20.00	279.00	5.03
3159		0.15	0.16	0.15	20.00	315.00	0.86
3160		0.03	0.01	0.03	20.00	265.00	4.78
3161		0.13	0.03	0.13	20.00	260.00	0.59
3162		0.06	0.05	0.06	20.00	340.00	6.09
3163		0.06	0.05	0.06	20.00	345.00	3.75
3164		0.25	0.15	0.25	20.00	350.00	15.35
3165		0.44	2.15	0.47	20.00	250.00	3.72
3166		0.32	0.48	0.32	20.00	310.00	1.25
3167		30.95	139.63	34.07	20.00	315.00	9.31
3168		3.95	8.67	4.05	20.00	340.00	7.38
3169		0.46	1.22	0.47	20.00	315.00	5.67
3170		1.43	43.24	1.83	20.00	310.00	2.96
3171		0.52	1.20	0.53	20.00	310.00	4.55
3172		12.19	152.17	14.03	20.00	345.00	4.60
3173		3.40	30.19	4.10	20.00	390.00	10.43
3174		2.59	19.70	2.86	20.00	335.00	5.28
3175		1.96	10.46	2.11	20.00	360.00	6.60
3176		2.76	17.82	2.98	20.00	310.00	4.57
3177		0.39	0.13	0.39	20.00	355.00	8.49
3178		0.19	0.20	0.19	20.00	375.00	6.57
3179		0.18	1.74	0.22	20.00	325.00	8.03
3180		0.47	2.39	0.52	20.00	315.00	8.37
3181		0.19	0.25	0.19	20.00	340.00	7.78
3182		0.18	0.17	0.18	20.00	330.00	5.32
3183		0.16	0.23	0.16	20.00	345.00	0.87
3184		0.04	0.04	0.04	20.00	310.00	8.41
3185		0.17	1.05	0.20	20.00	365.00	11.61
3186		0.02	<0.01	0.02	20.00	370.00	1.09
3187		0.37	1.45	0.38	20.00	335.00	2.73
3188		0.17	0.14	0.17	20.00	270.00	3.05
3189		0.22	0.24	0.22	20.00	285.00	3.32
3190		0.16	0.23	0.16	20.00	330.00	0.70
3191		0.01	<0.01	0.01	20.00	310.00	3.12
3192		0.03	0.10	0.03	20.00	330.00	0.80

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Geochemical Lab Report

PORT: 015-4196 PROJECT: 1422 PAGE 2

MPLE MBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gas	-150Wt gas	+150Wt gas
4101		0.32	1.79	0.35	20.00	340.00	6.25
4102		1.65	8.68	1.75	20.00	335.00	5.07
4103		0.91	1.23	0.91	20.00	305.00	0.47
4104		12.15	21.18	12.41	20.00	320.00	9.63
4105		2.48	5.65	2.49	20.00	280.00	0.79
4106		0.19	0.76	0.20	20.00	305.00	5.01
4107		0.08	0.08	0.08	20.00	280.00	3.55
4108		0.06	0.04	0.06	20.00	260.00	1.02
4109		0.07	0.05	0.07	20.00	290.00	5.19
4110		0.04	0.02	0.04	20.00	245.00	3.71
4111		0.02	0.04	0.02	20.00	340.00	1.69
4112		0.02	0.01	0.02	20.00	290.00	5.06
4113		0.02	<0.01	0.02	20.00	265.00	8.13
4114		0.80	0.07	0.80	20.00	290.00	2.35
4115		0.01	<0.01	0.01	20.00	250.00	8.56
4116		0.08	0.05	0.08	20.00	320.00	1.57
4117		0.74	3.23	0.78	20.00	265.00	4.64
4118		0.41	18.75	0.49	20.00	295.00	1.28
4119		0.08	0.05	0.08	20.00	310.00	11.74
4120		0.03	0.69	0.05	20.00	235.00	8.37
4121		0.73	0.25	0.73	20.00	310.00	1.19
4122		0.06	0.04	0.06	20.00	305.00	4.28
4123		0.58	0.70	0.58	20.00	285.00	4.74
4124		0.30	0.29	0.30	20.00	280.00	2.11
4125		0.13	0.10	0.13	20.00	275.00	0.81
4126		0.41	0.26	0.41	20.00	280.00	0.38
4127		0.92	1.03	0.92	20.00	275.00	0.29
4128		0.63	0.79	0.63	20.00	325.00	3.39
4129		1.48	3.81	1.50	20.00	350.00	5.62
4130		0.60	0.46	0.60	20.00	340.00	5.82
4131		0.23	0.22	0.23	20.00	320.00	18.38
4132		0.03	0.02	0.03	20.00	310.00	13.10
4133		0.55	3.09	0.60	20.00	295.00	6.32
4134		0.48	0.56	0.48	20.00	315.00	10.82
4135		1.55	6.94	1.71	20.00	295.00	8.94
4136		3.42	4.05	3.44	20.00	260.00	7.16
4137		0.53	0.52	0.53	20.00	320.00	7.25
4138		0.04	0.01	0.04	20.00	340.00	7.48
4139		0.43	0.46	0.43	20.00	370.00	9.06
4140		0.27	0.23	0.27	20.00	340.00	5.90

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Geochemical Lab Report

PORT: 015-4196 PROJECT: 1422 PAGE 3

MPLE MBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4141		0.06	0.07	0.06	20.00	340.00	2.42
4142		0.06	0.12	0.06	20.00	260.00	6.01
4143		0.05	0.02	0.05	20.00	240.00	4.40

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Geochemical Lab Report

ORT: Q15-4229 (COMPLETE)

REFERENCE INFO:

ENT: HIGHLAND CROW RESOURCES
JECT: 1422

SUBMITTED BY: BOB GRAHAM
DATE PRINTED: 20-DEC-85

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	1	5 PPB	AQUA REGIA	FA-AA @ 30 gm weight
2	Au-150 Gold -150 Fraction	26	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au+150 Gold +150 Fraction	25	0.01 PPM	AQUA REGIA	Fire Assay AA
4	Au+150 Gold +150 Fraction	1	10 PPM	AQUA REGIA	Fire Assay AA
5	Au AV Gold Weight Average	27	0.01 PPM		
6	TestWt Au Test Weight -150	27	0.01 gms		
7	-150Wt Weight -150 Obtained	26	0.01 gms		
8	+150Wt Weight +150 Obtained	26	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	28	+150/-150	28	METALLICS +150/-150	26

REMARKS: > MEANS GREATER THAN.

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Geochemical Lab Report

ORT: 015-4229 | PROJECT: 1422 | PAGE 1

PLE BER	ELEMENT UNITS	Au PPB	Au-150 PPM	Au+150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
3055			0.15	42.37		0.31	20.00	300.00	1.18
3055(Visible Gold)		>20000					39.17		
3055(Combined)						36.67			
3055A			4.00	196.43		5.40	20.00	305.00	2.24
3056			1.15	1.25		1.15	20.00	315.00	0.72
3056A			1.35	2.50		1.36	20.00	315.00	2.40
63711			0.78	3.15		0.85	20.00	295.00	8.58
63712			0.12	0.07		0.12	20.00	295.00	5.98
63713			0.09	1.64		0.12	20.00	265.00	5.49
63714			0.12	0.69		0.13	20.00	315.00	6.39
63715			0.03	0.14		0.03	20.00	310.00	9.11
63716			0.55	2.17		0.60	20.00	305.00	9.69
63717			0.12	0.05		0.12	20.00	330.00	12.84
63718			1.86	17.57		2.83	20.00	320.00	21.06
63719			0.04	0.04		0.04	20.00	330.00	5.65
63720			0.07	0.11		0.07	20.00	285.00	3.63
63721			7.60	0.11		7.60	20.00	300.00	5.29
63722			8.80	117.65		10.96	20.00	310.00	6.29
63723			30.00		671	49.44	20.00	305.00	9.54
63724			0.35	1.14		0.38	20.00	285.00	13.11
63725			3.00	3.53		3.01	20.00	275.00	7.65
63726			0.08	0.17		0.08	20.00	310.00	5.54
63727			0.40	0.43		0.40	20.00	365.00	12.19
63728			2.80	11.88		3.16	20.00	310.00	12.79
63729			2.00	14.25		2.27	20.00	330.00	7.30
63730			0.93	2.26		0.96	20.00	295.00	7.07
63731			0.28	0.35		0.28	20.00	300.00	11.20
63732			1.48	5.64		1.61	20.00	320.00	10.64

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Geochemical Lab Report

ORT: 015-4230 (COMPLETE)

REFERENCE INFO:

ENT: HIGHLAND CROW RESOURCES
JECT: 1422

SUBMITTED BY: BOB GRAHAM
DATE PRINTED: 24-DEC-85

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	84	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	84	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au AV Gold Weight Average	84	0.01 PPM		
4	TestWt Au Test Weight -150	84	0.01 gms		
5	-150Wt Weight -150 Obtained	84	0.01 gms		
6	+150Wt Weight +150 Obtained	84	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	84	+150/-150	84	METALLICS +150/-150	84

REMARKS: < MEANS LESS THAN.

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Geochemical Lab Report

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PLE BER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4148		0.05	0.10	0.05	20.00	330.00	26.23
4149		0.02	0.04	0.02	20.00	330.00	25.16
4150		0.22	0.16	0.22	20.00	315.00	19.64
4151		0.45	0.44	0.45	20.00	315.00	25.18
4152		2.40	2.27	2.39	20.00	300.00	22.00
4153		0.75	0.94	0.76	20.00	320.00	17.93
4154		0.90	0.68	0.87	20.00	285.00	39.38
4155		1.40	0.88	1.33	20.00	280.00	46.78
4156		0.45	0.62	0.46	20.00	285.00	27.18
4157		0.10	0.21	0.11	20.00	290.00	15.68
4158		0.30	33.98	1.39	20.00	310.00	10.36
4159		0.01	0.03	0.01	20.00	310.00	7.27
4160		0.28	0.28	0.28	20.00	310.00	16.56
4161		3.40	0.67	3.27	20.00	305.00	14.95
4162		0.17	16.07	1.02	20.00	310.00	17.42
4163		0.06	0.13	0.06	20.00	325.00	17.13
4164		0.82	2.21	0.88	20.00	315.00	13.56
4165		0.06	0.14	0.06	20.00	300.00	7.98
4166		0.06	0.07	0.06	20.00	290.00	16.18
4167		0.05	0.08	0.05	20.00	300.00	4.58
4168		0.03	0.03	0.03	20.00	305.00	7.08
4169		0.12	0.12	0.12	20.00	275.00	11.44
4170		0.01	0.21	0.02	20.00	285.00	9.53
4171		1.10	1.60	1.12	20.00	260.00	11.97
4172		0.48	0.43	0.48	20.00	295.00	11.99
4173		0.26	0.21	0.26	20.00	275.00	14.73
4174		0.12	0.09	0.12	20.00	290.00	4.55
4175		0.66	0.13	0.66	20.00	310.00	2.06
4176		0.30	0.37	0.30	20.00	315.00	5.41
4177		1.80	2.75	1.82	20.00	290.00	7.64
4178		0.02	0.39	0.03	20.00	295.00	11.20
4179		0.03	0.02	0.03	20.00	310.00	15.72
4180		0.06	0.05	0.06	20.00	315.00	1.32
4181		0.76	1.01	0.76	20.00	320.00	1.96
4182		0.02	<0.01	0.02	20.00	325.00	27.89
4183		0.02	0.02	0.02	20.00	330.00	27.26
4184		0.10	0.07	0.10	20.00	320.00	14.14
4185		1.65	1.96	1.69	20.00	285.00	38.36
4186		2.40	2.91	2.44	20.00	300.00	24.09
4187		0.55	0.62	0.55	20.00	275.00	16.19

85-11

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Geochemical Lab Report

JRT: 015-4230 | PROJECT: 1422 | PAGE 2

PLE BER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4188		2.46	6.19	2.56	20.00	310.00	8.53
4189		0.28	1.98	0.32	20.00	300.00	7.06
4190		0.68	1.44	0.74	20.00	285.00	25.68
4191		1.80	2.68	1.94	20.00	275.00	52.21
4192		0.15	0.22	0.15	20.00	320.00	22.07
4193		0.19	0.19	0.19	20.00	305.00	27.98
4194		0.15	0.17	0.15	20.00	300.00	25.91
4195		0.05	0.06	0.05	20.00	310.00	13.40
4196		0.11	0.24	0.11	20.00	300.00	6.18
4197		0.01	0.26	0.01	20.00	305.00	4.41
4198		0.05	0.07	0.05	20.00	330.00	3.51
4199		0.08	0.10	0.08	20.00	295.00	31.35
4200		0.27	0.51	0.29	20.00	275.00	29.00
63764		0.11	0.15	0.12	20.00	255.00	85.76
63765		0.15	0.32	0.16	20.00	290.00	22.84
63766		0.10	0.30	0.10	20.00	320.00	2.68
63767		0.17	0.30	0.17	20.00	330.00	7.29
63768		0.10	0.12	0.10	20.00	295.00	44.75
63769		0.02	0.02	0.02	20.00	265.00	70.60
63770		0.04	0.03	0.04	20.00	265.00	36.72
63771		0.02	0.07	0.02	20.00	320.00	6.30
63772		0.01	0.16	0.01	20.00	310.00	6.25
63773		0.12	0.16	0.12	20.00	330.00	2.46
63774		0.04	0.20	0.04	20.00	325.00	2.16
63775		0.08	0.17	0.08	20.00	310.00	7.50
63776		0.01	0.02	0.01	20.00	340.00	10.82
63777		0.01	0.02	0.01	20.00	330.00	10.82
63778		0.01	0.02	0.01	20.00	320.00	12.50
63779		0.32	0.22	0.32	20.00	300.00	8.95
63780		0.01	0.02	0.01	20.00	300.00	5.27
63781		0.06	0.06	0.06	20.00	285.00	4.76
63782		0.01	0.01	0.01	20.00	315.00	8.71
63783		0.04	0.01	0.04	20.00	300.00	7.47
63784		0.15	0.21	0.15	20.00	320.00	13.69
63785		0.64	1.31	0.64	20.00	310.00	1.68
63786		0.04	0.06	0.04	20.00	305.00	3.31
63787		1.70	11.73	1.84	20.00	300.00	4.16
63788		0.65	0.41	0.64	20.00	345.00	11.25
63789		0.25	1.36	0.28	20.00	320.00	8.53
63790		0.12	2.60	0.17	20.00	330.00	6.53

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Geochemical Lab Report

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PLE BER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
53791		0.01	2.10	0.06	20.00	300.00	7.32
53792		0.01	<0.01	0.01	20.00	325.00	2.72
53793		<0.01	0.16	<0.01	20.00	345.00	6.49
53794		<0.01	<0.01	<0.01	20.00	280.00	6.48

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Geochemical Lab Report

REPORT: 015-4273 (COMPLETE)

REFERENCE INFO:

CLIENT: HIGHLAND CROW RESOURCES
PROJECT: 1422

SUBMITTED BY: BOB GRAHAM
DATE PRINTED: 30-DEC-85

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	68	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	68	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au AV Gold Weight Average	68	0.01 PPM		
4	TestWt Au Test Weight -150	68	0.01 gms		
5	-150Wt Weight -150 Obtained	68	0.01 gms		
6	+150Wt Weight +150 Obtained	68	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	68	+150/-150	68	METALLICS +150/-150	68

REPORT COPIES TO: DAN INNES

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Geochemical Lab Report

REPORT: 015-4273 | PROJECT: 1422 | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4601		16.00	14.14	15.91	20.00	300.00	15.56
4602		1.20	1.34	1.20	20.00	305.00	2.69
4603		1.32	0.97	1.31	20.00	370.00	13.47
4604		17.00	58.87	17.59	20.00	350.00	4.96
4605		0.85	0.74	0.85	20.00	260.00	6.09
4606		13.20	58.08	14.21	20.00	345.00	7.92
4607		0.14	0.43	0.15	20.00	290.00	11.24
4608		0.20	0.15	0.20	20.00	310.00	4.94
4609		0.10	0.08	0.10	20.00	280.00	6.53
4610		0.13	0.07	0.13	20.00	330.00	6.19
4611		0.13	0.16	0.13	20.00	345.00	10.55
4612		0.15	0.07	0.15	20.00	310.00	1.12
4613		0.06	1.72	0.08	20.00	305.00	4.41
4614		0.23	0.13	0.23	20.00	300.00	1.84
4615		1.30	13.62	1.66	20.00	290.00	8.81
4616		8.00	167.92	11.66	20.00	285.00	6.67
4617		1.70	2.85	1.75	20.00	365.00	16.14
4618		0.80	1.27	0.81	20.00	355.00	6.32
4619		2.80	7.31	2.93	20.00	335.00	9.85
4620		1.30	6.09	1.35	20.00	300.00	3.45
4621		0.13	0.16	0.13	20.00	250.00	4.36
4624		0.40	0.70	0.40	20.00	240.00	1.84
4625		2.00	71.29	3.71	20.00	200.00	5.05
4626		0.10	0.11	0.10	20.00	225.00	4.56
4627		0.12	0.07	0.12	20.00	235.00	6.34
11446		0.05	<0.01	0.05	20.00	300.00	1.65
11447		0.02	0.02	0.02	20.00	255.00	11.56
11448		0.01	<0.01	0.01	20.00	265.00	2.72
11449		<0.01	<0.01	<0.01	20.00	285.00	14.51
11450		<0.01	<0.01	<0.01	20.00	265.00	10.58
11451		<0.01	<0.01	<0.01	20.00	230.00	13.41
11452		<0.01	<0.01	<0.01	20.00	200.00	1.37
11453		<0.01	<0.01	<0.01	20.00	300.00	16.31
11454		<0.01	<0.01	<0.01	20.00	235.00	4.44
11455		0.15	2.58	0.24	20.00	310.00	12.55
11456		0.01	<0.01	0.01	20.00	265.00	0.39
11457		<0.01	<0.01	<0.01	20.00	290.00	10.96
11458		0.07	0.10	0.07	20.00	295.00	2.41
11459		0.01	0.01	0.01	20.00	285.00	7.35
11460		0.02	<0.01	0.02	20.00	275.00	2.14

Hole 85-13

Note same #s as in hole 86-26. drilled in Jan.

up to #4

85-10

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Geochemical Lab Report

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PLE BER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
11461		0.07	0.16	0.08	20.00	335.00	31.55
11462		0.03	0.06	0.03	20.00	310.00	10.42
11463		0.03	0.02	0.03	20.00	315.00	8.70
11464		0.07	0.15	0.07	20.00	360.00	14.09
11465		0.02	0.01	0.02	20.00	310.00	10.00
11466		0.06	0.03	0.06	20.00	300.00	3.26
11467		0.02	<0.01	0.02	20.00	290.00	8.31
11468		0.11	0.04	0.11	20.00	330.00	11.32
11469		0.14	0.27	0.14	20.00	245.00	9.49
11470		<0.01	<0.01	<0.01	20.00	280.00	10.86
11471		<0.01	<0.01	<0.01	20.00	315.00	15.71
86551		<0.01	<0.01	<0.01	20.00	240.00	3.11
86552		0.15	0.37	0.15	20.00	300.00	5.38
86553		0.01	<0.01	0.01	20.00	300.00	2.26
86554		0.46	8.48	0.61	20.00	320.00	6.13
86555		0.12	0.15	0.12	20.00	255.00	2.01
86556		0.09	0.13	0.09	20.00	260.00	5.02
86557		0.21	0.24	0.21	20.00	285.00	1.43
86558		0.06	0.67	0.08	20.00	320.00	12.82
86559		0.19	0.26	0.19	20.00	345.00	11.04
86560		0.31	0.32	0.31	20.00	330.00	14.16
86561		0.26	0.25	0.26	20.00	320.00	51.12
86562		0.18	0.24	0.18	20.00	290.00	3.56
86563		9.20	4.58	9.10	20.00	305.00	6.55
86564		1.90	2.27	1.91	20.00	245.00	4.81
86565		0.50	0.33	0.50	20.00	245.00	3.53
86566		1.04	1.13	1.04	20.00	255.00	5.58
86567		9.20	12.47	9.25	20.00	235.00	4.01

85-10

85-13

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 015-4338 (COMPLETE)

REFERENCE INFO:

CLIENT: HIGHLAND CROW RESOURCES
PROJECT: 1422

SUBMITTED BY: B. GRAHAM
DATE PRINTED: 7-JAN-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	153	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	153	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au AV Gold Weight Average	153	0.01 PPM		
4	TestWt Au Test Weight -150	153	0.01 gms		
5	-150Wt Weight -150 Obtained	153	0.01 gms		
6	+150Wt Weight +150 Obtained	153	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	153	+150/-150	153	METALLICS +150/-150	154

REMARKS: < MEANS LESS THAN.

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 015-4338 | PROJECT: 1422 | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4501		0.14	0.05	0.14	20.00	275.00	1.94
4502		0.04	0.05	0.04	20.00	225.00	1.31
4503		<0.01	<0.01	<0.01	20.00	225.00	6.46
4504		<0.01	<0.01	<0.01	20.00	230.00	5.34
4505		<0.01	<0.01	<0.01	20.00	235.00	2.15
4506		<0.01	<0.01	<0.01	20.00	210.00	7.60
4507		1.50	7.23	1.55	20.00	240.00	2.21
4508		0.13	0.10	0.13	20.00	225.00	1.93
4509		0.01	0.01	0.01	20.00	265.00	3.97
4510		0.04	0.08	0.04	20.00	240.00	4.39
4511		0.12	0.11	0.12	20.00	230.00	2.29
4512		0.05	0.04	0.05	20.00	255.00	4.45
4513		0.07	<0.01	0.07	20.00	230.00	5.89
4514		<0.01	<0.01	<0.01	20.00	235.00	3.65
4515		0.01	<0.01	0.01	20.00	180.00	3.25
4516		0.07	0.03	0.07	20.00	220.00	5.82
4517		0.09	<0.01	0.09	20.00	260.00	3.66
4518		0.02	<0.01	0.02	20.00	200.00	4.67
4519		0.11	<0.01	0.11	20.00	220.00	7.57
4520		0.01	<0.01	0.01	20.00	260.00	7.25
4521		<0.01	<0.01	<0.01	20.00	220.00	4.32
4522		<0.01	0.03	<0.01	20.00	260.00	4.13
4523		<0.01	0.03	<0.01	20.00	240.00	5.38
4524		<0.01	<0.01	<0.01	20.00	225.00	4.43
4525		0.22	0.96	0.24	20.00	240.00	4.97
4526		<0.01	0.02	<0.01	20.00	215.00	4.58
4527		0.05	<0.01	0.05	20.00	245.00	4.50
4528		0.03	<0.01	0.03	20.00	300.00	7.59
4529		0.04	0.02	0.04	20.00	240.00	5.27
4530		0.15	0.06	0.15	20.00	220.00	4.96
4531		0.15	0.11	0.15	20.00	290.00	6.55
4532		0.07	0.04	0.07	20.00	300.00	4.71
4533		0.08	0.06	0.08	20.00	245.00	5.16
4534		1.24	2.67	1.27	20.00	285.00	6.35
4535		0.71	0.47	0.71	20.00	305.00	5.73
4536		1.34	0.72	1.34	20.00	300.00	4.31
4537		0.29	0.51	0.29	20.00	280.00	4.67
4538		5.19	39.56	5.74	20.00	280.00	4.55
4539		1.29	1.21	1.29	20.00	290.00	5.95
4540		1.19	4.65	1.25	20.00	265.00	4.94

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BONDAR-CLEGG

Geochemical
Lab Report

REPORT: 015-4338

PROJECT: 1422 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4541		0.19	0.07	0.19	20.00	265.00	4.81
4542		0.18	0.61	0.19	20.00	250.00	5.77
4543		0.06	0.02	0.06	20.00	235.00	5.78
4544		0.18	0.06	0.17	20.00	235.00	18.06
4628		0.02	<0.01	0.02	20.00	265.00	0.36
4629		0.02	<0.01	0.02	20.00	300.00	1.32
4630		0.02	<0.01	0.02	20.00	280.00	0.28
4631		<0.01	<0.01	<0.01	20.00	280.00	0.58
4632		0.17	0.40	0.17	20.00	330.00	2.83
4633		0.03	0.08	0.03	20.00	325.00	3.07
4634		0.04	<0.01	0.04	20.00	345.00	1.38
4635		0.50	0.89	0.51	20.00	300.00	5.83
4636		0.07	0.06	0.07	20.00	350.00	2.87
4637		0.24	2.68	0.27	20.00	345.00	4.02
4638		0.02	<0.01	0.02	20.00	350.00	2.68
4639		<0.01	<0.01	<0.01	20.00	235.00	0.17
4640		0.02	<0.01	0.02	20.00	195.00	0.21
4641		<0.01	<0.01	<0.01	20.00	240.00	0.51
4642		<0.01	<0.01	<0.01	20.00	200.00	0.16
4643		0.02	<0.01	0.02	20.00	225.00	1.03
4644		<0.01	<0.01	<0.01	20.00	220.00	0.67
4645		<0.01	<0.01	<0.01	20.00	335.00	4.51
4646		0.01	0.01	0.01	20.00	300.00	6.87
4647		0.26	2.09	0.27	20.00	285.00	1.95
4648		0.02	0.06	0.02	20.00	305.00	5.98
4649		0.03	<0.01	0.03	20.00	255.00	0.53
4650		0.04	140.00	0.08	20.00	190.00	0.06
4651		0.80	0.17	0.80	20.00	225.00	0.24
4652		0.01	0.01	0.01	20.00	295.00	3.76
4653		0.28	0.32	0.28	20.00	320.00	12.44
4654		<0.01	0.02	<0.01	20.00	290.00	3.32
4655		<0.01	<0.01	<0.01	20.00	270.00	0.68
4656		0.02	0.02	0.02	20.00	240.00	2.35
4657		0.02	0.04	0.02	20.00	275.00	1.59
4658		0.04	0.13	0.04	20.00	310.00	2.27
4659		0.22	0.22	0.22	20.00	250.00	7.05
4660		0.48	26.04	0.63	20.00	235.00	1.38
4661		0.95	1.41	0.96	20.00	280.00	4.25
4662		0.02	0.52	0.02	20.00	200.00	0.12
4663		<0.01	0.04	<0.01	20.00	245.00	1.04

85-12

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 015-4338

PROJECT: 1422 PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4664		<0.01	0.04	<0.01	20.00	235.00	0.97
4665		0.01	0.01	0.01	20.00	260.00	3.78
4666		0.02	0.06	0.02	20.00	235.00	1.61
4667		<0.01	0.03	<0.01	20.00	240.00	2.29
4668		0.04	0.70	0.05	20.00	300.00	2.65
4669		0.63	3.42	0.64	20.00	285.00	1.46
4670		0.03	0.04	0.03	20.00	345.00	3.87
4671		0.04	0.09	0.04	20.00	320.00	6.68
4672		<0.01	<0.01	<0.01	20.00	300.00	3.45
4673		0.02	<0.01	0.02	20.00	240.00	0.29
4674		0.01	<0.01	0.01	20.00	215.00	0.45
4675		<0.01	<0.01	<0.01	20.00	290.00	2.55
4676		<0.01	<0.01	<0.01	20.00	255.00	4.61
4677		<0.01	0.01	<0.01	20.00	275.00	5.79
4678		0.01	<0.01	0.01	20.00	235.00	1.82
4679		<0.01	<0.01	<0.01	20.00	230.00	1.45
4701		0.04	0.06	0.04	20.00	240.00	0.68
4702		0.03	0.29	0.03	20.00	225.00	0.21
4703		0.08	0.09	0.08	20.00	235.00	2.26
4704		0.06	0.15	0.06	20.00	240.00	6.98
4705		0.02	0.02	0.02	20.00	285.00	2.98
4706		0.04	0.18	0.04	20.00	345.00	3.30
4707		<0.01	0.03	<0.01	20.00	320.00	6.35
4708		0.04	0.09	0.04	20.00	325.00	6.29
4709		<0.01	0.01	<0.01	20.00	345.00	4.73
4710		0.05	0.19	0.05	20.00	310.00	2.72
4711		0.30	0.56	0.30	20.00	285.00	1.61
4712		0.07	<0.01	0.07	20.00	235.00	0.20
4713		0.42	11.05	0.47	20.00	255.00	1.18
4714		0.19	0.24	0.19	20.00	260.00	2.46
4715		1.05	2.86	1.07	20.00	255.00	2.30
4716		3.00	23.36	3.13	20.00	235.00	1.54
4717		0.02	0.04	0.02	20.00	305.00	8.23
4718		0.03	<0.01	0.03	20.00	200.00	0.20
4719		<0.01	<0.01	<0.01	20.00	225.00	1.40
4720		0.01	<0.01	0.01	20.00	215.00	0.76
4721		0.17	0.45	0.17	20.00	230.00	0.88
4722		0.32	0.96	0.32	20.00	235.00	0.52
4723		<0.01	<0.01	<0.01	20.00	225.00	0.26
4724		3.40	36.78	3.58	20.00	270.00	1.47

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 015-4338

PROJECT: 1422 PAGE 4

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4725		0.36	17.14	0.45	20.00	290.00	1.58
4726		0.13	0.35	0.13	20.00	255.00	2.17
4727		0.55	0.54	0.55	20.00	300.00	1.98
4728		0.09	0.11	0.09	20.00	270.00	3.91
4729		1.30	7.44	1.34	20.00	260.00	1.61
4730		0.07	0.17	0.07	20.00	265.00	11.90
4731		4.00	7.24	4.33	20.00	235.00	26.23
4732		0.14	0.26	0.15	20.00	210.00	21.58
4733		<0.01	<0.01	<0.01	20.00	245.00	25.11
4734		0.02	0.03	0.02	20.00	300.00	3.72
4735		0.09	0.11	0.09	20.00	270.00	0.55
4736		0.05	0.04	0.05	20.00	285.00	1.53
4737		0.12	<0.01	0.12	20.00	315.00	4.79
4738		0.19	2.13	0.20	20.00	275.00	0.82
4739		0.02	0.17	0.02	20.00	240.00	0.63
4740		0.11	0.06	0.11	20.00	240.00	0.62
4741		1.20	3.13	1.20	20.00	260.00	0.48
4742		1.90	8.80	1.99	20.00	325.00	4.20
4743		0.15	0.26	0.15	20.00	265.00	0.76
4744		0.24	0.62	0.24	20.00	255.00	0.90
4745		0.13	0.20	0.13	20.00	235.00	0.29
4746		0.04	0.03	0.04	20.00	275.00	2.96
4747		0.14	7.84	0.16	20.00	255.00	0.80
4748		0.64	1.53	0.69	20.00	245.00	15.72
4749		0.03	0.38	0.05	20.00	290.00	16.16
4750		0.06	0.31	0.07	20.00	285.00	15.57
4751		0.04	0.07	0.04	20.00	275.00	16.11
4752		0.20	0.28	0.20	20.00	235.00	18.02
4753		19.00	22.14	19.20	20.00	235.00	16.26
4754		0.34	55.46	2.22	20.00	225.00	7.93
4755		0.16	0.22	0.16	20.00	250.00	26.04
4756		0.05	0.03	0.05	20.00	240.00	16.90
4757		16.60	0.35	14.83	20.00	255.00	31.22

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BONDAR-CLEGG

Geochemical Lab Report

EPORT: 016-0164 (COMPLETE)

REFERENCE INFO:

LIENT: HIGHLAND CROW RESOURCES
ROJECT: 1422

SUBMITTED BY: R. GRAHAM
DATE PRINTED: 31-JAN-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	140	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	138	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au AV Gold Weight Average	140	0.01 PPM		
4	TestWt Au Test Weight -150	140	0.01 gms		
5	-150Wt Weight -150 Obtained	140	0.01 gms		
6	+150Wt Weight +150 Obtained	138	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	140	+150/-150	140	CRUSHING	140

REMARKS: < MEANS LESS THAN

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Geochemical Lab Report

EPORT: 016-0164

PROJECT: 1422 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4651		0.35	0.20	0.35	20.00	285.00	1.80
4652		1.24	2.34	1.25	20.00	295.00	1.35
4653		0.59	0.50	0.59	20.00	265.00	0.72
4654		0.09	0.42	0.09	20.00	325.00	1.34
4655		0.17	0.42	0.17	20.00	295.00	4.06
4656		<0.01	0.02	<0.01	20.00	275.00	5.54
4657		0.03	0.05	0.03	20.00	275.00	4.64
4658		<0.01	0.03	<0.01	20.00	285.00	4.00
4659		0.01	0.02	0.01	20.00	310.00	2.42
4660		0.01	<0.01	0.01	20.00	235.00	0.05
4661		<0.01	<0.01	<0.01	20.00	225.00	0.18
4662		0.15	<0.01	<0.01	20.00	240.00	3.48
4663		<0.01	0.01	<0.01	20.00	310.00	12.30
4664		<0.01	0.01	<0.01	20.00	250.00	8.76
4665		0.06	0.03	0.06	20.00	230.00	8.09
4666		0.01	0.04	0.01	20.00	260.00	4.96
4667		0.02	0.02	0.02	20.00	245.00	6.31
4668		0.06	0.04	0.06	20.00	255.00	4.35
4669		1.46	14.68	1.58	20.00	245.00	2.18
4670		0.12	0.23	0.12	20.00	255.00	8.95
4671		0.08	0.08	0.08	20.00	240.00	6.96
4672		0.13	0.29	0.14	20.00	240.00	15.14
4673		0.14	0.17	0.14	20.00	255.00	16.66
4674		0.01	0.04	0.01	20.00	270.00	9.84
4675		0.05	0.06	0.05	20.00	220.00	9.74
4676		0.02	0.03	0.02	20.00	245.00	19.49
4677		3.94	38.78	5.17	20.00	260.00	9.53
4678		0.19	0.13	0.19	20.00	225.00	10.53
4679		0.07	0.06	0.07	20.00	250.00	16.69
4680		0.01	<0.01	0.01	20.00	260.00	6.76
4681		0.03	0.03	0.03	20.00	270.00	8.11
4682		0.14	0.16	0.14	20.00	285.00	5.81
4683		1.39	3.60	1.46	20.00	260.00	7.96
4684		1.61	2.56	1.63	20.00	265.00	5.68
4685		2.69	2.23	2.68	20.00	255.00	2.91
4686		0.58	0.52	0.58	20.00	275.00	6.69
4687		1.40	2.50	1.43	20.00	295.00	9.36
4688		0.08	0.28	0.08	20.00	310.00	7.46
4689		0.38	0.32	0.38	20.00	300.00	7.69
4690		0.15	0.18	0.15	20.00	285.00	8.14

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Geochemical Lab Report

REPORT: 016-0164 | PROJECT: 1422 | PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPB	Au+150 PPB	Au AV PPB	TestWt gms	-150Wt gms	+150Wt gms
4691		0.17	0.16	0.17	20.00	215.00	7.07
4692		0.18	0.20	0.18	20.00	280.00	6.56
4693		0.54	1.70	0.57	20.00	255.00	7.80
4694		0.20	0.15	0.20	20.00	255.00	10.25
4695		0.16	0.11	0.16	20.00	260.00	7.08
4696		0.05	0.02	0.05	20.00	225.00	11.98
4697		5.44	33.21	6.10	20.00	270.00	6.60
4698		0.09	0.60	0.10	20.00	230.00	3.94
4699		0.04	0.02	0.04	20.00	285.00	3.76
4700		0.04	0.06	0.04	20.00	290.00	5.34
4701		0.73	0.79	0.73	20.00	210.00	1.82
4702		0.04	0.01	0.04	20.00	250.00	2.70
4703		0.39	0.52	0.39	20.00	250.00	7.09
4704		0.21	0.21	0.21	20.00	290.00	5.70
4705		0.03	<0.01	0.03	20.00	260.00	3.45
4706		0.10	0.03	0.10	20.00	260.00	3.57
4707		0.15	129.66	1.05	20.00	250.00	1.74
4708		0.63	37.40	0.79	20.00	235.00	1.03
4709		0.01	0.04	0.01	20.00	250.00	3.20
4710		0.26	0.88	0.27	20.00	270.00	5.74
4711		2.29	5.99	2.34	20.00	260.00	3.27
4712		1.37	21.85	1.79	20.00	250.00	5.24
4713		0.52	3.92	0.56	20.00	225.00	2.80
4714		1.43	2.88	1.45	20.00	250.00	3.44
4715		0.16	0.30	0.16	20.00	255.00	1.64
4716		0.55	0.20	0.53	20.00	195.00	11.48
4717		0.51	1.17	0.52	20.00	195.00	3.42
4718		1.46	0.59	1.44	20.00	235.00	4.50
4719		0.24	0.10	0.24	20.00	210.00	5.71
4720		2.64	21.22	2.83	20.00	240.00	2.54
4721		0.08	0.20	0.08	20.00	260.00	3.76
4722		0.44	7.42	0.54	20.00	260.00	3.71
4723		0.12	1.67	0.16	20.00	170.00	4.39
4724		0.01	0.10	0.01	20.00	215.00	1.95
4725		0.01	0.02	0.01	20.00	210.00	3.99
4726		0.36	0.54	0.36	20.00	235.00	6.00
4727		0.02	0.10	0.02	20.00	185.00	0.96
4728		0.08	0.17	0.08	20.00	255.00	1.93
4729		1.36	5.92	1.40	20.00	195.00	1.54
4730		0.18	0.18	0.18	20.00	265.00	2.41

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Geochemical Lab Report

EPORT: 016-0164 | PROJECT: 1422 | PAGE 3

AMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4731		0.04	0.07	0.04	20.00	210.00	2.30
4732		0.25	0.38	0.25	20.00	310.00	5.16
4733		0.10	0.19	0.10	20.00	330.00	4.56
4734		0.01	0.03	0.01	20.00	305.00	4.68
4735		1.06	1.33	1.07	20.00	310.00	7.96
4736		0.11	0.20	0.11	20.00	295.00	2.93
4737		0.04	0.08	0.04	20.00	300.00	6.91
4738		0.02	0.03	0.02	20.00	335.00	4.38
4739		0.41	1.57	0.43	20.00	320.00	6.54
4740		0.26	0.31	0.26	20.00	290.00	6.99
4741		0.70	1.72	0.72	20.00	310.00	5.83
4742		0.02	0.04	0.02	20.00	330.00	6.23
4743		0.35	1.75	0.37	20.00	340.00	4.49
4744		0.08	0.15	0.08	20.00	340.00	5.27
4745		0.08	0.09	0.08	20.00	310.00	3.05
4746		0.08	0.06	0.08	20.00	320.00	6.67
4747		0.11	0.03	0.11	20.00	295.00	1.15
4748		0.09	0.21	0.09	20.00	315.00	4.50
4749		0.01	<0.01	0.01	20.00	320.00	4.64
4750		0.02	0.04	0.02	20.00	320.00	4.98
4751		<0.01	<0.01	<0.01	20.00	290.00	6.25
4752		<0.01	0.01	<0.01	20.00	310.00	3.49
4753		0.05	<0.01	0.05	20.00	340.00	0.35
4754		0.37	0.27	0.37	20.00	310.00	0.22
4755		<0.01	1.80	<0.01	20.00	295.00	0.10
4756		0.07	<0.01	0.07	20.00	290.00	0.09
4757		0.14	<0.01	0.14	20.00	305.00	0.20
4758		2.29	93.30	2.37	20.00	290.00	0.26
4759		0.80	0.01	0.80	20.00	310.00	0.13
4760		4.44	166.26	4.56	20.00	315.00	0.23
4761		1.80	230.53	2.46	20.00	325.00	0.94
4762		1.67	110.05	1.79	20.00	300.00	0.34
4763		2.08	21.25	2.14	20.00	305.00	0.96
4764		2.44	320.87	2.91	20.00	310.00	0.46
4765		0.46	0.21	0.46	20.00	330.00	0.38
4766		8.74	159.40	8.81	20.00	340.00	0.15
4767		10.39	204.33	11.42	20.00	325.00	1.73
4768		1.86	127.17	2.33	20.00	345.00	1.31
4769		0.12	4.12	0.16	20.00	350.00	3.28
4770		0.73	11.53	0.78	20.00	345.00	1.56

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Geochemical Lab Report

PORT: 016-0164 | PROJECT: 1422 | PAGE 4

MPLE MBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4771		0.13	0.13	0.13	20.00	325.00	4.56
4772		0.07	0.09	0.07	20.00	335.00	2.08
4773		1.86	12.46	1.96	20.00	305.00	3.02
4774		0.14	0.25	0.14	20.00	285.00	1.03
4775		0.20		0.20	20.00	330.00	
4776		2.84	261.55	3.69	20.00	330.00	1.09
4777		0.54	2.84	0.56	20.00	315.00	2.51
4778		0.29	0.19	0.29	20.00	310.00	3.88
4779		0.63	0.38	0.63	20.00	310.00	3.84
4780		5.14	142.44	5.74	20.00	310.00	1.35
4781		0.47	0.39	0.47	20.00	320.00	1.02
4782		0.11	0.11	0.11	20.00	290.00	2.92
4783		0.02	<0.01	0.02	20.00	230.00	4.54
4784		0.05	0.01	0.05	20.00	230.00	6.58
4785		0.03	0.03	0.03	20.00	245.00	7.72
4786		0.08	0.31	0.08	20.00	265.00	2.20
4787		0.11	0.20	0.11	20.00	325.00	2.11
4788		0.20	1.90	0.21	20.00	300.00	1.75
4789		0.18	2.83	0.20	20.00	315.00	2.23
NO NUMBER		0.05		0.05	20.00	240.00	

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BONDAR-CLEGG

Geochemical Lab Report

EPORT: 016-0250 (COMPLETE)

REFERENCE INFO:

LIENT: HIGHLAND CROW RESOURCES
ROJECT: 1422

SUBMITTED BY: R. GRAHAM
DATE PRINTED: 31-JAN-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	100	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	100	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au AV Gold Weight Average	100	0.01 PPM		
4	TestWt Au Test Weight -150	100	0.01 gms		
5	-150Wt Weight -150 Obtained	100	0.01 gms		
6	+150Wt Weight +150 Obtained	100	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	100	+150/-150	100	METALLICS +150/-150	100

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Geochemical Lab Report

REPORT: 016-0250 | PROJECT: 1422 | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4790		0.04	0.16	0.04	20.00	275.00	1.25
4791		0.03	0.12	0.03	20.00	260.00	5.11
4792		0.02	0.04	0.02	20.00	295.00	4.09
4793		0.15	3.00	0.19	20.00	275.00	3.56
4794		0.75	1.88	0.77	20.00	265.00	3.60
4795		0.57	1.82	0.58	20.00	260.00	2.82
4796		0.19	1.00	0.20	20.00	255.00	3.88
4797		0.02	0.07	0.02	20.00	165.00	12.62
4798		<0.01	<0.01	<0.01	20.00	195.00	18.26
4799		1.19	5.38	1.39	20.00	220.00	11.16
4800		9.31	29.68	11.32	20.00	220.00	24.11
4801		1.69	2.38	1.71	20.00	255.00	5.80
4802		0.10	0.16	0.10	20.00	255.00	6.07
4803		0.76	0.52	0.75	20.00	265.00	12.65
4804		0.31	0.52	0.32	20.00	270.00	7.20
4805		0.78	0.34	0.76	20.00	250.00	12.61
4806		0.26	0.23	0.26	20.00	270.00	11.53
4807		0.56	0.21	0.55	20.00	255.00	8.98
4808		0.57	0.11	0.56	20.00	235.00	3.55
4809		0.05	0.05	0.05	20.00	255.00	3.72
4810		0.02	0.02	0.02	20.00	265.00	6.42
4811		1.16	6.62	1.37	20.00	240.00	9.45
4812		2.29	4.37	2.41	20.00	255.00	14.99
4813		4.04	12.41	4.58	20.00	280.00	19.44
4814		7.59	25.22	9.72	20.00	225.00	30.87
4815		2.86	7.87	3.22	20.00	240.00	18.42
4816		0.39	0.24	0.38	20.00	235.00	8.38
4817		2.81	3.72	2.88	20.00	235.00	19.68
4818		1.48	4.67	1.75	20.00	220.00	20.47
4819		0.94	2.32	0.99	20.00	245.00	8.80
4820		0.05	0.08	0.05	20.00	240.00	12.69
4821		1.20	11.15	1.59	20.00	250.00	10.24
4822		1.25	8.26	1.50	20.00	260.00	9.76
4823		0.27	0.87	0.27	20.00	260.00	0.60
4824		0.06	8.80	0.09	20.00	260.00	0.87
4825		0.31	0.83	0.31	20.00	265.00	2.14
4826		0.29	16.50	0.32	20.00	270.00	0.52
4827		0.09	0.13	0.09	20.00	260.00	1.20
4828		0.57	3.11	0.59	20.00	250.00	1.95
4829		0.05	0.18	0.05	20.00	255.00	0.88

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Geochemical Lab Report

REPORT: 016-0250 | PROJECT: 1422 | PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4870		0.16	0.40	0.18	20.00	250.00	24.12
4871		0.04	0.18	0.05	20.00	260.00	10.70
4872		0.17	0.44	0.18	20.00	245.00	5.47
4873		1.01	2.10	1.05	20.00	255.00	9.22
4874		0.02	0.01	0.02	20.00	255.00	11.63
4875		<0.01	<0.01	<0.01	20.00	270.00	18.08
4876		0.13	0.15	0.13	20.00	265.00	24.68
4877		0.03	0.06	0.03	20.00	250.00	13.52
4878		0.08	0.10	0.08	20.00	280.00	26.97
4879		0.06	0.05	0.06	20.00	265.00	21.13
4880		0.06	0.09	0.06	20.00	255.00	16.16
4881		0.86	1.76	0.90	20.00	240.00	11.06
4882		0.08	0.12	0.08	20.00	255.00	18.16
4883		3.65	8.43	4.07	20.00	220.00	21.10
4884		0.86	0.81	0.86	20.00	265.00	26.69
4885		1.05	1.10	1.05	20.00	245.00	21.83
4886		1.99	1.85	1.98	20.00	245.00	24.77
4887		0.03	0.04	0.03	20.00	80.00	1.71
4888		4.71	15.80	5.82	20.00	220.00	24.54
4889		0.12	0.62	0.15	20.00	245.00	14.42

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Geochemical Lab Report

REPORT: 016-0250 | PROJECT: 1422 | PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4830		0.03	0.11	0.03	20.00	260.00	2.92
4831		0.70	32.08	0.94	20.00	260.00	1.97
4832		<0.01	0.05	<0.01	20.00	260.00	1.21
4833		0.02	0.05	0.02	20.00	260.00	1.31
4834		0.03	0.04	0.03	20.00	275.00	2.71
4835		0.14	0.24	0.14	20.00	255.00	0.74
4836		0.09	0.20	0.09	20.00	250.00	2.90
4837		0.98	1.78	0.99	20.00	265.00	4.32
4838		<0.01	<0.01	<0.01	20.00	250.00	2.37
4839		<0.01	0.01	<0.01	20.00	260.00	1.74
4840		0.39	2.50	0.42	20.00	275.00	3.34
4841		0.01	<0.01	0.01	20.00	240.00	4.52
4842		3.42	46.81	4.33	20.00	260.00	5.55
4843		0.97	22.34	1.50	20.00	250.00	6.40
4844		<0.01	0.01	<0.01	20.00	300.00	10.72
4845		7.13	78.35	8.52	20.00	255.00	5.09
4846		2.37	9.04	2.61	20.00	285.00	10.66
4847		1.99	5.73	2.05	20.00	235.00	3.59
4848		0.02	0.02	0.02	20.00	255.00	16.59
4849		0.01	<0.01	0.01	20.00	220.00	12.31
4850		0.03	0.02	0.03	20.00	210.00	11.04
4851		0.31	0.43	0.32	20.00	260.00	13.68
4852		1.33	0.46	1.29	20.00	250.00	13.26
4853		0.01	<0.01	0.01	20.00	215.00	13.85
4854		0.99	0.61	0.97	20.00	235.00	15.03
4855		2.01	1.23	1.96	20.00	230.00	15.32
4856		0.52	0.15	0.50	20.00	205.00	10.76
4857		0.67	0.31	0.63	20.00	195.00	27.58
4858		0.61	9.51	1.15	20.00	260.00	16.84
4859		0.01	0.03	0.01	20.00	240.00	17.30
4860		0.89	0.47	0.83	20.00	180.00	31.86
4861		1.56	29.98	3.02	20.00	240.00	13.01
4862		0.76	1.30	0.79	20.00	250.00	14.51
4863		0.13	0.24	0.13	20.00	270.00	9.58
4864		0.04	0.12	0.04	20.00	245.00	10.51
4865		0.04	0.22	0.05	20.00	265.00	11.00
4866		0.05	0.04	0.05	20.00	270.00	10.24
4867		0.05	0.08	0.05	20.00	235.00	14.63
4868		0.15	0.20	0.15	20.00	250.00	11.07
4869		<0.01	<0.01	<0.01	20.00	255.00	11.79

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Geochemical Lab Report

REPORT: 016-0251 (COMPLETE)

REFERENCE INFO:

CLIENT: HIGHLAND CROW RESOURCES
PROJECT: 1422

SUBMITTED BY: R. GRAHAM
DATE PRINTED: 4-FEB-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	98	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	98	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au AV Gold Weight Average	98	0.01 PPM		
4	TestWt Au Test Weight -150	98	0.01 gms		
5	-150Wt Weight -150 Obtained	98	0.01 gms		
6	+150Wt Weight +150 Obtained	98	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	98	+150/-150	98	METALLICS +150/-150	98

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Geochemical Lab Report

REPORT: 016-0251 | PROJECT: 1422 | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4890		0.53	8.46	0.62	20.00	240.00	2.68
4891		0.02	0.03	0.02	20.00	180.00	6.10
4892		0.63	0.61	0.63	20.00	200.00	6.68
4893		0.10	0.32	0.10	20.00	215.00	0.13
4894		0.03	0.02	0.03	20.00	230.00	3.67
4895		0.01	<0.01	0.01	20.00	195.00	0.69
4896		1.68	7.34	1.73	20.00	240.00	1.99
4897		0.01	0.03	0.01	20.00	220.00	0.68
4898		0.48	0.38	0.48	20.00	200.00	2.06
4899		0.05	0.09	0.05	20.00	190.00	0.94
4900		0.20	0.07	0.20	20.00	230.00	1.42
4901		0.10	0.13	0.10	20.00	215.00	1.86
4902		0.34	0.21	0.34	20.00	235.00	1.76
4903		0.18	0.26	0.18	20.00	215.00	1.52
4904		1.20	14.26	1.27	20.00	225.00	1.21
4905		0.25	0.16	0.25	20.00	205.00	1.37
4906		1.21	31.19	1.29	20.00	205.00	0.52
4907		0.58	0.34	0.58	20.00	250.00	0.47
4908		0.81	0.32	0.81	20.00	235.00	1.24
4909		2.53	1.79	2.53	20.00	190.00	0.39
4910		0.18	0.19	0.18	20.00	205.00	0.32
4911		0.37	0.19	0.37	20.00	225.00	1.83
4912		0.03	0.04	0.03	20.00	215.00	2.30
4913		0.04	0.04	0.04	20.00	180.00	2.27
4914		3.02	25.76	3.13	20.00	215.00	1.01
4915		0.09	0.10	0.09	20.00	225.00	1.05
4916		1.22	5.22	1.26	20.00	205.00	2.13
4917		1.62	0.99	1.61	20.00	185.00	2.21
4918		1.98	11.93	2.17	20.00	250.00	4.93
4919		4.43	32.39	4.52	20.00	190.00	0.62
4920		0.42	0.96	0.42	20.00	255.00	3.87
4921		0.03	0.09	0.03	20.00	205.00	1.79
4922		0.82	1.05	0.82	20.00	250.00	4.21
4923		0.19	0.18	0.19	20.00	240.00	4.57
4924		0.55	0.64	0.55	20.00	260.00	8.70
4925		0.08	0.22	0.08	20.00	265.00	1.16
4926		0.29	0.21	0.29	20.00	240.00	0.77
4927		0.15	0.20	0.15	20.00	240.00	0.92
4928		0.68	14.04	0.85	20.00	210.00	2.68
4929		0.54	5.58	0.62	20.00	260.00	4.29

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Geochemical Lab Report

REPORT: 016-0251 | PROJECT: 1422 | PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4930		0.13	0.19	0.13	20.00	205.00	1.51
4931		1.95	0.08	1.91	20.00	250.00	5.15
4932		0.11	0.19	0.11	20.00	245.00	3.07
4933		0.89	2.57	0.90	20.00	250.00	1.97
4934		2.94	18.45	3.10	20.00	270.00	2.83
4935		0.52	0.23	0.52	20.00	195.00	0.60
4936		5.42	340.00	6.78	20.00	265.00	1.08
4937		0.36	0.25	0.36	20.00	230.00	4.56
4938		3.06	9.94	3.19	20.00	265.00	5.23
4939		0.08	0.06	0.08	20.00	235.00	5.65
4940		2.56	68.16	3.45	20.00	270.00	3.70
4941		3.01	5.80	3.11	20.00	265.00	10.36
4942		0.51	1.26	0.52	20.00	275.00	4.07
4943		0.13	1.32	0.15	20.00	240.00	3.82
4944		0.02	<0.01	0.02	20.00	285.00	3.28
4945		0.36	0.18	0.36	20.00	245.00	1.25
4946		0.44	1.07	0.45	20.00	310.00	6.23
4947		0.22	0.15	0.22	20.00	235.00	9.92
4948		0.27	2.00	0.28	20.00	240.00	2.02
4949		0.37	5.49	0.43	20.00	225.00	2.77
4950		0.04	0.09	0.04	20.00	225.00	2.32
4951		0.03	<0.01	0.03	20.00	200.00	9.73
4952		0.09	0.12	0.09	20.00	240.00	1.19
4953		0.61	13.51	0.67	20.00	185.00	0.94
4954		0.11	10.76	0.62	20.00	220.00	11.09
4955		1.99	15.13	2.24	20.00	240.00	4.56
4956		0.08	0.02	0.08	20.00	235.00	2.27
4957		0.08	0.25	0.09	20.00	245.00	17.78
4958		0.14	2.23	0.22	20.00	215.00	8.65
4959		<0.01	<0.01	<0.01	20.00	200.00	2.00
4960		<0.01	<0.01	<0.01	20.00	260.00	8.34
4961		<0.01	<0.01	<0.01	20.00	245.00	5.68
4962		0.04	0.24	0.05	20.00	245.00	7.73
4963		0.19	0.44	0.20	20.00	250.00	10.56
4964		0.06	0.61	0.08	20.00	250.00	9.00
4965		0.10	0.16	0.10	20.00	220.00	12.88
4966		7.31	13.44	7.64	20.00	220.00	12.32
4967		0.28	0.73	0.31	20.00	250.00	17.55
4968		0.24	0.22	0.24	20.00	270.00	26.42
4969		0.41	1.06	0.45	20.00	250.00	16.16

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Geochemical Lab Report

REPORT: 016-0251 | PROJECT: 1422 | PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4970		0.10	1.55	0.16	20.00	205.00	9.56
4971		0.02	0.03	0.02	20.00	200.00	10.69
4972		0.03	0.04	0.03	20.00	185.00	4.18
4973		1.30	4.00	1.49	20.00	240.00	18.13
4974		2.71	11.98	2.99	20.00	195.00	6.01
4975		0.96	2.42	1.01	20.00	225.00	7.69
4976		1.13	6.33	1.28	20.00	230.00	6.94
4977		4.21	9.44	4.44	20.00	225.00	10.56
4978		1.09	9.02	1.32	20.00	180.00	5.40
4979		1.02	1.33	1.03	20.00	260.00	7.55
4980		1.77	4.09	1.84	20.00	200.00	6.45
4981		0.07	0.06	0.07	20.00	195.00	5.45
4982		0.20	0.32	0.21	20.00	210.00	9.30
4983		0.12	0.42	0.13	20.00	255.00	6.50
4984		0.04	0.07	0.04	20.00	190.00	4.98
4985		0.39	0.31	0.39	20.00	190.00	19.52
4986		1.72	2.57	1.80	20.00	195.00	21.62
4987		0.93	1.46	0.95	20.00	210.00	9.61

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Geochemical Lab Report

RT: 016-0311 (COMPLETE)

REFERENCE INFO:

ENT: HIGHLAND CROW RESOURCES
JECT: 1422

SUBMITTED BY: B. GRAHAM
DATE PRINTED: 5-FEB-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	103	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	103	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au AV Gold Weight Average	103	0.01 PPM		
4	TestWt Au Test Weight -150	103	0.01 gms		
5	-150Wt Weight -150 Obtained	103	0.01 gms		
6	+150Wt Weight +150 Obtained	103	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	103	+150/-150	103	METALLICS +150/-150	103

REMARKS: < MEANS LESS THAN
SAMPLE NO. 4994 WAS LISTED BUT NOT REC'D.
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Geochemical Lab Report

ORT: 016-0311 (COMPLETE)

REFERENCE INFO:

LIENT: HIGHLAND CROW RESOURCES
ROJECT: 1422

SUBMITTED BY: B. GRAHAM
DATE PRINTED: 5-FEB-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	103	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	103	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au AV Gold Weight Average	103	0.01 PPM		
4	TestWt Au Test Weight -150	103	0.01 gms		
5	-150Wt Weight -150 Obtained	103	0.01 gms		
6	+150Wt Weight +150 Obtained	103	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	103	+150/-150	103	METALLICS +150/-150	103

REMARKS: < MEANS LESS THAN
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Geochemical Lab Report

REPORT: 016-0311 | PROJECT: 1422 | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4988		0.01	<0.01	0.01	20.00	260.00	3.10
4989		0.02	0.02	0.02	20.00	240.00	3.97
4990		<0.01	<0.01	<0.01	20.00	255.00	4.58
4991		0.02	0.01	0.02	20.00	270.00	2.86
4992		<0.01	<0.01	<0.01	20.00	275.00	6.21
4993		0.10	1.90	0.13	20.00	275.00	5.25
4995		<0.01	<0.01	<0.01	20.00	265.00	5.15
4996		<0.01	<0.01	<0.01	20.00	255.00	8.02
4997		0.02	<0.01	0.02	20.00	220.00	9.39
4998		0.14	0.19	0.14	20.00	285.00	5.65
4999		0.08	0.07	0.08	20.00	225.00	6.80
5000		0.10	1.46	0.12	20.00	235.00	3.56
5001		1.24	7.54	1.41	20.00	255.00	6.90
5002		0.43	4.39	0.55	20.00	270.00	8.65
5003		1.40	220.06	7.46	20.00	255.00	7.27
5004		10.60	16.35	10.75	20.00	260.00	7.34
5005		2.00	7.94	2.12	20.00	255.00	5.04
5006		0.44	3.84	0.61	20.00	255.00	13.03
5007		1.90	1.93	1.90	20.00	255.00	7.35
5008		0.19	0.58	0.20	20.00	280.00	7.12
5009		0.80	3.36	0.83	20.00	265.00	2.98
5010		0.13	1.31	0.21	20.00	230.00	17.19
5011		3.65	34.23	4.21	20.00	240.00	4.44
5012		0.36	5.70	0.44	20.00	265.00	3.86
5013		0.78	57.60	2.27	20.00	285.00	7.68
[illegible]		2.05	30.25	2.47	20.00	250.00	7.93
5015		0.43	0.22	0.43	20.00	300.00	5.20
5016		0.08	1.03	0.10	20.00	275.00	6.79
5017		0.14	0.26	0.14	20.00	300.00	5.44
5018		0.75	1.25	0.76	20.00	355.00	9.85
5019		6.60	32.79	7.31	20.00	285.00	7.93
5020		0.06	0.07	0.06	20.00	250.00	7.49
5021		0.85	6.36	0.96	20.00	270.00	5.28
5022		2.90	7.48	2.99	20.00	280.00	5.88
5023		0.90	1.81	0.90	20.00	310.00	8.54
5024		1.05	2.71	1.10	20.00	350.00	10.63
5025		0.30	0.21	0.30	20.00	285.00	6.14
5026		0.10	0.19	0.10	20.00	295.00	9.10
5027		0.01	0.01	0.01	20.00	260.00	5.87
5028		0.04	0.05	0.04	20.00	270.00	3.47

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-0311 | PROJECT: 1422 | PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
5029		0.04	0.04	0.04	20.00	285.00	8.26
5030		0.06	0.12	0.06	20.00	285.00	6.76
5031		1.35	2.72	1.39	20.00	280.00	8.91
5032		0.03	0.04	0.03	20.00	295.00	8.74
5033		0.08	<0.01	0.08	20.00	275.00	8.44
5034		0.01	<0.01	0.01	20.00	260.00	8.05
5035		0.01	<0.01	0.01	20.00	250.00	6.29
5036		0.02	0.01	0.02	20.00	220.00	8.41
5037		<0.01	0.01	<0.01	20.00	280.00	9.70
5038		0.02	<0.01	0.02	20.00	265.00	9.08
5039		0.02	0.02	0.02	20.00	285.00	9.74
5040		<0.01	<0.01	<0.01	20.00	280.00	9.01
5041		<0.01	0.02	<0.01	20.00	270.00	6.81
5042		<0.01	0.02	<0.01	20.00	245.00	5.65
5043		0.13	0.39	0.14	20.00	270.00	7.80
5044		0.01	0.01	0.01	20.00	260.00	6.69
5045		<0.01	0.01	<0.01	20.00	260.00	9.49
5046		<0.01	<0.01	<0.01	20.00	260.00	6.04
5047		0.05	0.05	0.05	20.00	250.00	7.92
5048		0.02	0.06	0.02	20.00	265.00	5.35
5049		0.32	0.14	0.32	20.00	275.00	2.07
5050		<0.01	0.01	<0.01	20.00	290.00	2.79
5051		15.00	667.87	19.15	20.00	865.00	5.54
5052		0.10	0.07	0.10	20.00	240.00	6.69
5053		1.43	1.07	1.42	20.00	255.00	6.75
5054		0.07	0.05	0.07	20.00	255.00	7.87
5055		0.15	0.13	0.15	20.00	235.00	12.34
5056		0.40	1.36	0.43	20.00	270.00	7.73
5057		0.03	0.03	0.03	20.00	265.00	6.20
5058		0.03	0.03	0.03	20.00	270.00	10.58
5059		0.28	0.45	0.29	20.00	245.00	11.13
5060		0.01	<0.01	0.01	20.00	245.00	5.93
5061		0.02	0.02	0.02	20.00	280.00	2.49
5062		0.20	0.43	0.20	20.00	330.00	6.56
5063		0.35	1.00	0.36	20.00	275.00	2.47
5064		0.13	0.19	0.13	20.00	325.00	6.27
5065		0.04	0.03	0.04	20.00	290.00	3.74
5066		0.29	0.07	0.29	20.00	385.00	4.05
5067		0.06	0.02	0.06	20.00	275.00	2.43
5068		1.04	56.05	1.63	20.00	290.00	3.14

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BONDAR-CLEGG

Geochemical Lab Report

CLIENT: 016-0311

PROJECT: 1422 PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
5069		0.16	30.17	0.39	20.00	300.00	2.32
5070		0.32	25.97	0.60	20.00	275.00	3.08
5071		0.05	0.08	0.05	20.00	275.00	1.80
5072		0.03	0.02	0.03	20.00	285.00	5.05
5073		0.44	0.72	0.45	20.00	305.00	6.42
5078		0.02	0.04	0.02	20.00	285.00	6.76
5079		0.13	0.28	0.13	20.00	290.00	4.59
5080		0.02	<0.01	0.02	20.00	270.00	1.64
5081		0.02	0.02	0.02	20.00	245.00	5.19
5082		<0.01	0.01	<0.01	20.00	240.00	4.09
5083		0.02	<0.01	0.02	20.00	270.00	4.00
5084		0.17	1.32	0.18	20.00	290.00	2.54
5085		<0.01	<0.01	<0.01	20.00	265.00	3.23
5086		0.03	0.09	0.03	20.00	280.00	2.68
5087		0.15	0.06	0.15	20.00	290.00	1.97
5088		<0.01	0.01	<0.01	20.00	245.00	4.86
5089		0.03	<0.01	0.03	20.00	280.00	2.06
5090		0.10	0.76	0.10	20.00	275.00	2.06
5091		0.01	0.05	0.01	20.00	285.00	1.76
5092		0.03	0.11	0.03	20.00	265.00	3.77
5093		0.01	0.04	0.01	20.00	290.00	1.86
5094		0.06	0.14	0.06	20.00	285.00	1.14
NO NUMBER		<0.01	0.08	<0.01	20.00	265.00	1.05

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-0394 (COMPLETE)

REFERENCE INFO:

CLIENT: HIGHLAND CROW RESOURCES
PROJECT: 1422

SUBMITTED BY: BOB GRAHAM
DATE PRINTED: 11-FEB-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	131	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	131	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au AV Gold Weight Average	131	0.01 PPM		
4	TestWt Au Test Weight -150	131	0.01 gms		
5	-150Wt Weight -150 Obtained	131	0.01 gms		
6	+150Wt Weight +150 Obtained	131	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	131	+150/-150	131	METALLICS +150/-150	131

REMARKS: < MEANS LESS THAN

REPORT COPIES TO: DAN INNES

INVOICE TO: DAN INNES

rec'd Feb 26/86

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Geochemical Lab Report

REPORT: 016-0394 | PROJECT: 1422 | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms	
5074		0.03	0.06	0.03	20.00	350.00	21.32	
5075		0.38	0.37	0.38	20.00	300.00	26.28	
5076		1.64	4.46	1.70	20.00	330.00	6.60	
5077		0.02	0.03	0.02	20.00	345.00	13.22	
5095		0.02	0.01	0.02	20.00	330.00	10.13	
5096		0.02	0.03	0.02	20.00	325.00	3.20	
5097		0.05	0.04	0.05	20.00	345.00	3.00	
5098		0.03	0.05	0.03	20.00	310.00	8.45	
5099		0.09	0.07	0.09	20.00	315.00	18.09	
5100		0.06	0.09	0.06	20.00	310.00	9.50	
5101		0.11	0.58	0.13	20.00	295.00	15.19	
5102		<0.01	<0.01	<0.01	20.00	240.00	12.40	
5103		0.14	0.01	0.14	20.00	260.00	16.76	
5104		0.01	<0.01	0.01	20.00	280.00	11.36	
5105		0.12	1.39	0.15	20.00	310.00	7.06	
5106		0.04	0.04	0.04	20.00	325.00	6.72	
5107		0.03	0.05	0.03	20.00	310.00	7.90	
5108		0.03	0.09	0.03	20.00	310.00	4.88	
5109		0.15	0.39	0.15	20.00	315.00	6.82	
5110		0.58	1.90	0.61	20.00	315.00	6.30	
5111		0.64	2.88	0.69	20.00	325.00	6.83	
5112		0.14	0.14	0.14	20.00	280.00	9.19	
5113		1.04	3.55	1.08 .03	20.00	310.00	5.20	→
5114		2.23	5.56	2.27 .07	20.00	310.00	4.03	→
5115		0.63	0.55	0.63	20.00	310.00	8.06	
5116		0.30	0.57	0.31	20.00	305.00	6.44	
5117		0.08	0.24	0.08	20.00	310.00	7.13	
5118		0.03	0.02	0.03	20.00	305.00	6.73	
5119		0.02	0.04	0.02	20.00	325.00	5.09	
5120		0.05	0.10	0.05	20.00	340.00	5.24	
5121		0.04	0.04	0.04	20.00	300.00	8.35	
5122		0.05	0.05	0.05	20.00	285.00	9.05	
5123		0.07	0.11	0.07	20.00	285.00	10.27	
5124		0.06	0.05	0.06	20.00	280.00	17.88	
5125		0.04	0.06	0.04	20.00	290.00	15.82	
5126		0.43	0.59	0.43	20.00	305.00	7.77	
5127		0.03	0.04	0.03	20.00	275.00	10.69	
5128		0.19	0.41	0.20	20.00	325.00	10.61	
5129		0.15	0.28	0.15	20.00	310.00	7.85	
5130		0.05	0.05	0.05	20.00	330.00	7.51	

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-0394

PROJECT: 1422 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
5131		0.02	0.03	0.02	20.00	305.00	5.03
5132		0.10	0.08	0.10	20.00	310.00	8.64
5133		0.10	0.20	0.10	20.00	315.00	6.32
5134		0.08	0.06	0.08	20.00	315.00	4.35
5135		0.10	2.85	0.16	20.00	315.00	7.18
5136		0.21	1.66	0.23	20.00	310.00	3.73
5137		0.02	0.05	0.02	20.00	310.00	2.77
5138		0.53	3.77	0.58	20.00	315.00	4.95
5139		0.16	0.16	0.16	20.00	295.00	4.33
5140		0.30	0.42	0.30	20.00	310.00	4.97
5141		0.05	0.81	0.06	20.00	315.00	3.16
5142		0.13	0.08	0.13	20.00	340.00	2.60
5143		0.05	1.13	0.06	20.00	315.00	2.47
5144		0.10	0.18	0.10	20.00	330.00	2.24
5145		0.09	0.15	0.09	20.00	350.00	3.43
5146		0.12	0.79	0.12	20.00	325.00	2.24
5147		0.24	0.34	0.24	20.00	305.00	2.59
5148		0.53	12.50	0.65	20.00	310.00	3.12
5149		0.17	0.55	0.17	20.00	325.00	3.41
5150		0.77	1.10	0.78	20.00	310.00	4.96
5151		0.81	0.89	0.81	20.00	330.00	4.12
5152		0.98	1.27	0.98	20.00	320.00	3.98
5153		0.45	0.74	0.45	20.00	310.00	3.98
5154		0.15	0.50	0.15	20.00	315.00	4.60
5155		0.08	0.08	0.08	20.00	340.00	3.05
5156		0.04	0.04	0.04	20.00	325.00	4.92
5157		0.03	<0.01	0.03	20.00	270.00	3.21
5158		<0.01	<0.01	<0.01	20.00	275.00	2.60
5159		0.16	0.04	0.16	20.00	245.00	2.42
5160 VG		10.97	562.70	32.97	20.00	455.00	18.90
5161		0.02	<0.01	0.02	20.00	270.00	2.55
5162		2.70	13.23	2.79	20.00	265.00	2.27
5163		0.72	3.61	0.76	20.00	245.00	3.21
5164		0.03	0.05	0.03	20.00	325.00	2.58
5165		0.01	0.05	0.01	20.00	315.00	1.22
5166		0.02	0.09	0.02	20.00	345.00	3.84
5167		0.05	0.03	0.05	20.00	310.00	2.63
5168		0.09	0.17	0.09	20.00	335.00	4.41
5169		0.46	0.89	0.46	20.00	285.00	1.41
5170		0.03	0.02	0.03	20.00	300.00	2.79

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86 - 21.

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-0394

PROJECT: 1422 PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
5171		0.04	0.03	0.04	20.00	300.00	2.06
5172		0.01	0.02	0.01	20.00	305.00	2.15
5173		0.04	0.08	0.04	20.00	305.00	3.13
5174		0.08	0.05	0.08	20.00	295.00	2.90
5175		0.01	0.01	0.01	20.00	285.00	2.77
5176		0.03	<0.01	0.03	20.00	290.00	2.29
5177		<0.01	<0.01	<0.01	20.00	280.00	3.07
5178		<0.01	<0.01	<0.01	20.00	290.00	4.05
5179		<0.01	<0.01	<0.01	20.00	280.00	16.84
5180		0.04	0.04	0.04	20.00	300.00	26.21
5181		0.54	0.72	0.54	20.00	310.00	6.86
5182		1.55	3.99	1.62	20.00	320.00	9.74
5183		0.10	0.10	0.10	20.00	305.00	21.30
5184		0.01	0.01	0.01	20.00	320.00	11.66
5185		0.05	0.11	0.05	20.00	330.00	7.23
5186		0.07	0.07	0.07	20.00	305.00	9.02
5187		5.42	138.02	9.32	20.00	310.00	9.39
5188		1.67	2.39	1.70	20.00	325.00	11.74
5189		2.03	18.10	2.58	20.00	315.00	11.08
5190		0.07	0.20	0.07	20.00	295.00	11.07
5191		2.28	24.88	2.83	20.00	315.00	7.83
5192		0.09	0.23	0.10	20.00	275.00	10.31
5193		0.05	1.18	0.08	20.00	315.00	9.75
5194		3.00	7.42	3.09	20.00	330.00	6.58
5195		0.04	0.02	0.04	20.00	335.00	10.90
5196		0.04	0.02	0.04	20.00	300.00	17.70
5197		1.39	1.38	1.39	20.00	300.00	9.13
5198		0.48	3.15	0.57	20.00	295.00	10.71
5199		0.88	1.13	0.89	20.00	300.00	11.47
5200		0.10	1.03	0.13	20.00	310.00	8.61
5201		0.03	0.04	0.03	20.00	305.00	10.65
5202		0.03	0.05	0.03	20.00	330.00	12.93
5203		0.45	7.08	0.76	20.00	305.00	15.15
5204		0.25	0.36	0.26	20.00	280.00	17.33
5205		0.04	0.07	0.04	20.00	325.00	10.75
5206		0.98	2.85	1.03	20.00	305.00	9.18
5207		0.06	0.09	0.06	20.00	335.00	17.85
5208		0.14	0.19	0.14	20.00	275.00	8.66
5209		0.07	0.14	0.07	20.00	330.00	16.26
5210		2.99	5.97	3.11	20.00	280.00	11.69

86, 21

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-0394

PROJECT: 1422 PAGE 4

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
5211		1.93	3.25	1.98	20.00	305.00	11.26
5212		0.02	0.05	0.02	20.00	295.00	13.66
5213		0.08	0.20	0.08	20.00	325.00	14.55
5214		0.64	5.07	0.83	20.00	320.00	14.05
5215		0.18	0.22	0.18	20.00	280.00	9.78
5216		0.10	0.12	0.10	20.00	320.00	5.69
5217		0.02	0.06	0.02	20.00	345.00	9.62
5218		0.02	0.01	0.02	20.00	310.00	8.19
5219		0.42	1.66	0.47	20.00	335.00	13.70
5220		0.10	0.13	0.10	20.00	320.00	8.91
5221		0.19	0.37	0.19	20.00	305.00	7.82

46-21

Mail Sept 26/86

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-0460 (COMPLETE)

REFERENCE INFO:

CLIENT: HIGHLAND CROW RESOURCES
PROJECT: 1422

SUBMITTED BY: R. GRAHAM
DATE PRINTED: 14-FEB-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	185	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	185	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au AV Gold Weight Average	185	0.01 PPM		
4	TestWt Au Test Weight -150	185	0.01 gms		
5	-150Wt Weight -150 Obtained	185	0.01 gms		
6	+150Wt Weight +150 Obtained	185	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	185	+150/-150	185	METALLICS +150/-150	185

REMARKS: < MEANS LESS THAN

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mid Feb 26/86

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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPB	Au+150 PPB	Au AV PPB	TestWt gms	-150Wt gms	+150Wt gms
5382		0.01	<0.01	<0.01	20.00	375.00	4.53
5383		0.01	0.01	0.01	20.00	280.00	1.78
5384		0.01	<0.01	<0.01	20.00	340.00	3.00
5385		0.01	0.01	<0.01	20.00	285.00	1.95
5386		0.01	<0.01	<0.01	20.00	270.00	1.80
5387		0.01	<0.01	<0.01	20.00	280.00	1.35
5388		0.01	<0.01	<0.01	20.00	330.00	7.24
5389		0.01	<0.01	<0.01	20.00	365.00	10.16
5390		0.01	<0.01	<0.01	20.00	350.00	8.07
5391		0.01	<0.01	<0.01	20.00	300.00	14.46
5392		0.01	<0.01	<0.01	20.00	315.00	8.56
5393		0.01	<0.01	<0.01	20.00	345.00	18.53
5394		0.02	0.02	0.02	20.00	320.00	9.19
5395		0.01	<0.01	<0.01	20.00	290.00	12.52
5396		0.09	0.17	0.09	20.00	340.00	14.99
5397		0.08	0.32	0.08	20.00	400.00	6.68
5398		0.01	<0.01	<0.01	20.00	335.00	4.62
5399		0.01	<0.01	<0.01	20.00	310.00	10.90
5400		0.01	<0.01	<0.01	20.00	320.00	6.54
5401		0.03	0.01	0.03	20.00	290.00	11.65
5402		0.01	<0.01	<0.01	20.00	295.00	12.30
5403		0.01	<0.01	<0.01	20.00	335.00	6.88
5404		<0.01	<0.01	<0.01	20.00	265.00	2.31
5405		0.02	0.01	0.02	20.00	310.00	5.62
5406		0.01	0.01	0.01	20.00	290.00	3.22

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Geochemical Lab Report

REPORT: 016-0460 | PROJECT: 1422 | PAGE 4

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPB	Au+150 PPB	Au AV PPB	TestWt gms	-150Wt gms	+150Wt gms
5342		0.06	0.07	0.06	20.00	300.00	3.57
5343		0.05	0.05	0.05	20.00	350.00	5.11
5344		0.66	0.99	0.67	20.00	355.00	6.55
5345		0.49	0.67	0.49	20.00	330.00	6.30
5346		0.90	1.11	0.91	20.00	355.00	11.93
5347		0.07	0.08	0.07	20.00	365.00	13.40
5348		1.09	3.81	1.14	20.00	345.00	6.10
5349		0.04	0.03	0.04	20.00	350.00	14.93
5350		0.06	0.02	0.06	20.00	305.00	12.50
5351		0.01	<0.01	<0.01	20.00	310.00	17.48
5352		0.03	<0.01	0.03	20.00	305.00	22.65
5353		0.08	0.03	0.08	20.00	305.00	18.94
5354		<0.01	<0.01	<0.01	20.00	290.00	21.77
5355		0.10	0.09	0.10	20.00	345.00	6.59
5356		0.29	0.33	0.29	20.00	330.00	7.17
5357		0.24	0.38	0.24	20.00	350.00	8.99
5358		0.24	1.42	0.26	20.00	335.00	5.58
5359		0.09	0.11	0.09	20.00	320.00	31.13
5360		<0.01	0.01	<0.01	20.00	305.00	5.78
5361		<0.01	<0.01	<0.01	20.00	315.00	12.82
5362		<0.01	<0.01	<0.01	20.00	320.00	9.60
5363		<0.01	<0.01	<0.01	20.00	350.00	8.61
5364		<0.01	0.01	<0.01	20.00	290.00	3.14
5365		<0.01	<0.01	<0.01	20.00	350.00	4.30
5366		<0.01	0.01	<0.01	20.00	285.00	3.09
5367		<0.01	<0.01	<0.01	20.00	360.00	8.38
5368		<0.01	0.01	<0.01	20.00	345.00	6.03
5369		<0.01	<0.01	<0.01	20.00	330.00	9.03
5370		<0.01	<0.01	<0.01	20.00	295.00	14.34
5371		<0.01	<0.01	<0.01	20.00	320.00	19.44
5372		0.01	<0.01	<0.01	20.00	290.00	6.33
5373		0.01	0.02	0.01	20.00	330.00	3.91
5374		<0.01	<0.01	<0.01	20.00	360.00	14.58
5375		0.01	<0.01	<0.01	20.00	315.00	8.44
5376		0.02	0.01	0.02	20.00	340.00	7.70
5377		0.01	0.03	0.01	20.00	305.00	3.85
5378		0.01	<0.01	<0.01	20.00	350.00	9.32
5379		0.01	<0.01	<0.01	20.00	285.00	1.27
5380		0.01	<0.01	<0.01	20.00	290.00	2.39
5381		0.01	<0.01	<0.01	20.00	340.00	5.26

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Geochemical Lab Report

REPORT: 016-0460 | PROJECT: 1422 | PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPB	Au+150 PPB	Au AV PPB	TestWt gms	-150Wt gms	+150Wt gms
5302		0.04	0.03	0.04	20.00	345.00	2.48
5303		0.04	0.09	0.04	20.00	345.00	9.95
5304		0.03	0.04	0.03	20.00	310.00	1.98
5305		0.22	0.39	0.23	20.00	285.00	9.05
5306		0.17	0.32	0.17	20.00	330.00	2.29
5307		0.01	<0.01	<0.01	20.00	320.00	3.23
5308		1.37	1.32	1.37	20.00	310.00	1.74
5309		1.65	7.11	1.73	20.00	320.00	4.59
5310		21.02	56.38	21.25	20.00	365.00	2.43
5311		2.78	4.29	2.85	20.00	305.00	14.40
5312		0.06	0.07	0.06	20.00	355.00	10.31
5313		0.19	0.20	0.19	20.00	355.00	3.48
5314		0.02	0.04	0.02	20.00	365.00	6.70
5315		0.01	0.01	0.01	20.00	315.00	2.76
5316		0.04	0.02	0.04	20.00	335.00	7.05
5317		0.03	0.04	0.03	20.00	375.00	9.81
5318		0.20	0.34	0.20	20.00	350.00	5.18
5319		0.46	0.51	0.46	20.00	350.00	3.80
5320		0.25	0.12	0.25	20.00	335.00	2.39
5321		0.14	0.08	0.14	20.00	365.00	3.66
5322		0.05	0.11	0.05	20.00	325.00	0.56
5323		0.27	1.60	0.28	20.00	350.00	3.47
5324		0.14	0.20	0.14	20.00	355.00	6.78
5325		0.01	0.02	0.01	20.00	320.00	3.29
5326		0.03	0.04	0.03	20.00	310.00	5.58
5327		0.14	0.22	0.14	20.00	340.00	10.37
5328		0.52	0.35	0.51	20.00	335.00	17.20
5329		0.06	0.05	0.06	20.00	315.00	13.62
5330		0.22	20.10	0.55	20.00	355.00	6.00
5331		0.17	0.40	0.17	20.00	335.00	4.58
5332		0.02	0.03	0.02	20.00	365.00	8.30
5333		0.02	0.02	0.02	20.00	335.00	12.46
5334		0.02	0.01	0.02	20.00	325.00	16.14
5335		1.64	2.11	1.65	20.00	340.00	10.75
5336		1.04	1.59	1.07	20.00	300.00	16.82
5337		0.16	0.13	0.16	20.00	340.00	8.94
5338		0.49	5.90	0.59	20.00	380.00	7.05
5339		0.06	0.06	0.06	20.00	345.00	5.48
5340		0.09	0.09	0.09	20.00	315.00	2.65
5341		0.69	2.07	0.72	20.00	340.00	6.51

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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPB	Au+150 PPB	Au AV PPB	TestWt gms	-150Wt gms	+150Wt gms
5262		0.04	<0.01	0.04	20.00	310.00	0.76
5263		0.06	0.15	0.06	20.00	350.00	1.68
5264		0.38	0.06	0.38	20.00	310.00	0.99
5265		0.20	0.20	0.20	20.00	335.00	1.40
5266		0.06	32.32	0.11	20.00	310.00	0.50
5267		0.03	0.10	0.03	20.00	350.00	6.93
5268		0.15	0.20	0.15	20.00	300.00	12.04
5269		0.58	0.72	0.59	20.00	320.00	25.35
5270		0.07	0.14	0.08	20.00	295.00	22.90
5271		0.01	0.03	0.01	20.00	260.00	7.99
5272		0.17	0.20	0.17	20.00	335.00	9.05
5273		0.21	0.22	0.21	20.00	365.00	17.29
5274		<0.01	0.01	<0.01	20.00	280.00	7.61
5275		0.07	0.04	0.07	20.00	280.00	8.32
5276		0.04	0.03	0.04	20.00	275.00	2.76
5277		0.58	0.52	0.58	20.00	265.00	6.75
5278		3.70	72.29	5.41	20.00	260.00	6.64
5279		0.04	0.03	0.04	20.00	230.00	13.01
5280		0.11	0.05	0.11	20.00	260.00	22.29
5281		2.03	2.01	2.03	20.00	240.00	10.44
5282		0.17	0.60	0.23	20.00	235.00	35.67
5283		0.04	<0.01	0.04	20.00	255.00	29.49
5284		<0.01	<0.01	<0.01	20.00	310.00	3.55
5285		0.31	0.22	0.31	20.00	315.00	7.86
5286		0.26	0.26	0.26	20.00	325.00	1.96
5287		0.16	0.06	0.16	20.00	340.00	1.99
5288		0.01	<0.01	<0.01	20.00	345.00	1.10
5289		0.38	0.30	0.38	20.00	330.00	1.62
5290		0.02	<0.01	0.02	20.00	325.00	1.89
5291		0.06	0.02	0.06	20.00	305.00	2.56
5292		0.50	0.52	0.50	20.00	335.00	1.61
5293		0.08	0.23	0.08	20.00	300.00	1.64
5294		0.02	<0.01	0.02	20.00	275.00	1.76
5295		0.10	0.25	0.10	20.00	315.00	1.10
5296		0.06	.0.04	0.06	20.00	325.00	0.97
5297		0.04	0.06	0.04	20.00	320.00	1.45
5298		0.24	<0.01	0.24	20.00	320.00	0.48
5299		0.20	0.42	0.20	20.00	325.00	1.58
5300		0.62	0.14	0.62	20.00	360.00	1.85
5301		0.29	0.36	0.29	20.00	320.00	2.40

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Geochemical Lab Report

REPORT: 016-0460 | PROJECT: 1422 | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
5222		0.08	0.06	0.08	20.00	310.00	0.32
5223		0.06	0.08	0.06	20.00	310.00	0.52
5224		0.03	0.02	0.03	20.00	320.00	0.86
5225		0.01	0.08	0.01	20.00	325.00	2.70
5226		0.04	0.06	0.04	20.00	325.00	22.50
5227		0.31	0.46	0.31	20.00	345.00	6.24
5228		<0.01	0.01	<0.01	20.00	320.00	8.86
5229		0.02	03	0.02	20.00	305.00	6.40
5230		0.58	.08	0.60	20.00	350.00	14.40
5231		0.30	0	0.30	20.00	345.00	4.57
5232		0.02	0.03	0.02	20.00	300.00	3.86
5233		0.02	0.02	0.02	20.00	295.00	3.92
5234		0.59	0.77	0.60	20.00	370.00	15.65
5235		0.05	0.10	0.05	20.00	345.00	5.80
5236		0.52	0.54	0.52	20.00	320.00	1.53
5237		5.47	21.71	5.85	20.00	280.00	6.67
5238		4.21	386.02	5.40	20.00	265.00	0.83
5239		0.28	0.31	0.28	20.00	275.00	4.12
5240		0.60	5.30	0.67	20.00	265.00	4.11
5241		0.05	0.04	0.05	20.00	265.00	15.75
5242		0.03	0.12	0.03	20.00	295.00	6.34
5243		<0.01	0.03	<0.01	20.00	310.00	1.52
5244		0.94	0.93	0.94	20.00	330.00	5.30
5245		1.41	0.11	1.31	20.00	310.00	26.36
5246		2.25	0.11	2.02	20.00	305.00	36.71
5247		2.06	2.62	2.10	20.00	330.00	23.90
5248		6.90	5.67	6.74	20.00	300.00	44.65
5249		3.00	2.79	2.98	20.00	320.00	24.96
5250		1.62	1.44	1.61	20.00	325.00	26.68
5251		1.75	1.36	1.72	20.00	310.00	26.83
5252		0.56	1.24	0.64	20.00	305.00	43.04
5253		0.20	0.23	0.20	20.00	330.00	4.93
5254		0.05	0.05	0.05	20.00	300.00	14.44
5255		0.03	0.12	0.03	20.00	310.00	1.18
5256		0.31	0.05	0.31	20.00	330.00	2.64
5257		0.06	<0.01	0.06	20.00	325.00	4.53
5258		0.12	0.01	0.12	20.00	300.00	1.87
5259		0.56	0.23	0.56	20.00	340.00	2.15
5260		0.05	0.03	0.05	20.00	320.00	1.22
5261		0.07	<0.01	0.07	20.00	345.00	1.68

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-0493 (COMPLETE)

REFERENCE INFO:

CLIENT: HIGHLAND CROW RESOURCES
PROJECT: 1422

SUBMITTED BY: R.J. GRAHAM
DATE PRINTED: 18-FEB-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	109	0.01 PPM	AQUA REGIA	Fire Assay AA
2	Au+150 Gold +150 Fraction	109	0.01 PPM	AQUA REGIA	Fire Assay AA
3	Au AV Gold Weight Average	109	0.01 PPM		
4	TestWt Au Test Weight -150	109	0.01 gms		
5	-150Wt Weight -150 Obtained	109	0.01 gms		
6	+150Wt Weight +150 Obtained	109	0.01 gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	109	+150/-150	109	METALLICS +150/-150	109

REMARKS: < MEANS LESS THAN

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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
4601		0.04	0.02	0.04	20.00	295.00	6.85
4602		0.05	0.20	0.05	20.00	310.00	4.41
4603		0.06	0.06	0.06	20.00	275.00	6.21
4604		0.06	0.04	0.06	20.00	285.00	1.00
4605		0.05	0.24	0.05	20.00	315.00	2.37
4606		2.29	11.83	2.30	20.00	295.00	0.46
4607		1.34	6.80	1.36	20.00	315.00	1.02
4608		0.19	0.42	0.19	20.00	280.00	3.60
4609		0.01	0.04	0.01	20.00	355.00	1.12
4610		0.85	8.25	0.87	20.00	275.00	0.80
4611		0.05	0.12	0.05	20.00	320.00	1.89
4612		0.10	0.09	0.10	20.00	280.00	2.18
4613		0.02	<0.01	0.02	20.00	285.00	2.65
4614		0.01	0.02	0.01	20.00	305.00	3.38
4615		0.05	0.02	0.05	20.00	255.00	4.12
5407		0.22	2.60	0.25	20.00	275.00	3.01
5408		<0.01	<0.01	<0.01	20.00	220.00	11.42
5409		0.33	<0.01	0.32	20.00	265.00	8.11
5410		<0.01	<0.01	<0.01	20.00	265.00	3.57
5411		<0.01	0.01	<0.01	20.00	240.00	4.84
5412		<0.01	<0.01	<0.01	20.00	225.00	2.72
5413		0.24	0.30	0.24	20.00	260.00	6.54
5414		1.28	14.52	1.74	20.00	295.00	10.59
5415		6.18	23.07	6.33	20.00	275.00	2.49
5416		0.77	1.18	0.80	20.00	280.00	23.54
5417		0.21	0.30	0.21	20.00	265.00	13.15
5418		0.14	0.45	0.16	20.00	245.00	17.00
5419		0.02	0.03	0.02	20.00	295.00	5.35
5420		0.51	0.23	0.49	20.00	245.00	20.97
5421		1.88	0.85	1.86	20.00	245.00	5.98
5422		0.18	0.21	0.18	20.00	275.00	12.17
5423		0.05	0.02	0.05	20.00	235.00	26.34
5424		0.20	0.27	0.20	20.00	265.00	13.51
5425		0.15	0.18	0.15	20.00	285.00	27.94
5426		0.96	0.75	0.94	20.00	265.00	34.51
5427		1.11	1.40	1.13	20.00	275.00	24.60
5428		0.04	0.02	0.04	20.00	225.00	25.92
5429		0.07	0.04	0.07	20.00	270.00	13.90
5430		0.05	0.06	0.05	20.00	245.00	26.81
5431		0.05	0.09	0.05	20.00	250.00	21.39

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Bondar-Clegg & Company Ltd.
5420 Canotek Rd.,
Ottawa, Ontario
Canada K1
Phone: (61 2220
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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
5432		<0.01	<0.01	<0.01	20.00	215.00	16.67
5433		0.11	0.12	0.11	20.00	240.00	21.03
5434		<0.01	<0.01	<0.01	20.00	225.00	30.01
5435		<0.01	0.03	<0.01	20.00	230.00	3.17
5436		<0.01	0.06	<0.01	20.00	210.00	1.01
5437		<0.01	0.02	<0.01	20.00	265.00	4.92
5438		<0.01	<0.01	<0.01	20.00	270.00	3.37
5439		<0.01	<0.01	<0.01	20.00	280.00	12.22
5440		0.03	0.03	0.03	20.00	310.00	11.75
5441		0.02	0.08	0.02	20.00	255.00	5.96
5442		<0.01	<0.01	<0.01	20.00	240.00	6.99
5443		0.02	0.10	0.02	20.00	265.00	2.73
5444		0.05	0.06	0.05	20.00	260.00	8.47
5445		2.75	29.34	3.75	20.00	240.00	9.34
5446		0.02	0.05	0.02	20.00	275.00	6.03
5447		1.08	1.89	1.12	20.00	270.00	13.22
5448		13.31	57.94	16.05	20.00	230.00	15.05
5449		2.91	3.84	2.99	20.00	225.00	21.26
5450		0.26	0.40	0.26	20.00	250.00	6.09
5451		0.63	0.32	0.61	20.00	240.00	16.44
5452		1.56	27.33	2.33	20.00	245.00	7.56
5453		1.80	23.23	2.19	20.00	245.00	4.52
5454		0.02	0.04	0.02	20.00	270.00	4.02
5455		0.03	0.02	0.03	20.00	265.00	3.46
5456		0.07	0.31	0.08	20.00	265.00	8.45
5457		0.02	0.02	0.02	20.00	245.00	7.92
5458		0.02	<0.01	0.02	20.00	265.00	4.33
5459		0.02	0.04	0.02	20.00	260.00	8.78
5460		0.06	1.02	0.08	20.00	265.00	6.87
5461		0.09	0.15	0.09	20.00	255.00	3.83
5462		0.49	0.62	0.49	20.00	240.00	2.32
5463		<0.01	0.02	<0.01	20.00	275.00	6.48
5464		<0.01	<0.01	<0.01	20.00	245.00	3.83
5465		<0.01	<0.01	<0.01	20.00	255.00	4.95
5466		<0.01	0.20	<0.01	20.00	255.00	5.18
5467		0.04	0.02	0.04	20.00	280.00	5.28
5468		0.04	1.13	0.06	20.00	300.00	5.98
5469		0.01	0.02	0.01	20.00	245.00	4.99
5470		0.02	0.03	0.02	20.00	220.00	3.49
5471		0.26	0.73	0.27	20.00	305.00	6.05

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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Au-150 PPM	Au+150 PPM	Au AV PPM	TestWt gms	-150Wt gms	+150Wt gms
5472		0.15	0.13	0.15	20.00	260.00	5.97
5473		0.10	0.09	0.10	20.00	270.00	5.17
5474		3.60	9.81	3.78	20.00	255.00	7.49
5475		1.86	2.56	1.87	20.00	240.00	4.25
5476		0.05	0.07	0.05	20.00	280.00	4.86
5477		0.18	0.04	0.18	20.00	270.00	4.86
5478		0.03	0.02	0.03	20.00	250.00	5.74
5479		0.04	0.03	0.04	20.00	255.00	5.05
5480		0.04	0.23	0.04	20.00	230.00	0.77
5481		0.05	0.13	0.05	20.00	265.00	0.91
5482		0.35	0.05	0.35	20.00	260.00	1.62
5483		0.04	0.03	0.04	20.00	245.00	2.40
5484		0.06	0.02	0.06	20.00	270.00	2.29
5485		0.64	4.86	0.69	20.00	300.00	3.26
5486		0.05	0.06	0.05	20.00	280.00	9.05
5487		0.05	0.03	0.05	20.00	260.00	1.73
5488		0.02	<0.01	0.02	20.00	280.00	2.41
5489		0.22	3.83	0.25	20.00	245.00	2.00
5490		0.26	15.70	0.32	20.00	280.00	1.01
5491		0.18	0.15	0.18	20.00	265.00	2.28
5492		0.06	4.28	0.08	20.00	260.00	1.06
5493		<0.01	<0.01	<0.01	20.00	275.00	2.03
5494		0.05	0.11	0.05	20.00	260.00	1.44
5495		0.03	0.06	0.03	20.00	275.00	1.26
5496		<0.01	<0.01	<0.01	20.00	280.00	0.69
5497		0.03	0.04	0.03	20.00	250.00	1.70
5498		0.03	0.02	0.03	20.00	205.00	10.77
5499		0.07	0.08	0.07	20.00	255.00	6.95
5500		0.03	0.03	0.03	20.00	225.00	17.26

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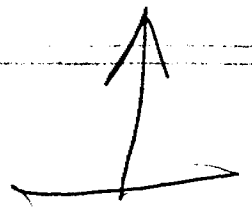

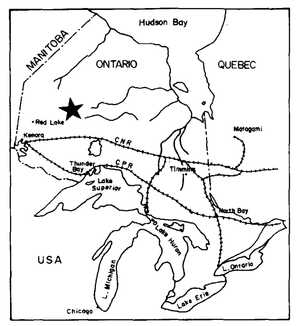

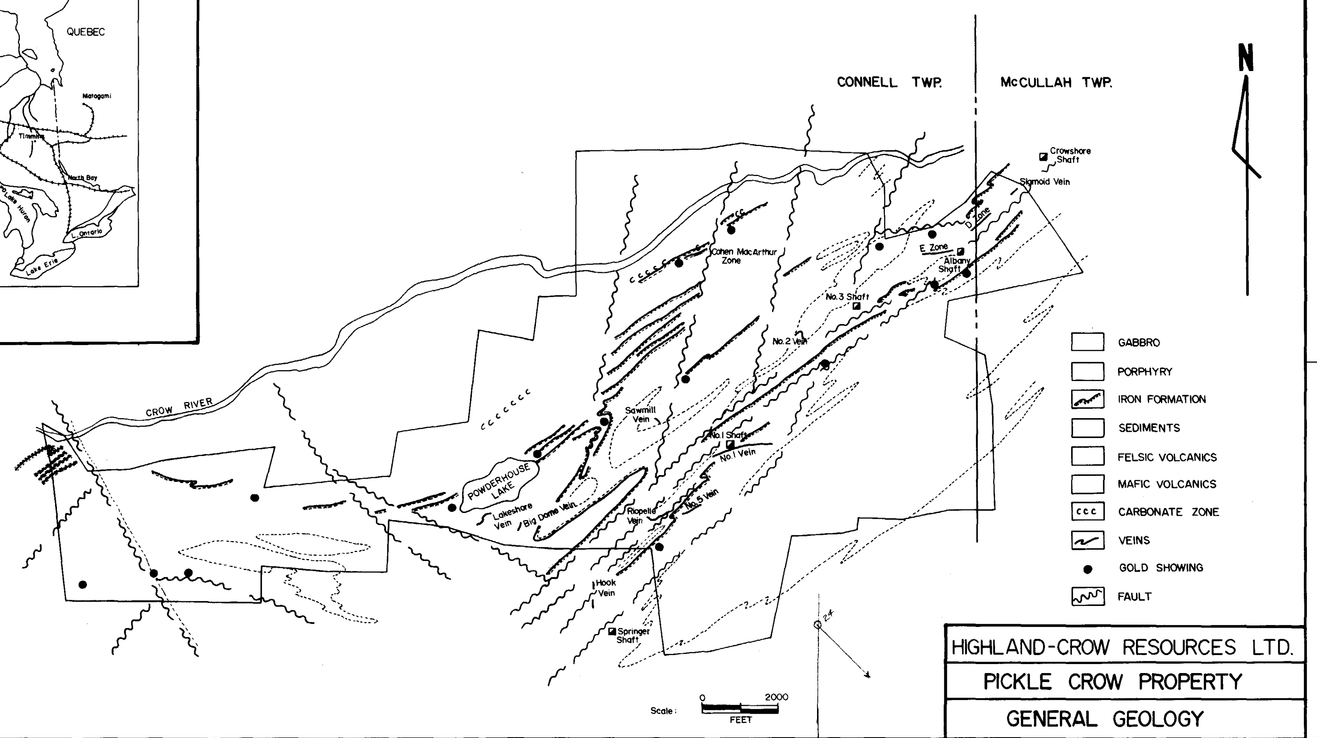

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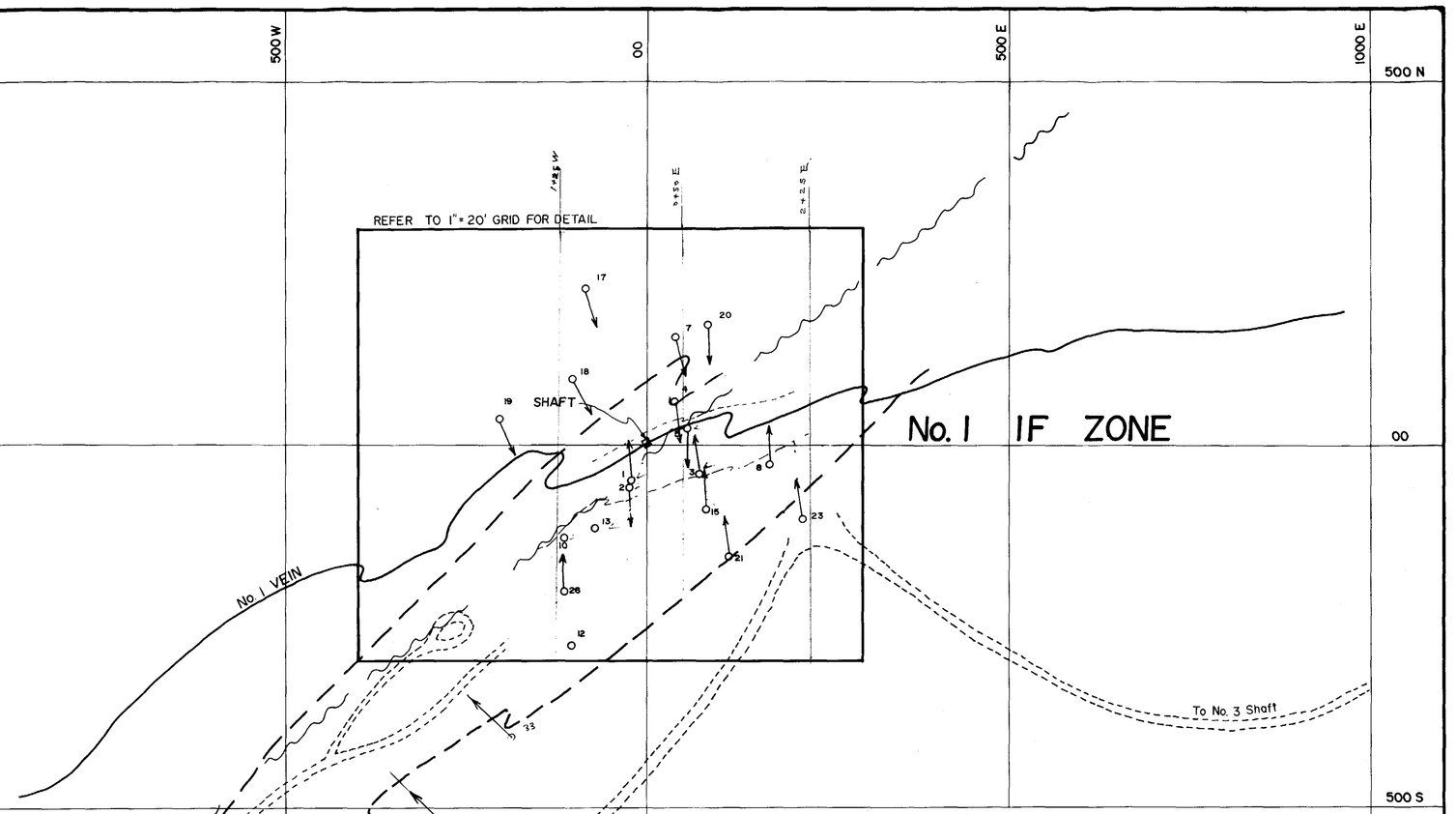
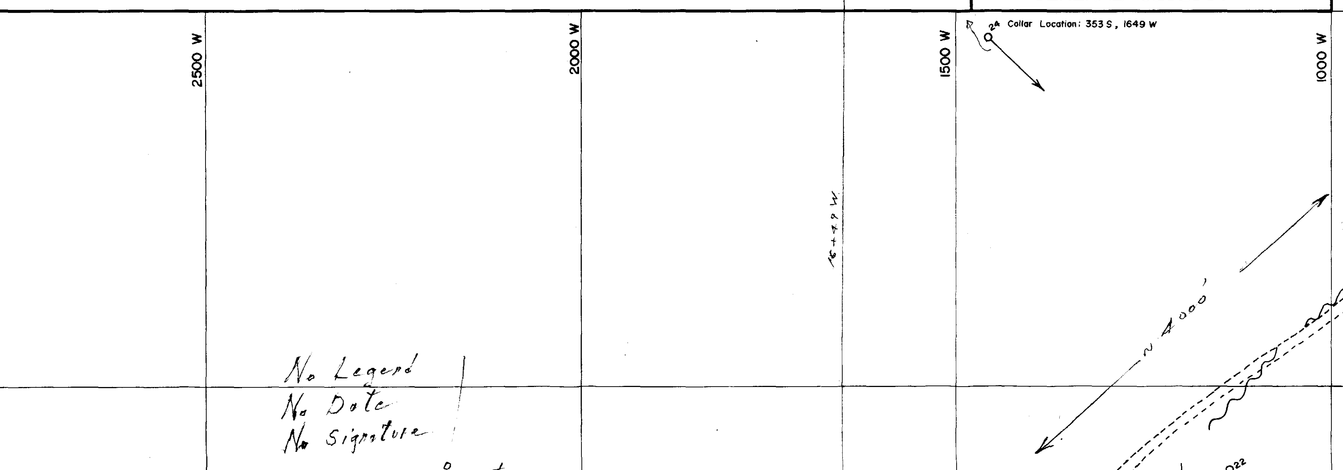
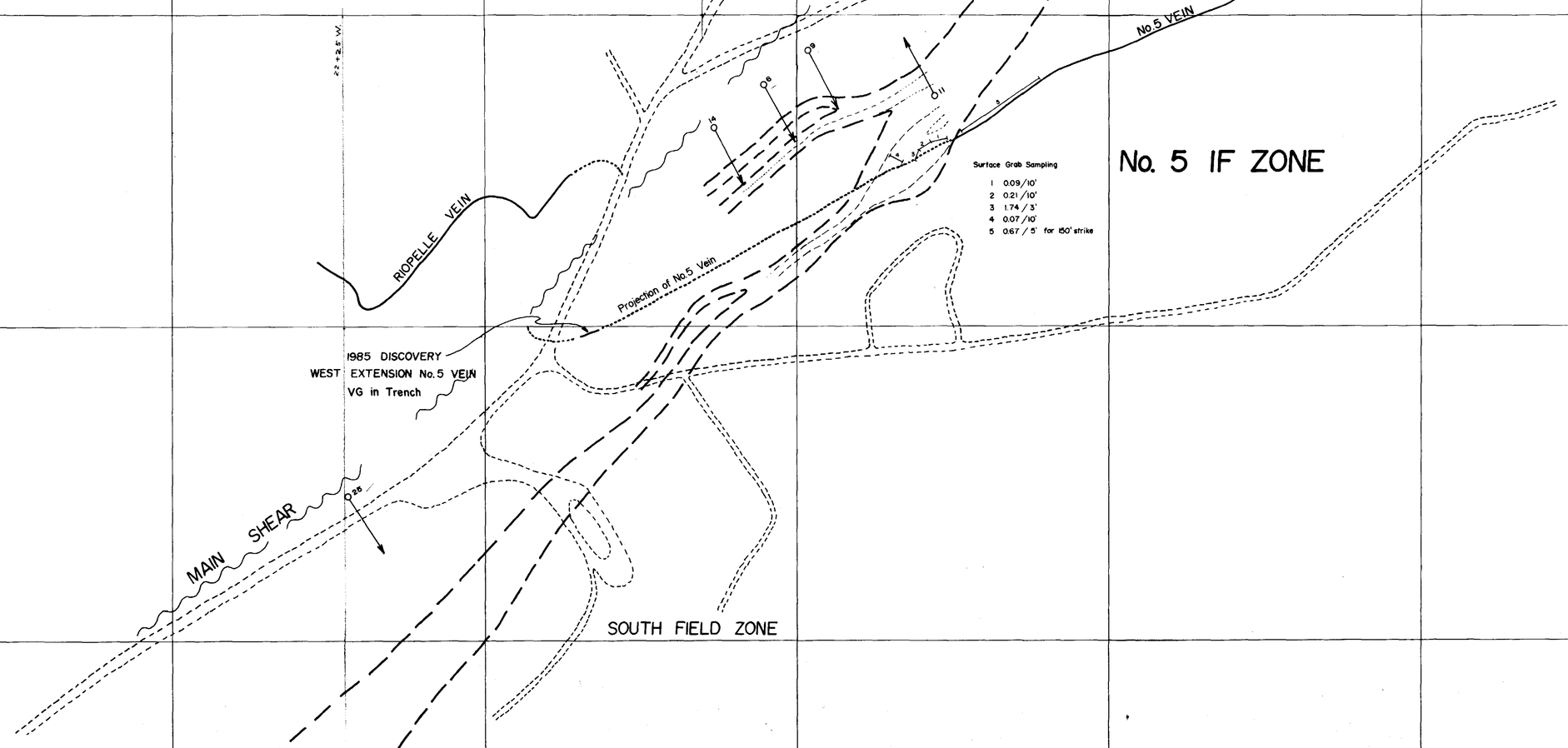
GENERAL GEOLOGY







1985 DIAMOND DRILL HIGHLIGHTS

HOLE No.	FROM	TO	INTERSECTION	ASSAY Oz/ton	
HC-85-1	4	44	0.190		Including 0.31/15'
HC-85-2	12	32	20'	0.163	Including 0.27/10'
HC-85-3	72	92	20'	0.11	
	109.5	139.5	30'	0.423	
	178.5	187	8.5'	0.08	
	197	217	20'	0.10	
	222	242	20.0'	0.09	
	262	268	6.0'	0.34	
	312	337	25	0.37	
HC-85-4	30	42	12	0.10	
	67	72	5	0.11	
	86	87	1	0.33	
HC-85-5	10	25	15	0.28	
	10	37	27	0.156	
	52	67	15	0.34	
	120	126	6	0.08	
	182	187	5	0.09	
HC-85-6	96	108	12	0.20	
	254	261.5	7.5	0.13	
HC-85-7	184	195	11	0.11	
HC-85-8	52	57	5	0.19	
HC-85-9	105	121.5	16.5	0.11	
	110	120	10	0.22	
	201	283	82	0.02-0.07	
HC-85-10	17	67	50	0.22	
HC-85-11	34	54	20	0.05	
	79	84	5	0.10	
	197	232	35	0.05	
HC-85-12	125	VG.			
	175	185	10	0.03	
HC-85-13	70	80	10	0.173	
	90	93	3	0.30	
	106	136	30	0.28	
	176	224.5	48.5	0.32 cut (1.98 Oz /48.5' uncut)	
HC-85-15	87	92	5	0.10	
	127	132	5	0.12	
	162	167	5	0.14	
	209.5	214.5	5	0.04	
	248.5	267	18.5	0.23	
note:	267	293	heavily mineralized and awaiting assays.		

ORE ZONES
IRON FORMATION
VOLCANIC SEDIMENT COMPLEX
DIAMOND DRILL HOLE
HC-85-5

N

Scale: 1" = 100'

OM85-244 63.4806

HIGHLAND CROW RESOURCES LTD.
PICKLE CROW PROPERTY
SURFACE PLAN - IF - Au - ZONES

Scale: 0 50 100 200 FEET

Date