

REPORT ON THE 1987 FIELD EXPLORATION PROGRAM  
SPRUCE CREEK PLACER PROJECT  
ATLIN, BRITISH COLUMBIA  
VOLUME II

10962-E125

Krueckl & Associates  
Mining Consultants Ltd.

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16703  
PART 2  
OF 2

REPORT ON THE 1987 FIELD EXPLORATION PROGRAM  
SPRUCE CREEK PLACER PROJECT  
ATLIN, BRITISH COLUMBIA  
VOLUME II

Prepared for

CARNES CREEK EXPLORATIONS LTD.  
406 - 837 West Hastings Street  
Vancouver, B.C.  
V6C 1B6

prepared by

GEORGE P. KRUECKL, P.ENG.  
Vancouver, B.C.

January 15, 1988

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,703  
PART 2 OF 2

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APPENDIX II

GEOTRONICS REPORT

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,703  
PART 2 OF 2

GEOPHYSICAL REPORT  
ON A  
SEISMIC REFRACTION SURVEY  
ON  
THE SPRUCE CREEK PROPERTY  
ATLIN AREA  
ATLIN MINING DIVISION  
BRITISH COLUMBIA

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PROPERTY : On Spruce Creek 8 km due east  
of the Village of Atlin,  
British Columbia.  
: 59° 34' North Latitude  
133° 34' West Longitude  
: N.T.S. 104N/12E

WRITTEN FOR : Carnes Creek Explorations Ltd.  
406- 837 West Hastings Street  
Vancouver, B. C.  
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WRITTEN BY : David G. Mark, Geophysicist  
GEOTRONICS SURVEYS LTD.  
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DATED : January 4, 1988



GEOTRONICS SURVEYS LTD.  
Engineering & Mining Geophysicists  
VANCOUVER, CANADA



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GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,703

PART 2 OF 2

LIST OF ILLUSTRATIONS

MAPS - At End of Report

Claim map	1: 50,000	Map # 1
Plan (in pocket)	1: 5,000	2
Profile Line 0+00E	1: 1,500	Fig # 1
Profile Line 10+00E	1: 1,500	2
Profile Line 20+00E	1: 1,500	3
Profile Line 40+00E	1: 1,500	4
Profile Line 50+00E	1: 1,500	5
Profile Line 60+00E	1: 1,500	6
Profile Line 70+00E	1: 1,500	7
Profile Line 80+00E	1: 1,500	8
Profile Line North	1: 1,500	9
Profile Line South	1: 1,500	10

### SUMMARY

Seismic refraction work was carried out over several placer leases about 8 km due east of Atlin on Spruce Creek in the Atlin Mining Division, B.C., during the period June 26th to July 15th, 1987. The object of the survey was primarily to locate buried creek channels carrying placer gold and secondarily to determine the depths to bedrock.

The leases are underlain by Cache Creek sediments and volcanics, probably primarily volcanics. The overburden is glacial till and fluvial sands and gravels.

The survey was carried out using a 24-channel seismic refraction system with 350-meter and 700-meter spreads, 15-meter and 30-meter geophone spacings, and employing explosives as the energy source. Seventeen spreads were done along 10 lines resulting in a survey length of 5,500 m. The data were analyzed using an intercept time delay method.

### CONCLUSIONS

1. The seismic refraction survey has delineated the bedrock profile thus showing the bottom of the buried Spruce Creek Tertiary placer channel on most of the lines. However, the edge of the channel, i.e., the rimrock, is quite indistinct.
2. Three of the lines show a channel at the bottom of the main channel which should contain a greater concentration of placer gold.
3. Over the seismic survey lines, the bedrock depths vary from 5 to 96 m. The greater depths are over the bottom of the buried Spruce Creek channel, especially on lines 10+00E to 50+00E where the maximum depths vary from 88 to 96 m. Further upstream, the depths to the bottom of the channel became significantly less.
4. No channel was discovered along or sub-parallel to Little Spruce Creek.

RECOMMENDATIONS

The writer is not recommending any further seismic work since it is felt this should be left to the consulting engineer for the project, George Krueckl, in his report. However, the lines are 300 m apart and thus it may be desirable to run fill-in lines for greater accuracy. It may also be desirable to run lines on the north bank of Spruce Creek to determine more accurately the northern slope of the buried channel.

GEOPHYSICAL REPORT  
ON A  
SEISMIC REFRACTION SURVEY  
ON  
THE SPRUCE CREEK PROPERTY  
ATLIN AREA  
ATLIN MINING DIVISION  
BRITISH COLUMBIA

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INTRODUCTION AND GENERAL REMARKS

This report discusses the results of a seismic refraction survey carried out over ten lines within the Spruce Creek Placer property, located on Spruce Creek in the area of the village of Atlin.

The purpose of the work was to more accurately define a Tertiary bedrock channel known to carry placer gold. The buried channel occurs along Spruce Creek and has been mined during much of the 1900's and is being mined at present. The exploration program for the property involved preliminarily interpreting the seismic data for the purpose of locating proposed drill holes. Subsequently the drill hole logs were to be used along with geological mapping in completing the seismic interpretation. The completed interpretation was then to be used in designing the placer mining excavation and the mining methods.

The work was carried out June 26th to July 15th, 1987 by a crew of four men headed by Andrew Rybaltowski, geophysicist. The additional three men consisted of one geophysicist and two geophysical technicians.

The work was done at the request of George Krueckl, P.Eng., mining engineer, and consultant on the project to Carnes Creek Explorations Ltd.

#### PROPERTY AND OWNERSHIP

The following was taken from George Krueckel's report:

The total property consists of 30 placer leases that were located on Spruce Creek and adjoining areas and are held by Irving Placer Mines Ltd. and Treetop Holdings Ltd. of Atlin, B.C. The leases are listed in Tables 1 and 2 following and their location is shown on Figure 2. [Geotronics map 1, which only shows the leases in the area of the seismic work.]

TABLE I

#### Irving Mines Leases

<u>PLM Name</u>	<u>Term of Lease (Years)</u>	<u>Last Day of Term</u>	<u>Annual Rental Paid To</u>	<u>Name of Lessee</u>
1707	10	March 1992	March 1989	Irving
1708	10	March 1992	March 1989	Irving
1709	10	March 1992	March 1989	Irving
12247	10	March 1994	March 1988	Irving

The agreement with Irving Placer Mines Ltd. includes the purchase of the processing plant and mine equipment.

Additionally, Treetop Holdings Ltd. has an agreement with Nolan Mines Ltd. giving Treetop the right to reprocess the old Nolan Mine tailings. The tailings agreement has been also included in Treetop's agreement with Carnes Creek Exploration. These tailings are located on placer leases 681, 790 and 1780 (owned by Nolan Mines) and placer lease 1910 (owned by Treetop Holdings) (Figure 5). An estimated 150,000 yards of tailings and pay gravels are available under the agreement.

TABLE II  
Treetop Holdings Leases

	<u>Term of Lease</u>	<u>Last Day of Term</u>	<u>Annual Rental Paid To</u>	<u>Name of Lessee</u>
<u>Lower Spruce Creek</u>				
North Bench Leases				
PL 13210	10	Oct 31/95	Oct 31/90	Treetop
PL 13211	10	Oct 31/95	Oct 31/90	Treetop
PL 13256	10	Oct 31/95	Oct 31/90	Treetop
South Bench Leases				
PL 1465	10	Dec 29/89	Dec 29/88	Treetop
PL 13204	10	Dec 31/95	Dec 31/90	Treetop
PL 13205	10	Dec 31/95	Oct 31/90	Treetop
PL 13213	10	Dec 31/95	Oct 31/90	Treetop
PL 13242	10	Dec 31/95	Oct 31/90	Treetop
PL 13243	10	Dec 31/95	Oct 31/90	Treetop
PL 13258	10	Dec 31/95	Oct 31/90	Treetop
PL 13259	10	Dec 31/95	Oct 31/90	Treetop
<u>Mid Spruce Creek</u>				
Creek Lease				
PML 1910	5	Sept 20/90	Sept 20/89	Treetop
South Bend Lease				
PL 6714	10	Oct 5/91	Oct 5/89	Treetop
PL 6715	10	Oct 5/91	Oct 5/89	Treetop
PL 13257	10	Apr 11/96	Apr 11/90	Treetop



Upper Dominion Creek

## Creek Leases

PL 13357	10	Apr 23/97	Apr 23/88	Treetop
PL 13358	10	Apr 27/97	Apr 27/88	Treetop
PL 13359	10	Apr 21/97	Apr 21/88	Treetop

## Bench Leases

PL 13307	10	Dec 31/96	Dec 31/88	Treetop
PL 13308	10	Dec 31/96	Dec 31/88	Treetop

Tailings Disposal Area

PL 13374	10	May 29/97	May 29/88	Treetop
PL 13375	10	May 29/97	May 29/88	Treetop
PL 13377	10	May 29/97	May 29/88	Treetop
PL 13378	10	May 29/97	May 29/88	Treetop
PL 13379	10	May 29/97	May 29/88	Treetop
PL 13376	10	Jun 17/97	Jun 17/88	Treetop

LOCATION AND ACCESS

The property is located about 8 km due East of the village of Atlin on Spruce Creek, between Little Spruce Creek and Eureka Creek.

The geographical coordinates are 59° 34' north latitude and 133° 34' west longitude.

Atlin can be reached by car from Whitehorse with paved and gravelled highways over a distance of 183 km. The eastern part of the property is reached by 15 km of gravel/dirt road which runs easterly past the Atlin airfield and then along Spruce Creek.

PHYSIOGRAPHY

The property is located on the west side of the physiographic unit known as the Teslin Plateau which is a division of the Yukon Plateau. The terrain is generally moderate with slopes varying

from gentle to steep. Mountains in the area reach elevations in excess of 2,100 m (6,900 feet) a.s.l.

The placer leases are located within the Spruce Creek valley. The slopes are gentle to moderate with the elevations varying from around 800 m to 1,100 m (2600 feet to 3600 feet) a.s.l.

#### HISTORY OF PREVIOUS WORK

Placer gold was first mined in the area in 1898, and through the years since, the creeks in the general area have been worked off and on.

The Spruce Creek channel has been worked for a distance of about 5,182 m (17,000 feet) progressively upstream, that is, west to east.

#### GEOLOGY

The G.S.C. geology map of the area shows the property to be underlain by a series of sediments and volcanics of the Cache Creek group of Pennsylvanian and Permian age. The Cache Creek group is divided into three units all of which are seen on Spruce Creek. The most prominent is composed of greenstone, volcanic greywacke and amphibolite. Underlying this is a unit composed of limestone and limestone breccia and above it is a unit composed mostly of clastic sediments. The rocks within this unit are chert, argillite, chert-pebble conglomerate, chert breccia, quartzite and schist.

The overburden consists of fluvial sands and gravels and glacial till.

### INSTRUMENTATION

Two 12-channel seismographs, Model 1210F, manufactured by Geometrics/Nimbus of Sunnyvale, California, were used on the project. The two were interfaced together to make up a 24-channel system. The 1210F features signal enhancement by stacking repeated signals in a digital memory. A CRT (cathode ray tube) continuously displays the signal stored in the memory on all channels. The stored signal can then be printed on a permanent paper record by a built-in electric-writing oscillograph. The instrument also contains active signal filters on each amplifier.

Two 165-meter and two 335-meter geophone cables were used, as well as 8 cycle/sec marsh geophones, manufactured by Mark Products of Houston, Texas.

The blasting was done with 1 encoder and 1 decoder, series 200, manufactured by Input/Output of Houston, Texas. These were interfaced with Motorola portable FM radios.

### FIELD PROCEDURE

The 'two-way, in-line shot' seismic refraction method was used. The technique consisted of laying out one spread of 12 or 24 geophones in a straight line and recording arrival times from shots fired at either end of the spread. For the 24-channel spread, the arrival times from 3 additional shot points approximately every 1/4 of the spread length within the spread were also recorded. For the 12-channel spread, the arrival time from one shot point in the middle of the spread was recorded. This provided the overburden depth and velocity variations along the spread, and also gave additional information about the deeper layers. Finally for each spread, two off-end shots were fired at

a distance of up to one-half the spread length from the nearest geophone. Since the off-end shots were a good distance from the nearest geophone, it was assumed that the first arrivals were in fact from the bedrock surface. This was felt necessary so that the refractions received from other shot points could be correlated and assigned the correct layer number.

The seismic refraction work was carried out over the 10 lines as shown in the following table:

Line	12 or 24 Channel Spread	Number of Spreads	Geophone Spacing	Length of line	Figure Number
0+00E	24	1	15m	345	1
10+00E	24	1	15	465	2
	12	1	15		
20+00E	24	3	15	975	3
40+00E (South side)	24	2	15	615	4
40+00E (North side)	12	1	30	330	4
	12	1	15		
50+00E	12	1	15	805	5
	24	1	15		
60+00E	24	1	15 & 30	450	6
70+00E	24	1	15	345	7
80+00E	24	1	15 & 30	480	8
North	24	1	15	345	9
South	24	1	15	345	10
		17		5,500	

The shots ranged in size from 0.2 to 10 kg, and were placed in holes 0.3 to 0.6 m deep. Because maximum coverage was desired, and on some of the lines the length was limited due to such things as beaver ponds or cliffs, full spreads could not be done and thus one spread would often overlap the other.

The elevations along each of the lines were surveyed in by the client with a transit. Drafted profiles were then supplied to Geotronics for plotting of the seismic interpretation.

Line 30+00E was not done due to the mining operation in progress below an unstable, steep slope.

Because of the experience gained on the neighbouring placer property to the east (upstream), it was planned to carry out the project with a 30-meter geophone spacing. However, it soon became apparent to the geophysicist in charge of the project that the bedrock was much shallower. Considering that it was planned to incorporate the seismic results with the later drilling in order to design the size of the mining excavation as well as the mining methods, accuracy was considered very important. Therefore the geophone spacing was downsized to 15 m thus increasing the number of spreads and thus increasing the time on the project.

There were some difficulties experienced on this project as follows:

- (1) Access - At the time the survey was carried out, the only road was along Spruce Creek. Therefore, equipment had to be packed from Spruce Creek up the steep embankment for a distance of up to 1 km.
- (2) Wind noise - This was a serious problem and necessitated much waiting time in order to obtain good records. Sometimes shots had to be refired.
- (3) Line cutting - The lines were to be cut for the seismic crew. However, linecutting had to be done along all or parts of some of the lines.

### COMPUTING METHOD

All seismic data were analyzed using an intercept-delay time technique. Implementation of this method requires reverse refraction emanating from a common point for at least two detectors. This rock overlap is necessary in order to obtain a true refractor velocity and travel time in the overburden independent of bedrock dip and/or surface irregularities. The off-end shot times are used to extrapolate the rock refractions from either end back to their respective shot locations. With this information and related overburden velocities, it is possible to compute the depth to bedrock not only below each shot point, but also below each detector.

In addition, the interpretation was assisted by the generalized reciprocal method. This method is a technique for delineating undulating refractors at any depth from in-line seismic refraction data consisting of forward and reverse travel times. The arrival times at two geophone positions, separated by a variable distance,  $XY$ , are used in refractor velocity analysis and time-depth calculations. At the optimum  $XY$  separation, the rays to each geophone emerge from near the same point on the refractor and the refractor velocity analysis and time depths are the most detailed. Perpendicular thicknesses are obtained from time-depths and the depth conversion factor.

The interpretation is considered preliminary due to budget restrictions at this time. However, where correlations can be made with drill hole results, the accuracy of the seismic is within accepted limits. A greater accuracy can be obtained by correlating more closely the drill hole logs of the overlying gravels and tills with their seismic velocities.

The interpreted seismic profiles are plotted on figures #1 to #10 each at a scale of 1:1,500. The location of the ten lines is shown on the plan, Map #2, which is at a scale of 1:5,000. The base for this map was drawn by employees of Krueckl and Associates.

### DISCUSSION OF RESULTS

A suggested classification of the velocities is as follows:

<u>Velocity (meters/seconds)</u>	<u>Suggested Material</u>
330 - 800	Overburden: loose surficial sand, gravel, till
800 - 1500	Overburden: till, sand, gravel, compact.
1500 - 2240	Overburden: till, sand, gravel, watersaturated, very compact.
3640 - 4500	Bedrock: volcanics, possibly sediments.
5000 - 6400	Bedrock: probably volcanics, limestone, possibly intrusives.

Horizontal changes in overburden velocity may be caused by a variable water content, type of material and/or compactness of the material.

Arbitrary boundaries within the overburden should be treated as physical changes and not necessarily as geological boundaries.

The bedrock velocities below 4500 m/s are more typical of volcanics. These could also include higher velocity sediments such as chert or metamorphic rock such as quartzite and schist.

Bedrock velocities above 5000 m/s are more suggestive of intrusives though none are known in this area of Spruce Creek. Probably the rock-type is therefore highly-competent volcanics. Velocities above 6,000 m/s are quite suggestive of limestone, which is known to occur in the area.

The number of seismic velocity layers occurring on the project site varies from 2 to 5 though for most of the site it is 4. For the 5-layer cases, the geophone spacing was not close enough and therefore, it was not possible to determine the boundaries between the layers.

The Spruce Creek channel is not shown as distinctly on the Carnes Creek property as it is on the neighbouring property upstream to the east (Nolan Mines). The bedrock slopes downward into Spruce Creek and flattens out for several hundred meters and then slopes upward northerly (only line North and line 40+00E show the northern slope of the channel). There is no distinct edge to the channel, that is, no distinct rimrock. In addition, gold is found throughout the overburden compounding the difficulty in defining the channel. However, in consultation with George Krueckl, a preliminary mapping of the rimrock was drawn in and is shown on the plan (map #2). It must be pointed out, however, that it is simply a sketch and is only drawn in to show the trace of the buried channel.

For all the drill holes (drilled after the seismic survey) except for 3, bedrock is shown to be at a slightly shallower depth than the seismic-interpreted depths. The probable reason is that the bedrock is weathered and the seismic survey does not recognize the weathered layer as being different from the overburden. Their velocities are probably similar.

Additional comments on the lines are as follows:



0+00E (depths - 10 to 34 m) - The interpretation was difficult towards the northern part of the line due to an uncertain vertical velocity distribution. It is felt the depths may be greater but are not likely shallower. This line was limited in length due to steep slopes to the north.

10+00E (depths - 22 to 90 m) - This line was flooded to the south causing its termination. The divisions between some of the velocity horizons were unclear.

A channel within the main channel is shown below geophone 13. It likely contains a greater concentration of gold.

20+00E (depth - 15 to 96 m) - Below geophone 27 also shows a channel within the main channel which therefore likely carries more placer gold.

40+00E (depths - 12 to 88 m) - Towards the south end, the layer separation is unclear.

50+00E (depths - 10 to 95 m) - Below geophone 15 also shows a channel within the main channel.

60+00E (depths - 10 to 46 m) - The interpretation was a little difficult on this line and thus the bedrock may be somewhat deeper.

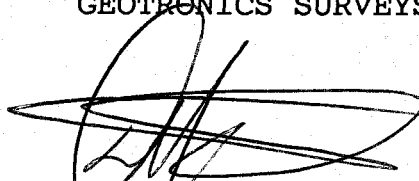
70+00E (depths - 5 to 12 m)

80+00E (depths - 13 to 47 m)

North (depths - 31 to 59 m) - This line was done to determine the northern edge of the channel. It shows it to extend well under the northern bank of Spruce Creek.

South (depths - 20 to 25 m) - This line was carried out to check for the possibility of a buried channel along or parallel to Little Spruce Creek. No channel was found and the bedrock was shown to be quite shallow.

Respectfully submitted,  
GEOTRONICS SURVEYS LTD.

A handwritten signature in black ink, appearing to be 'D. G. Mark', written over a circular scribble.

David G. Mark  
Geophysicist

January 4, 1988

42/G412

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1987.

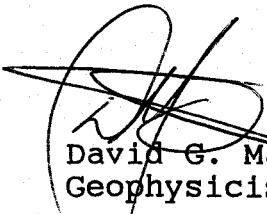
GEOPHYSICIST'S CERTIFICATE

I, DAVID G. MARK, of the City of Vancouver, in the Province of British Columbia, do hereby certify:

That I am a Consulting Geophysicist of Geotronics Surveys Ltd., with offices at #530-800 West Pender Street, Vancouver, British Columbia.

I further certify that:

1. I am a graduate of the University of British Columbia (1968) and hold a B.Sc. degree in Geophysics.
2. I have been practising my profession for the past 18 years and have been active in the mining industry for the past 21 years.
3. I am an active member of the Society of Exploration Geophysicists and a member of the European Association of Exploration Geophysicists.
4. This report is compiled from data obtained from a seismic refraction survey carried out under the supervision of Andrew Rybaltowski, geophysicist, during the period June 26th to July 15th, 1987.
5. I do not hold any interest in Carnes Creek Explorations Ltd. nor in any placer leases the company has an interest in, nor do I expect to receive any interest as a result of writing this report.



David G. Mark  
Geophysicist

January 4, 1988

AFFIDAVIT OF EXPENSES

This is to certify that the seismic refraction survey carried out on Carnes Creek's Spruce Creek property near Atlin in the Atlin M.D., B.C., from June 26th to July 15th, 1987, was done to the value of the following:

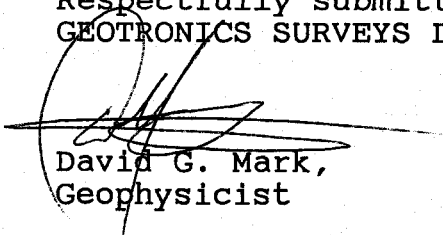
Field:

Mobilization-demobilization	\$ 6,787.00
4-man geophysics crew, 113.3 hours at \$110/hr.	12,463.00
Room and board	4,500.00
Instrument rental, 3 weeks at \$1,750/week	5,250.00
Truck rental and gas	2,155.00
Explosives and seismocaps	<u>2,997.00</u>
	<u>\$34,152.00</u>

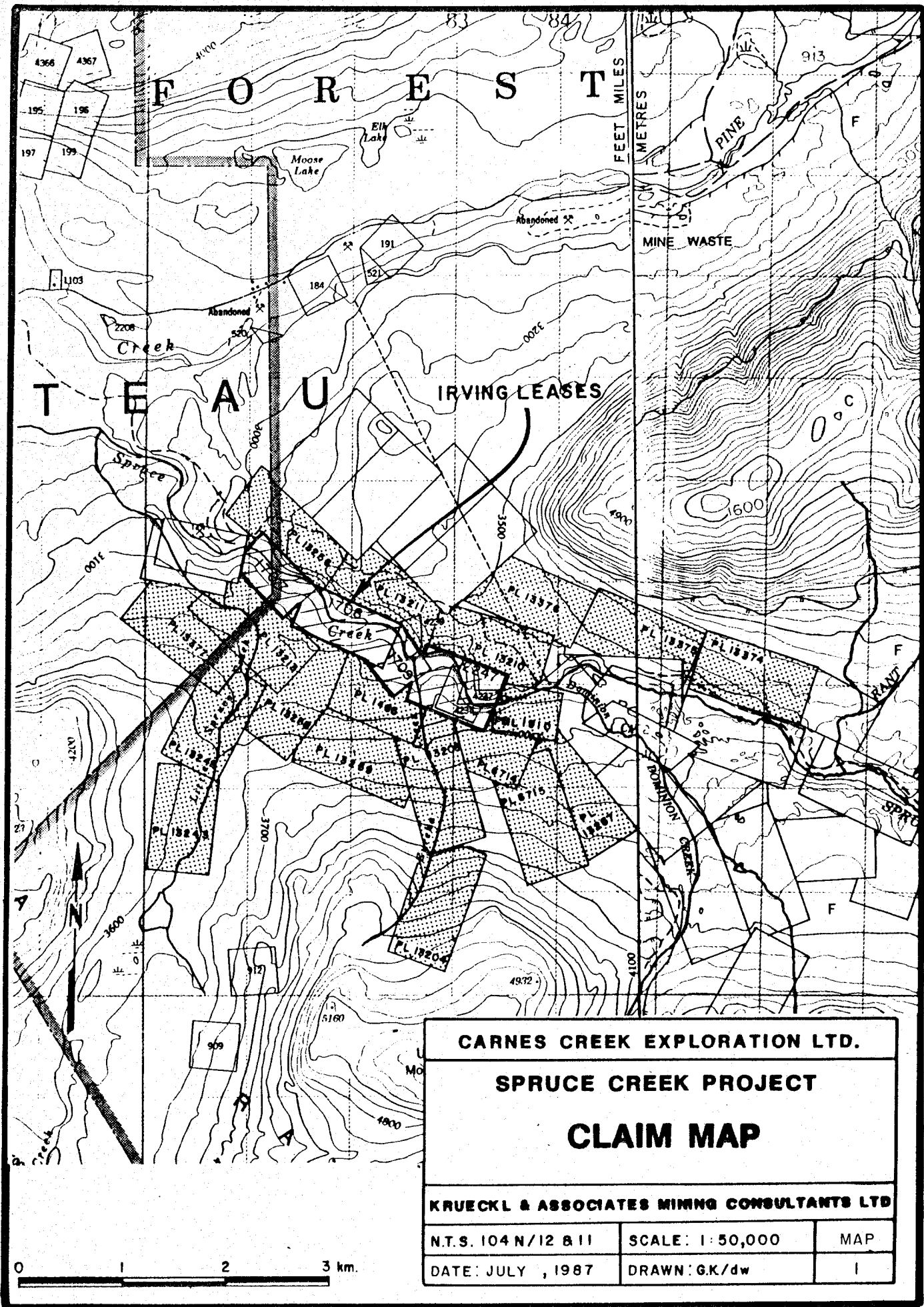
Report:

Geophysicist, 136 hours at \$40/hr.	\$ 5,440.00
Geophysical technician, 55 hours at \$25/hr.	1,375.00
Drafting and printing	1,500.00
Report typing and compilation	<u>100.00</u>
	<u>\$ 8,415.00</u>
	<u><u>\$42,567.00</u></u>

Respectfully submitted,  
GEOTRONICS SURVEYS LTD.

  
David G. Mark,  
Geophysicist

42/G412



**CARNES CREEK EXPLORATION LTD.**

**SPRUCE CREEK PROJECT**

**CLAIM MAP**

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**KRUECKL & ASSOCIATES MINING CONSULTANTS LTD**

N.T.S. 104 N/12 B 11	SCALE: 1:50,000	MAP
DATE: JULY , 1987	DRAWN: G.K/dw	I



APPENDIX III

DRILL LOGS

MINING GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,703

PART 2 OF 2



CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 15, 1987

HOLE NAME:		NORTHING	EASTING	ELEVATION OF COLLAR		
FDH 87-01		6603593.50	581748.90	920.60 M		
DRILL CONTRACTOR		LOGGED BY	HOLE SIZE	HOLE LENGTH		
Owens Drilling		B. Wasiliew	18.08 cm	45.70 M		
DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	119651		Grey	18.37		
0.61-1.22 ( 2-4 )	119652		Grey	13.15		
1.22-1.83 ( 4-6 )	119653		Grey	10.21	0.020 oz/yc <sup>3</sup>	2 coarse colors, 5 medium color
1.83-2.44 ( 6-8 )	119654		Grey	8.39	12 ft.	100 fine colors
2.44-3.05 ( 8-10 )	119655		Grey	8.39		100 very fine colors
3.05-3.66 ( 10-12 )	119656		Grey	15.20		\$11.00/yc <sup>3</sup> @ \$550.00 gold
3.66-4.27 ( 12-14 )	119657		Grey	11.57		Total gold 1.2 grains
4.27-4.88 ( 14-16 )	119658		Grey	12.70		
4.88-5.49 ( 16-18 )	119659		Grey	14.29		
5.49-6.10 ( 18-20 )	119660		Grey	20.19	0.005 oz/yc <sup>3</sup>	4 medium colors
6.10-6.71 ( 20-22 )	119661		Grey	16.10	12 ft.	6 fine colors
6.71-7.32 ( 22-24 )	119662		Grey	22.68		100 very fine colors
7.32-7.92 ( 24-26 )	119663		Grey	23.81		\$2.75/yc <sup>3</sup> @ \$550.00 gold
7.92-8.53 ( 26-28 )	119664		Grey	24.72		Total gold 0.3 grains
8.53-9.14 ( 28-30 )	119665		Grey	29.71		1 medium color
9.14-9.75 ( 30-32 )	119666		Grey	22.91	0.003 oz/yc <sup>3</sup>	3 fine colors
9.75-10.36 ( 32-34 )	119667		Grey	25.17	12 ft.	30 very fine colors
10.36-10.97 ( 34-36 )	119668		Grey	20.87		\$1.65/yc <sup>3</sup> @ \$550.00 gold
10.97-11.58 ( 36-38 )	119669		Grey	16.56		Total gold 0.2 grains
11.58-12.19 ( 38-40 )	119670		Grey	14.52		
12.19-12.80 ( 40-42 )	119671		Grey	14.29	0.010 oz/yc <sup>3</sup>	100 very fine colors \$5.50/yc <sup>3</sup>
12.80-13.41 ( 42-44 )	119672		Grey	20.87	6 ft.	@ \$550.00 gold
13.41-14.02 ( 44-46 )	119673		Grey	26.54		Total gold 0.3 grains
14.02-14.63 ( 46-48 )	119674		Grey-Brown	21.09	0.003 oz/yc <sup>3</sup>	30 very fine colors, approx
					6 ft.	\$1.65/yc <sup>3</sup> @ \$550.00 gold
						*TOP OF TERTIARY GRAVEL @ 14.6

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 15, 1987

HOLE NAME PDH 87-01

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	119675		Brown-Grey	24.72		
15.24-15.85 ( 50-52 )	119676		Brown-Grey	31.75	0.003 oz/yc <sup>3</sup> 6 ft	30 very fine colors, approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
15.85-16.46 ( 52-54 )	119677		Brown-Grey	32.89		
16.46-17.07 ( 54-56 )	119678		Brown-Grey	37.42		
17.07-17.68 ( 56-58 )	119679		Brown-Grey	39.69		
17.68-18.29 ( 58-60 )	119680		Brown-Grey	40.60	0.002 oz/yc <sup>3</sup> 12 ft.	30 very fine colors, approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
18.29-18.90 ( 60-62 )	119681		Brown-Grey	47.85		
18.90-19.51 ( 62-64 )	119682		Brown-Grey	45.59		
19.51-20.12 ( 64-66 )	119683		Brown-Grey	45.81		
20.12-20.73 ( 66-68 )	119684		Brown	37.20		
20.73-21.34 ( 68-70 )	119685		Brown	43.09		
21.34-21.95 ( 70-72 )	119686		Brown	40.82	0.002 oz/yc <sup>3</sup> 12 ft.	15 very fine colors, approx. \$1.10/yc <sup>3</sup> (@ \$550.00 gold)
21.95-22.56 ( 72-74 )	119687		Grey-Brown	40.37		
22.56-23.16 ( 74-76 )	119688		Grey-Brown	34.70		
23.16-23.77 ( 76-78 )	119689		Brown	41.73		
23.77-24.38 ( 78-80 )	119690		Red-Brown	25.63		
24.38-24.99 ( 80-82 )	119691		Brown	10.89		1 medium col. 6 fine colors, 100 very fine colors. \$3.85/yc <sup>3</sup> @ \$550.00 gc
24.99-25.60 ( 82-84 )	119692		Brown	7.94		Total gold 0.4 grains
25.60-26.21 ( 84-86 )	119693		Brown	26.08	0.007 oz/yc <sup>3</sup> 12 ft.	
26.21-26.82 ( 86-88 )	119694		Brown	12.25		
26.82-27.43 ( 88-90 )	119695		Brown	28.35		
27.43-28.04 ( 90-92 )	119696		Brown	26.99		
28.04-28.65 ( 92-94 )	119697		Brown	28.35		
28.65-29.26 ( 94-96 )	119698		Brown	41.96	TR 12 ft.	2 very fine colors

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 CARNES CREEK EXPLORATIONS LTD.  
 BOREHOLE DRILLING LOG

DATE: September 15, 1987

HOLE NAME FDH 87-01

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	119699		Brown	30.39		
29.87-30.48 ( 98-100 )	119700		Brown	32.66		
30.48-31.09 ( 100-102 )	119701		Brown	35.83		
31.09-31.70 ( 102-104 )	119702		Grey-Brown	32.21		
31.70-32.31 ( 104-106 )	119703		Grey-Brown	33.79		
32.31-32.92 ( 106-108 )	119704		Grey-Brown	20.19	TR 12 ft.	2 very fine colors
32.92-33.53 ( 108-110 )	119705		Grey-Brown	27.44		
33.53-34.14 ( 110-112 )	119706		Grey-Brown	19.05		
34.14-34.75 ( 112-114 )	119707		Grey-brown	27.44		
34.75-35.36 ( 114-116 )	119708		Grey-Brown	38.33		0 coarse colors, 0 medium colc 1 fine color, 100 very fine colors. \$11.00/yc <sup>3</sup> (@ \$550.00 gold)
35.36-35.97 ( 116-118 )	119709		Grey-Brown	41.50	0.020 oz/yc <sup>3</sup> 6 ft	Total gold 0.6 grains
35.97-36.58 ( 118-120 )	119710		Grey-Brown	18.14		
36.58-37.19 ( 120-122 )	119711		Grey-Brown	41.05		
37.19-37.80 ( 122-124 )	119712		Grey-Brown	37.20	0.007 oz/yc <sup>3</sup> 6 ft.	40 very fine colors, <u>approx.</u> \$3.85/yc <sup>3</sup> (@ \$550.00 gold)
37.80-38.40 ( 124-126 )	119713		Grey-Brown	38.56		
38.40-39.01 ( 126-128 )	119714		Grey-Brown	29.94		
39.01-39.62 ( 128-130 )	119715		Grey-Brown	35.38	0.007 oz/yc <sup>3</sup> 6 ft.	40 very fine colors, <u>approx.</u> \$3.85/yc <sup>3</sup> (@ \$550.00 gold)
39.62-40.23 ( 130-132 )	119716		Grey	39.46		
40.23-40.84 ( 132-134 )	119717		Grey	36.97		Bedrock @ 39.6 M
40.84-41.45 ( 134-136 )	119718		Grey	27.22	0.005 oz/yc <sup>3</sup> 4 ft.	30 very fine colprs, <u>approx.</u> \$2.75/yc <sup>3</sup> (@ \$550.00 gold)
41.45-45.70 END OF HOLE	NO SAMPLES @ 45.70 METERS					

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 16, 1987

HOLE NAME: FDH - 87 - 02		NORTHING 6603615.80	EASTING 581741.40	ELEVATION OF COLLAR 917.80 M		
DRILL CONTRACTOR Owen's Drilling		LOGGED BY B. Wasiliew	HOLE SIZE 18.08 cm	HOLE LENGTH 37.8 M		
DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	119726		Black	18.60		
0.61-1.22 ( 2-4 )	119727		Black	8.62		
1.22-1.83 ( 4-6 )	119728		Black	7.48	0.003 oz/yd <sup>3</sup>	40 very fine colors approx. \$1.65/yd <sup>3</sup> @ \$550.00 gold
1.83-2.44 ( 6-8 )	119729		Black	13.15	12 ft.	
2.44-3.05 ( 8-10 )	119730		Black	23.36		
3.05-3.66 ( 10-12 )	119731		Black	19.05		
3.66-4.27 ( 12-14 )	119732		Grey	15.42		
4.27-4.88 ( 14-16 )	119733		Grey	19.05		
4.88-5.49 ( 16-18 )	119734		Grey	16.33	TR	3 very fine colors
5.49-6.10 ( 18-20 )	119735		Grey	13.61	12 ft.	
6.10-6.71 ( 20-22 )	119736		Grey	26.76		
6.71-7.32 ( 22-24 )	119737		Grey	15.42		
7.32-7.92 ( 24-26 )	119738		Grey	17.01		
7.92-8.53 ( 26-28 )	119739		Grey	29.94		
8.53-9.14 ( 28-30 )	119740		Grey	19.05	0.002 oz/yd <sup>3</sup>	20 very fine colors approx. \$1.10/yd <sup>3</sup> @ \$550.00 gold
9.14-9.75 ( 30-32 )	119741		Grey	15.42	12 ft.	
9.75-10.36 ( 32-34 )	119742		Grey	26.31		
10.36-10.97 ( 34-36 )	119743		Grey	29.48		
10.97-11.58 ( 36-38 )	119744		Grey	19.96		
11.58-12.19 ( 38-40 )	119745		Grey	34.47	0.003 oz/yd <sup>3</sup>	20 very fine colors approx. \$1.65/yd <sup>3</sup> @ \$550.00 gold
12.19-12.80 ( 40-42 )	119746		Grey-Brown	28.80	6 ft.	
12.80-13.41 ( 42-44 )	119747		Grey-Brown	31.75		*Top of Tertiary @ 12.8 M
13.41-14.02 ( 44-46 )	119748		Brown	24.04	0.007 oz/yd <sup>3</sup>	40 very fine colors approx. \$3.85/yd <sup>3</sup> @ \$550.00 gold
14.02-14.63 ( 46-48 )	119749		Brown	34.02	6 ft.	

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 16, 1987

HOLE NAME FDH - 87 - 02						
DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	119750		Brown	31.75		
15.24-15.85 ( 50-52 )	119751		Grey	34.25		
15.85-16.46 ( 52-54 )	119752		Grey	35.38	TR	1 very fine color
16.46-17.07 ( 54-56 )	119753		Grey-Brown	32.21	12 ft.	
17.07-17.68 ( 56-58 )	119754		Grey-Brown	18.82		
17.68-18.29 ( 58-60 )	119755		Grey	14.29		
18.29-18.90 ( 60-62 )	119756		Grey-Brown	20.87		
18.90-19.51 ( 62-64 )	119757		Brown-Grey	22.68		
19.51-20.12 ( 64-66 )	119758		Brown-Grey	29.71	0.024 oz/yd <sup>3</sup>	6 medium colors
20.12-20.73 ( 66-68 )	119759		Brown-Grey	21.77	12 ft.	2 very fine colors \$13.20/yd <sup>3</sup> @ \$550.00 gold
20.73-21.34 ( 68-70 )	119760		Grey	30.84		Total gold 1.4 grains
21.34-21.95 ( 70-72 )	119761		Grey-Brown	29.48		
21.95-22.56 ( 72-74 )	119762		Grey-Brown	29.48		
22.56-23.16 ( 74-76 )	119763		Red-Brown	21.77		
23.16-23.77 ( 76-78 )	119764		Redish-Brown	19.50	0.007 oz/yd <sup>3</sup>	2 medium colors
23.77-24.38 ( 78-80 )	119765		Redish-Brown	16.33	12 ft.	7 very fine colors approx. \$3.85/yd <sup>3</sup> @ \$550.00 gold
24.38-24.99 ( 80-82 )	119766		Redish-Brown	19.50		
24.99-25.60 ( 82-84 )	119767		Dark Brown	28.12		
25.60-26.21 ( 84-86 )	119768		Redish-Grey	20.41		
26.21-26.82 ( 86-88 )	119769		Redish-Grey	25.40		
26.82-27.43 ( 88-90 )	119770		Grey-Brown	26.76	TR	1 fine color
27.43-28.04 ( 90-92 )	119771		Grey-Brown	18.60	12 ft.	1 very fine color
28.04-28.65 ( 92-94 )	119772		Grey-Brown	25.40		
28.65-29.26 ( 94-96 )	119773		Grey	26.76		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 16, 1987

HOLE NAME FDH - 87 - 02

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	119774		Grey	23.13		
29.87-30.48 ( 98-100 )	119775		Grey	35.15		
30.48-31.09 ( 100-102 )	119776		Grey	26.31	TR	1 very fine color
31.09-31.70 ( 102-104 )	119777		Grey	30.39	12 ft.	
31.70-32.31 ( 104-106 )	119778		Grey	30.39		
32.31-32.92 (106-108 )	119779		Grey	28.58		
32.92-33.53 ( 108-110 )	119780		Grey-Brown	30.39	0.007 oz/yc <sup>3</sup>	
33.53-34.14 ( 110-112 )	119781		Brown-Grey	15.88	6 ft.	
34.14-34.75 ( 112-114 )	119782		Dark Grey	32.21		
34.75-35.36 ( 114-116 )	119783		Grey	36.29	0.003 oz/yc <sup>3</sup>	*Bedrock @ 34.1 M
35.36-35.97 ( 116-118 )	119784		Grey	34.25	6 ft.	35 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
35.97-36.58 ( 118-120 )	119785		Grey	41.73		
36.58-37.19 ( 120-122 )	119786		Grey	44.45	TR	10 very fine colors
37.19-37.80 ( 122-124 )	119787		Grey	43.09	4 ft.	
END OF HOLE		@ 37.80 METERS				

CARNES CREEK EXPLORATIONS LTD.  
 BOREHOLE DRILLING LOG

DATE: September 18, 1987

HOLE NAME: PDH - 87 - 03	NORTHING 6603896.30	EASTING 581600.70	ELEVATION OF COLLAR 918.30 M
DRILL CONTRACTOR Owen's Drilling	LOGGED BY B. Wasiliew	HOLE SIZE 18.08 cm	HOLE LENGTH 57.30 M

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	119801		Grey	4.08		
0.61-1.22 ( 2-4 )	119802		Grey	6.80		
1.22-1.83 ( 4-6 )	119803		Grey	14.06	No Sample	
1.83-2.44 ( 6-8 )	119804		Grey	9.53	12 ft.	
2.44-3.05 ( 8-10 )	119805		Grey	17.46		
3.05-3.66 ( 10-12 )	119806		Grey	14.52		
3.66-4.27 ( 12-14 )	119807		Grey	19.05		
4.27-4.88 ( 14-16 )	119808		Grey	8.85		
4.88-5.49 ( 16-18 )	119809		Grey	10.43		
5.49-6.10 ( 18-20 )	119810		Grey	17.01	TR 12 ft.	1 fine color
6.10-6.71 ( 20-22 )	119811		Grey	29.71		
6.71-7.32 ( 22-24 )	119812		Grey	21.55		
7.32-7.92 ( 24-26 )	119813		Grey	30.84		
7.92-8.53 ( 26-28 )	119814		Grey	33.11		
8.53-9.14 ( 28-30 )	119815		Grey	34.47	TR 12 ft.	5 fine colors
9.14-9.75 ( 30-32 )	119816		Grey	25.86		
9.75-10.36 ( 32-34 )	119817		Grey	34.93		
10.36-10.97 ( 34-36 )	119818		Grey	34.93		
10.97-11.58 ( 36-38 )	119819		Grey	34.47		
11.58-12.19 ( 38-40 )	119820		Grey	35.15		
12.19-12.80 ( 40-42 )	119821		Grey	31.53		
12.80-13.41 ( 42-44 )	119822		Grey	30.84	TR 12 ft.	3 very fine colors
13.41-14.02 ( 44-46 )	119823		Grey	27.67		
14.02-14.63 ( 46-48 )	119824		Grey	41.73		





CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 18, 1987

BOLE NAME FDH - 87 - 03

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	119849		Grey-Brown	21.77		
29.87-30.48 ( 98-100 )	119850		Grey-Brown	28.58	0.010 oz/yc <sup>3</sup> 6 ft.	1 coarse color 2 medium colors 10 very fine colors
30.48-31.09 ( 100-102 )	119851		Brown-Grey	34.47		\$5.50/yc <sup>3</sup> @ \$550.00 gold
31.09-31.70 ( 102-104 )	119852		Brown-Grey	39.46		
31.70-32.31 ( 104-106 )	119853		Grey, Red, Brown	37.65	0.007 oz/yc <sup>3</sup> 6 ft.	8 fine colors 20 very fine colors
32.31-32.92 (106-108 )	119854		Red, Brown	31.75		\$3.85/yc <sup>3</sup> @ \$550.00 gold
32.92-33.53 ( 108-110 )	119855		Red, Brown	36.74		*Top of Tertiary @ 32.3 M 2 fine colors
33.53-34.14 ( 110-112 )	119856		Brown, Red	26.31	0.003 oz/yc <sup>3</sup> 6 ft.	16 very fine colors
34.14-34.75 ( 112-114 )	119857		Red, Brown	26.31		\$1.65/yc <sup>3</sup> @ \$550.00 gold
34.75-35.36 ( 114-116 )	119858		Red, Brown	35.38		
35.36-35.97 ( 116-118 )	119859		Brown, Red	33.57		
35.97-36.58 ( 118-120 )	119860		Red, Brown	18.60	TR 12 ft.	2 fine colors 1 very fine color
36.58-37.19 ( 120-122 )	119861		Red, Brown	22.23		
37.19-37.80 ( 122-124 )	119862		Red, Brown	45.81		
37.80-38.40 ( 124-126 )	119863		Brown, Red	24.95		
38.40-39.01 ( 126-128 )	119864		Red, Brown	33.57		
39.01-39.62 ( 128-130 )	119865		Red, Brown	30.84		
39.62-40.23 ( 130-132 )	119866		Red, Brown	31.75	TR 12 ft.	1 fine color 3 very fine colors
40.23-40.84 ( 132-134 )	119867		Red, Brown	26.76		
40.84-41.45 ( 134-136 )	119868		Grey	37.20		
41.5-42.06 ( 136-138 )	119869		Grey	39.46		
42.06-42.67 ( 138-140 )	119870		Grey	30.39		
42.67-43.28 ( 140-142 )	119871		Grey	29.03	TR 12 ft.	8 very fine colors
43.28-43.89 ( 142-144 )	119872		Grey	34.02		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 18, 1987

HOLE NAME FDH - 87 - 03

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
43.89-44.50 (144-146)	119873		Grey	34.02		
44.50-45.11 (146-148)	119874		Brown	30.84		
45.11-45.72 (148-150)	119875		Brown	16.78		
45.72-46.33 (150-152)	119876		Red, Brown	18.60		
46.33-46.94 (152-154)	119877		Red, Brown	22.23		
46.94-47.55 (154-156)	119878		50% Red Brown 50% Grey	21.77		
47.55-48.16 (156-158)	119879		Red, Brown	12.25	TR	4 very fine colors
48.16-48.77 (158-160)	119880		Grey	19.50	12 ft.	
48.77-49.38 (160-162)	119881		White, Grey	25.40		
49.38-49.99 (162-164)	119882		White, Grey	34.47		
49.99-50.60 (164-166)	119883		Grey	32.89	TR	4 very fine colors
50.60-51.21 (166-168)	119884		Grey, Brown Grey, Brown	28.58	6 ft.	
51.21-51.82 (168-170)	119885		Red, Brown Red, Brown	30.84		
51.82-52.43 (170-172)	119886		Brown	39.01	TR	1 fine color
52.43-53.04 (172-174)	119887		Grey Grey	41.28	6 ft.	4 very fine colors
53.04-53.64 (174-176)	119888		Grey	41.28		* BEDROCK @ 53.0 M
53.64-54.25 (176-178)	119889		Grey	28.35	TR	3 very fine colors
54.25-54.86 (178-180)	119890		Grey	16.33	6 ft.	
54.86-55.47 (180-182)	119891		Grey	14.52		
55.47-56.08 (182-184)	119892		Grey	23.13	TR	1 very fine color
56.08-56.69 (184-186)	119893		Grey	16.78	6 ft.	
56.69-57.30 (186-188)	119894					No Sample

End of Hole @ 57.30 METERS

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 20, 1987

HOLE NAME: FDH - 87 - 04	NORTHING 6603881.70	EASTING 581588.40	ELEVATION OF COLLAR 925.30 M
DRILL CONTRACTOR Owen's Drilling	LOGGED BY B. Wasiliew	HOLE SIZE 18.08 cm	HOLE LENGTH 59.13 M

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	119901		Grey	15.65		
0.61-1.22 ( 2-4 )	119902		Grey	7.26		
1.22-1.83 ( 4-6 )	119903		Grey	6.58	0.002 oz/yc <sup>3</sup> 12 ft.	32 very fine colors approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
1.83-2.44 ( 6-8 )	119904		Grey	13.38		
2.44-3.05 ( 8-10 )	119905		Grey	4.08		
3.05-3.66 ( 10-12 )	119906		Grey	6.80		
3.66-4.27 ( 12-14 )	119907		Grey	24.49		
4.27-4.88 ( 14-16 )	119908		Grey	28.80		
4.88-5.49 ( 16-18 )	119909		Grey	24.95	0.014 oz/yc <sup>3</sup> 12 ft.	1 coarse color 1 fine color 6 very fine colors \$7.70/yc <sup>3</sup> @ \$550.00 gold Total gold 0.8 grains
5.49-6.10 ( 18-20 )	119910		Grey	23.59		
6.10-6.71 ( 20-22 )	119911		Grey	14.52		
6.71-7.32 ( 22-24 )	119912		Grey	17.92		
7.32-7.92 ( 24-26 )	119913		Grey	18.37		
7.92-8.53 ( 26-28 )	119914		Grey	18.60		
8.53-9.14 ( 28-30 )	119915		Grey	24.72	0.005 oz/yc <sup>3</sup> 12 ft.	4 fine colors 25 very fine colors \$2.75/yc <sup>3</sup> @ \$550.00 gold Total gold 0.3 grains
9.14-9.75 ( 30-32 )	119916		Grey	24.27		
9.75-10.36 ( 32-34 )	119917		Grey	28.58		
10.36-10.97 ( 34-36 )	119918		Grey	34.25		
10.97-11.58 ( 36-38 )	119919		Grey	18.60		
11.58-12.19 ( 38-40 )	119920		Grey	34.47		
12.19-12.80 ( 40-42 )	119921		Grey, Brown	30.84	0.007 oz/yc <sup>3</sup> 12 ft.	12 fine colors 30 very fine colors \$3.85/yc <sup>3</sup> @ \$550.00 gold Total gold 0.4 grains
12.80-13.41 ( 42-44 )	119922		Grey, Brown	25.17		
13.41-14.02 ( 44-46 )	119923		Grey, Brown	39.01		
14.02-14.63 ( 46-48 )	119924		Grey, Brown	44.45		

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 CRNES CREEK EXPLORATIONS LTD.  
 BOREHOLE DRILLING LOG

DATE: September 20, 1987

HOLE NAME RDH - 87 - 04

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	119925		Grey, Brown	39.46		
15.24-15.85 ( 50-52 )	119926		Grey, Brown	33.11		
15.85-16.46 ( 52-54 )	119927		Grey, Brown	30.84	0.005 oz/yc <sup>3</sup> 12 ft.	4 fine colors 20 very fine colors \$2.75/yc <sup>3</sup> @ \$550.00 gold Total gold 0.3 grains
16.46-17.07 ( 54-56 )	119928		Grey, Brown	27.67		
17.07-17.68 ( 56-58 )	119929		Grey, Brown	32.21		
17.68-18.29 ( 58-60 )	119930		Grey, Brown	28.12		
18.29-18.90 ( 60-62 )	119931		Grey, Brown	26.31		
18.90-19.51 ( 62-64 )	119932		Grey, Brown	28.80		
19.51-20.12 ( 64-66 )	119933		Grey, Brown	17.46	0.002 oz/yc <sup>3</sup> 12 ft.	18 very fine colors approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
20.12-20.73 ( 66-68 )	119934		Grey, Brown	25.40		
20.73-21.34 ( 68-70 )	119935		Grey, Brown	34.47		
21.34-21.95 ( 70-72 )	119936		Grey, Brown	33.34		
21.95-22.56 ( 72-74 )	119937		Grey	34.02		
22.56-23.16 ( 74-76 )	119938		Grey	48.76		1 medium color 50 fine colors
23.16-23.77 ( 76-78 )	119939		Grey	42.87	0.212 oz/yc <sup>3</sup> 12 ft	more than 100 very fine colors \$116.60/yc <sup>3</sup> @ \$550.00 gold Total gold 12.5 grains
23.77-24.38 ( 78-80 )	119940		Grey	34.70		
24.38-24.99 ( 80-82 )	119941		Grey	23.36		
24.99-25.60 ( 82-84 )	119942		Grey	23.13		
25.60-26.21 ( 84-86 )	119943		Grey	31.53		
26.21-26.82 ( 86-88 )	119944		Grey	21.32		
26.82-27.43 ( 88-90 )	119945		Grey	14.97	0.010 oz/yc <sup>3</sup> 12 ft	100 very fine colors \$5.50/yc <sup>3</sup> @ \$550.00 gold Total gold 0.6 grains
27.43-28.04 ( 90-92 )	119946		Grey	23.36		
28.04-28.65 ( 92-94 )	119947		Grey	44.45		
28.65-29.26 ( 94-96 )	119948		Grey	27.90		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 20, 1987

HOLE NAME PDH - 87 - 04

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	119949		Grey	35.15		
29.87-30.48 ( 98-100 )	119950		Grey	33.79		
30.48-31.09 ( 100-102 )	119951		Grey	49.22	0.169 oz/yc <sup>3</sup> 12 ft.	1 medium color 30 fine colors More than 100 very fine colors \$92.95/yc <sup>3</sup> @ \$550.00 gold Total gold 10.0 grains
31.09-31.70 ( 102-104 )	119952		Grey	34.25		
31.70-32.31 ( 104-106 )	119953		Grey	30.16		
32.31-32.92 (106-108 )	119954		Grey	33.57		
32.92-33.53 ( 108-110 )	119955		Grey	32.66		
33.53-34.14 ( 110-112 )	119956		Grey	36.29		
34.14-34.75 ( 112-114 )	119957		Grey	29.48	0.005 oz/yc <sup>3</sup> 12 ft.	75 very fine colors approx. \$2.75/yc <sup>3</sup> @ \$550.00 gold
34.75-35.36 ( 114-116 )	119958		Grey	33.11		
35.36-35.97 ( 116-118 )	119959		Grey	18.60		
35.97-36.58 ( 118-120 )	119960		Grey	32.43		
36.58-37.19 ( 120-122 )	119961		Grey, Brown	19.05		
37.19-37.80 ( 122-124 )	119962		Grey, Brown	24.47		
37.80-38.40 ( 124-126 )	119963		Grey, Brown	30.39		
38.40-39.01 ( 126-128 )	119964		Grey, Brown	32.66	0.019 oz/yc <sup>3</sup> 12 ft.	6 fine colors 50 very fine colors \$10.45/yc <sup>3</sup> @ \$550.00 gold Total gold 1.1 grains
39.01-39.62 ( 128-130 )	119965		Grey, Brown	22.00		
39.62-40.23 ( 130-132 )	119966		Grey, Brown	28.35		*Top of Tertiary @ 39.6 M
40.23-40.84 ( 132-134 )	119967		Grey, Brown	48.08		
40.84-41.45 ( 134-136 )	119968		Grey, Brown	29.94	0.003 oz/yc <sup>3</sup>	
41.45-42.06 ( 136-138 )	119969		Grey, Brown	36.51	6 ft.	3 fine colors 19 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
42.06-42.67 ( 138-140 )	119970		Grey, Brown	33.11		
42.67-43.28 ( 140-142 )	119971		Grey, Brown	29.26	0.064 oz/yc <sup>3</sup> 6 ft.	2 medium colors 10 fine colors 30 very fine colors \$35.20/yc <sup>3</sup> @ \$550.00 gold Total gold 1.9 grains
43.28-43.89 ( 142-144 )	119972		Grey, Brown	24.27		

CHARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 20, 1987

HOLE NAME PDH - 87 - 04

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS		
43.89-44.50 (144-146)	119973		Grey, Brown	48.08	0.015 oz/yd <sup>3</sup> 12 ft.	6 fine colors 50 very fine colors \$8.25/yd <sup>3</sup> @ \$550.00 gold Total gold 0.9 grains		
44.50-45.11 (146-148)	119974		Grey, Brown	34.93				
45.11-45.72 (148-150)	119975		Grey, Brown	36.74				
45.72-46.33 (150-152)	119976		Grey, Brown	36.29				
46.33-46.94 (152-154)	119977		Grey, Brown	32.21				
46.94-47.55 (154-156)	119978		Grey, Brown	39.01				
47.55-48.16 (156-158)	119979		Brown	25.86				
48.16-48.77 (158-160)	119980		Brown	18.14				
48.77-49.38 (160-162)	119981		Brown	17.24			0.002 oz/yd <sup>3</sup> 12 ft.	25 very fine colors approx. \$1.10/yd <sup>3</sup> @ \$550.00 gold
49.38-49.99 (162-164)	119982		Brown	19.50				
49.99-50.60 (164-166)	119983		Grey, Brown	15.42				
50.60-51.21 (166-168)	119984		Grey, Brown	17.69				
51.21-51.82 (168-170)	119985		Brown	22.91				
51.82-52.43 (170-172)	119986		Brown	30.84	TR 6 ft.	15 very fine colors		
52.43-53.04 (172-174)	119987		Brown	29.71				
53.04-53.64 (174-176)	119988		Brown	33.11	TR 6 ft.	3 very fine colors		
53.64-54.25 (176-178)	119989		Brown	29.94				
54.25-54.86 (178-180)	119990		Brown	18.82	TR 6 ft.	6 very fine colors		
54.86-55.47 (180-182)	119991		Brown & White	13.83				
55.47-56.08 (182-184)	119992		Brown	29.48	TR 6 ft.	6 very fine colors		
56.08-56.69 (184-186)	119993		Brown	33.57				
56.69-57.30 (186-188)	119994		Grey, Brown	25.17	TR 4 ft.	0 colors *Bedrock @ 57.9 M		
57.30-57.91 (188-190)	119995		Grey	18.82				
57.91-58.52 (190-192)	119996		Grey	25.63	TR 4 ft.	1 very fine color		
58.52-59.13 (192-194)	119997		Grey	27.90				
END OF HOLE		@ 59.13 METERS						

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 17, 1987

HOLE NAME: PDH - 87 - 05	NORTHING 6604013.30	EASTING 581386.90	ELEVATION OF COLLAR 897.40 M
DRILL CONTRACTOR Owen's Drilling	LOGGED BY B. Wasiliew	HOLE SIZE 18.08 cm	HOLE LENGTH 16.50 M

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	107572		Grey	9.30		
0.61-1.22 ( 2-4 )	107573		Grey	11.11		
1.22-1.83 ( 4-6 )	107574		Grey	9.07		
1.83-2.44 ( 6-8 )	107575		Grey	16.78	0.002 oz/yd <sup>3</sup> 12 ft.	32 very fine colors approx. \$1.10/yd <sup>3</sup> @ \$550.00 gold
2.44-3.05 ( 8-10 )	107576		Grey	14.74		
3.05-3.66 ( 10-12 )	107577		Grey	10.21		
3.66-4.27 ( 12-14 )	107578		Grey	13.15		
4.27-4.88 ( 14-16 )	107579		Grey	13.61		
4.88-5.49 ( 16-18 )	107580		Grey	14.52		
5.49-6.10 ( 18-20 )	107581		Grey	3.40	0.002 oz/yd <sup>3</sup> 12 ft	4 fine colors 4 very fine colors approx. \$1.10/yd <sup>3</sup> @ \$550.00 gold
6.10-6.71 ( 20-22 )	107582		Grey	6.35		
6.71-7.32 ( 22-24 )	107583		Grey	7.71		
7.32-7.92 ( 24-26 )	107584		Grey, Brown	0.91		
7.92-8.53 ( 26-28 )	107585		Grey, Brown	23.59	TR 6 ft.	12 very fine colors
8.53-9.14 ( 28-30 )	107586		Grey	8.62		
9.14-9.75 ( 30-32 )	107587		Grey, Brown	13.15		*TOP OF TERTIARY @ 9.8 M
9.75-10.36 ( 32-34 )	107588		Brown	16.33	0.003 oz/yd <sup>3</sup> TR	31 very fine colors approx. \$1.65/yd <sup>3</sup> @ \$550.00 gold
10.36-10.97 ( 34-36 )	107589		Dark Brown	24.49		
10.97-11.58 ( 36-38 )	107590		Dark Brown	23.13	TR 6 ft.	
11.58-12.19 ( 38-40 )	107591		Dark Brown	24.49		4 very fine colors
12.19-12.80 ( 40-42 )	107592		Brown	26.76		
12.80-13.41 ( 42-44 )	107593		Dark Brown	29.03		
13.41-14.02 ( 44-46 )	107594		Brown	21.32	TR 6 ft.	3 very fine colors
14.02-14.63 ( 46-48 )	107595		Brown	20.87		

CYNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 17, 1987

HOLE NAME EDH - 87 - 05

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	107596		Grey, Brown	27.67	0.002 oz/yc <sup>3</sup> 6 ft.	*BEDROCK @ 15.2 M
15.24-15.85 ( 50-52 )	107597		Light Grey	26.31		25 very fine colors
15.85-16.46 ( 52-54 )	107598		Light Grey	34.02		approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
	END OF HOLE	@ 16.50 METERS				



DATE: September 24-26, 1987

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

HOLE NAME: BH - 87 - 06	NORTHING 6603877.10	EASTING 581084.10	ELEVATION OF COLLAR 960.00 M
DRILL CONTRACTOR Owen's Drilling	LOGGED BY B. Wasiliew & B. Salkeld	HOLE SIZE 18.08 cm	HOLE LENGTH 84.73 M

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	122151		Grey	10.89		
0.61-1.22 ( 2-4 )	122152		Grey	12.02		
1.22-1.83 ( 4-6 )	122153		Grey	7.71		
1.83-2.44 ( 6-8 )	122154		Grey	15.42	0.002 oz/yc <sup>3</sup> 12 ft.	16 very fine colors approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
2.44-3.05 ( 8-10 )	122155		Grey	18.14		
3.05-3.66 ( 10-12 )	122156		Grey	7.94		
3.66-4.27 ( 12-14 )	122157		Grey	11.34		
4.27-4.88 ( 14-16 )	122158		Grey, Brown	29.03		
4.88-5.49 ( 16-18 )	122159		Grey	24.04	TR 12 ft.	11 very fine colors
5.49-6.10 ( 18-20 )	122160		Grey	18.60		
6.10-6.71 ( 20-22 )	122161		Grey	14.97		*TOP OF GREY/BLUE GRAVEL 5.5 METERS
6.71-7.32 ( 22-24 )	122162		Grey	11.79		
7.32-7.92 ( 24-26 )	122163		Grey	25.17		
7.92-8.53 ( 26-28 )	122164		Grey	14.97		
8.53-9.14 ( 28-30 )	122165		Grey	14.97	TR 12 ft.	10 very fine colors
9.14-9.75 ( 30-32 )	122166		Grey	4.99		
9.75-10.36 ( 32-34 )	122167		Grey	21.77		
10.36-10.97 ( 34-36 )	122168		Grey	29.03		
10.97-11.58 ( 36-38 )	122169		Grey	17.20		
11.58-12.19 ( 38-40 )	122170		Grey	13.15		
12.19-12.80 ( 40-42 )	122171		Grey	6.35		
12.80-13.41 ( 42-44 )	122172		Grey	12.93		
13.41-14.02 ( 44-46 )	122173		Grey	10.43	TR 20 ft.	8 very fine colors
14.02-14.63 ( 46-48 )	122174		Grey	10.66		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 24-26, 1987

HOLE NAME PDH - 87 - 06

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	122175		Grey	15.42		
15.24-15.85 ( 50-52 )	122176		Grey	22.23		
15.85-16.46 ( 52-54 )	122177		Grey	21.32		
16.46-17.07 ( 54-56 )	122178		Grey	16.33		
17.07-17.68 ( 56-58 )	122179		Grey	17.69		
17.68-18.29 ( 58-60 )	122180		Grey	19.96		
18.29-18.90 ( 60-62 )	122181		Grey	37.42		
18.90-19.51 ( 62-64 )	122182		Grey	41.28	0.002 oz/yc <sup>3</sup>	1 fine color 40 very fine colors approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
19.51-20.12 ( 64-66 )	122183		Grey	50.80	20 ft.	
20.12-20.73 ( 66-68 )	122184		Grey	45.13		
20.73-21.34 ( 68-70 )	122185		Grey	48.54		
21.34-21.95 ( 70-72 )	122186		Grey	35.61		
21.95-22.56 ( 72-74 )	122187		Grey	50.80		
22.56-23.16 ( 74-76 )	122188		Grey	43.32		
23.16-23.77 ( 76-78 )	122189		Grey	41.28		
23.77-24.38 ( 78-80 )	122190		Grey	50.12		
24.38-24.99 ( 80-82 )	122191		Grey	54.66		
24.99-25.60 ( 82-84 )	122192		Grey	41.28		
25.60-26.21 ( 84-86 )	122193		Grey	41.96	0.024 oz/yc <sup>3</sup>	1 medium color 4 fine colors 50 very fine colors \$13.20/yc <sup>3</sup> @ \$550.00 gold Total gold 2.4 grains
26.21-26.82 ( 86-88 )	122194		Grey	41.73	20 ft.	
26.82-27.43 ( 88-90 )	122195		Grey	43.55		
27.43-28.04 ( 90-92 )	122196		Grey	38.10		
28.04-28.65 ( 92-94 )	122197		Grey	41.50		
28.65-29.26 ( 94-96 )	122198		Grey	32.89		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 24-26, 1987

HOLE NAME FDH - 87 - 06

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	122199		Grey	34.93		
29.87-30.48 ( 98-100 )	122200		Grey	31.30		
30.48-31.09 ( 100-102 )	122201		Grey	44.45		
31.09-31.70 ( 102-104 )	122202		Grey	39.69		
31.70-32.31 ( 104-106 )	122203		Grey	48.08	0.001 oz/yc <sup>3</sup>	25 very fine colors
32.31-32.92 (106-108 )	122204		Grey	40.14	20 ft.	
32.92-33.53 ( 108-110 )	122205		Grey	37.88		
33.53-34.14 ( 110-112 )	122206		Grey	36.06		
34.14-34.75 ( 112-114 )	122207		Grey, Brown	36.97		
34.75-35.36 ( 114-116 )	122208		Grey, Brown	36.29		
35.36-35.97 ( 116-118 )	122209		Grey	28.58		
35.97-36.58 ( 118-120 )	122210		Grey	37.65		
36.58-37.19 ( 120-122 )	122211		Grey	39.92		
37.19-37.80 ( 122-124 )	122212		Grey	27.44		
37.80-38.40 ( 124-126 )	122213		Grey	42.18	0.008 oz/yc <sup>3</sup>	17 fine colors
38.40-39.01 ( 126-128 )	122214		Grey	37.42	20 ft.	20 very fine colors
39.01-39.62 ( 128-130 )	122215		Grey	26.99		\$4.40/yc <sup>3</sup>
39.62-40.23 ( 130-132 )	122216		Grey	35.61		@ \$550.00 gold
40.23-40.84 ( 132-134 )	122217		Grey	34.70		Total gold 0.8 grains
40.84-41.45 ( 134-136 )	122218		Grey	44.45		
41.45-42.06 ( 136-138 )	122219		Grey	49.90		
42.06-42.67 ( 138-140 )	122220		Grey	43.09		
42.67-43.28 ( 140-142 )	122221		Grey	39.01		
43.28-43.89 ( 142-144 )	122222		Grey	38.10		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 24-26, 1987

HOLE NAME PDH - 87 - 06

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
43.89-44.50 (144-146)	122223		Grey, Brown	24.27		
44.50-45.11 (146-148)	122224		Grey, Brown	29.94		
45.11-45.72 (148-150)	122225		Grey, Brown	26.76	0.007 oz/yd <sup>3</sup> 20 ft.	1 medium color 7 fine colors 30 very fine colors \$3.85/yd <sup>3</sup> @ \$550.00 gold Total gold 0.7 grains
45.72-46.33 (150-152)	122226		Grey, Brown	34.93		
46.33-46.94 (152-154)	122227		Grey, Brown	34.93		
46.94-47.55 (154-156)	122228		Grey, Brown	36.29		
47.55-48.16 (156-158)	122229		Grey, Brown	30.39		
48.16-48.77 (158-160)	122230		Grey, Brown	32.21		
48.77-49.38 (160-162)	122231		Grey, Brown	36.97		
49.38-49.99 (162-164)	122232		Grey, Brown	38.10		
49.99-50.60 (164-166)	122233		Grey, Brown	35.15	0.002 oz/yd <sup>3</sup> 20 ft.	10 fine colors 40 very fine colors \$1.10/yd <sup>3</sup> @ \$550.00 gold Total gold 0.2 grains
50.60-51.21 (166-168)	122234		Grey, Brown	41.73		
51.21-51.82 (168-170)	122235		Grey, Brown	41.50		
51.82-52.43 (170-172)	122236		Grey, Brown	31.30		
52.43-53.04 (172-174)	122237		Grey, Brown	47.63		
53.04-53.64 (174-176)	122238		Grey, Brown	22.23		
53.64-54.25 (176-178)	122239		Grey, Brown	26.08		
54.25-54.86 (178-180)	122240		Grey, Brown	36.74		
54.86-55.47 (180-182)	122241		Grey, Brown	29.94		
55.47-56.08 (182-184)	122242		Grey, Brown	29.48		
56.08-56.69 (184-186)	122243		Grey, Brown	28.58	0.002 oz/yd <sup>3</sup> 20 ft.	40 very fine colors approx. \$1.10/yd <sup>3</sup> @ \$550.00 gold
56.69-57.30 (186-188)	122244		Grey, Brown	23.36		
57.30-57.91 (188-190)	122245		Grey, Brown	26.08		
57.91-58.52 (190-192)	122246		Grey, Brown	30.84		
58.52-59.13 (192-194)	122247		Grey, Brown	40.37		
59.13-59.74 (194-196)	122248		Grey, Brown	34.93		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 24-26, 1987

HOLE NAME EDH - 87 - 06

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
59.74-60.35 (196-198)	122249		Grey, Brown	34.47		
60.35-60.96 (198-200)	122250		Grey, Brown	34.02		
60.96-61.57 (200-202)	122251		Grey, Brown	35.83		
61.57-62.18 (202-204)	122252		Grey, Brown	34.25		
62.18-62.79 (204-206)	122253		Grey, Brown	41.73	TR 20 ft.	8 very fine colors
62.79-63.40 (206-208)	122254		Grey, Brown	41.28		
63.40-64.01 (208-210)	122255		Grey, Brown	40.37		
64.01-64.62 (210-212)	122256		Grey, Brown	36.74		
64.62-65.23 (212-214)	122257		Grey, Brown	40.37		
65.23-65.84 (214-216)	122258		Grey, Brown	34.02		
65.84-66.45 (216-218)	122259		Grey	28.12		
66.45-67.06 (218-220)	122260		Grey	33.34		
67.06-67.67 (220-222)	122261		Grey	37.20		
67.67-68.28 (222-224)	122262		Grey	34.93		
68.28-68.88 (224-226)	122263		Grey	35.83	0.001 oz/yc <sup>3</sup> 20 ft.	1 fine color 25 very fine colors
68.88-69.49 (226-228)	122264		Grey	41.50		
69.49-70.10 (228-230)	122265		Grey	33.79		
70.10-70.71 (230-232)	122266		Grey	29.94		
70.71-71.32 (232-234)	122267		Grey	25.63		
71.32-71.93 (234-236)	122268		Brown	33.57		
71.93-72.54 (236-238)	122269		Grey, Brown	25.40		
72.54-73.15 (238-240)	122270		Grey, Brown	30.62		
73.15-73.76 (240-242)	122271		Grey, Brown	36.29		
73.76-74.37 (242-244)	122272		Grey, Brown	29.03		
74.37-74.98 (244-246)	122273		Grey	33.34	0.004 oz/yc <sup>3</sup> 20 ft.	3 medium colors 1 fine color 25 very fine colors
74.98-75.59 (246-248)	122274		Grey	29.94		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 24-26, 1987

HOLE NAME FH - 87 - 06

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
75.59-76.20 (248-250)	122275		Grey	28.12		\$2.20/yd <sup>3</sup> @ \$550.00 gold
76.20-76.81 (250-252)	122276		Grey	29.03		Total gold 0.4 grains
76.81-77.42 (252-254)	122277		Grey	28.58		
77.42-78.03 (254-256)	122278		Grey	28.12		
78.03-78.64 (256-258)	122279		Grey	21.32	0.003 oz/yd <sup>3</sup>	1 fine color 12 very fine colors approx. \$1.65/yd <sup>3</sup> @ \$550.00 gol
78.64-79.25 (258-260)	122280		Grey	24.49	6 ft.	1 fine color 18 very fine colors approx. \$1.65/yd <sup>3</sup> @ \$550.00 gold
79.25-79.86 (260-262)	122281		Grey	28.12		
79.86-80.47 (262-264)	122282		Grey	27.22	0.003 oz/yd <sup>3</sup>	
80.47-81.08 (264-266)	122283		Grey	28.12	6 ft.	
81.08-81.69 (266-268)	122284		Grey	29.48		*BEDROCK @ 80.50 METERS
81.69-82.30 (268-270)	122285		Grey	24.04		1 medium color
82.30-82.91 (270-272)	122286		Grey	25.63	0.010 oz/yd <sup>3</sup>	3 fine colors
82.91-83.52 (272-274)	122287		Grey	25.58	6 ft.	10 very fine colors \$5.50/yd <sup>3</sup> @ \$550.00 gold
83.52-84.12 (274-276)	122288		Grey	28.12	0.007 oz/yd <sup>3</sup>	Total gold 0.3 grains
84.12-84.73 (276-278)	122289		Grey	18.60	4 ft.	1 fine colors 28 very fine colors approx. \$3.85/yd <sup>3</sup> @ \$550.00 gold
END OF HOLE		@ 84.73 METERS				

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 30, 1987

HOLE NAME: EDH - 87 - 07	NORTHING 6603718.50	EASTING 581329.90	ELEVATION OF COLLAR 956.50 M
DRILL CONTRACTOR Owen's Drilling	LOGGED BY B. Wasiliew & B. Salkeld	HOLE SIZE 18.08 cm	HOLE LENGTH 91.40

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	112051		Brown	6.35		
0.61-1.22 ( 2-4 )	112052		Brown	20.87		
1.22-1.83 ( 4-6 )	112053		Brown	15.65		
1.83-2.44 ( 6-8 )	112054		Brown	4.76		
2.44-3.05 ( 8-10 )	112055		Brown	5.67	0.001 oz/yc <sup>3</sup> 20 ft.	2 fine colors 20 very fine colors
3.05-3.66 ( 10-12 )	112056		Brown	9.53		
3.66-4.27 ( 12-14 )	112057		Grey, Brown	4.54		
4.27-4.88 ( 14-16 )	112058		Brown	5.67		
4.88-5.49 ( 16-18 )	112059		Brown	15.42		
5.49-6.10 ( 18-20 )	112060		Grey, Brown	5.67		
6.10-6.71 ( 20-22 )	112061		Grey, Brown	9.98		
6.71-7.32 ( 22-24 )	112062		Grey, Brown	7.26		
7.32-7.92 ( 24-26 )	112063		Grey, Brown	15.42		
7.92-8.53 ( 26-28 )	112064		Grey, Brown	24.49	0.001 oz/yc <sup>3</sup> 20 ft.	21 very fine colors
8.53-9.14 ( 28-30 )	112065		Grey	31.75		
9.14-9.75 ( 30-32 )	112066		Grey	26.31		*TOP OF GREY/BLUE GRAVEL @ 8.5 METERS
9.75-10.36 ( 32-34 )	112067		Grey	29.48		
10.36-10.97 ( 34-36 )	112068		Grey	33.34		
10.97-11.58 ( 36-38 )	112069		Grey	35.38		
11.58-12.19 ( 38-40 )	112070		Grey	34.02		
12.19-12.80 ( 40-42 )	112071		Grey	44.45		30 fine colors 30 very fine colors
12.80-13.41 ( 42-44 )	112072		Grey	43.55		\$3.30/yc <sup>3</sup> @ \$550.00 gold
13.41-14.02 ( 44-46 )	112073		Grey	39.46	0.006 oz/yc <sup>3</sup> 20 ft.	Total gold 0.6 grains
14.02-14.63 ( 46-48 )	112074		Grey	38.56		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 30, 1987

HOLE NAME DDH - 87 - 07

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	112075		Grey	39.46		
15.24-15.85 ( 50-52 )	112076		Grey	29.94		
15.85-16.46 ( 52-54 )	112077		Grey	26.76		
16.46-17.07 ( 54-56 )	112078		Grey	31.07		
17.07-17.68 ( 56-58 )	112079		Grey	49.90		
17.68-18.29 ( 58-60 )	112080		Grey	25.86		
18.29-18.90 ( 60-62 )	112081		Grey	30.62		
18.90-19.51 ( 62-64 )	112082		Grey	36.29		
19.51-20.12 ( 64-66 )	112083		Grey	32.89		
20.12-20.73 ( 66-68 )	112084		Grey	27.22		
20.73-21.34 ( 68-70 )	112085		Grey	33.57	TR	11 very fine colors
21.34-21.95 ( 70-72 )	112086		Grey	23.81	20 ft.	
21.95-22.56 ( 72-74 )	112087		Grey	42.64		
22.56-23.16 ( 74-76 )	112088		Grey	38.33		
23.16-23.77 ( 76-78 )	112089		Grey	26.76		
23.77-24.38 ( 78-80 )	112090		Grey	23.13		
24.38-24.99 ( 80-82 )	112091		Grey	26.76		
24.99-25.60 ( 82-84 )	112092		Grey	28.12		
25.60-26.21 ( 84-86 )	112093		Grey	37.42		
26.21-26.82 ( 86-88 )	112094		Grey	39.01	0.001 oz/yc <sup>3</sup>	
26.82-27.43 ( 88-90 )	112095		Grey	43.55	20 ft.	19 very fine colors
27.43-28.04 ( 90-92 )	112096		Grey	35.38		
28.04-28.65 ( 92-94 )	112097		Grey	47.63		
28.65-29.26 ( 94-96 )	112098		Grey	41.28		



CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 30, 1987

HOLE NAME FDH - 87 - 07

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	112099		Grey	35.83		
29.87-30.48 ( 98-100 )	112100		Grey	34.25		
30.48-31.09 ( 100-102 )	112101		Grey	38.10		
31.09-31.70 ( 102-104 )	112102		Grey	35.15		
31.70-32.31 ( 104-106 )	112103		Grey	34.93		
32.31-32.92 (106-108 )	112104		Grey	45.81		
32.92-33.53 ( 108-110 )	112105		Grey	37.20	TR	6 very fine colors
33.53-34.14 ( 110-112 )	112106		Grey	29.94	20 ft.	
34.14-34.75 ( 112-114 )	112107		Grey	29.48		
34.75-35.36 ( 114-116 )	112108		Grey	19.50		
35.36-35.97 ( 116-118 )	112109		Grey	26.31		
35.97-36.58 ( 118-120 )	112110		Grey	28.58		
36.58-37.19 ( 120-122 )	112111		Grey	23.13		
37.19-37.80 ( 122-124 )	112112		Grey, Brown	18.60		
37.80-38.40 ( 124-126 )	112113		Grey	15.42		
38.40-39.01 ( 126-128 )	112114		Grey	18.14		
39.01-39.62 ( 128-130 )	112115		Grey	7.26	0.001 oz/yc <sup>3</sup>	1 fine color
39.62-40.23 ( 130-132 )	112116		Grey	17.24	20 ft	10 very fine colors
40.23-40.84 ( 132-134 )	112117		Grey	34.25		
40.84-41.45 ( 134-136 )	112118		Grey	26.99		
41.45-42.06 ( 136-138 )	112119		Grey	29.94		
42.06-42.67 ( 138-140 )	112120		Grey	14.74		
42.67-43.28 ( 140-142 )	112121		Grey, Brown	26.31		
43.28-43.89 ( 142-144 )	112122		Grey, Brown	29.94		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 30, 1987

HOLE NAME FDH- 87 - 07

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
43.89-44.50 (144-146)	112123		Grey, Brown	29.94		
44.50-45.11 (146-148)	112124		Grey, Brown	34.47		
45.11-45.72 (148-150)	112125		Grey, Brown	27.67	0.001 oz/yd <sup>3</sup>	
45.72-46.33 (150-152)	112126		Grey, Brown	27.22	20 ft.	25 very fine colors
46.33-46.94 (152-154)	112127		Grey, Brown	25.40		
46.94-47.55 (154-156)	112128		Grey, Brown	30.84		
47.55-48.16 (156-158)	112129		Grey, Brown	30.62		
48.16-48.77 (158-160)	112130		Grey, Brown	23.13		
48.77-49.38 (160-162)	112132		Grey, Brown	40.14		
49.38-49.99 (162-164)	112133		Grey, Brown	32.66		
49.99-50.60 (164-166)	112134		Grey, Brown	25.17		
50.60-51.21 (166-168)	112135		Grey, Brown	29.48	0.001 oz/yd <sup>3</sup>	
51.21-51.82 (168-170)	112136		Grey, Brown	44.91	20 ft.	26 very fine colors
51.82-52.43 (170-172)	112137		Grey, Brown	30.39		
52.43-53.04 (172-174)	112138		Grey, Brown	28.12		
53.04-53.64 (174-176)	112139		Grey, Brown	28.58		
53.64-54.25 (176-178)	112140		Grey, Brown	30.39		
54.25-54.86 (178-180)	112141		Grey, Brown	16.78		
54.86-55.47 (180-182)	112142		Grey	16.33		
55.47-56.08 (182-184)	112143		Grey	26.31		
56.08-56.69 (184-186)	112144		Grey	18.60		
56.69-57.30 (186-188)	112145		Grey	15.42		
57.30-57.91 (188-190)	112146		Grey	31.75	TR 20 ft.	7 very fine colors
57.91-58.52 (190-192)	112147		Grey	19.50		
58.52-59.13 (192-194)	112148		Grey	17.69		
59.13-59.74 (194-196)	112149		Grey	21.77		

CARNES CREEK EXPLORATIONS LTD.  
COREHOLE DRILLING LOG

DATE: September 30, 1987

HOLE NAME EDH - 87 - 07

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
59.74-60.35 (196-198)	112150		Grey	18.60		
60.35-60.96 (198-200)	112151		Grey	14.52		
60.96-61.57 (200-202)	112152		Grey	12.02		
61.57-62.18 (202-204)	112153		Grey	15.65		
62.18-62.79 (204-206)	112154		Grey	14.52		
62.79-63.40 (206-208)	112155		Grey	14.52		
63.40-64.01 (208-210)	112156		Grey	16.78	TR 20 ft.	3 very fine colors
64.01-64.62 (210-212)	112157		Grey	15.20		
64.62-65.23 (212-214)	112158		Grey	33.57		
65.23-65.84 (214-216)	112159		Grey	20.41		
65.84-66.45 (216-218)	112160		Grey	15.42		
66.45-67.06 (218-220)	112161		Grey	14.52		
67.06-67.67 (220-222)	112162		Grey	27.67		
67.67-68.28 (222-224)	112163		Grey	26.31		
68.28-68.88 (224-226)	112164		Grey	21.32		
68.88-69.49 (226-228)	112165		Grey	20.19		
69.49-70.10 (228-230)	112166		Grey	21.32	0.008 oz/yc <sup>3</sup> 20 ft.	1 coarse color 7 very fine colors \$4.40/yc <sup>3</sup> @ \$550.00 gold Total gold 0.8 grains
70.10-70.71 (230-232)	112167		Grey	20.19		
70.71-71.32 (232-234)	112168		Grey	23.59		
71.32-71.93 (234-236)	112169		Grey	20.41		
71.93-72.54 (236-238)	112170		Grey	15.65		
72.54-73.15 (238-240)	112171		Grey	20.41		
73.15-73.76 (240-242)	112172		Grey, Brown	29.03		
73.76-74.37 (242-244)	112173		Grey, Brown	22.45		
74.37-74.98 (244-246)	112174		Grey, Brown	28.58		
74.98-75.59 (246-248)	112175		Grey, Brown	18.14		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: September 30, 1987

HOLE NAME FDH - 87 - 07

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS		
75.59-76.20 (248-250)	112176		Grey, Brown	23.13	0.004 oz/yc <sup>3</sup> 20 ft.	1 medium color 2 fine colors		
76.20-76.81 (250-252)	112177		Grey, Brown	20.41				
76.81-77.42 (252-254)	112178		Grey, Brown	21.32				
77.42-78.03 (254-256)	112179		Grey, Brown	41.50				
78.03-78.64 (256-258)	112180		Grey, Brown	20.41				
78.64-79.25 (258-260)	112181		Grey, Brown	27.67				
79.25-79.86 (260-262)	112182		Grey	26.31				
79.86-80.47 (262-264)	112183		Grey	30.84				
80.47-81.08 (264-266)	112184		Grey	29.94				
81.08-81.69 (266-268)	112185		Grey	31.75				
81.69-82.30 (268-270)	112186		Grey	34.93	TR 16 ft.	4 very fine colors		
82.30-82.91 (270-272)	112187		Grey	37.88				
82.91-83.52 (272-274)	112188		Grey	45.81				
83.52-84.12 (274-276)	112189		Grey	39.01				
84.12-84.73 (276-278)	112190		Grey	37.20				
84.73-85.34 (278-280)	112191		Grey	38.10				
85.34-85.95 (280-282)	112192		Grey	30.62				
85.95-86.56 (282-284)	112193		Grey	29.94				
86.56-87.17 (284-286)	112194		Grey	31.75				
87.17-87.78 (286-288)	112195		Grey	31.75				
87.78-88.39 (288-290)	112196		Grey	28.80	0.003 oz/yc <sup>3</sup> 6 ft.	15 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold		
88.39-89.00 (290-292)	112197		Grey	28.12				
89.00-89.61 (292-294)	112198		Grey	29.94				
89.61-90.22 (294-296)	112199		Grey	34.47				
90.22-90.83 (296-298)	112200		Grey	36.74				
90.83-91.44 (298-300)	112131		Grey	45.81				
							TR 6 ft.	1 fine color 3 very fine colors
							TR 6 ft.	7 very fine colors

END OF HOLE @ 91.44 METERS

CARNES CREEK EXPLORATIONS LTD.  
 BOREHOLE DRILLING LOG

DATE: October 3, 1987

HOLE NAME: FDH - 87 - 08	NORTHING 6603560.30	EASTING 581564.90	ELEVATION OF COLLAR 963.80 M
DRILL CONTRACTOR Owen's Drilling	LOGGED BY B. Wasiliew & E. Salkeld	HOLE SIZE 18.08 cm	HOLE LENGTH 79.90 M

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	122301		Grey, Brown	4.08		
0.61-1.22 ( 2-4 )	122302		Grey, Brown	20.41		
1.22-1.83 ( 4-6 )	122303		Grey, Brown	12.47		
1.83-2.44 ( 6-8 )	122304		Grey, Brown	14.06		
2.44-3.05 ( 8-10 )	122305		Grey, Brown	23.13	TR	4 very fine colors
3.05-3.66 ( 10-12 )	122306		Grey, Brown	8.62	20 ft.	
3.66-4.27 ( 12-14 )	122307		Grey, Brown	17.92		
4.27-4.88 ( 14-16 )	122308		Grey	16.33		
4.88-5.49 ( 16-18 )	122309		Grey	32.21		
5.49-6.10 ( 18-20 )	122310		Grey	27.22		
6.10-6.71 ( 20-22 )	122311		Grey	28.12		
6.71-7.32 ( 22-24 )	122312		Grey	33.57		
7.32-7.92 ( 24-26 )	122313		Grey	33.11		
7.92-8.53 ( 26-28 )	122314		Grey	31.07		
8.53-9.14 ( 28-30 )	122315		Grey	31.75		
9.14-9.75 ( 30-32 )	122316		Grey	32.89	TR	1 fine color
9.75-10.36 ( 32-34 )	122317		Grey	26.31	20 ft.	4 very fine colors
10.36-10.97 ( 34-36 )	122318		Grey	31.75		
10.97-11.58 ( 36-38 )	122319		Grey	27.22		
11.58-12.19 ( 38-40 )	122320		Grey	28.35		
12.19-12.80 ( 40-42 )	122321		Grey	35.61		
12.80-13.41 ( 42-44 )	122322		Grey	30.62		
13.41-14.02 ( 44-46 )	122323		Grey	42.18		
14.02-14.63 ( 46-48 )	122324		Grey	33.57		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 3, 1987

HOLE NAME PDH - 87 - 08

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	122325		Grey	25.17		
15.24-15.85 ( 50-52 )	122326		Grey	26.76	TR 20 ft.	2 very fine colors
15.85-16.46 ( 52-54 )	122327		Grey	33.11		
16.46-17.07 ( 54-56 )	122328		Grey	26.31		
17.07-17.68 ( 56-58 )	122329		Grey	32.66		
17.68-18.29 ( 58-60 )	122330		Grey	24.04		
18.29-18.90 ( 60-62 )	122331		Grey	26.31		
18.90-19.51 ( 62-64 )	122332		Grey	29.94		
19.51-20.12 ( 64-66 )	122333		Grey	31.53		
20.12-20.73 ( 66-68 )	122334		Grey	33.34		
20.73-21.34 ( 68-70 )	122335		Grey	31.75	TR 20 ft.	4 very fine colors
21.34-21.95 ( 70-72 )	122336		Grey	21.77		
21.95-22.56 ( 72-74 )	122337		Grey	26.76		
22.56-23.16 ( 74-76 )	122338		Grey	32.89		
23.16-23.77 ( 76-78 )	122339		Grey	32.66		
23.77-24.38 ( 78-80 )	122340		Grey	33.57		
24.38-24.99 ( 80-82 )	122341		Grey	31.30		
24.99-25.60 ( 82-84 )	122342		Grey	33.11		
25.60-26.21 ( 84-86 )	122343		Grey	25.40		
26.21-26.82 ( 86-88 )	122344		Grey	30.84		
26.82-27.43 ( 88-90 )	122345		Grey	39.92		
27.43-28.04 ( 90-92 )	122346		Grey	24.04	0.001 oz/yc <sup>3</sup> 20 ft.	1 fine color 7 very fine colors
28.04-28.65 ( 92-94 )	122347		Grey	34.47		
28.65-29.26 ( 94-96 )	122348		Grey	32.89		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 3, 1987

HOLE NAME  
RDH - 87 - 08

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	122349		Grey, Brown	22.68		
29.87-30.48 ( 98-100 )	122350		Grey, Brown	27.67		
30.48-31.09 ( 100-102 )	122351		Grey, Brown	37.20		
31.09-31.70 ( 102-104 )	122352		Grey, Brown	33.11		
31.70-32.31 ( 104-106 )	122353		Grey, Brown	30.84		
32.31-32.92 (106-108 )	122354		Grey, Brown	27.22		
32.92-33.53 ( 108-110 )	122355		Grey, Brown	29.94		
33.53-34.14 ( 110-112 )	122356		Grey, Brown	22.23		
34.14-34.75 ( 112-114 )	122357		Grey, Brown	31.30		
34.75-35.36 ( 114-116 )	122358		Grey, Brown	33.57		
35.36-35.97 ( 116-118 )	122359		Grey, Brown	22.23		
35.97-36.58 ( 118-120 )	122360		Grey, Brown	25.86		
36.58-37.19 ( 120-122 )	122361		Grey, Brown	23.13		
37.19-37.80 ( 122-124 )	122362		Grey, Brown	15.88		
37.80-38.40 ( 124-126 )	122363		Grey, Brown	27.67		
38.40-39.01 ( 126-128 )	122364		Grey, Brown	27.22		
39.01-39.62 ( 128-130 )	122365		Grey, Brown	19.05		
39.62-40.23 ( 130-132 )	122366		Grey, Brown	26.31		
40.23-40.84 ( 132-134 )	122367		Grey, Brown	22.45		
40.84-41.45 ( 134-136 )	122368		Grey, Brown	24.49		
41.45-42.06 ( 136-138 )	122369		Grey, Brown	21.77		
42.06-42.67 ( 138-140 )	122370		Grey, Brown	40.82		
42.67-43.28 ( 140-142 )	122371		Grey, Brown	25.40		
43.28-43.89 ( 142-144 )	122372		Grey, Brown	25.40		

IR  
20 ft.

7 very fine colors

0.016 oz/yc<sup>3</sup>  
20 ft.

2 medium colors  
8 fine colors  
150 very fine colors  
\$8.80/yc<sup>3</sup>  
@ \$550.00 gold  
Total gold 1.6 grains

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 3, 1987

HOLE NAME FH - 87 - 08

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
43.89-44.50 (144-146)	122373		Grey, Brown	17.69		1 coarse color
44.50-45.11 (146-148)	122374		Grey, Brown	29.03	0.016 oz/yc <sup>3</sup> 14 ft.	1 fine color
45.11-45.72 (148-150)	122375		Grey, Brown	12.70		30 very fine colors
45.72-46.33 (150-152)	122376		Grey, Brown	26.31		\$8.80/yc <sup>3</sup>
46.33-46.94 (152-154)	122377		Grey, Brown	28.58		@ \$550.00 gold
46.94-47.55 (154-156)	122378		Grey, Brown	25.86		Total gold 1.1 grains
47.55-48.16 (156-158)	122379		Grey, Brown	25.40	0.003 oz/yc <sup>3</sup> 6 ft.	32 very fine colors
48.16-48.77 (158-160)	122380		Grey, Brown	29.94		approx. \$1.65/yc <sup>3</sup>
48.77-49.38 (160-162)	122381		Red, Brown	23.59		@ \$550.00 gold
49.38-49.99 (162-164)	122382		Red, Brown	27.22	0.003 oz/yc <sup>3</sup> 6 ft.	*TOP OF TERTIARY GRAVEL @ 49.4 METERS
49.99-50.60 (164-166)	122383		Red, Brown	27.90		1 fine color
50.60-51.21 (166-168)	122384		Red, Brown	28.58	0.003 oz/yc <sup>3</sup> 6 ft.	12 very fine colors
51.21-51.82 (168-170)	122385		Red, Brown	31.75		approx. \$1.65/yc <sup>3</sup>
51.82-52.43 (170-172)	122386		Red, Brown	25.40	0.003 oz/yc <sup>3</sup> 6 ft.	@ \$550.00 gold
52.43-53.04 (172-174)	122387		Red, Brown	25.86		1 fine color
53.04-53.64 (174-176)	122388		Red, Brown	25.40		25 very fine colors
53.64-54.25 (176-178)	122389		Red, Brown	36.29		approx. \$1.65/yc <sup>3</sup>
54.25-54.86 (178-180)	122390		Red, Brown	22.68		@ \$550.00 gold
54.86-55.47 (180-182)	122391		Red, Brown	25.17	0.001 oz/yc <sup>3</sup> 20 ft.	
55.47-56.08 (182-184)	122392		Red, Brown	23.59	20 ft.	35 very fine colors
56.08-56.69 (184-186)	122393		Red, Brown	31.75	20 ft.	
56.69-57.30 (186-188)	122394		Red, Brown	35.15		
57.30-57.91 (188-190)	122395		Red, Brown	24.95		
57.91-58.52 (190-192)	122396		Grey	22.23		
58.52-59.13 (192-194)	122397		Red, Brown	24.49		
59.13-59.74 (194-196)	122398		Red, Brown	16.10		



CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 3, 1987

HOLE NAME FH - 87 - 08

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
59.74-60.35 (196-198)	122399		Red, Brown	26.99		
60.35-60.96 (198-200)	122400		Red, Brown	24.04		
60.96-61.57 (200-202)	122401		Red, Brown	35.83		
61.57-62.18 (202-204)	122402		Red, Brown	32.66		
62.18-62.79 (204-206)	122403		Red, Brown	29.94		
62.79-63.40 (206-208)	122404		Red, Brown	40.37		
63.40-64.01 (208-210)	122405		Red, Brown	46.72		
64.01-64.62 (210-212)	122406		Red, Brown	35.61		
64.62-65.23 (212-214)	122407		Red, Brown	39.01		
65.23-65.84 (214-216)	122408		Red, Brown	29.48		
65.84-66.45 (216-218)	122409		Red, Brown	43.32		
66.45-67.06 (218-220)	122410		Red, Brown	27.22		
67.06-67.67 (220-222)	122411		Red, Brown	28.12	0.001 oz/yd <sup>3</sup>	1 fine color
67.67-68.28 (222-224)	122412		Red, Brown	36.74	20 ft.	30 very fine colors
68.28-68.88 (224-226)	122413		Red, Brown	33.11		
68.88-69.49 (226-228)	122414		Red, Brown	30.84		
69.49-70.10 (228-230)	122415		Red, Brown	32.66		
70.10-70.71 (230-232)	122416		Red, Brown	28.80		
70.71-71.32 (232-234)	122417		Red, Brown	28.12		
71.32-71.93 (234-236)	122418		Red, Brown	24.49	0.003 oz/yd <sup>3</sup>	2 fine colors
71.93-72.54 (236-238)	122419		Grey	26.31	6 ft.	16 very fine colors approx. \$1.65/yd <sup>3</sup> @ \$550.00 gold
72.54-73.15 (238-240)	122420		Grey	29.71		*BEDROCK @ 72.5 M
73.15-73.76 (240-242)	122421		Grey, Brown	29.94	0.003 oz/yd <sup>3</sup>	35 very fine colors
73.76-74.37 (242-244)	122422		Grey, Brown	31.30	6 ft.	approx. \$1.65/yd <sup>3</sup> @ \$550.00 gold
74.37-74.98 (244-246)	122423		Grey	20.87		
74.98-75.59 (246-248)	122424		Grey	19.73	0.003 oz/yd <sup>3</sup>	15 very fine colors
					6 ft.	approx. \$1.65/yd <sup>3</sup> @ \$550.00 gold

CARNES CREEK EXPLORATIONS LTD.  
COREHOLE DRILLING LOG

DATE: October 3, 1987

HOLE NAME EDH - 87 - 08

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
75.59-76.20 (248-250)	122425		Grey	28.80		
76.20-76.81 (250-252)	122426		Grey	24.95	0.003 oz/yc <sup>3</sup>	
76.81-77.42 (252-254)	122427		Grey	33.11	6 ft.	15 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
77.42-78.03 (254-256)	122428		Grey, Brown	26.08		
78.03-78.64 (256-258)	122429		Grey	16.78		
78.64-79.25 (258-260)	122430		Grey	14.97	TR 6 ft.	12 very fine colors
79.25-79.86 (260-262)	122431		Grey	18.60		
79.86-80.47 (262-264)	END OF HOLE @ 79.90 METERS					

DATE: October 6, 1987

## CARNES CREEK EXPLORATIONS LTD.

## BOREHOLE DRILLING LOG

HOLE NAME: FDH - 87 - 09	NORTHING 6603397.10	EASTING 581820.90	ELEVATION OF COLLAR 967.90 M
DRILL CONTRACTOR Owen's Drilling	LOGGED BY A. Woodsend & B. Salkeld	HOLE SIZE 18.08 cm	HOLE LENGTH 66.50 M

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	112201		Dark Grey, Brown	18.14		
0.61-1.22 ( 2-4 )	112202		Dark Grey Brown	11.79		
1.22-1.83 ( 4-6 )	112203		Dark Grey Brown	5.90		
1.83-2.44 ( 6-8 )	112204		Dark Grey Brown	5.90	0.002 oz/yc <sup>3</sup>	3 fine colors
2.44-3.05 ( 8-10 )	112205		Dark Grey Brown	11.79	20 ft.	20 very fine colors approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
3.05-3.66 ( 10-12 )	112206		Dark Grey Brown	15.42		
3.66-4.27 ( 12-14 )	112207		Dark Grey Brown	10.43		
4.27-4.88 ( 14-16 )	112208		Dark Grey Brown	17.69		
4.88-5.49 ( 16-18 )	112209		Dark Grey Brown	11.79		
5.49-6.10 ( 18-20 )	112210		Dark Grey Brown	14.97		
6.10-6.71 ( 20-22 )	112211		Dark Grey Brown	12.25	0.003 oz/yc <sup>3</sup>	20 very fine colors
6.71-7.32 ( 22-24 )	112212		Dark Grey Brown	21.77	6 ft.	approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
7.32-7.92 ( 24-26 )	112213		Dark Grey Brown	28.12		
7.92-8.53 ( 26-28 )	112214		Dark Grey Brown	27.22	0.003 oz/yc <sup>3</sup>	1 fine color
8.53-9.14 ( 28-30 )	112215		Dark Grey Brown	22.68	6 ft.	20 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
9.14-9.75 ( 30-32 )	112216		Dark Grey Brown	19.05		
9.75-10.36 ( 32-34 )	112217		Dark Grey Brown	32.66	0.003 oz/yc <sup>3</sup>	*TOP OF TERTIARY GRAVEL @ 9.75
10.36-10.97 ( 34-36 )	112218		Medium Brown	24.49	6 ft.	30 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
10.97-11.58 ( 36-38 )	112219		Brownish Orange	38.56		
11.58-12.19 ( 38-40 )	112220		Grey Orange	34.02		
12.19-12.80 ( 40-42 )	112221		Grey Orange.	31.75	6 ft.	Sample Contaminated
12.80-13.41 ( 42-44 )	112222		Grey Orange	34.02		
13.41-14.02 ( 44-46 )	112223		Orange Grey	33.57		
14.02-14.63 ( 46-48 )	112224		Orange Grey	28.58		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 6, 1987

HOLE NAME FDH - 87 - 09

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS		
14.63-15.24 ( 48-50 )	112225		Orange Grey	35.83	0.006 oz/yc <sup>3</sup> 20 ft.	5 medium colors 10 fine colors 60 very fine colors \$3.30/yc <sup>3</sup> @ \$550.00 gold Total gold 0.6 grains		
15.24-15.85 ( 50-52 )	112226		Orange Grey	47.17				
15.85-16.46 ( 52-54 )	112227		Orange Grey	32.66				
16.46-17.07 ( 54-56 )	112228		Grey Orange	45.36				
17.07-17.68 ( 56-58 )	112229		Grey Orange	34.47				
17.68-18.29 ( 58-60 )	112230		Grey Orange	34.47				
18.29-18.90 ( 60-62 )	112231		Grey Orange	30.84				
18.90-19.51 ( 62-64 )	112232		Orange Grey	31.75				
19.51-20.12 ( 64-66 )	112233		Dark Orange	37.65				
20.12-20.73 ( 66-68 )	112234		Dark Orange	34.47				
20.73-21.34 ( 68-70 )	112235		Grey Orange	40.82				
21.34-21.95 ( 70-72 )	112236		Grey Orange	38.10				
21.95-22.56 ( 72-74 )	112237		Grey Orange	32.66			20 ft.	No Sample
22.56-23.16 ( 74-76 )	112238		Pale Orange	40.82				
23.16-23.77 ( 76-78 )	112239		Orange	37.20				
23.77-24.38 ( 78-80 )	112240		Orange	35.83				
24.38-24.99 ( 80-82 )	112241		Orange	36.29				
24.99-25.60 ( 82-84 )	112242		Orange	35.38				
25.60-26.21 ( 84-86 )	112243		Orange	39.46				
26.21-26.82 ( 86-88 )	112244		Orange	41.73				
26.82-27.43 ( 88-90 )	112245		Orange	32.21				
27.43-28.04 ( 90-92 )	112246		Orange	37.20				
28.04-28.65 ( 92-94 )	112247		Orange	40.37	0.003 oz/yc <sup>3</sup> 20 ft.	3 fine colors 150 very fine colors \$1.65/yc <sup>3</sup> @ \$550.00 gold Total gold 0.3 grains		
28.65-29.26 ( 94-96 )	112248		Orange	44.91				

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 6, 1987

HOLE NAME EDH - 87 - 09

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
29.26-29.87 ( 95-98 )	112249		Orange	40.37		
29.87-30.48 ( 98-100 )	112250		Orange	30.39		
30.48-31.09 ( 100-102 )	112251		Pale Orange	36.29		
31.09-31.70 ( 102-104 )	112252		Pale Orange	37.20		
31.70-32.31 ( 104-106 )	112253		Pale Orange	35.38		
32.31-32.92 (106-108 )	112254		Orange	31.75		
32.92-33.53 ( 108-110 )	112255		Orange	34.93		
33.53-34.14 ( 110-112 )	112256		Pale Orange	34.93		
34.14-34.75 ( 112-114 )	112257		Orange	37.20	0.013 oz/yc <sup>3</sup>	3 medium colors more than 100 very fine color \$7.15/yc <sup>3</sup> @ \$550.00 gold Total gold 1.3 grains
34.75-35.36 ( 114-116 )	112258		Orange	44.91	20 ft.	
35.36-35.97 ( 116-118 )	112259		Orange	43.55		
35.97-36.58 ( 118-120 )	112260		Orange	37.65		
36.58-37.19 ( 120-122 )	112261		Medium Brown	36.29		
37.19-37.80 ( 122-124 )	112262		Medium Brown	37.20		
37.80-38.40 ( 124-126 )	112263		Medium Brown	36.74		
38.40-39.01 ( 126-128 )	112264		Medium Brown	39.01		
39.01-39.62 ( 128-130 )	112265		Medium Brown	36.29		
39.62-40.23 ( 130-132 )	112266		Medium Brown	39.46		
40.23-40.84 ( 132-134 )	112267		Medium Brown	30.84	0.002 oz/yc <sup>3</sup>	50 very fine colors approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
40.84-41.45 ( 134-136 )	112268		Medium Brown	40.37	20 ft.	
41.45-42.06 ( 136-138 )	112269		Medium Brown	28.12		
42.06-42.67 ( 138-140 )	112270		Medium Brown	29.94		
42.67-43.28 ( 140-142 )	112271		Medium Brown	32.66		
43.28-43.89 ( 142-144 )	112272		Medium Brown	28.58		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 6, 1987

HOLE NAME FDH - 87 - 09

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS		
43.89-44.50 (144-146)	112273		Medium Brown	36.74	0.001 oz/yc <sup>3</sup> 20 ft.	30 very fine colors		
44.50-45.11 (146-148)	112274		Medium Brown	40.82				
45.11-45.72 (148-150)	112275		Medium Brown	35.38				
45.72-46.33 (150-152)	112276		Medium Brown	39.92				
46.33-46.94 (152-154)	112277		Medium Brown	36.74				
46.94-47.55 (154-156)	112278		Medium Brown	40.82				
47.55-48.16 (156-158)	112279		Medium Brown	33.57				
48.16-48.77 (158-160)	112280		Medium Brown	33.11				
48.77-49.38 (160-162)	112281		Medium Brown	44.91				
49.38-49.99 (162-164)	112282		Medium Brown	42.64				
49.99-50.60 (164-166)	112283		Medium Brown	33.11				
50.60-51.21 (166-168)	112284		Medium Brown	44.91				
51.21-51.82 (168-170)	112285		Medium Brown	45.81				
51.82-52.43 (170-172)	112286		Medium Brown	33.11				
52.43-53.04 (172-174)	112287		Medium Brown	36.74			0.002oz/yc <sup>3</sup> 18 ft.	1 medium color 1 fine color 40 very fine colors \$1.10/yc <sup>3</sup> @ \$550.00 gold Total gold 0.2 grains
53.04-53.64 (174-176)	112288		Medium Brown	49.44				
53.64-54.25 (176-178)	112289		Medium Brown	33.57				
54.25-54.86 (178-180)	112290		Medium Brown	32.66				
54.86-55.47 (180-182)	112291		Medium Brown	27.67				
55.47-56.08 (182-184)	112292		Medium Brown	47.63			0.003 oz/yc <sup>3</sup> 6 ft.	35 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
56.08-56.69 (184-186)	112293		Medium Brown	37.20				
56.69-57.30 (186-188)	112294		Medium Brown	31.30				
57.30-57.91 (188-190)	112295		Medium Brown	37.20	TR 6 ft.	30 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold		
57.91-58.52 (190-192)	112296		Medium Brown	29.03				
58.52-59.13 (192-194)	112297		Medium Brown	62.60				
59.13-59.74 (194-196)	112298		Medium Brown	27.22				

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 6, 1987

HOLE NAME FDH - 87 -09

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
59.74-60.35 (196-198)	112299		Medium Brown	36.29	0.003 oz/yc <sup>3</sup> 6 ft.	20 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
60.35-60.96 (198-200)	112300		Medium Brown Grey	34.02		
60.96-61.57 (200-202)	123201		Medium Brown Grey	38.10		*BEDROCK @ 61.0 METERS
61.57-62.18 (202-204)	123202		Medium Brown Grey	37.20	0.003 oz/yc <sup>3</sup> 6 ft.	35 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
62.18-62.79 (204-206)	123203		Medium Grey	30.39		
62.79-63.40 (206-208)	123204		Dark Grey Brown	34.02	0.007 oz/yc <sup>3</sup> 6 ft.	50 very fine colors approx. \$3.85/yc <sup>3</sup> @ \$550.00 gold
63.40-64.01 (208-210)	123205		Medium Grey	28.12		
64.01-64.62 (210-212)	123206		Medium Grey	29.03		
64.62-65.23 (212-214)	123207		Grey Brown	30.84	0.003 oz/yc <sup>3</sup> 6 ft.	25 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
65.23-65.84 (214-216)	123208		Grey Brown	20.87		
65.84-66.45 (216-218)	123209		Grey Brown	18.14		
66.45-67.06 (218-220)	END OF HOLE @ 66.50 METERS					

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 8, 1987

HOLE NAME:	NORTHING	EASTING	ELEVATION OF COLLAR
FDH - 87 - 10	6603149.80	581671.00	1001.40 M
DRILL CONTRACTOR	LOGGED BY	HOLE SIZE	HOLE LENGTH
Owen's Drilling	B. Wasiliew & B. Salkeld	18.08 cm	36.60 M

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	122701		Grey	7.71		
0.61-1.22 ( 2-4 )	122702		Grey	9.75		
1.22-1.83 ( 4-6 )	122703		Grey	14.52		
1.83-2.44 ( 6-8 )	122704		Grey	21.32		
2.44-3.05 ( 8-10 )	122705		Grey	14.97	TR 20 ft.	3 very fine colors
3.05-3.66 ( 10-12 )	122706		Grey	8.62		
3.66-4.27 ( 12-14 )	122707		Grey	13.61		
4.27-4.88 ( 14-16 )	122708		Grey Brown	18.14		
4.88-5.49 ( 16-18 )	122709		Grey Brown	8.39		
5.49-6.10 ( 18-20 )	122710		Grey	12.02		
6.10-6.71 ( 20-22 )	122711		Grey	21.32		
6.71-7.32 ( 22-24 )	122712		Grey	15.20		
7.32-7.92 ( 24-26 )	122713		Grey	22.68		
7.92-8.53 ( 26-28 )	122714		Grey	28.58		
8.53-9.14 ( 28-30 )	122715		Grey	25.86		
9.14-9.75 ( 30-32 )	122716		Grey	32.89	TR 20 ft.	7 very fine colors
9.75-10.36 ( 32-34 )	122717		Grey	24.49		
10.36-10.97 ( 34-36 )	122718		Grey	32.21		
10.97-11.58 ( 36-38 )	122719		Grey	24.04		
11.58-12.19 ( 38-40 )	122720		Grey	29.71		
12.19-12.80 ( 40-42 )	122721		Grey	18.37		
12.80-13.41 ( 42-44 )	122722		Grey	11.57	TR 6 ft.	1 very fine color
13.41-14.02 ( 44-46 )	122723		Grey	17.92		
14.02-14.63 ( 46-48 )	122724		Grey	13.15		*TOP OF GREY/BLUE GRAVEL @ 14.0 METERS



CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 8, 1987

HOLE NAME FCH - 87 - 10

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	122725		Grey	8.39	TR	10 very fine colors
15.24-15.85 ( 50-52 )	122726		Grey	5.22		
15.85-16.46 ( 52-54 )	122727		Grey	10.66		
16.46-17.07 ( 54-56 )	122728		Grey	10.66		
17.07-17.68 ( 56-58 )	122729		Grey	4.99		
17.68-18.29 ( 58-60 )	122730		Grey	12.93		
18.29-18.90 ( 60-62 )	122731		Grey	10.43	TR	
18.90-19.51 ( 62-64 )	122732		Grey	23.81	20 ft.	
19.51-20.12 ( 64-66 )	122733		Grey	35.83		4 very fine colors
20.12-20.73 ( 66-68 )	122734		Grey	29.03		
20.73-21.34 ( 68-70 )	122735		Grey	34.02		
21.34-21.95 ( 70-72 )	122736		Grey	36.29		
21.95-22.56 ( 72-74 )	122737		Grey	24.95		
22.56-23.16 ( 74-76 )	122738		Grey	39.92		
23.16-23.77 ( 76-78 )	122739		Grey	40.82		
23.77-24.38 ( 78-80 )	122740		Grey	31.75		
24.38-24.99 ( 80-82 )	122741		Grey	22.00	TR	4 very fine colors
24.99-25.60 ( 82-84 )	122742		Grey	22.23	20 ft.	
25.60-26.21 ( 84-86 )	122743		Grey	27.22		
26.21-26.82 ( 86-88 )	122744		Grey	26.31		
26.82-27.43 ( 88-90 )	122745		Grey	19.05		
27.43-28.04 ( 90-92 )	122746		Grey	27.90		
28.04-28.65 ( 92-94 )	122747		Grey Brown	37.20		
28.65-29.26 ( 94-96 )	122748		Grey Brown	32.66	TR	4 very fine colors
					6 ft.	

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 8, 1987

HOLE NAME FDH - 87 - 10

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	122749		Grey Brown	26.76		
29.87-30.48 ( 98-100 )	122750		Grey Brown	31.75		
30.48-31.09 ( 100-102 )	122751		Grey	35.83	TR 6 ft.	7 very fine colors
31.09-31.70 ( 102-104 )	122752		Grey	39.01		
31.70-32.31 ( 104-106 )	122753		Grey	34.93		
32.31-32.92 (106-108 )	122754		Grey	27.67	TR 6 ft.	3 very fine colors
32.92-33.53 ( 108-110 )	122755		Grey	25.40		
33.53-34.14 ( 110-112 )	122756		Grey	29.48		
34.14-34.75 ( 112-114 )	122757		Grey	29.03		
34.75-35.36 ( 114-116 )	122758		Grey	21.32	TR 10 ft.	6 very fine colors
35.36-35.97 ( 116-118 )	122759		Grey	25.40		
35.97-36.58 ( 118-120 )	122760		Grey	30.39		
36.58-37.19 ( 120-122 )	END OF HOLE	@ 36.60 METERS				

DATE: October 10, 1987

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

HOLE NAME:	NORTHING	EASTING	ELEVATION OF COLLAR
PDH - 87 - 11	6603396.30	581397.90	995.50 M
DRILL CONTRACTOR	LOGGED BY	HOLE SIZE	HOLE LENGTH
Owen's Drilling	A. Woodsend & B. Salkeld	18.08 cm	68.90 M

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	124501	Dark Grey	Grey	5.90		
0.61-1.22 ( 2-4 )	124502	Dark Brown	Grey Brown	8.16		
1.22-1.83 ( 4-6 )	124503	Dark Grey	Grey	9.07		
1.83-2.44 ( 6-8 )	124504	Dark Grey	Grey	4.54		1 coarse color 1 medium color
2.44-3.05 ( 8-10 )	124505	Dark Grey	Grey	14.97	0.022 oz/yd <sup>3</sup> 20 ft.	more than 100 fine colors more than 100 very fine color
3.05-3.66 ( 10-12 )	124506	Dark Brown	Grey Brown	9.07		\$12.10/yd <sup>3</sup> @ \$550 gold
3.66-4.27 ( 12-14 )	124507	Dark Brown	Grey Brown	8.62		Total gold 2.2 grains
4.27-4.88 ( 14-16 )	124508	Dark Brown	Grey Brown	11.79		
4.88-5.49 ( 16-18 )	124509	Dark Brown	Grey Brown	14.52		
5.49-6.10 ( 18-20 )	124510	Dark Grey	Grey Brown	10.89		
6.10-6.71 ( 20-22 )	124511	Medium Grey	Grey	16.33		
6.71-7.32 ( 22-24 )	124512	Medium Grey	Grey	9.07		
7.32-7.92 ( 24-26 )	124513	Medium Grey	Grey	9.53		
7.92-8.53 ( 26-28 )	124514	Medium Grey	Grey	10.43		5 medium colors
8.53-9.14 ( 28-30 )	124515	Medium Grey	Grey	8.62	0.013 oz/yd <sup>3</sup> 20 ft.	60 very fine colors
9.14-9.75 ( 30-32 )	124516	Medium Grey	Grey	11.79		\$7.15/yd <sup>3</sup> @ \$550.00 gold
9.75-10.36 ( 32-34 )	124517	Medium Grey	Grey	25.40		Total gold 1.3 grains
10.36-10.97 ( 34-36 )	124518	Light Grey	Grey	16.33		
10.97-11.58 ( 36-38 )	124519	Dark Grey	Grey	11.79		
11.58-12.19 ( 38-40 )	124520	Medium Grey	Grey	17.24		
12.19-12.80 ( 40-42 )	124521	Medium Grey	Grey	10.89		
12.80-13.41 ( 42-44 )	124522	Medium Grey	Grey	8.16		
13.41-14.02 ( 44-46 )	124523	Medium Grey	Grey	9.07		
14.02-14.63 ( 46-48 )	124524	Medium Grey	Grey	7.26		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 10, 1987

HOLE NAME PDH - 87 - 11

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	124525	Medium Grey	Grey	8.16	0.019 oz/yc <sup>3</sup> 20 ft.	1 coarse color 4 medium colors 10 fine colors 100 very fine colors \$10.45/yc <sup>3</sup> @ \$550.00 gold Total gold 1.9 grains
15.24-15.85 ( 50-52 )	124526	Medium Grey	Grey	12.25		
15.85-16.46 ( 52-54 )	124527	Medium Grey	Grey Brown	16.33		
16.46-17.07 ( 54-56 )	124528	Medium Grey	Grey Brown	17.24		
17.07-17.68 ( 56-58 )	124529	Medium Grey	Grey Brown	18.14		
17.68-18.29 ( 58-60 )	124530	Medium Grey	Grey Brown	15.88		
18.29-18.90 ( 60-62 )	124531	Medium Grey	Grey Brown	13.61		
18.90-19.51 ( 62-64 )	124532	Medium Grey	Grey	14.06		
19.51-20.12 ( 64-66 )	124533	Medium Grey	Grey Brown	6.80		
20.12-20.73 ( 66-68 )	124534	Medium Grey	Grey Brown	20.87		
20.73-21.34 ( 68-70 )	124535	Dark Grey	Grey Brown	11.34	0.007 oz/yc <sup>3</sup> 20 ft.	2 medium colors 100 very fine colors \$3.85/yc <sup>3</sup> @ \$550.00 gold Total gold 0.7 grains
21.34-21.95 ( 70-72 )	124536	Dark Grey	Grey Brown	11.79		
21.95-22.56 ( 72-74 )	124537	Dark Grey	Grey Brown	3.63		
22.56-23.16 ( 74-76 )	124538	Dark Grey	Grey Brown	22.00		
23.16-23.77 ( 76-78 )	124539	Dark Grey	Grey Brown	21.32		
23.77-24.38 ( 78-80 )	124540	Light Grey	Grey Brown	24.49		
24.38-24.99 ( 80-82 )	124541	Light Grey	Grey Brown	29.94		
24.99-25.60 ( 82-84 )	124542	Dark Brown	Grey Brown	22.68		
25.60-26.21 ( 84-86 )	124543	Dark Grey	Grey Brown	33.11		
26.21-26.82 ( 86-88 )	124544	Dark Grey	Grey Brown	28.35		
26.82-27.43 ( 88-90 )	124545	Dark Grey	Dark Grey	20.87	0.002 oz/yc <sup>3</sup> 20 ft.	50 very fine colors approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
27.43-28.04 ( 90-92 )	124546	Dark Grey	Dark Grey	24.95		
28.04-28.65 ( 92-94 )	124547	Dark Grey	Dark Grey	26.31		
28.65-29.26 ( 94-96 )	124548	Dark Grey	Dark Grey	36.29		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 10, 1987

HOLE NAME PDH - 87 - 11

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	124549	Dark Grey	Dark Grey	39.01		
29.87-30.48 ( 98-100 )	124550	Dark Grey	Dark Grey	34.47		
30.48-31.09 ( 100-102 )	124551	Dark Grey	Dark Grey	26.76		
31.09-31.70 ( 102-104 )	124552	Dark Grey	Dark Grey	20.41		
31.70-32.31 ( 104-106 )	124553	Medium Grey	Light Grey	20.41		
32.31-32.92 (106-108 )	124554	Dark Grey	Dark Grey	32.66	0.002 oz/yc <sup>3</sup>	
32.92-33.53 ( 108-110 )	124555	Dark Grey	Dark Grey	22.68		
33.53-34.14 ( 110-112 )	124556	Dark Grey	Dark Grey	30.84	20 ft.	1 fine color 40 very fine colors approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
34.14-34.75 ( 112-114 )	124557	Dark Grey	Dark Grey	32.21		
34.75-35.36 ( 114-116 )	124558	Dark Grey	Dark Grey	33.57		
35.36-35.97 ( 116-118 )	124559	Dark Grey	Dark Grey	39.01		
35.97-36.58 ( 118-120 )	124560	Dark Grey	Dark Grey	26.31		
36.58-37.19 ( 120-122 )	124561	Dark Grey	Dark Grey	32.21		
37.19-37.80 ( 122-124 )	124562	Dark Grey	Dark Grey	30.84		
37.80-38.40 ( 124-126 )	124563	Dark Grey	Dark Grey	23.59		
38.40-39.01 ( 126-128 )	124564	Dark Grey	Dark Grey	24.95		
39.01-39.62 ( 128-130 )	124565	Dark Grey	Dark Grey	20.41	0.017 oz/yc <sup>3</sup>	
39.62-40.23 ( 130-132 )	124566	Dark Grey	Dark Grey	30.84	20 ft.	1 coarse color 1 fine color 50 very fine colors \$9.35/yc <sup>3</sup> @ \$550.00 gold Total gold 1.7 grains
40.23-40.84 ( 132-134 )	124567	Dark Grey	Dark Grey	25.86		
40.84-41.45 ( 134-136 )	124568	Dark Grey	Dark Grey	21.77		
41.45-42.06 ( 136-138 )	124569	Light Grey	Dark Grey	27.22		
42.06-42.67 ( 138-140 )	124570	Dark Grey	Dark Grey	30.84		
42.67-43.28 ( 140-142 )	124571	Dark Grey	Dark Grey	29.03		
43.28-43.89 ( 142-144 )	124572	Dark Grey	Dark Grey	32.21		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 10, 1987

HOLE NAME

FDH - 87 - 11

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
43.89-44.50 (144-146)	124573	Medium Grey	Dark Grey	29.48		
44.50-45.11 (146-148)	124574	Dark Grey	Dark Grey	27.67	0.001 oz/yc <sup>3</sup>	1 fine color
45.11-45.72 (148-150)	124575	Dark Grey	Dark Grey	24.95		20 very fine color
45.72-46.33 (150-152)	124576	Dark Grey	Dark Grey	32.66	20 ft.	
46.33-46.94 (152-154)	124577	Medium Grey	Dark Grey	36.74		
46.94-47.55 (154-156)	124578	Medium Grey	Grey	30.39		
47.55-48.16 (156-158)	124579	Dark Grey	Grey Brown	27.67		
48.16-48.77 (158-160)	124580	Dark Grey	Grey Brown	31.75		
48.77-49.38 (160-162)	124581	Medium Grey	Grey	20.87		
49.38-49.99 (162-164)	124582	Dark Brown	Dark Brown	18.14	TR	
49.99-50.60 (164-166)	124583	Dark Brown	Dark Brown	16.33	8 ft.	1 fine color 5 very fine colors
50.60-51.21 (166-168)	124584	Dark Brown	Dark Brown	30.84		
51.21-51.82 (168-170)	124585	Dark Grey	Dark Brown	26.31		
51.82-52.43 (170-172)	124586	Dark Brown	Dark Brown	30.84	TR 6 ft.	1 fine color 6 very fine colors
52.43-53.04 (172-174)	124587	Dark Brown	Dark Brown	18.14		
53.04-53.64 (174-176)	124588	Dark Brown	Dark Brown	25.40	0.003 oz/yc <sup>3</sup>	
53.64-54.25 (176-178)	124589	Dark Brown	Dark Brown	37.20	6 ft.	20 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
54.25-54.86 (178-180)	124590	Medium Brown	Dark Brown	24.49		
54.86-55.47 (180-182)	124591	Dark Orange	Light Brown	25.86	0.003 oz/yc <sup>3</sup>	*TOP OF TERTIARY @ 54.90 M
55.47-56.08 (182-184)	124592	Light Orange	Light Orange	25.86	6 ft.	1 fine color 20 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
56.08-56.69 (184-186)	124593	Light Orange	Light Orange	28.12		
56.69-57.30 (186-188)	124594	Medium Orange	Medium Orange	24.04	0.003 oz/yc <sup>3</sup>	
57.30-57.91 (188-190)	124595	Medium Orange	Medium Orange	29.03	6 ft.	2 fine colors 15 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
57.91-58.52 (190-192)	124596	Light Grey	Light Grey	33.57		
58.52-59.13 (192-194)	124597	Light Brown	Light Grey	29.03		
59.13-59.74 (194-196)	124598	Light Brown	Grey Tan	30.84		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 10, 1987

HOLE NAME EDH - 87 -11

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
59.74-60.35 (196-198)	124599	Light Brown	Grey Tan	29.94	0.018 oz/yc <sup>3</sup> 10 ft	1 coarse color 1 medium color
60.35-60.96 (198-200)	124600	Light Brown	Grey Tan	29.03		8 very fine colors \$9.90/yc <sup>3</sup>
60.96-61.57 (200-202)	124601	Light Brown	Tan	25.86		@ \$550.00 gold Total gold 0.9 grains
61.57-62.18 (202-204)	124602	Light Orange	Tan	26.31		
62.18-62.79 (204-206)	124603	Light Brown	Tan	23.59	TR 6 ft.	10 very fine colors
62.79-63.40 (206-208)	124604	Light Grey	Tan Grey	29.94		
63.40-64.01 (208-210)	124605	Light Grey	Tan Grey	31.30		
64.01-64.62 (210-212)	124606	Light Grey	Tan Grey	34.02	TR 6 ft.	5 very fine colors
64.62-65.23 (212-214)	124607	Medium Grey	Medium Grey	29.03		
65.23-65.84 (214-216)	124608	Medium Grey	Medium Grey	34.93		*BEDROCK @ 64.60 METERS
65.84-66.45 (216-218)	124609	Medium Grey	Medium Grey	24.95	0.003 oz/yc <sup>3</sup> 6 ft.	14 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
66.45-67.06 (218-220)	124610	Medium Grey	Medium Grey	26.31		
67.06-67.67 (220-222)	124611	Medium Grey	Medium Grey	26.31		
67.67-68.28 (222-224)	124612	Medium Grey	Medium Grey	25.40	TR 6 ft.	10 very fine colors
68.28-68.88 (224-226)	124613	Medium Grey	Medium Grey	29.03		
68.88-69.49 (226-228)	END OF HOLE @ 68.90 METERS					











CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DRILL HOLE NUMBER: PDH - 87 - 11

SCREEN ANALYSIS (g%)

FOOTAGE INTERVAL	DRY WEIGHT	+6 φ	6-10 φ	10-18 φ	18-35 φ	35-60 φ	60-100 φ	100-200 φ	-200 φ
144-146	1207.5	351.5 29.10	153.0 12.67	196.7 16.28	156.0 12.91	132.0 10.93	80.1 6.63	76.5 6.33	61.7 5.10
146-148	1071.7	448.1 41.83	136.5 12.74	155.4 14.51	113.7 10.61	97.5 9.10	48.2 4.50	44.5 4.15	27.8 2.59
148-150	1209.6	435.0 35.96	146.8 12.14	158.1 13.07	110.8 9.16	145.0 11.99	110.5 9.13	68.8 5.69	34.6 2.86
150-152	1143.3	308.7 27.0	128.6 11.24	149.3 13.05	137.2 12.00	161.0 14.08	115.2 10.07	78.8 6.89	64.5 5.64
152-154	1267.1	327.4 25.83	153.4 12.10	195.5 15.42	177.8 14.03	150.9 11.90	101.1 7.97	100.5 7.93	60.5 4.77
154-156	1399.7	502.5 35.90	173.5 12.39	194.4 13.88	144.4 10.32	147.8 10.56	96.1 6.86	82.7 5.91	58.3 4.16
156-158	1053.6	341.2 32.38	100.7 9.56	124.3 11.80	186.3 17.68	188.4 17.88	56.3 5.34	30.3 2.87	26.1 2.48
158-160	1379.6	524.4 38.01	163.5 11.85	168.1 12.18	156.5 11.34	155.0 11.23	81.4 5.90	16.8 1.21	113.9 8.25
160-162	1103.8	449.5 40.72	109.0 9.87	123.5 11.19	102.1 9.25	109.4 9.91	68.1 61.69	78.7 7.13	63.5 5.75
162-164	981.7	243.6 24.81	109.6 11.16	136.6 13.91	116.1 11.82	89.5 9.11	58.5 5.95	97.3 9.91	130.8 13.29
164-166	892.5	199.6 12.36	107.9 12.08	143.7 16.10	121.4 13.60	88.7 9.93	58.2 6.52	102.4 11.47	70.6 7.91
166-168	872.5	190.9 21.90	94.2 10.80	125.6 14.39	95.0 10.89	98.4 11.27	96.3 11.04	85.1 9.75	87.0 9.97
168-170	764.9	201.6 26.35	100.0 13.07	117.5 15.36	81.7 10.68	63.3 8.27	35.4 4.63	50.8 6.64	114.6 14.98
170-172	900.9	205.2 22.78	93.0 10.32	134.9 14.97	110.0 12.21	110.5 12.26	84.2 9.35	85.7 9.51	77.4 8.59
172-174	762.0	13.5 1.77	23.9 3.13	55.2 7.24	76.4 10.03	144.3 18.94	142.4 18.68	158.3 20.77	148.0 19.42
174-176	751.4	12.80 1.70	16.0 2.12	23.9 3.18	50.9 6.77	143.9 19.15	159.9 21.28	193.7 25.77	150.3 20.00
176-178	907.3	91.4 10.07	49.5 5.45	157.9 17.40	171.2 18.86	139.8 15.40	48.4 5.33	63.8 7.03	135.8 14.96
178-180	967.5	267.4 27.63	123.3 12.74	131.6 13.60	104.4 10.79	80.4 8.31	54.0 5.58	90.5 9.35	115.24 11.92
180-182	1050.9	323.7 30.80	155.4 14.78	179.3 17.06	135.6 12.90	114.1 10.86	58.1 5.53	46.0 4.38	58.7 5.58
182-184	1065.8	174.2 16.34	160.1 15.02	173.5 16.27	143.2 13.43	97.8 9.17	60.6 5.68	94.0 8.81	223.0 20.92
184-186	1119.7	198.6 17.73	164.2 14.66	204.4 18.25	165 14.73	98.3 8.77	53.7 4.79	71.9 6.42	163.6 14.61
186-188	967.8	206.2 21.30	178.1 18.40	221.6 22.90	135.7 14.02	95.9 9.91	47.4 4.89	41.0 4.24	41.9 4.33
188-190	1075.6	338.9 31.5	161.3 14.99	156.9 14.58	109.7 10.19	116.2 10.8	72.4 6.72	65.1 6.05	55.1 5.12
190-192	1368.6	511.3 37.35	186.5 13.62	166.6 12.77	109.6 8.00	69.8 5.10	45.2 3.30	76.8 5.61	202.8 14.81
192-194	1146.7	254.3 22.17	116.9 10.19	127.7 11.13	103.8 9.05	84.0 7.32	62.6 5.45	113.6 9.90	283.8 24.74
194-196	1610.5	381.1 23.66	222.4 13.80	219.9 13.65	162.1 10.06	120.6 7.48	82.2 5.10	133.5 8.28	288.7 17.92

DATE: October 11, 1987

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

HOLE NAME: EDH - 87 - 12		NORTHING 6603515.10	EASTING 581205.70	ELEVATION OF COLLAR 969.20 M		
DRILL CONTRACTOR Owen's Drilling		LOGGED BY B. Salkeld	HOLE SIZE 18.08 cm	HOLE LENGTH 57.30 M		
DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	122870		Brown	16.33		
0.61-1.22 ( 2-4 )	122871		Brown	5.90		
1.22-1.83 ( 4-6 )	122872		Brown	16.78		
1.83-2.44 ( 6-8 )	122873		Brown	9.98		
2.44-3.05 ( 8-10 )	122874		Brown	23.13	0.002 oz/yc <sup>3</sup>	38 very fine colors approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
3.05-3.66 ( 10-12 )	122875		Brown	13.61	20 ft.	
3.66-4.27 ( 12-14 )	122876		Brown	6.35		
4.27-4.88 ( 14-16 )	122877		Brown	13.61		
4.88-5.49 ( 16-18 )	122878		Brown	13.61		
5.49-6.10 ( 18-20 )	122879		Brown	14.52		
6.10-6.71 ( 20-22 )	122880		Brown	21.32		
6.71-7.32 ( 22-24 )	122881		Brown	15.42		
7.32-7.92 ( 24-26 )	122882		Grey Brown	12.70		
7.92-8.53 ( 26-28 )	122883		Grey Brown	9.53	0.001 oz/yc <sup>3</sup>	
8.53-9.14 ( 28-30 )	122884		Grey Brown	23.59	20 ft.	13 very fine colors
9.14-9.75 ( 30-32 )	122885		Grey Brown	16.33		
9.75-10.36 ( 32-34 )	122886		Grey Brown	22.68		
10.36-10.97 ( 34-36 )	122887		Grey Brown	34.02		
10.97-11.58 ( 36-38 )	122888		Grey Brown	25.40		
11.58-12.19 ( 38-40 )	122889		Grey Brown	22.68		
12.19-12.80 ( 40-42 )	122890		Grey	28.12		
12.80-13.41 ( 42-44 )	122891		Grey	29.03		
13.41-14.02 ( 44-46 )	122892		Grey	39.46		
14.02-14.63 ( 46-48 )	122893		Grey	29.48		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 11, 1987

HOLE NAME FDH - 87 - 12

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS		
14.63-15.24 ( 48-50 )	122894		Grey	40.82	0.002 oz/yc <sup>3</sup> 20 ft.	42 very fine colors approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold		
15.24-15.85 ( 50-52 )	122895		Grey	30.39				
15.85-16.46 ( 52-54 )	122896		Grey	29.03				
16.46-17.07 ( 54-56 )	122897		Grey	35.38				
17.07-17.68 ( 56-58 )	122898		Grey	32.66				
17.68-18.29 ( 58-60 )	122899		Grey	40.37				
18.29-18.90 ( 60-62 )	122900		Grey	29.03				
18.90-19.51 ( 62-64 )	122901		Grey	29.94				
19.51-20.12 ( 64-66 )	122902		Grey	39.92				
20.12-20.73 ( 66-68 )	122903		Grey	18.14			0.009 oz/yc <sup>3</sup> 20 ft	120 very fine colors CONTAMINATED? approx. \$4.95/yc <sup>3</sup> @ \$550.00 gold Total gold 0.9 grains
20.73-21.34 ( 68-70 )	122904		Grey	20.87				
21.34-21.95 ( 70-72 )	122905		Grey	38.10				
21.95-22.56 ( 72-74 )	122906		Grey	37.20				
22.56-23.16 ( 74-76 )	122907		Grey	32.21				
23.16-23.77 ( 76-78 )	122908		Grey	38.56				
23.77-24.38 ( 78-80 )	122909		Grey Brown	41.73				
24.38-24.99 ( 80-82 )	122910		Grey Brown	36.29				
24.99-25.60 ( 82-84 )	122911		Grey Brown	31.75				
25.60-26.21 ( 84-86 )	122912		Brown	23.59				
26.21-26.82 ( 86-88 )	122913		Brown	33.57	0.013 oz/yc <sup>3</sup> 20 ft	200 very fine colors CONTAMINATED? approx. \$7.15/yc <sup>3</sup> @ \$550.00 gold Total gold 1.3 grains		
26.82-27.43 ( 88-90 )	122914		Brown	26.31				
27.43-28.04 ( 90-92 )	122915		Brown	34.02				
28.04-28.65 ( 92-94 )	122916		Brown	23.13				
28.65-29.26 ( 94-96 )	122917		Brown	22.68				

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 11, 1987

HOLE NAME PDH - 87 - 12

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WIDER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	122918		Brown	33.11		
29.87-30.48 ( 98-100 )	122919		Brown	28.58		
30.48-31.09 ( 100-102 )	122920		Brown	28.58		
31.09-31.70 ( 102-104 )	122921		Brown	20.87		
31.70-32.31 ( 104-106 )	122922		Grey	33.11		
32.31-32.92 (106-108 )	122923		Grey	22.23		
32.92-33.53 ( 108-110 )	122924		Grey	26.76	0.004 oz/yc <sup>3</sup> 22 ft.	100 very fine colors CONTAMINATED? approx. \$2.20/yc <sup>3</sup> @ \$550.00 gold Total gold 0.4 grains
33.53-34.14 ( 110-112 )	122925		Grey	32.66		
34.14-34.75 ( 112-114 )	122926		Grey	38.10		
34.75-35.36 ( 114-116 )	122927		Grey	30.39		
35.36-35.97 ( 116-118 )	122928		Grey	46.72		
35.97-36.58 ( 118-120 )	122929		Grey	35.38		
36.58-37.19 ( 120-122 )	122930		Grey Brown	29.94		
37.19-37.80 ( 122-124 )	122931		Grey Brown	37.65		
37.80-38.40 ( 124-126 )	122932		Grey Brown	37.65	0.003 oz/yc <sup>3</sup>	
38.40-39.01 ( 126-128 )	122933		Grey Brown	28.58	8 ft.	30 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
39.01-39.62 ( 128-130 )	122934		Grey Brown	32.66		*TOP OF TERTIARY @ 41.40 M
39.62-40.23 ( 130-132 )	122935	Medium Grey	Grey	23.13		
40.23-40.84 ( 132-134 )	122936	Medium Grey	Grey	29.03	0.33 oz/yc <sup>3</sup> 6 ft.	*CONTAMINATED? 50 fine colors more than 100 very fine col
40.84-41.45 ( 134-136 )	122937	Light Grey	Grey	27.67		
41.45-42.06 ( 136-138 )	122938	Light Orange	Brown	36.29		
42.06-42.67 ( 138-140 )	122939	Light Orange	Brown	33.11	0.054 oz/yc <sup>3</sup> 6 ft.	*CONTAMINATED? 6 medium colors 4 fine colors 120 very fine colors
42.67-43.28 ( 140-142 )	122940	Dark Orange	Brown	34.47		
43.28-43.89 ( 142-144 )	122941	Light Grey		23.13		





CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 11, 1987

HOLE NAME FDH - 87 - 12

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
43.89-44.50 (144-146)	122942	Light Orange	Brown	37.65	0.020 oz/yc <sup>3</sup> 6 ft.	10 fine colors 80 very fine colors *CONTAMINATED?
44.50-45.11 (146-148)	122943	Light Orange	Brown	24.95		
45.11-45.72 (148-150)	122944	Light Brown	Grey Brown	30.84		
45.72-46.33 (150-152)	122945	Light Brown	Grey	21.77		
46.33-46.94 (152-154)	122946	Dark Orange	Red Brown	23.13		
46.94-47.55 (154-156)	122947	Medium Orange	Brown	20.87	0.005 oz/yc <sup>3</sup> 20 ft.	10 fine colors 130 very fine colors \$2.75/yc <sup>3</sup> @ \$550.00 gold Total gold 0.5 grains
47.55-48.16 (156-158)	122948	Light Brown	Light Grey	29.03		
48.16-48.77 (158-160)	122949	Light Grey	Light Grey	28.12		
48.77-49.38 (160-162)	122950	Light Grey	Grey	27.22		
49.38-49.99 (162-164)	122951	Medium Grey	Grey	24.95		
49.99-50.60 (164-166)	122952	Medium Grey	Grey	28.58		
50.60-51.21 (166-168)	122953	Medium Grey	Grey	33.11		
51.21-51.82 (168-170)	122954	Medium Grey	Grey	26.31		
51.82-52.43 (170-172)	122955	Medium Grey	Grey	22.68	TR 6 ft.	12 very fine colors
52.43-53.04 (172-174)	122956	Medium Grey	Grey	31.75		
53.04-53.64 (174-176)	122957	Medium Grey	Grey	23.59	0.010 oz/yc <sup>3</sup>	1 coarse color 2 fine colors 25 very fine colors \$5.50/yc <sup>3</sup> Total gold 0.3 grains * BEDROCK @ 54.86 M
53.64-54.25 (176-178)	122958	Medium Grey	Grey	23.59	6 ft.	
54.25-54.86 (178-180)	122959	Light Orange	Brown Grey	27.22		
54.86-55.47 (180-182)	122960	Medium Grey	Grey	30.84		
55.47-56.08 (182-184)	122961	Medium Grey	Grey	20.87	0.005 oz/yc <sup>3</sup>	1 fine color 75 very fine colors \$2.75/yc <sup>3</sup> @ \$550.00 gold Total gold 0.2 grains
56.08-56.69 (184-186)	122962	Medium Grey	Grey	21.32	8 ft.	
56.69-57.30 (186-188)	122963	Medium Grey	Grey	19.96		
END OF HOLE @ 57.30 METERS						



CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 9, 1987

HOLE NAME: EDH - 87 - 13	NORTHING 6603747.00	EASTING 581004.70	ELEVATION OF COLLAR 973.80 M
DRILL CONTRACTOR Owen's Drilling	LOGGED BY B. Wasiliew & B. Salkeld	HOLE SIZE 18.08 cm	HOLE LENGTH 66.4 M

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WEI' (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	122761		Grey Brown	14.06		
0.61-1.22 ( 2-4 )	122762		Grey Brown	10.89		
1.22-1.83 ( 4-6 )	122763		Grey Brown	13.15		
1.83-2.44 ( 6-8 )	122764		Grey Brown	23.81		
2.44-3.05 ( 8-10 )	122765		Grey Brown	14.06	0.004 oz/yc <sup>3</sup> 20 ft.	2 fine colors 70 very fine colors \$2.20/yc <sup>3</sup> @ \$550.00 gold Total gold 0.4 grains
3.05-3.66 ( 10-12 )	122766		Grey Brown	15.42		
3.66-4.27 ( 12-14 )	122767		Grey Brown	12.25		
4.27-4.88 ( 14-16 )	122768		Grey Brown	14.97		
4.88-5.49 ( 16-18 )	122769		Grey Brown	9.07		
5.49-6.10 ( 18-20 )	122770		Grey Brown	12.02		
6.10-6.71 ( 20-22 )	122771		Grey Brown	12.70		
6.71-7.32 ( 22-24 )	122772		Grey Brown	10.89		
7.32-7.92 ( 24-26 )	122773		Grey Brown	19.73		
7.92-8.53 ( 26-28 )	122774		Grey	7.71		
8.53-9.14 ( 28-30 )	122775		Grey	16.33	0.022oz/yc <sup>3</sup> 20 ft.	5 fine colors 200 very fine colors \$12.10/yc <sup>3</sup> @ \$550.00 gold Total gold 2.2 grains
9.14-9.75 ( 30-32 )	122776		Grey	16.33		
9.75-10.36 ( 32-34 )	122777		Grey	14.52		
10.36-10.97 ( 34-36 )	122778		Grey	19.96		
10.97-11.58 ( 36-38 )	122779		Grey	17.24		
11.58-12.19 ( 38-40 )	122780		Grey	18.60		
12.19-12.80 ( 40-42 )	122781		Grey	27.22		
12.80-13.41 ( 42-44 )	122782		Grey	19.05		
13.41-14.02 ( 44-46 )	122783		Grey	23.59		
14.02-14.63 ( 46-48 )	122784		Grey	21.77		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 9, 1987

HOLE NAME PDH - 87 - 13

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	122785		Grey	16.33	0.002 oz/yc <sup>3</sup> 20 ft.	50 very fine colors approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
15.24-15.85 ( 50-52 )	122786		Grey	18.60		
15.85-16.46 ( 52-54 )	122787		Grey	13.61		
16.46-17.07 ( 54-56 )	122788		Grey	20.87		
17.07-17.68 ( 56-58 )	122789		Grey	13.61		
17.68-18.29 ( 58-60 )	122790		Grey	14.06		
18.29-18.90 ( 60-62 )	122791		Grey Brown	20.87		
18.90-19.51 ( 62-64 )	122792		Grey Brown	18.14		
19.51-20.12 ( 64-66 )	122793		Grey Brown	19.96		
20.12-20.73 ( 66-68 )	122794		Grey Brown	20.41	0.004 oz/yc <sup>3</sup> 14 ft.	
20.73-21.34 ( 68-70 )	122795		Grey Brown	20.41		5 fine colors 60 very fine colors \$2.20/yc <sup>3</sup> @ \$550.00 gold Total gold 0.3 grains
21.34-21.95 ( 70-72 )	122796		Grey Brown	10.43		
21.95-22.56 ( 72-74 )	122797		Grey Brown	23.59		
22.56-23.16 ( 74-76 )	122798		Grey Brown	29.48	0.007 oz/yc <sup>3</sup>	40 very fine colors approx. \$3.85/yc <sup>3</sup> @ \$550.00 gold
23.16-23.77 ( 76-78 )	122799		Grey Brown	11.79	6 ft.	
23.77-24.38 ( 78-80 )	122800		Grey Brown	35.38		
24.38-24.99 ( 80-82 )	122801		Grey	24.49	0.003 oz/yc <sup>3</sup>	*TOP OF GREY/BLUE GRAVEL @ 24.40 METERS
24.99-25.60 ( 82-84 )	122802		Grey	20.41	6 ft.	25 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
25.60-26.21 ( 84-86 )	122803		Grey	25.86		
26.21-26.82 ( 86-88 )	122804		Grey	25.40	0.003 oz/yc <sup>3</sup>	15 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
26.82-27.43 ( 88-90 )	122805		Grey	26.76	6 ft.	
27.43-28.04 ( 90-92 )	122806		Grey	27.22		
28.04-28.65 ( 92-94 )	122807		Grey	23.59		
28.65-29.26 ( 94-96 )	122808		Grey	29.03		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 9, 1987

HOLE NAME HDH - 87 - 13

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS	
29.26-29.87 ( 96-98 )	122809		Grey	29.94			
29.87-30.48 ( 98-100 )	122810		Grey	24.95	0.001 oz/yc <sup>3</sup>	35 very fine colors	
30.48-31.09 ( 100-102 )	122811		Grey	17.69			
31.09-31.70 ( 102-104 )	122812		Grey	28.12	20 ft.		
31.70-32.31 ( 104-106 )	122813		Grey	30.84			
32.31-32.92 (106-108 )	122814		Grey	29.03			
32.92-33.53 ( 108-110 )	122815		Grey	35.83			
33.53-34.14 ( 110-112 )	122816		Grey	26.31			
34.14-34.75 ( 112-114 )	122817		Grey	31.75			
34.75-35.36 ( 114-116 )	122818		Grey	35.38			
35.36-35.97 ( 116-118 )	122819		Grey	19.50			
35.97-36.58 ( 118-120 )	122820		Grey	34.47			
36.58-37.19 ( 120-122 )	122821		Grey	21.32	0.001 oz/yc <sup>3</sup>		20 very fine colors
37.19-37.80 ( 122-124 )	122822		Grey	25.86	20 ft.		
37.80-38.40 ( 124-126 )	122823		Grey	35.38			
38.40-39.01 ( 126-128 )	122824		Grey	32.66			
39.01-39.62 ( 128-130 )	122825		Grey	40.37			
39.62-40.23 ( 130-132 )	122826		Grey	50.80			
40.23-40.84 ( 132-134 )	122827		Grey Brown	28.58			
40.84-41.45 ( 134-136 )	122828		Grey Brown	22.68			
41.45-42.06 ( 136-138 )	122829		Grey Brown	24.27			
42.06-42.67 ( 138-140 )	122830		Grey Brown	37.20			
42.67-43.28 ( 140-142 )	122831		Grey	22.68	0.002 oz/yc <sup>3</sup>	60 very fine colors approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold	
43.28-43.89 ( 142-144 )	122832		Grey	24.95	20 ft.		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 9, 1987

HOLE NAME FDH - 87 -13

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
43.89-44.50 (144-146)	122833		Grey	24.04		
44.50-45.11 (146-148)	122834		Grey	26.76		
45.11-45.72 (148-150)	122835		Grey	20.87		
45.72-46.33 (150-152)	122836		Grey	30.84		
46.33-46.94 (152-154)	122837		Grey	24.04		
46.94-47.55 (154-156)	122838		Grey	17.24		
47.55-48.16 (156-158)	122839		Grey	18.14		
48.16-48.77 (158-160)	122840		Grey	24.04		
48.77-49.38 (160-162)	122841		Grey	24.49	0.001 oz/yc <sup>3</sup>	
49.38-49.99 (162-164)	122842		Grey	36.74	20 ft.	
49.99-50.60 (164-166)	122843		Grey	35.38		20 very fine colors
50.60-51.21 (166-168)	122844		Grey	24.49		
51.21-51.82 (168-170)	122845		Grey	21.32		
51.82-52.43 (170-172)	122846		Grey	15.42		
52.43-53.04 (172-174)	122847		Grey	16.56		
53.04-53.64 (174-176)	122848		Grey	16.33		
53.64-54.25 (176-178)	122849		Grey	15.42		
54.25-54.86 (178-180)	122850		Grey	20.41	0.002 oz/yc <sup>3</sup>	
54.86-55.47 (180-182)	122851		Grey	26.31	16 ft.	
55.47-56.08 (182-184)	122852		Grey	21.77		40 very fine colors
56.08-56.69 (184-186)	122853		Grey	31.30		approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
56.69-57.30 (186-188)	122854		Grey	28.12		
57.30-57.91 (188-190)	122855		Grey	30.39		10 very fine colors
57.91-58.52 (190-192)	122856		Grey	32.21	TR 6 ft.	
58.52-59.13 (192-194)	122857		Grey	28.12		
59.13-59.74 (194-196)	122858		Grey	22.68		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 9, 1987

HOLE NAME PDH - 87 - 13

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
59.74-60.35 (196-198)	122859		Grey	29.48	TR 6 ft.	5 very fine colors
60.35-60.96 (198-200)	122860		Grey	34.47		
60.96-61.57 (200-202)	122861		Grey	28.12		
61.57-62.18 (202-204)	122862		Grey	21.32	TR 6 ft.	8 very fine colors
62.18-62.79 (204-206)	122863		Grey	20.87		
62.79-63.40 (206-208)	122864		Grey	18.60		*BEDROCK @ 61.0 METERS
63.40-64.01 (208-210)	122865		Grey	17.24	TR 6 ft.	8 very fine colors
64.01-64.62 (210-212)	122866		Grey	31.75		
64.62-65.23 (212-214)	122867		Grey	23.13		
65.23-65.84 (214-216)	122868		Grey	19.96	TR 6 FT.	4 very fine colors
65.84-66.45 (216-218)	122869		Grey	18.14		
END OF HOLE @ 66.45 METERS						

CARNES CREEK EXPLORATIONS LTD.  
 BOREHOLE DRILLING LOG

DATE: October 12, 1987

HOLE NAME: FDH - 87 - 14	NORTHING 6603958.80	EASTING 580786.20	ELEVATION OF COLLAR 952.30 M
DRILL CONTRACTOR Owen's Drilling	LOGGED BY B. Wasiliew	HOLE SIZE 18.08 cm	HOLE LENGTH 6.10 M

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
		HOLE ABANDONED				
		NO SAMPLES				



CARNES CREEK EXPLORATIONS LTD.

BORHOLE DRILLING LOG

DATE: October 14, 1987

HOLE NAME: FDH 87 - 15	NORTHING 6603410.60	EASTING 582184.50	ELEVATION OF COLLAR 971.80 M
DRILL CONTRACTOR Owen's Drilling	LOGGED BY A. Woodsend & B. Salkeld	HOLE SIZE 18.08 cm	HOLE LENGTH 87.80 M

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	124651	Dark Brown	Dark Grey	8.62		
0.61-1.22 ( 2-4 )	124652	Dark Brown	Medium Grey	7.26		
1.22-1.83 ( 4-6 )	124653	Dark Grey	Medium Grey	16.33		
1.83-2.44 ( 6-8 )	124654	Dark Grey	Light Grey	14.06		
2.44-3.05 ( 8-10 )	124655	Dark Grey	Light Grey	5.90	0.014 oz/yc <sup>3</sup> 20 ft.	more than 100 very fine color. \$7.70/yc <sup>3</sup> @ \$550.00 gold Total gold 1.4 grains
3.05-3.66 ( 10-12 )	124656	Dark Grey	Light Grey	6.80		
3.66-4.27 ( 12-14 )	124657	Dark Brown	Light Grey	14.52		
4.27-4.88 ( 14-16 )	124658	Dark Grey	Light Grey	7.71		
4.88-5.49 ( 16-18 )	124659	Dark Grey	Light Grey	9.53		
5.49-6.10 ( 18-20 )	124660	Medium Grey	Light Grey	11.79		
6.10-6.71 ( 20-22 )	124661	Medium Grey	Pale Grey	23.13		
6.71-7.32 ( 22-24 )	124662	Dark Grey	Pale Grey	19.05		
7.32-7.92 ( 24-26 )	124663	Dark Grey	Pale Grey	21.77		
7.92-8.53 ( 26-28 )	124664	Dark Grey	Brown Grey	32.21		
8.53-9.14 ( 28-30 )	124665	Dark Grey	Grey	22.68	0.072 oz/yc <sup>3</sup> 20 ft.	10 fine colors more than 100 very fine color. \$39.60/yc <sup>3</sup> @ \$550.00 gold Total gold 7.1 grains
9.14-9.75 ( 30-32 )	124666	Dark Grey	Grey	26.31		
9.75-10.36 ( 32-34 )	124667	Dark Grey	Grey	23.59		
10.36-10.97 ( 34-36 )	124668	Dark Grey	Grey	22.23		
10.97-11.58 ( 36-38 )	124669	Dark Grey	Grey	19.05		
11.58-12.19 ( 38-40 )	124670	Dark Grey	White Grey	21.77		
12.19-12.80 ( 40-42 )	124671	Dark Grey	Medium Grey	29.94		
12.80-13.41 ( 42-44 )	124672	Dark Grey	Dark Grey	33.11		
13.41-14.02 ( 44-46 )	124673	Dark Grey	Dark Grey	28.58		
14.02-14.63 ( 46-48 )	124674	Dark Grey	Dark Grey	25.40		





CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 14, 1987

HOLE NAME EDH - 87 -15

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	124675	Dark Grey	Dark Grey	26.31	0.002 oz/yc <sup>3</sup> 20 ft.	60 very fine colors approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
15.24-15.85 ( 50-52 )	124676	Dark Grey	Dark Grey	27.22		
15.85-16.46 ( 52-54 )	124677	Dark Grey	Dark Grey	29.03		
16.46-17.07 ( 54-56 )	124678	Dark Grey	Dark Grey	34.47		
17.07-17.68 ( 56-58 )	124679	Dark Grey	Dark Grey	24.95		
17.68-18.29 ( 58-60 )	124680	Dark Grey	Dark Grey	37.65		
18.29-18.90 ( 60-62 )	124681		Medium Grey	35.38		
18.90-19.51 ( 62-64 )	124682		Medium Grey	39.01		
19.51-20.12 ( 64-66 )	124683		Medium Grey	43.55		
20.12-20.73 ( 66-68 )	124684		Medium Grey	23.13	0.003 oz/yc <sup>3</sup>	
20.73-21.34 ( 68-70 )	124685		Medium Grey	35.38	20 ft. 1 medium color 30 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold	
21.34-21.95 ( 70-72 )	124686		Medium Grey	35.38		
21.95-22.56 ( 72-74 )	124687		Medium Grey	41.28		
22.56-23.16 ( 74-76 )	124688		Medium Grey	41.73		
23.16-23.77 ( 76-78 )	124689		Medium Grey	39.01		
23.77-24.38 ( 78-80 )	124690		Medium Grey	32.21		
24.38-24.99 ( 80-82 )	124691		Medium Grey	39.46		
24.99-25.60 ( 82-84 )	124692		Medium Grey	38.10		
25.60-26.21 ( 84-86 )	124693		Brown Medium Grey	42.64		
26.21-26.82 ( 86-88 )	124694		Brown Medium Grey	19.05		
26.82-27.43 ( 88-90 )	124695		Brown Dark Grey	28.12	TR 20 ft. 10 very fine colors	
27.43-28.04 ( 90-92 )	124696		Brown Dark Grey	30.84		
28.04-28.65 ( 92-94 )	124697		Brown Dark Grey	34.47		
28.65-29.26 ( 94-96 )	124698		Brown Dark Grey	29.94		
			Brown			
			Brown			

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 14, 1987

HOLE NAME FDH - 87 - 15

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	124699		Dark Grey Brown	36.29		
29.87-30.48 ( 98-100 )	124700		Dark Grey Brown	42.64		
30.48-31.09 ( 100-102 )	124701		Light Grey	44.45		
31.09-31.70 ( 102-104 )	124702		Light Grey	47.17		
31.70-32.31 ( 104-106 )	124703		Light Grey	39.01		
32.31-32.92 (106-108 )	124704		Light Grey	33.57		
32.92-33.53 ( 108-110 )	124705		Light Grey	20.87	0.003 oz/yd <sup>3</sup> 20 ft.	2 fine colors 100 very fine colors \$1.65/yd <sup>3</sup> @ \$550.00 gold Total gold 0.3 grains
33.53-34.14 ( 110-112 )	124706		Medium Grey	27.22		
34.14-34.75 ( 112-114 )	124707		Medium Grey	17.24		
34.75-35.36 ( 114-116 )	124708		Medium Grey	17.24		
35.36-35.97 ( 116-118 )	124709		Medium Grey	32.66		
35.97-36.58 ( 118-120 )	124710		Medium Grey	32.66		
36.58-37.19 ( 120-122 )	124711		Medium Grey	31.75		
37.19-37.80 ( 122-124 )	124712		Medium Grey	29.03		
37.80-38.40 ( 124-126 )	124713		Medium Grey	30.84		
38.40-39.01 ( 126-128 )	124714		Grey Orange	30.84		
39.01-39.62 ( 128-130 )	124715		Light Grey	26.31	0.006 oz/yd <sup>3</sup> 20 ft.	160 very fine colors \$3.30/yd <sup>3</sup> @ \$550.00 gold Total gold 0.6 grains
39.62-40.23 ( 130-132 )	124716		Light Grey	19.05		
40.23-40.84 ( 132-134 )	124717		Light Grey	38.10		
40.84-41.45 ( 134-136 )	124718		Light Grey	32.66		
41.45-42.06 ( 136-138 )	124719		Light Grey	29.94		
42.06-42.67 ( 138-140 )	124720		Light Grey	43.55		
42.67-43.28 ( 140-142 )	124721		Medium Grey	36.29		
43.28-43.89 ( 142-144 )	124722		Medium Brown	17.24		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 14, 1987

HOLE NAME FDH - 87 - 15

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
43.89-44.50 (144-146)	124723		Orange Grey	18.14	0.008 oz/yc <sup>3</sup>	1 medium color
44.50-45.11 (146-148)	124724		Dark Grey	29.94	8 ft.	4 fine colors
45.11-45.72 (148-150)	124725		Medium Grey	26.31	0.010 oz/yc <sup>3</sup>	60 very fine colors
45.72-46.33 (150-152)	124726		Medium Grey	40.82	6 ft.	\$4.40/yc <sup>3</sup>
46.33-46.94 (152-154)	124727		Medium Grey	39.01		@ \$550.00 gold
46.94-47.55 (154-156)	124728		Light Grey	34.47		Total gold 0.3 grains
47.55-48.16 (156-158)	124729		Light Grey	32.66	0.010 oz/yc <sup>3</sup>	1 medium color
48.16-48.77 (158-160)	124730		Light Brown	36.29	6 ft.	4 fine colors
48.77-49.38 (160-162)	124731		Light Brown	29.03	0.010 oz/yc <sup>3</sup>	30 very fine colors
49.38-49.99 (162-164)	124732		Light Brown	44.45		\$5.50/yc <sup>3</sup>
49.99-50.60 (164-166)	124733		Light Brown	37.20	6 ft.	@ \$550.00 gold
50.60-51.21 (166-168)	124734		Pale Orange	39.01		Total gold 0.3 grains
51.21-51.82 (168-170)	124735		Pale Orange	33.57		*TOP OF TERTIARY GRAVEL @ 48
51.82-52.43 (170-172)	124736		Pale Orange	19.96	0.007 oz/yc <sup>3</sup>	1 medium color
52.43-53.04 (172-174)	124737		Pale Orange	14.52	6 ft.	2 fine colors
53.04-53.64 (174-176)	124738		Pale Orange	20.87		20 very fine colors
53.64-54.25 (176-178)	124739		Pale Orange	34.47		approx. \$5.50/yc <sup>3</sup>
54.25-54.86 (178-180)	124740		Orange	28.12	0.002 oz/yc <sup>3</sup>	@ \$550.00 gold
54.86-55.47 (180-182)	124741		Orange	29.94		
55.47-56.08 (182-184)	124742		Orange	30.84	6 ft.	50 very fine colors
56.08-56.69 (184-186)	124743		Orange	37.20		approx. \$1.10/yc <sup>3</sup>
56.69-57.30 (186-188)	124744		Pale Orange	29.03		@ \$550.00 gold
57.30-57.91 (188-190)	124745		Orange	27.22		
57.91-58.52 (190-192)	124746		Pale Orange	27.22		
58.52-59.13 (192-194)	124747		Medium Brown	22.68		
59.13-59.74 (194-196)	124748		Orange Medium Brown Orange	21.77		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 14, 1987

HOLE NAME  
FDH - 87 - 15

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
59.74-60.35 (196-198)	124749		Dark Brown	22.23		
60.35-60.96 (198-200)	124750		Orange	30.84		
60.96-61.57 (200-202)	124751		Medium Brown	28.12	0.001 oz/yc <sup>3</sup>	20 very fine colors
61.57-62.18 (202-204)	124752		Medium Brown	26.31	20 ft.	
62.18-62.79 (204-206)	124753		Medium Brown	35.38		
62.79-63.40 (206-208)	124754		Medium Brown	31.75		
63.40-64.01 (208-210)	124755		Medium Brown	29.03		
64.01-64.62 (210-212)	124756		Medium Brown	27.22		
64.62-65.23 (212-214)	124757		Orange	34.47		
65.23-65.84 (214-216)	124758		Grey Orange	31.75		
65.84-66.45 (216-218)	124759		Grey Orange	30.84		
66.45-67.06 (218-220)	124760		Orange Grey	23.59		
67.06-67.67 (220-222)	124761		Orange Grey	27.22	0.003 oz/yc <sup>3</sup>	70 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
67.67-68.28 (222-224)	124762		Orange	29.03	20 ft.	
68.28-68.88 (224-226)	124763		Orange	29.94		
68.88-69.49 (226-228)	124764		Orange	34.47		
69.49-70.10 (228-230)	124765		Orange	31.75		
70.10-70.71 (230-232)	124766		Orange	24.49		
70.71-71.32 (232-234)	124767		Orange	29.94		
71.32-71.93 (234-236)	124768		Orange	33.57		
71.93-72.54 (236-238)	124769		Orange	32.66		
72.54-73.15 (238-240)	124770		Orange	29.03		
73.15-73.76 (240-242)	124771		Orange	36.29	0.003 oz/yc <sup>3</sup>	12 fine colors 60 very fine colors \$1.65/yc <sup>3</sup> @ \$550.00 gold Total gold 0.3 grains
73.76-74.37 (242-244)	124772		Orange	32.66	18 ft.	
74.37-74.98 (244-246)	124773		Orange Grey	17.24		
74.98-75.59 (246-248)	124774		Orange	26.31		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 14, 1987

HOLE NAME: EDH - 87 - 15

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
75.59-76.20 (248-250)	124775		Orange Grey	36.29		
76.20-76.81 (250-252)	124776		Orange Grey	38.10		
76.81-77.42 (252-254)	124777		Orange	44.45		
77.42-78.03 (254-256)	124778		Pale Orange	39.92		
78.03-78.64 (256-258)	124779		Orange	33.57		
78.64-79.25 (258-260)	124780		Orange	35.38		
79.25-79.86 (260-262)	124781		Pale Orange	28.12	0.006 oz/yc <sup>3</sup>	3 medium colors 3 fine colors 50 very fine colors
79.86-80.47 (262-264)	124782		Orange	33.57	20 ft.	\$3.30/yc <sup>3</sup> @ \$550.00 gold Total gold 0.6 grains
80.47-81.08 (264-266)	124783		Orange Grey	25.40		
81.08-81.69 (266-268)	124784		Grey Orange	23.59		
81.69-82.30 (268-270)	124785		Grey Orange	24.49		
82.30-82.91 (270-272)	124786		Medium Brown	28.12		
82.91-83.52 (272-274)	124787		Medium Brown	33.57	TR 6 ft.	10 very fine colors
83.52-84.12 (274-276)	124788		Medium Brown	28.12		
84.12-84.73 (276-278)	124789		Medium Brown	32.66	0.003 oz/yc <sup>3</sup>	
84.73-85.34 (278-280)	124790		Grey Medium Brown	29.94	6 ft.	15 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
85.34-85.95 (280-282)	124791		Medium Brown	28.12		
85.95-86.56 (282-284)	124792		Light Brown	26.31	0.003 oz/yc <sup>3</sup>	*BEDROCK @ 86.60 METERS
86.56-87.17 (284-286)	124793		Light Brown	22.68		1 fine color 10 very fine colors
87.17-87.78 (286-288)	124794		Light Brown	16.33	6 ft.	approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
87.78-88.39 (288-290)	END OF HOLE	@ 87.80 METERS				



DATE: October 17, 1987

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

HOLE NAME: FH - 87 - 16		NORTHING 6603294.10	EASTING 582116.30	ELEVATION OF COLLAR 974.50 M		
DRILL CONTRACTOR Owen's Drilling		LOGGED BY B. Salkeld	HOLE SIZE 18.08 cm	HOLE LENGTH 73.80 M		
DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	124801		Dark Grey	11.79		
0.61-1.22 ( 2-4 )	124802		Dark Grey	28.12		
1.22-1.83 ( 4-6 )	124803		Dark Grey	6.35		
1.83-2.44 ( 6-8 )	124804		Dark Grey	14.52		
2.44-3.05 ( 8-10 )	124805		Dark Grey	21.77	TR 20 ft.	10 very fine colors
3.05-3.66 ( 10-12 )	124806		Dark Grey	22.68		
3.66-4.27 ( 12-14 )	124807		Dark Grey	23.59		
4.27-4.88 ( 14-16 )	124808		Dark Grey	13.61		
4.88-5.49 ( 16-18 )	124809		Dark Grey	12.70		
5.49-6.10 ( 18-20 )	124810		Dark Grey	8.16		
6.10-6.71 ( 20-22 )	124811		Medium Grey	6.35		
6.71-7.32 ( 22-24 )	124812		Medium Grey	15.42		
7.32-7.92 ( 24-26 )	124813		Medium Grey	19.05		
7.92-8.53 ( 26-28 )	124814		Medium Grey	22.68		
8.53-9.14 ( 28-30 )	124815		Medium Grey	29.94	0.001 oz/yc <sup>3</sup>	15 very fine colors
9.14-9.75 ( 30-32 )	124816		Medium Grey	27.22	20 ft.	
9.75-10.36 ( 32-34 )	124817		Medium Grey	24.49		
10.36-10.97 ( 34-36 )	124818		Medium Grey	35.38		
10.97-11.58 ( 36-38 )	124819		Medium Grey	24.49		
11.58-12.19 ( 38-40 )	124820		Medium Grey	24.49		
12.19-12.80 ( 40-42 )	124821		Dark Grey	27.22		
12.80-13.41 ( 42-44 )	124822		Dark Grey	20.87		
13.41-14.02 ( 44-46 )	124823		Dark Grey	35.38	TR 8 ft.	1 fine color
14.02-14.63 ( 46-48 )	124824		Dark Grey	31.75		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 17, 1987

HOLE NAME PDH - 87 - 16

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	124825		Medium Grey	30.84		
15.24-15.85 ( 50-52 )	124826		Medium Grey	40.82	TR	7 very fine colors
15.85-16.46 ( 52-54 )	124827		Medium Grey	31.75	6 ft.	
16.46-17.07 ( 54-56 )	124828		Medium Grey	29.03		*TOP OF TERTIARY GRAVELS @ 17.10 METERS
17.07-17.68 ( 56-58 )	124829		Pale Orange	32.66		
17.68-18.29 ( 58-60 )	124830		Pale Orange	26.31		6 fine colors
18.29-18.90 ( 60-62 )	124831		Pale Orange	24.49	0.008 oz/yd <sup>3</sup>	80 very fine colors
18.90-19.51 ( 62-64 )	124832		Orange	33.57	12 ft.	\$4.40 /yd <sup>3</sup> @ \$550.00 gold Total gold 0.5 grains
19.51-20.12 ( 64-66 )	124833		Pale Orange	31.75		
20.12-20.73 ( 66-68 )	124834		Brown	31.75		
20.73-21.34 ( 68-70 )	124835		Brown	35.38		
21.34-21.95 ( 70-72 )	124836		Brown	31.75		
21.95-22.56 ( 72-74 )	124837		Brown	31.75		
22.56-23.16 ( 74-76 )	124838		Brown	31.75	0.002 oz/yd <sup>3</sup>	
23.16-23.77 ( 76-78 )	124839		Brown	34.47	20 ft.	40 very fine colors approx. \$1.10/yd <sup>3</sup> @ \$550.00 gold
23.77-24.38 ( 78-80 )	124840		Brown	38.10		
24.38-24.99 ( 80-82 )	124841		Brown	33.57		
24.99-25.60 ( 82-84 )	124842		Brown	34.47		
25.60-26.21 ( 84-86 )	124843		Brown	48.99		
26.21-26.82 ( 86-88 )	124844		Medium Brown	37.20		
26.82-27.43 ( 88-90 )	124845		Dark Brown	31.75		
27.43-28.04 ( 90-92 )	124846		Brown	30.84		
28.04-28.65 ( 92-94 )	124847		Brown	36.29	0.001 oz/yd <sup>3</sup>	
28.65-29.26 ( 94-96 )	124848		Medium Brown	35.38	20 ft.	35 very fine colors

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 17, 1987

HOLE NAME FDH 87 - 16

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	124849		Medium Brown	44.45		
29.87-30.48 ( 98-100 )	124850		Medium Brown	40.82		
30.48-31.09 ( 100-102 )	124851		Brown	27.22		
31.09-31.70 ( 102-104 )	124852		Brown	38.10		
31.70-32.31 ( 104-106 )	124853		Medium Brown	39.92		
32.31-32.92 (106-108 )	124854		Orange	29.03		
32.92-33.53 ( 108-110 )	124855		Pale Orange	39.92		
33.53-34.14 ( 110-112 )	124856		Pale Orange	29.03		
34.14-34.75 ( 112-114 )	124857		Pale Orange	30.84		
34.75-35.36 ( 114-116 )	124858		Medium Brown	34.47	0.001 oz/yc <sup>3</sup>	
35.36-35.97 ( 116-118 )	124859		Medium Brown	28.12		30 very fine colors
35.97-36.58 ( 118-120 )	124860		Medium Brown	29.94	20 ft.	
36.58-37.19 ( 120-122 )	124861		Medium Brown	31.75		
37.19-37.80 ( 122-124 )	124862		Medium Brown	37.20		
37.80-38.40 ( 124-126 )	124863		Medium Brown	25.40		
38.40-39.01 ( 126-128 )	124864		Medium Brown	21.77		
39.01-39.62 ( 128-130 )	124865		Medium Brown	23.59		
39.62-40.23 ( 130-132 )	124866		Medium Brown	33.57		
40.23-40.84 ( 132-134 )	124867		Medium Brown	22.68	0.001 oz/yc <sup>3</sup>	
40.84-41.45 ( 134-136 )	124868		Medium Brown	29.03		15 very fine colors
41.45-42.06 ( 136-138 )	124869		Medium Brown	22.68	20 ft.	
42.06-42.67 ( 138-140 )	124870		Medium Brown	24.49		
42.67-43.28 ( 140-142 )	124871		Medium Brown	27.22		
43.28-43.89 ( 142-144 )	124872		Medium Brown	28.58		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 17, 1987

SOLE NAME FDH - 87 - 16

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
43.89-44.50 (144-146)	124873		Medium Brown	21.32		
44.50-45.11 (146-148)	124874		Medium Brown	24.49		
45.11-45.72 (148-150)	124875		Medium Brown	21.77		
45.72-46.33 (150-152)	124876		Medium Brown	22.68		
46.33-46.94 (152-154)	124877		Medium Brown	19.50		
46.94-47.55 (154-156)	124878		Medium Brown	37.65	0.001 oz/yc <sup>3</sup>	
47.55-48.16 (156-158)	124879		Medium Brown	32.66		
48.16-48.77 (158-160)	124880		Medium Brown	18.60	20 ft.	30 very fine colors
48.77-49.38 (160-162)	124881		Medium Brown	24.04		
49.38-49.99 (162-164)	124882		Medium Brown	29.03		
49.99-50.60 (164-166)	124883		Medium Brown	23.59		
50.60-51.21 (166-168)	124884		Medium Brown	19.05		
51.21-51.82 (168-170)	124885		Dark Brown	31.75		
51.82-52.43 (170-172)	124886		Medium Brown	23.13		
52.43-53.04 (172-174)	124887		LOST	37.65	0.001 oz/yc <sup>3</sup>	
53.04-53.64 (174-176)	124888		Medium Brown	42.64		
53.64-54.25 (176-178)	124889		Medium Brown	22.68	20 ft.	25 very fine colors
54.25-54.86 (178-180)	124890		Medium Brown	24.49		
54.86-55.47 (180-182)	124891		Medium Brown	40.82		
55.47-56.08 (182-184)	124892		Light Brown	44.45		
56.08-56.69 (184-186)	124893		Light Brown	28.12		
56.69-57.30 (186-188)	124894		Medium Brown	33.57		
57.30-57.91 (188-190)	124895		Medium Brown	38.56		
57.91-58.52 (190-192)	124896		Medium Brown	31.75	0.001 oz/yc <sup>3</sup>	
58.52-59.13 (192-194)	124897		Medium Brown	35.38		
59.13-59.74 (194-196)	124898		Medium Brown	35.38	14 ft.	20 very fine colors

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 17, 1987

HOLE NAME						
FDH - 87 -16						
DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
59.74-60.35 (196-198)	124899		Medium Brown	27.22		
60.35-60.96 (198-200)	124900		Medium Brown	27.22		
60.96-61.57 (200-202)	124901		Medium Brown Grey	37.20		
61.57-62.18 (202-204)	124902		Medium Brown Grey	36.74		
62.18-62.79 (204-206)	124903		Medium Brown Grey	24.49	TR 12 ft.	10 very fine colors
62.79-63.40 (206-208)	124904		Medium Brown Grey	32.66		
63.40-64.01 (208-210)	124905		Medium Brown Grey	31.30		
64.01-64.62 (210-212)	124906		Brown Grey	24.95		
64.62-65.23 (212-214)	124907		Grey	34.93	0.003 oz/yd <sup>3</sup>	2 fine colors
65.23-65.84 (214-216)	124908		Grey	36.29	6 ft.	10 very fine colors approx. \$1.65/yd <sup>3</sup> @ \$550.00 gold
65.84-66.45 (216-218)	124909		Grey	28.12		
66.45-67.06 (218-220)	124910		Grey	23.59	0.003 oz/yd <sup>3</sup>	2 fine colors
67.06-67.67 (220-222)	124911		Grey	33.11	6 ft.	25 very fine colors approx. \$1.65/yd <sup>3</sup> @ \$550.00 gold
67.67-68.28 (222-224)	124912		Red	13.61		
68.28-68.88 (224-226)	124913		Red Grey	11.79	TR	5 very fine colors
68.88-69.49 (226-228)	124914		Grey	23.59	6 ft.	
69.49-70.10 (228-230)	124915		Grey	21.77		
70.10-70.71 (230-232)	124916		Grey	26.31		*BEDROCK @ 70.70 METERS
70.71-71.32 (232-234)	124917		Grey	19.05	TR	2 very fine colors
71.32-71.93 (234-236)	124918		Grey	19.05	6 ft.	
71.93-72.54 (236-238)	124919		Grey	20.87	TR	10 very fine colors
72.54-73.15 (238-240)	124920		Grey	19.50	6 ft.	
73.15-73.76 (240-242)	124921		Grey	25.40		
END OF HOLE		@ 73.80 METERS				

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 19, 1987

HOLE NAME: EDH - 87 - 17 DRILL CONTRACTOR Owen's Drilling	NORTHING 6603214.70 LOGGED BY B. Salkeld	EASTING 582949.30 HOLE SIZE 18.08 cm	ELEVATION OF COLLAR 963.50 M HOLE LENGTH 51.80 M
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DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	124951	Dark Grey	Medium Grey	13.15		
0.61-1.22 ( 2-4 )	124952	Dark Grey	Medium Grey	14.97		
1.22-1.83 ( 4-6 )	124953	Dark Grey	Medium Grey	13.15		
1.83-2.44 ( 6-8 )	124954	Dark Grey	Light Brown	25.86		
2.44-3.05 ( 8-10 )	124955	Dark Brown	Light Brown	29.94	0.001 oz/yc <sup>3</sup>	30 very fine colors
3.05-3.66 ( 10-12 )	124956	Dark Brown	Light Brown	31.75	20 ft.	
3.66-4.27 ( 12-14 )	124957	Dark Grey	Light Brown	23.59		
4.27-4.88 ( 14-16 )	124958	Medium Brown	Light Brown	30.39		
4.88-5.49 ( 16-18 )	124959	Medium Brown	Light Brown	29.03		
5.49-6.10 ( 18-20 )	124960	Dark Grey	Light Brown	34.47		
6.10-6.71 ( 20-22 )	124961	Dark Grey	Light Brown	29.03		
6.71-7.32 ( 22-24 )	124962	Medium Brown	Medium Brown	39.46		15 fine colors
7.32-7.92 ( 24-26 )	124963	Dark Brown	Brown	35.38	0.012 oz/yc <sup>3</sup>	30 very fine colors
7.92-8.53 ( 26-28 )	124964	Dark Grey	Medium Brown	34.02	10 ft.	\$6.60/yc <sup>3</sup> @ \$550.00 gold Total gold 0.6 grains
8.53-9.14 ( 28-30 )	124965	Medium Brown	Medium Brown	24.49		
9.14-9.75 ( 30-32 )	124966	Dark Brown	Light Brown	27.22	0.003 oz/yc <sup>3</sup>	35 very fine colors
9.75-10.36 ( 32-34 )	124967	Medium Brown	Light Brown	33.57	6 ft.	approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
10.36-10.97 ( 34-36 )	124968	Dark Orange	Medium Brown	27.22		*TOP OF TERTIARY GRAVEL @ 11.00 METERS
10.97-11.58 ( 36-38 )	124969	Dark Orange	Light Brown	21.77		5 very fine colors
11.58-12.19 ( 38-40 )	124970	Dark Orange	Pale Brown	32.21	TR 6 ft.	
12.19-12.80 ( 40-42 )	124971	Dark Orange	Pale Brown	32.21		
12.80-13.41 ( 42-44 )	124972	Dark Orange	Light Brown	28.12		60 very fine colors
13.41-14.02 ( 44-46 )	124973	Dark Orange	Light Brown	34.47	0.007 oz/yc <sup>3</sup>	\$3.85/yc <sup>3</sup> @ \$550.00 gold
14.02-14.63 ( 46-48 )	124974	Dark Brown	Light Brown	31.75	6 ft.	Total gold 0.2 grains

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 19, 1987

HOLE NAME FDH - 87 - 17

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	124975	Dark Orange	Light Brown	41.28	0.002 oz/yc <sup>3</sup>	40 very fine colors approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
15.24-15.85 ( 50-52 )	124976	Dark Orange	Light Brown	32.66		
15.85-16.46 ( 52-54 )	124977	Dark Orange	Light Brown	26.31		
16.46-17.07 ( 54-56 )	124978	Dark Brown	Light Brown	33.57		
17.07-17.68 ( 56-58 )	124979	Dark Orange	Light Brown	27.22		
17.68-18.29 ( 58-60 )	124980	Dark Orange	Light Brown	31.75		
18.29-18.90 ( 60-62 )	124981	Dark Orange	Light Brown	28.12		
18.90-19.51 ( 62-64 )	124982	Dark Brown	Light Brown	29.03		
19.51-20.12 ( 64-66 )	124983	Dark Orange	Light Brown	29.03		
20.12-20.73 ( 66-68 )	124984	Dark Orange	Light Brown	35.83		
20.73-21.34 ( 68-70 )	124985	Dark Orange	Medium Brown	98.08	0.002 oz/yc <sup>3</sup>	1 medium color 1 very fine color approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
21.34-21.95 ( 70-72 )	124986	Medium Orange	Medium Brown	34.47		
21.95-22.56 ( 72-74 )	124987	Dark Orange	Medium Brown	29.48		
22.56-23.16 ( 74-76 )	124988	Dark Brown	Light Brown	36.74		
23.16-23.77 ( 76-78 )	124989	Dark Orange	Medium Brown	30.84		
23.77-24.38 ( 78-80 )	124990	Dark Orange	Medium Brown	35.83		
24.38-24.99 ( 80-82 )	124991	Dark Orange	Medium Brown	27.22		
24.99-25.60 ( 82-84 )	124992	Dark Orange	Medium Brown	35.38		
25.60-26.21 ( 84-86 )	124993	Medium Brown	Light Brown	40.82		
26.21-26.82 ( 86-88 )	124994	Dark Brown	Light Grey	29.94		
26.82-27.43 ( 88-90 )	124995	Dark Brown	Medium Brown	36.29	20 ft.	
27.43-28.04 ( 90-92 )	124996	Medium Brown	Medium Brown	39.92		
28.04-28.65 ( 92-94 )	124997	Medium Brown	Medium Brown	29.94		
28.65-29.26 ( 94-96 )	124998	Medium Brown	Medium Brown	30.84		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 19, 1987

HOLE NAME PDH - 87 - 17

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	124999	Dark Brown	Light Brown	30.84	0.001 oz/yd <sup>3</sup>	1 fine color 15 very fine colors
29.87-30.48 ( 98-100 )	12500	Dark Brown	Light Brown	31.30	20 ft.	
30.48-31.09 ( 100-102 )	125001	Medium Brown	Light Brown Light Grey	35.83		
31.09-31.70 ( 102-104 )	125002	Light Brown	Light Brown	39.46		
31.70-32.31 ( 104-106 )	125003	Dark Orange	Medium Brown	39.01		
32.31-32.92 (106-108 )	125004	Medium Brown	Light Brown	30.39		
32.92-33.53 ( 108-110 )	125005	Dark Brown	Light Brown	28.12		
33.53-34.14 ( 110-112 )	125006	Dark Orange	Light Brown	38.56		
34.14-34.75 ( 112-114 )	125007	Medium Brown	Medium Brown	31.75		
34.75-35.36 ( 114-116 )	125008	Medium Grey	Light Grey	32.21	0.001 oz/yd <sup>3</sup>	
35.36-35.97 ( 116-118 )	125009	Dark Brown	Light Grey	34.93	-	2 fine colors
35.97-36.58 ( 118-120 )	125010	Light Grey	Light Grey	32.66	20 ft.	20 very fine colors 3
36.58-37.19 ( 120-122 )	125011	Medium Brown	Light Brown	36.29		
37.19-37.80 ( 122-124 )	125012	Dark Orange	Light Brown	35.38		
37.80-38.40 ( 124-126 )	125013	Medium Brown	Medium Brown	27.22		
38.40-39.01 ( 126-128 )	125014	Medium Brown	Medium Brown	48.08		
39.01-39.62 ( 128-130 )	125015	Medium Brown	Light Brown	39.46		
39.62-40.23 ( 130-132 )	125016	Dark Orange	Light Brown	32.66		
40.23-40.84 ( 132-134 )	125017	Medium Brown	Light Brown	37.20	0.001 oz/yd <sup>3</sup>	
40.84-41.45 ( 134-136 )	125018	Medium Brown	Light Brown	41.73	-	15 very fine colors
41.45-42.06 ( 136-138 )	125019	Dark Orange	Light Brown	39.01	18 ft.	
42.06-42.67 ( 138-140 )	125020	Medium Brown	Light Brown	36.29		
42.67-43.28 ( 140-142 )	125021	Dark Orange		41.73		
43.28-43.89 ( 142-144 )	125022	Medium Brown	Light Brown	35.83		



CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 19, 1987

HOLE NAME FDH - 87 - 17

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
43.89-44.50 (144-146)	125023	Medium Brown	Light Brown	33.57		2 medium colors 3 fine colors 20 very fine colors \$7.15/yd <sup>3</sup> @ \$550.00 gold Total Gold 0.4 Grains
44.50-45.11 (146-148)	125024	Medium Brown	Light Brown	32.66	0.013 oz/yd <sup>3</sup>	
45.11-45.72 (148-150)	125025	Medium Brown	Light Brown	32.21	6 ft.	
45.72-46.33 (150-152)	125026	Medium Brown	Medium Brown	36.29		
46.33-46.94 (152-154)	125027	Medium Brown	Light Brown	31.75		
46.94-47.55 (154-156)	125028	Medium Brown	Light Brown	30.84	0.085 oz/yd <sup>3</sup>	
47.55-48.16 (156-158)	125029	Dark Grey	Light Grey	29.48	6 ft.	
48.16-48.77 (158-160)	125030	Medium Grey	Light Grey	38.56		
48.77-49.38 (160-162)	125031	Dark Grey	White Brown	34.47	0.051 oz/yd <sup>3</sup>	
49.38-49.99 (162-164)	125032	Medium Grey	Brown White	42.64	6 ft.	
49.99-50.60 (164-166)	NO SAMPLES					5 medium colors 28 fine colors 30 very fine colors \$28.05/yd <sup>3</sup> @ \$550.00 gold Total gold 1.5 grains
50.60-51.21 (166-168)	NO SAMPLES					
51.21-51.82 (168-170)	NO SAMPLES					
	END OF HOLE	@ 51.80 METERS				









DATE: October 20, 1987

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

HOLE NAME: HH - 87 - 18 DRILL CONTRACTOR Owen's Drilling	NORTHING 6603198.60 LOGGED BY B. Salkeld	EASTING 582925.40 HOLE SIZE 18.08 cm	ELEVATION OF COLLAR 963.60 M HOLE LENGTH 52.43 M
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DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	123251	Dark Grey	Medium Brown	10.89		
0.61-1.22 ( 2-4 )	123252	Dark Grey	Medium Brown	13.61		
1.22-1.83 ( 4-6 )	123253	Dark Grey	Medium Brown	27.22		
1.83-2.44 ( 6-8 )	123254	Dark Brown	Medium Brown	26.76		3 fine colors 18 very fine colors
2.44-3.05 ( 8-10 )	123255	Dark Grey	Medium Brown	18.14	0.001 oz/yd <sup>3</sup>	
3.05-3.66 ( 10-12 )	123256	Dark Grey	Medium Brown	19.50	18 ft.	
3.66-4.27 ( 12-14 )	123257	Dark Grey	Medium Brown	24.49		
4.27-4.88 ( 14-16 )	123258	Dark Grey	Medium Brown	27.22		
4.88-5.49 ( 16-18 )	123259	Dark Grey	Medium Brown	29.48		
5.49-6.10 ( 18-20 )	123260	Dark Brown	Medium Brown	32.21		
6.10-6.71 ( 20-22 )	123261	Dark Brown	Medium Brown	39.92	0.002 oz/yd <sup>3</sup>	1 fine color 27 very fine colors approx. \$1.10/yd <sup>3</sup> @ \$550.00 gold
6.71-7.32 ( 22-24 )	123262	Dark Brown	Medium Brown	29.03	10 ft.	
7.32-7.92 ( 24-26 )	123263	Dark Brown	Medium Brown	35.83		
7.92-8.53 ( 26-28 )	123264	Dark Brown	Medium Brown	39.46		
8.53-9.14 ( 28-30 )	123265	Dark Brown	Medium Brown	32.21		9 fine colors 25 very fine colors \$5.50/yd <sup>3</sup> @ \$550.00 gold Total gold 0.3 grains *TOP OF TERTIARY GRAVEL @ 11.00 M 4 very fine colors
9.14-9.75 ( 30-32 )	123266	Medium Brown	Dark Brown	36.74	0.010 6 ft.	
9.75-10.36 ( 32-34 )	123267	Dark Brown	Dark Brown	44.00		
10.36-10.97 ( 34-36 )	123268	Medium Brown	Medium Brown	39.92		
10.97-11.58 ( 36-38 )	123269	Dark Orange	Medium Brown	38.56	TR 6 ft.	
11.58-12.19 ( 38-40 )	123270	Dark Orange	Medium Brown	41.73		
12.19-12.80 ( 40-42 )	123271	Medium Brown	Light Brown	39.92		
12.80-13.41 ( 42-44 )	123272	Dark Orange	Medium Brown	47.17	TR 6 ft.	5 very fine colors
13.41-14.02 ( 44-46 )	123273	Medium Brown	Medium Brown	39.01		
14.02-14.63 ( 46-48 )	123274	Medium Brown	Dark Brown	41.73		

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 CARNES CREEK EXPLORATIONS LTD.  
 BOREHOLE DRILLING LOG

DATE: October 20, 1987

HOLE NAME FDH - 87 - 18

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	123275	Medium Brown	Dark Brown	27.67		
15.24-15.85 ( 50-52 )	123276	Dark Orange	Dark Brown	35.83		
15.85-16.46 ( 52-54 )	123277	Medium Brown	Medium Brown	40.82		
16.46-17.07 ( 54-56 )	123278	Medium Brown	Medium Brown	32.66	TR 20 ft.	4 very fine colors
17.07-17.68 ( 56-58 )	123279	Medium Brown	Medium Brown	31.75		
17.68-18.29 ( 58-60 )	123280	Dark Orange	Dark Brown	40.37		
18.29-18.90 ( 60-62 )	123281	Dark Orange	Dark Brown	34.93		
18.90-19.51 ( 62-64 )	123282	Medium Brown	Dark Brown	49.90		
19.51-20.12 ( 64-66 )	123283	Medium Brown	Light Brown	36.29		
20.12-20.73 ( 66-68 )	123284	Dark Orange	Medium Brown	29.03		
20.73-21.34 ( 68-70 )	123285	Dark Orange	Medium Brown	33.57		
21.34-21.95 ( 70-72 )	123286	Medium Brown	Dark Brown	35.38		
21.95-22.56 ( 72-74 )	123287	Dark Orange	Dark Brown	35.83		
22.56-23.16 ( 74-76 )	123288	Dark Brown	Light Brown	29.03		
23.16-23.77 ( 76-78 )	123289	Dark Orange	Medium Brown	26.76		
23.77-24.38 ( 78-80 )	123290	Dark Orange	Medium Brown	30.84	TR 20 ft.	3 very fine colors
24.38-24.99 ( 80-82 )	123291	Dark Orange	Medium Brown	28.12		
24.99-25.60 ( 82-84 )	123292	Dark Orange	Medium Brown	35.38		
25.60-26.21 ( 84-86 )	123293	Medium Brown	Medium Brown	31.30		
26.21-26.82 ( 86-88 )	123294	Medium Brown	Medium Brown	34.47		
26.82-27.43 ( 88-90 )	123295	Medium Brown	Medium Brown	32.20		
27.43-28.04 ( 90-92 )	123296	Dark Orange	Medium Brown	32.20		
28.04-28.65 ( 92-94 )	123297	Dark Orange	Medium Brown	31.75		
28.65-29.26 ( 94-96 )	123298	Dark Orange	Medium Brown	28.12	TR 20 ft.	3 very fine colors

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 20, 1987

WELL NO. - 87 - 18

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	123299	Dark Orange	Medium Brown	32.21		
29.87-30.48 ( 98-100 )	123300	Dark Orange	Medium Brown	32.21		
30.48-31.09 ( 100-102 )	123301	Dark Orange	Medium Brown	32.66		
31.09-31.70 ( 102-104 )	123302	Dark Orange	Medium Brown	30.84		
31.70-32.31 ( 104-106 )	123303	Dark Orange	Dark Orange	31.75		
32.31-32.92 (106-108 )	123304	Dark Orange	Medium Brown	33.57		
32.92-33.53 ( 108-110 )	123305	Medium Brown	Medium Brown	34.47		
33.53-34.14 ( 110-112 )	123306	Medium Brown	Medium Brown	27.22		
34.14-34.75 ( 112-114 )	122307	Medium Brown	Medium Brown	34.47		
34.75-35.36 ( 114-116 )	122308	Light Brown	Light Grey	52.62		
35.36-35.97 ( 116-118 )	123309	Medium Brown	Light Grey	33.11	TR 20 ft.	4 very fine colors
35.97-36.58 ( 118-120 )	123310	Medium Brown	Light Grey	31.30		
36.58-37.19 ( 120-122 )	123311	Medium Brown	Light Grey	21.77		
37.19-37.80 ( 122-124 )	123312	Dark Orange	Light Grey	31.30		
37.80-38.40 ( 124-126 )	123313	Light Orange	Light Grey	34.93		
38.40-39.01 ( 126-128 )	123314	Dark Orange	Light Grey	33.11		
39.01-39.62 ( 128-130 )	123315	Medium Brown	Light Grey	32.21	TR 6 ft.	4 very fine colors
39.62-40.23 ( 130-132 )	123316	Medium Brown	Light Grey	35.83		
40.23-40.84 ( 132-134 )	123317	Medium Brown	Medium Brown	29.94		
40.84-41.45 ( 134-136 )	123318	Medium Brown	Medium Brown	29.48	TR 6 ft.	6 very fine colors
41.45-42.06 ( 136-138 )	123319	Dark Orange	Medium Brown	31.75		
42.06-42.67 ( 138-140 )	123320	Dark Orange	Medium Brown	32.21		
42.67-43.28 ( 140-142 )	123321	Medium Brown	Medium Brown	26.31	TR 6 ft.	1 very fine color
43.28-43.89 ( 142-144 )	123322	Medium Brown	Medium Brown	35.38		



CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 20, 1987

HOLE NAME FDH - 87 - 18

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
43.89-44.50 (144-146)	123323	Medium Brown	Medium Brown	33.11	IR 6 ft.	*BEDROCK @ 43.90 METERS
44.50-45.11 (146-148)	123324	Medium Brown	Medium Brown	36.29		1 very fine color
45.11-45.72 (148-150)	123325	Dark Grey	Light Brown	25.86		
45.72-46.33 (150-152)	NO SAMPLES					
46.33-46.94 (152-154)	NO SAMPLES					
46.94-47.55 (154-156)	NO SAMPLES					
47.55-48.16 (156-158)	NO SAMPLES					
48.16-48.77 (158-160)	NO SAMPLES					
48.77-49.38 (160-162)	NO SAMPLES					
49.38-49.99 (162-164)	NO SAMPLES					
49.99-50.60 (164-166)	NO SAMPLES					
50.60-51.21 (166-168)	NO SAMPLES					
51.21-51.82 (168-170)	NO SAMPLES					
51.82-52.43 (170-172)	NO SAMPLES					
	END OF HOLE	@ 52.40 METERS				









CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 21, 1987

HOLE NAME: FDH - 87 - 19	NORTHING 6602947.40	EASTING 582970.90	ELEVATION OF COLLAR 1012.00 M
DRILL CONTRACTOR Owen's Drilling	LOGGED BY B. Salkeld	HOLE SIZE 18.08 cm	HOLE LENGTH 37.80M

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	125051		Dark Grey	14.06		
0.61-1.22 ( 2-4 )	125052		Dark Grey	9.53		
1.22-1.83 ( 4-6 )	125053		Dark Grey	21.32		
1.83-2.44 ( 6-8 )	125054		Dark Grey	13.61	0.001 oz/yc <sup>3</sup>	
2.44-3.05 ( 8-10 )	125055		Dark Grey	20.87		20 very fine colors
3.05-3.66 ( 10-12 )	125056		Dark Grey	12.70	20 ft.	
3.66-4.27 ( 12-14 )	125057		Dark Grey	28.12		
4.27-4.88 ( 14-16 )	125058		Dark Grey	14.97		
4.88-5.49 ( 16-18 )	125059		Dark Grey	29.94		
5.49-6.10 ( 18-20 )	125060		Grey Brown	21.77		
6.10-6.71 ( 20-22 )	125061		Dark Brown	17.24		
6.71-7.32 ( 22-24 )	125062		Dark Brown	29.94		
7.32-7.92 ( 24-26 )	125063		Dark Brown	24.49		
7.92-8.53 ( 26-28 )	125064		Dark Brown	19.05	0.003 oz/yc <sup>3</sup>	
8.53-9.14 ( 28-30 )	125065		Medium Brown	27.67		65 very fine colors
9.14-9.75 ( 30-32 )	125066		Medium Brown	28.58	20 ft.	approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold
9.75-10.36 ( 32-34 )	125067		Medium Brown	39.01		
10.36-10.97 ( 34-36 )	125068		Medium Brown	34.47		
10.97-11.58 ( 36-38 )	125069		Medium Brown	37.20		
11.58-12.19 ( 38-40 )	125070		Medium Brown	32.66		
12.19-12.80 ( 40-42 )	125071		Grey Brown	27.67		
12.80-13.41 ( 42-44 )	125072		Grey Brown	34.47		
13.41-14.02 ( 44-46 )	125073		Grey Brown	26.76		
14.02-14.63 ( 46-48 )	125074		Medium Brown	36.29		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 21, 1987

HOLE NAME FH - 87 - 19

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	125075		Medium Brown	38.10		* CONTAMINATED? 2 fine colors 150 very fine colors
15.24-15.85 ( 50-52 )	125076		Medium Brown	31.75	0.011 oz/yd <sup>3</sup> 20 ft.	
15.85-16.46 ( 52-54 )	125077		Medium Brown	33.11		
16.46-17.07 ( 54-56 )	125078		Medium Brown	39.01		
17.07-17.68 ( 56-58 )	125079		Medium Brown	37.20		
17.68-18.29 ( 58-60 )	125080		Medium Brown	39.46		
18.29-18.90 ( 60-62 )	125081		Medium Brown	37.20		
18.90-19.51 ( 62-64 )	125082		Medium Brown	33.57		
19.51-20.12 ( 64-66 )	125083		Medium Brown	31.75		
20.12-20.73 ( 66-68 )	125084		Medium Brown	30.84		
20.73-21.34 ( 68-70 )	125085		Medium Brown	37.20	0.001 oz/yd <sup>3</sup> 20 ft.	30 very fine colors
21.34-21.95 ( 70-72 )	125086		Medium Brown	34.93		
21.95-22.56 ( 72-74 )	125087		Medium Brown	37.65		
22.56-23.16 ( 74-76 )	125088		Medium Brown	38.56		
23.16-23.77 ( 76-78 )	125089		Medium Brown	29.03		
23.77-24.38 ( 78-80 )	125090		Medium Brown	40.82		
24.38-24.99 ( 80-82 )	125091		Medium Brown	39.92		
24.99-25.60 ( 82-84 )	125092		Medium Brown	37.20		
25.60-26.21 ( 84-86 )	125093		Medium Brown	35.38		
26.21-26.82 ( 86-88 )	125094		Medium Brown	26.31		
26.82-27.43 ( 88-90 )	125095		Medium Brown	36.29	0.008 oz/yd <sup>3</sup> 20 ft.	* CONTAMINATED more than 100 very fine colors
27.43-28.04 ( 90-92 )	125096		Medium Brown	30.84		
28.04-28.65 ( 92-94 )	125097		Medium Brown	29.94		
28.65-29.26 ( 94-96 )	125098		Medium Brown	34.02		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 21, 1987

HOLE NAME BH - 87 - 19

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	125099		Medium Brown	34.47		
29.87-30.48 ( 98-100 )	125100		Medium Brown	29.94		
30.48-31.09 ( 100-102 )	125101		Grey Brown	29.94		
31.09-31.70 ( 102-104 )	125102		Medium Grey	35.83	0.007 oz/yd <sup>3</sup>	3 fine colors 150 very fine colors \$3.85/yd <sup>3</sup>
31.70-32.31 ( 104-106 )	125103		Medium Grey	32.21	6 ft.	@ \$550.00 gold Total gold 0.2 grains
32.31-32.92 (106-108 )	125104		Light Grey	32.66	0.010 oz/yd <sup>3</sup>	*BEDROCK @ 31.10 METERS
32.92-33.53 ( 108-110 )	125105		Light Grey	25.40	6 ft.	75 very fine colors approx. \$5.50/yd <sup>3</sup> @ \$550.00 gold
33.53-34.14 ( 110-112 )	125106		Light Grey	31.30		
34.14-34.75 ( 112-114 )	125107		Light Grey	30.84	0.007 oz/yd <sup>3</sup>	
34.75-35.36 ( 114-116 )	125108		Light Grey	33.57	6 ft.	60 very fine colors approx. \$3.85/yd <sup>3</sup> @ \$550.00 gold
35.36-35.97 ( 116-118 )	125109		Light Grey	29.03		
35.97-36.58 ( 118-120 )	125110		Light Grey	33.57	0.007 oz/yd <sup>3</sup>	
36.58-37.19 ( 120-122 )	125111		Medium Grey	35.83	6 ft.	2 fine colors 30 very fine colors approx. \$3.85/yd <sup>3</sup> @ \$550.00 gold
37.19-37.80 ( 122-124 )	125112		Medium Brown	14.52		
END OF HOLE		@ 37.80 METERS				



CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: November 6, 1987

HOLE NAME:		NORTHING	EASTING		ELEVATION OF COLLAR	
FDH - 87 - 20		6603450.10	581686.10		966.70 M	
DRILL CONTRACTOR		LOGGED BY	HOLE SIZE		HOLE LENGTH	
Owen's Drilling		B. Salkeld	18.08 cm		53.00 M	
DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	127001		Pale Brown	17.24		
0.61-1.22 ( 2-4 )	127002		Pale Brown	9.53		
1.22-1.83 ( 4-6 )	127003		Pale Brown	9.07		
1.83-2.44 ( 6-8 )	127004		Pale Brown	9.53	0.001 oz/yc <sup>3</sup>	2 fine colors
2.44-3.05 ( 8-10 )	127005		Pale Brown	11.79	20 ft.	10 very fine colors
3.05-3.66 ( 10-12 )	127006		Light Grey	16.33		
3.66-4.27 ( 12-14 )	127007		Pale Brown	24.04		
4.27-4.88 ( 14-16 )	127008		Light Grey	19.05		
4.88-5.49 ( 16-18 )	127009		Light Brown	24.49		
5.49-6.10 ( 18-20 )	127010		Light Grey	25.86		
6.10-6.71 ( 20-22 )	127011		Light Grey	33.57		
6.71-7.32 ( 22-24 )	127012		Light Grey	27.22		
7.32-7.92 ( 24-26 )	127013		Light Grey	29.94		
7.92-8.53 ( 26-28 )	127014		Light Grey	20.87	0.002 oz/yc <sup>3</sup>	1 medium color
8.53-9.14 ( 28-30 )	127015		Light Grey	25.40	18 ft.	4 very fine colors approx. \$1.10/yc <sup>3</sup> @ \$550.00 gold
9.14-9.75 ( 30-32 )	127016		Light Grey	35.38		
9.75-10.36 ( 32-34 )	127017		Light Grey	39.01		
10.36-10.97 ( 34-36 )	127018		Light Grey	37.20		
10.97-11.58 ( 36-38 )	127019		Grey	27.22		
11.58-12.19 ( 38-40 )	127020		Grey	27.22	0.007 oz/yc <sup>3</sup>	1 medium color
12.19-12.80 ( 40-42 )	127021		Grey	32.21	6 ft.	3 very fine colors approx. \$3.85/yc <sup>3</sup> @ \$550.00 gold
12.80-13.41 ( 42-44 )	127022		Grey	30.84		
13.41-14.02 ( 44-46 )	127023		Light Grey	33.57		
14.02-14.63 ( 46-48 )	127024		Light Grey	30.84	TR 6 ft.	1 fine color 3 very fine colors

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: November 6, 1987

HOLE NAME FDH - 87 - 20

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	127025		Light Brown Grey	30.84		*TOP OF TERTIARY GRAVEL @ 15.80 METERS
15.24-15.85 ( 50-52 )	127026		Light Brown	31.75	0.007 oz/yd <sup>3</sup>	
15.85-16.46 ( 52-54 )	127027		Light Orange	32.66	6 ft.	42 very fine colors approx. \$3.85/yd <sup>3</sup> @ \$550.00 gold
16.46-17.07 ( 54-56 )	127028		Orange	27.67		
17.07-17.68 ( 56-58 )	127029		Medium Brown	26.31		
17.68-18.29 ( 58-60 )	127030		Medium Brown	36.29	TR 8 ft.	5 very fine colors
18.29-18.90 ( 60-62 )	127031		Medium Brown	37.65		
18.90-19.51 ( 62-64 )	127032		Medium Brown	37.20		
19.51-20.12 ( 64-66 )	127033		Medium Brown	36.29		
20.12-20.73 ( 66-68 )	127034		Medium Brown	40.82		
20.73-21.34 ( 68-70 )	127035		Medium Brown	34.47		
21.34-21.95 ( 70-72 )	127036		Medium Brown	38.10		
21.95-22.56 ( 72-74 )	127037		Medium Brown	37.65	TR 18 ft.	5 fine colors
22.56-23.16 ( 74-76 )	127038		Medium Brown	39.92		
23.16-23.77 ( 76-78 )	127039		Medium Brown	29.94		
23.77-24.38 ( 78-80 )	127040		Medium Brown	31.75		
24.38-24.99 ( 80-82 )	127041		Medium Brown	36.29		
24.99-25.60 ( 82-84 )	127042		Medium Brown	35.38		
25.60-26.21 ( 84-86 )	127043		Medium Brown	36.29		
26.21-26.82 ( 86-88 )	127044		Medium Brown	38.10		
26.82-27.43 ( 88-90 )	127045		Medium Brown Orange	28.12	TR 20 ft.	1 very fine color
27.43-28.04 ( 90-92 )	127046		Medium Brown Orange	41.73		
28.04-28.65 ( 92-94 )	127047		Medium Brown Orange	34.47		
28.65-29.26 ( 94-96 )	127048		Medium Brown	42.64		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: November 6, 1987

HOLE NAME PDH - 87 - 20

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	127049		Medium Brown	34.93		
29.87-30.48 ( 98-100 )	127050		Medium Brown	36.29		
30.48-31.09 ( 100-102 )	127051		Medium Brown	39.46		
31.09-31.70 ( 102-104 )	127052		Medium Brown	35.38		
31.70-32.31 ( 104-106 )	127053		Medium Brown	36.29		
32.31-32.92 (106-108 )	127054		Medium Brown	26.31		
32.92-33.53 ( 108-110 )	127055		Medium Brown	38.10		
33.53-34.14 ( 110-112 )	127056		Medium Brown	29.03		6 very fine colors
34.14-34.75 ( 112-114 )	127057		Medium Brown	33.57	TR 20 ft.	
34.75-35.36 ( 114-116 )	127058		Medium Brown	38.10		
35.36-35.97 ( 116-118 )	127059		Medium Brown	33.57		
35.97-36.58 ( 118-120 )	127060		Medium Brown	24.49		
36.58-37.19 ( 120-122 )	127061		Brown	33.57		
37.19-37.80 ( 122-124 )	127062		Brown	29.03		
37.80-38.40 ( 124-126 )	127063		Brown	28.12		
38.40-39.01 ( 126-128 )	127064		Brown	46.27	TR 10 ft.	0 colors
39.01-39.62 ( 128-130 )	127065		Brown	34.47		
39.62-40.23 ( 130-132 )	127066		Orange	30.84		
40.23-40.84 ( 132-134 )	127067		Orange	34.47		
40.84-41.45 ( 134-136 )	127068		Orange	29.94	TR 6 ft.	0 colors
41.45-42.06 ( 136-138 )	127069		Orange	19.96		
42.06-42.67 ( 138-140 )	127070		Orange	33.57		
42.67-43.28 ( 140-142 )	127071		Orange	29.94	TR 6 ft.	1 very fine color
43.28-43.89 ( 142-144 )	127072		Orange	36.29		

CARNEC CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: November 6, 1987

HOLE NAME PDH - 87 - 20

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
43.89-44.50 (144-146)	127073		Medium Orange	27.22		*BEDROCK @ 43.90 METERS 2 very fine colors
44.50-45.11 (146-148)	127074		Medium Grey	13.61	TR 6 ft.	
45.11-45.72 (148-150)	127075		Light Grey	37.20		
45.72-46.33 (150-152)	127076		Pale Grey	40.82		
46.33-46.94 (152-154)	127077		Brown Medium Grey	37.20	TR 6 ft.	3 very fine colors
46.94-47.55 (154-156)	127078		Medium Grey	36.29		
47.55-48.16 (156-158)	127079		Grey	32.21	TR 4 ft.	1 very fine color
48.16-48.77 (158-160)	127080		Grey	45.36		
48.77-49.38 (160-162)	127081		Grey	37.20		
49.38-49.99 (162-164)	127082		Grey	59.88		
49.99-50.60 (164-166)	127083		Grey	56.70		
50.60-51.21 (166-168)	127084		Grey	25.40	TR 14 ft.	8 very fine colors
51.21-51.82 (168-170)	127085		Pale Grey	34.47		
51.82-52.43 (170-172)	127086		Brown White	25.40		
52.43-53.04 (172-174)	127087		Brown White	34.93		
END OF HOLE		@ 53.00 METERS				

DATE: October 22, 1987

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

HOLE NAME:		NORTHING	EASTING		ELEVATION OF COLLAR	
FDH - 87 - 23		6603641.70	581611.20		957.10 M	
DRILL CONTRACTOR		LOGGED BY	HOLE SIZE		HOLE LENGTH	
Owen's Drilling		B. Salkeld	18.08 cm		86.60 M	
DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	127101		Dark Brown	16.33		
0.61-1.22 ( 2-4 )	127102		Dark Brown	6.35		
1.22-1.83 ( 4-6 )	127103		Medium Brown Grey	9.53		
1.83-2.44 ( 6-8 )	127104		Medium Brown Grey	11.79		
2.44-3.05 ( 8-10 )	127105		Medium Brown Grey	15.42		10 very fine colors
3.05-3.66 ( 10-12 )	127106		Medium Brown Grey	19.96		
3.66-4.27 ( 12-14 )	127107		Medium Brown Grey	27.22		
4.27-4.88 ( 14-16 )	127108		Medium Grey	29.03		
4.88-5.49 ( 16-18 )	127109		Medium Grey	34.47		
5.49-6.10 ( 18-20 )	127110		Medium Grey	27.22		
6.10-6.71 ( 20-22 )	127111		Medium Grey	24.04		
6.71-7.32 ( 22-24 )	127112		Medium Grey	32.66		
7.32-7.92 ( 24-26 )	127113		Medium Grey	38.10		
7.92-8.53 ( 26-28 )	127114		Medium Grey	38.10		
8.53-9.14 ( 28-30 )	127115		Medium Grey	39.92		17 very fine colors
9.14-9.75 ( 30-32 )	127116		Medium Grey	44.91		
9.75-10.36 ( 32-34 )	127117		Medium Grey	34.02		
10.36-10.97 ( 34-36 )	127118		Medium Grey	19.05		
10.97-11.58 ( 36-38 )	127119		Medium Grey	37.20		
11.58-12.19 ( 38-40 )	127120		Brown Medium Grey	40.82		
12.19-12.80 ( 40-42 )	127121		Brown Light Grey	26.31		
12.80-13.41 ( 42-44 )	127122		Pale Grey	29.94		
13.41-14.02 ( 44-46 )	127123		Light Grey	38.10		
14.02-14.63 ( 46-48 )	127124		Medium Grey	43.55		

IR  
20 ft.

0.001 oz/yc<sup>3</sup>  
20 ft

-2-  
 CARNES CREEK EXPLORATIONS LTD.  
 BOREHOLE DRILLING LOG

DATE: October 22, 1987

HOLE NAME FDH - 87 - 23

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	127125		Light Grey	35.38	0.003 oz/yc <sup>3</sup> 20 ft.	100 very fine colors \$1.65/yc <sup>3</sup> @ \$550.00 gold Total gold 0.3 grains
15.24-15.85 ( 50-52 )	127126		Medium Grey	36.29		
15.85-16.46 ( 52-54 )	127127		Medium Grey	35.38		
16.46-17.07 ( 54-56 )	127128		Light Grey	31.75		
17.07-17.68 ( 56-58 )	127129		Medium Grey	38.10		
17.68-18.29 ( 58-60 )	127130		Medium Grey	38.10		
18.29-18.90 ( 60-62 )	127131		Light Grey	35.38		
18.90-19.51 ( 62-64 )	127132		Light Grey	36.29		
19.51-20.12 ( 64-66 )	127133		Medium Grey	31.75		
20.12-20.73 ( 66-68 )	127134		Medium Grey	38.56	0.001 oz/yc <sup>3</sup> 20 ft.	30 very fine colors
20.73-21.34 ( 68-70 )	127135		Medium Grey	36.29		
21.34-21.95 ( 70-72 )	127136		Medium Grey	40.82		
21.95-22.56 ( 72-74 )	127137		Light Grey	38.10		
22.56-23.16 ( 74-76 )	127138		Medium Grey	38.10		
23.16-23.77 ( 76-78 )	127139		Medium Grey	38.10		
23.77-24.38 ( 78-80 )	127140		Pale Brown	27.22		
24.38-24.99 ( 80-82 )	127141		Medium Brown	22.68		
24.99-25.60 ( 82-84 )	127142		Medium Brown	21.32		
25.60-26.21 ( 84-86 )	127143		Medium Brown	20.87		
26.21-26.82 ( 86-88 )	127144		Medium Brown	17.24		
26.82-27.43 ( 88-90 )	127145		Medium Brown	16.33		
27.43-28.04 ( 90-92 )	127146		Medium Grey	27.22	TR 20 ft.	10 very fine colors
28.04-28.65 ( 92-94 )	127147		Medium Grey	28.12		
28.65-29.26 ( 94-96 )	127148		Medium Grey	32.66		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 22, 1987

HOLE NAME FDH - 87 - 23

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	127149		Medium Brown	29.94		
29.87-30.48 ( 98-100 )	127150		Medium Grey	34.47		
30.48-31.09 ( 100-102 )	127151		Medium Grey	18.14		
31.09-31.70 ( 102-104 )	127152		Medium Brown	22.68		
31.70-32.31 ( 104-106 )	127153		Medium Brown	28.12		
32.31-32.92 (106-108 )	127154		Medium Brown	27.22		
32.92-33.53 ( 108-110 )	127155		Medium Brown	25.40	TR	5 very fine colors
33.53-34.14 ( 110-112 )	127156		Medium Brown	23.59	20 ft.	
34.14-34.75 ( 112-114 )	127157		Medium Brown	21.77		
34.75-35.36 ( 114-116 )	127158		Medium Brown	41.73		
35.36-35.97 ( 116-118 )	127159		Medium Brown	30.84		
35.97-36.58 ( 118-120 )	127160		Medium Grey	37.20		
36.58-37.19 ( 120-122 )	127161		Medium Brown Grey	41.73		
37.19-37.80 ( 122-124 )	127162		Medium Brown Grey	42.64		
37.80-38.40 ( 124-126 )	127163		Medium Brown Grey	33.57		
38.40-39.01 ( 126-128 )	127164		Medium Brown Grey	27.22	0.001 oz/yc <sup>3</sup>	
39.01-39.62 ( 128-130 )	127165		Medium Brown Grey	26.31		1 fine color
39.62-40.23 ( 130-132 )	127166		Medium Brown Grey	28.12	20 ft.	25 very fine colors
40.23-40.84 ( 132-134 )	127167		Medium Brown Grey	30.84		
40.84-41.45 ( 134-136 )	127168		Medium Brown Grey	27.22		
41.45-42.06 ( 136-138 )	127169		Medium Brown Grey	33.57		
42.06-42.67 ( 138-140 )	127170		Medium Brown Grey	37.20		
42.67-43.28 ( 140-142 )	127171		Medium Brown Grey	38.10		
43.28-43.89 ( 142-144 )	127172		Medium Brown Grey	35.38		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 22, 1987

HOLE NAME FDH - 87 - 23

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
43.89-44.50 (144-146)	127173		Medium Brown Grey	33.57		
44.50-45.11 (146-148)	127174		Medium Brown	22.68	0.002 oz/yd <sup>3</sup>	
45.11-45.72 (148-150)	127175		Medium Brown	21.77	20 ft.	3 fine colors 20 very fine colors approx. \$1.10/yd <sup>3</sup> @ \$550.00 gold
45.72-46.33 (150-152)	127176		Medium Brown	26.31		
46.33-46.94 (152-154)	127177		Medium Brown	36.29		
46.94-47.55 (154-156)	127178		Medium Brown	32.66		
47.55-48.16 (156-158)	127179		Medium Brown	30.84		
48.16-48.77 (158-160)	127180		Medium Brown	39.92		
48.77-49.38 (160-162)	127181		Light Brown	41.73		
49.38-49.99 (162-164)	127182		Light Brown	33.57		
49.99-50.60 (164-166)	127183		Light Brown	28.12		
50.60-51.21 (166-168)	127184		Light Brown	22.68	0.001 oz/yd <sup>3</sup>	
51.21-51.82 (168-170)	127185		Light Brown	29.03	20 ft.	18 very fine colors
51.82-52.43 (170-172)	127186		Light Brown	26.31		
52.43-53.04 (172-174)	127187		Light Brown	32.66		
53.04-53.64 (174-176)	127188		Light Brown	35.38		
53.64-54.25 (176-178)	127189		Pale Brown	29.03		
54.25-54.86 (178-180)	127190		Pale Brown	29.03		
54.86-55.47 (180-182)	127191		Light Brown	28.12		
55.47-56.08 (182-184)	127192		Light Brown	34.47		
56.08-56.69 (184-186)	127193		Medium Brown	35.29		
56.69-57.30 (186-188)	127194		Light Orange	35.29	0.002 oz/yd <sup>3</sup>	
57.30-57.91 (188-190)	127195		Light Orange	36.29	20 ft.	1 medium color 6 very fine colors approx. \$1.10/yd <sup>3</sup> @ \$550.00 gold
57.91-58.52 (190-192)	127196		Light Orange	36.29		
58.52-59.13 (192-194)	127197		Medium Orange	39.01		
59.13-59.74 (194-196)	127198		Medium Orange	39.01		



CARVES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 22, 1987

HOLE NAME PDH - 87 - 23

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
59.74-60.35 (196-198)	127199		Pale Orange	38.10		
60.35-60.96 (198-200)	127200		Pale Orange	35.83		
60.96-61.57 (200-202)	127201		Medium Brown	49.90		
61.57-62.18 (202-204)	127202		Medium Brown	37.20		
62.18-62.79 (204-206)	127203		Medium Brown	34.47		
62.79-63.40 (206-208)	127204		Medium Brown	39.01		
63.40-64.01 (208-210)	127205		Medium Brown	44.45	0.002 oz/yd <sup>3</sup>	6 fine colors
64.01-64.62 (210-212)	127206		Medium Brown	41.73	22 ft.	15 very fine colors approx. \$1.10/yd <sup>3</sup> @ \$550.00 gold
64.62-65.23 (212-214)	127207		Medium Brown	49.00		
65.23-65.84 (214-216)	127208		Medium Brown	24.49		
65.84-66.45 (216-218)	127209		Medium Brown	41.73		
66.45-67.06 (218-220)	127210	Medium Brown	Medium Brown	37.20		
67.06-67.67 (220-222)	127211	Medium Brown	Medium Brown	58.99		
67.67-68.28 (222-224)	127212	Medium Brown	Medium Brown Orange	32.66	0.003 oz/yd <sup>3</sup>	2 fine colors
68.28-68.88 (224-226)	127213	Medium Brown	Medium Brown Orange	30.84	6 ft.	9 very fine colors approx. \$1.65/yd <sup>3</sup> @ \$550.00 gold
68.88-69.49 (226-228)	127214	Dark Brown	Medium Brown Orange	39.01		
69.49-70.10 (228-230)	127215	Dark Orange	Medium Brown Orange	30.84		
70.10-70.71 (230-232)	127216	Dark Orange	Medium Brown Orange	39.01	TR 6 ft.	3 very fine colors
70.71-71.32 (232-234)	127217	Dark Orange	Medium Brown Orange	37.20		
71.32-71.93 (234-236)	127218	Dark Orange	Medium Orange	45.36		
71.93-72.54 (236-238)	127219	Dark Orange	Medium Orange	33.57	0.003 oz/yd <sup>3</sup>	20 very fine colors approx. \$1.65/yd <sup>3</sup> @ \$550.00 gold
72.54-73.15 (238-240)	127220	Dark Orange	Medium Orange	39.01	6 ft.	
73.15-73.76 (240-242)	127221	Dark Orange	Medium Orange	40.82		
73.76-74.37 (242-244)	127222	Dark Orange	Medium Orange	36.29	TR 6 ft.	3 very fine colors
74.37-74.98 (244-246)	127223	Dark Orange	Medium Orange	40.82		
74.98-75.59 (246-248)	127224	Medium Orange	Medium Orange	31.75		

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: October 22, 1987

HOLE NAME PDH - 87 - 23

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WIENER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
75.59-76.20 (248-250)	127225	Dark Orange	Medium Orange	28.12	TR 6 ft.	4 very fine colors
76.20-76.81 (250-252)	127226	Dark Orange	Medium Orange	30.39		
76.81-77.42 (252-254)	127227	Dark Orange	Medium Brown	31.75	TR 6 ft.	5 very fine colors
77.42-78.03 (254-256)	127228	Medium Brown	Medium Brown	39.01		
78.03-78.64 (256-258)	127229	Dark Grey	Medium Brown	45.36		
78.64-79.25 (258-260)	127230	Medium Brown	Medium Brown	32.66	TR 6 ft.	3 very fine colors
79.25-79.86 (260-262)	127231	Medium Brown	Medium Brown	40.82		
79.86-80.47 (262-264)	127232	Medium Brown	Medium Brown	36.29	TR 6 ft.	*BEDROCK @ 80.50 METERS
80.47-81.08 (264-266)	127233	Medium Brown	Medium Brown	34.47		
81.08-81.69 (266-268)	127234	Medium Grey	Medium Brown	35.38	TR 6 ft.	10 very fine colors
81.69-82.30 (268-270)	127235	Medium Grey	Medium Brown	26.31		
82.30-82.91 (270-272)	NO SAMPLES					
82.91-83.52 (272-274)	NO SAMPLES					
83.52-84.12 (274-276)	NO SAMPLES					
84.12-84.73 (276-278)	NO SAMPLES					
84.73-85.34 (278-280)	NO SAMPLES					
85.34-85.95 (280-282)	NO SAMPLES					
85.95-86.56 (282-284)	NO SAMPLES					
END OF HOLE @ 86.60 METERS						

CARNES CREEK EXPLORATIONS LTD.  
 BOREHOLE DRILLING LOG

DRILL HOLE NUMBER: PDH - 87 - 23

SCREEN ANALYSIS (g%)

FOOTAGE INTERVAL	DRY WEIGHT	+6 Ø	6-10 Ø	10-18 Ø	18-35 Ø	35-60 Ø	60-100 Ø	100-200 Ø	-200 Ø
218-220	993.8	400.8 40.33	185.8 18.69	172.3 17.33	92.1 9.26	62.1 6.24	25.8 2.59	21.1 2.12	33.8 3.40
220-222	829.9	252.6 30.43	130.1 15.67	153.7 18.52	108.7 13.09	84.5 10.18	43.7 5.26	34.4 4.14	22.2 2.67
222-224	1491.3	334.4 22.42	277.5 18.60	332.5 22.29	210.5 14.11	152 10.19	69.3 4.64	76.2 5.10	38.9 2.60
224-226	890.1	351.2 39.45	174.6 19.61	158.5 17.80	85.5 9.60	54.5 6.12	25 2.80	20.7 2.32	20.1 2.25
226-228	590.4	302.9 51.30	138.6 23.47	89.8 15.22	31.0 5.25	13.3 2.25	5.1 .86	4.5 .76	5.2 .88
228-230	920.7	273.3 29.68	187.4 20.35	188.2 20.44	113.1 12.28	93.1 7.93	32.5 3.52	27.7 2.79	27.4 2.97
230-232	456.5	166.3 36.42	55.0 12.04	57.3 12.55	40.0 8.76	25.1 5.49	36.9 8.08	36.3 7.95	39.6 8.67
232-234	947.4	186.3 19.66	150.2 15.85	196.3 20.71	139.9 14.76	108.1 11.41	58.4 6.16	52.3 5.52	55.9 5.90
234-236	1066.2	212.7 19.94	205.1 19.23	231.6 21.72	153.3 14.37	108.3 10.15	53.4 5.05	49.1 4.60	52.2 4.89
236-238	796.6	215.5 27.05	162.5 20.39	164.3 20.62	103.3 12.96	67.8 8.51	30.9 3.87	24.3 3.05	28.0 3.51
238-240	1105.7	270.5 24.46	230.2 20.81	232.8 21.05	146.5 13.24	104.2 9.42	48.1 4.35	40.6 3.67	32.8 2.96
240-242	680.5	137.1 20.14	155.3 22.82	168.1 24.70	97.5 14.32	59.2 8.69	24.7 3.62	18.2 2.67	20.4 2.99
242-244	797.7	275.1 34.48	179.2 22.40	150 18.80	80.1 10.04	48 6.01	21.8 2.73	20.2 2.53	23.3 2.92
244-246	922.4	266.2 28.85	143.5 15.55	155.6 16.86	123.6 13.39	109.2 11.83	63.2 6.85	42.3 4.58	18.8 2.03
246-248	607.6	124.3 20.45	107.6 17.70	121.1 19.93	100.5 16.54	69.0 11.35	35.2 5.79	19.9 3.27	30.0 4.93



DATE: November 30, 1987

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

HOLE NAME:		NORTHING	EASTING	ELEVATION OF COLLAR		
FDH - 87 - 30		6603939.20	581464.10	929.20 M		
DRILL CONTRACTOR		LOGGED BY	HOLE SIZE	HOLE LENGTH		
Owen's Drilling		B. Salkeld	18.08 cm	53.64 M		
DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	127251	Dark Brown	Dark Brown	14.06		
0.61-1.22 ( 2-4 )	127252	Dark Brown	Dark Brown	20.87		
1.22-1.83 ( 4-6 )	127253	Dark Brown	Medium Brown	23.59		
1.83-2.44 ( 6-8 )	127254	Dark Grey	Medium Brown Grey	20.87		
2.44-3.05 ( 8-10 )	127255	Dark Grey	Medium Brown Grey	11.79	TR 20 ft	2 very fine colors
3.05-3.66 ( 10-12 )	127256	Dark Grey	Medium Brown Grey	34.02		
3.66-4.27 ( 12-14 )	127257	Dark Grey	Medium Brown Grey	24.95		
4.27-4.88 ( 14-16 )	127258	Dark Grey	Medium Brown Grey	22.68		
4.88-5.49 ( 16-18 )	127259	Dark Brown	Medium Brown Grey			
5.49-6.10 ( 18-20 )	127260	Dark Brown	Medium Brown Grey	27.22		
6.10-6.71 ( 20-22 )	127261	Dark Brown	Medium Brown Grey	33.57		
6.71-7.32 ( 22-24 )	127262	Dark Brown	Medium Brown Grey	26.76		
7.32-7.92 ( 24-26 )	127263	Dark Brown	Medium Brown Grey	24.49		
7.92-8.53 ( 26-28 )	127264	Dark Brown	Medium Brown Grey	30.84		
8.53-9.14 ( 28-30 )	127265	Dark Brown	Medium Brown Grey	26.76		1 fine colors
9.14-9.75 ( 30-32 )	127266	Dark Brown	Medium Brown Grey	34.02	TR 20 ft.	3 very fine colors
9.75-10.36 ( 32-34 )	127267	Dark Brown	Medium Brown Grey	31.30		
10.36-10.97 ( 34-36 )	127268	Medium Brown	Medium Brown Grey	32.21		
10.97-11.58 ( 36-38 )	127269	Dark Brown	Medium Brown Grey	41.73		
11.58-12.19 ( 38-40 )	127270	Medium Brown	Medium Brown Grey	31.30		
12.19-12.80 ( 40-42 )	127271	Dark Grey	Dark Brown	27.22		
12.80-13.41 ( 42-44 )	127272	Dark Grey	Dark Brown Grey	20.87		
13.41-14.02 ( 44-46 )	127273	Dark Grey	Medium Brown Grey	40.82		
14.02-14.63 ( 46-48 )	127274	Dark Grey	Medium Brown Grey	28.12		

CARNES CREEK EXPLORATIONS LTD.  
COREHOLE DRILLING LOG

DATE: November 30, 1987

HOLE NAME FDH - 87 - 30

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS	
14.63-15.24 ( 48-50 )	127275	Dark Grey	Medium Brown Grey	32.66	0.020 oz/yc <sup>3</sup> 20 ft.	5 coarse colors 1 medium color 8 fine colors 6 very fine colors \$11.00/yc <sup>3</sup> @ \$550.00 gold Total gold 2.0 grains	
15.24-15.85 ( 50-52 )	127276	Dark Grey	Medium Brown Grey	29.94			
15.85-16.46 ( 52-54 )	127277	Dark Grey	Medium Brown Grey	37.20			
16.46-17.07 ( 54-56 )	127278	Dark Brown	Medium Brown Grey	29.03			
17.07-17.68 ( 56-58 )	127279	Dark Grey	Medium Brown Grey	41.73			
17.68-18.29 ( 58-60 )	127280	Dark Grey	Medium Brown Grey	42.64			
18.29-18.90 ( 60-62 )	127281	Dark Grey	Medium Brown Grey	37.65			
18.90-19.51 ( 62-64 )	127282	Dark Grey	Medium Brown Grey	33.11			
19.51-20.12 ( 64-66 )	127283	Dark Grey	Medium Brown Grey	36.29			
20.12-20.73 ( 66-68 )	127284	Dark Grey	Medium Brown Grey	39.46			
20.73-21.34 ( 68-70 )	127285	Dark Grey	Medium Brown Grey	38.10			9 fine colors
21.34-21.95 ( 70-72 )	127286	Dark Grey	Medium Brown Grey	34.47			
21.95-22.56 ( 72-74 )	127287	Dark Grey	Medium Brown Grey	27.22			TR 20 ft.
22.56-23.16 ( 74-76 )	127288	Dark Brown	Medium Brown Grey	44.00			
23.16-23.77 ( 76-78 )	127289	Dark Brown	Medium Brown Grey	29.03			
23.77-24.38 ( 78-80 )	127290	Dark Brown	Medium Brown Grey	35.38			
24.38-24.99 ( 80-82 )	127291	Dark Brown	Grey Brown	29.48			
24.99-25.60 ( 82-84 )	127292	Dark Brown	Grey Brown	31.30			
25.60-26.21 ( 84-86 )	127293	Dark Brown	Light Brown	33.57			
26.21-26.82 ( 86-88 )	127294	Dark Grey	Light Brown	32.66			
26.82-27.43 ( 88-90 )	127295	Dark Brown	Medium Brown	26.31	TR 20 ft.	5 very fine colors	
27.43-28.04 ( 90-92 )	127296	Dark Brown	Medium Brown	31.30			
28.04-28.65 ( 92-94 )	127297	Dark Brown	Dark Brown	32.21			
28.65-29.26 ( 94-96 )	127298	Dark Grey	Medium Brown	41.73			

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: November 30, 1987

HOLE NAME FDH - 87 - 30

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
29.26-29.87 ( 96-98 )	127299	Medium Brown	Medium Brown	35.38		
29.87-30.48 ( 98-100 )	127300	Medium Brown	Medium Brown	25.40		
30.48-31.09 ( 100-102 )	127301	Dark Brown	Medium Brown	24.95		
31.09-31.70 ( 102-104 )	127302	Medium Brown	Medium Brown	29.03	TR 6 ft.	1 very fine color
31.70-32.31 ( 104-106 )	127303	Medium Brown	Medium Brown	38.10		
32.31-32.92 (106-108 )	127304	Dark Orange	Medium Brown	19.50		1 coarse color
32.92-33.53 ( 108-110 )	127305	Dark Orange	Medium Brown	36.74	0.024 oz/yc <sup>3</sup> 6 ft.	10 very fine colors \$13.20/yc <sup>3</sup> @ \$550.00 gold Total gold 0.7 grains
33.53-34.14 ( 110-112 )	127306	Dark Orange	Medium Brown	36.29		
34.14-34.75 ( 112-114 )	127307	Dark Orange	Medium Brown	33.57		
34.75-35.36 ( 114-116 )	127308	Dark Orange	Medium Brown	27.67	TR 6 ft.	3 very fine colors
35.36-35.97 ( 116-118 )	127309	Dark Orange	Medium Brown	42.64		*TOP OF TERTIARY GRAVELS @ 33.50 METERS
35.97-36.58 ( 118-120 )	127310	Dark Orange	Medium Brown	38.56		6 very fine colors
36.58-37.19 ( 120-122 )	127311	Dark Orange	Medium Brown	42.18	TR 6 ft.	
37.19-37.80 ( 122-124 )	127312	Dark Orange	Medium Brown	35.83		
37.80-38.40 ( 124-126 )	127313	Dark Orange	Medium Brown	42.64		
38.40-39.01 ( 126-128 )	127314	Dark Orange	Medium Brown	37.65		
39.01-39.62 ( 128-130 )	127315	Dark Orange	Medium Brown	39.46		
39.62-40.23 ( 130-132 )	127316	Dark Orange	Medium Brown	35.83		5 fine colors
40.23-40.84 ( 132-134 )	127317	Dark Orange	Medium Brown	3.18	0.003 oz/yc <sup>3</sup> 20 ft.	35 very fine colors \$ 1.65/yc <sup>3</sup> @ \$550.00 gold Total gold 0.3 grains
40.84-41.45 ( 134-136 )	127318	Dark Orange	Medium Brown			
41.45-42.06 ( 136-138 )	127319	Medium Brown	Light Grey	48.08		
42.06-42.67 ( 138-140 )	127320	Dark Orange	Brown	30.84		
42.67-43.28 ( 140-142 )	127321	Dark Orange	Light Grey	23.59		
43.28-43.89 ( 142-144 )	127322	Dark Orange	Brown	24.49		
			Light Grey			
			Brown			

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: November 30, 1987

HOLE NAME PDH - 87 - 30

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS		
43.89-44.50 (144-146)	127323	Dark Orange	Medium Brown	41.73	0.007 oz/yc <sup>3</sup> 14 ft.	38 fine colors approx. \$3.85/yc <sup>3</sup> @ \$550.00 gold		
44.50-45.11 (146-148)	127324	Light Brown	Medium Brown	37.20				
45.11-45.72 (148-150)	127325	Light Brown	Light Grey Brown	33.57				
45.72-46.33 (150-152)	127326	Light Brown	Light Grey Brown	43.55				
46.33-46.94 (152-154)	127327	Light Brown	Light Grey Brown	39.46				
46.94-47.55 (154-156)	127328	Medium Grey	Light Grey Brown	43.55				
47.55-48.16 (156-158)	127329	Medium Grey	Light Grey Brown	37.20				
48.16-48.77 (158-160)	127330	Medium Grey	Light Grey	35.83			0.007 oz/yc <sup>3</sup>	50 very fine colors approx. \$3.85/yc <sup>3</sup> @ \$550.00 gold
48.77-49.38 (160-162)	127331	Medium Grey	Light Grey	32.66			6 ft.	
49.38-49.99 (162-164)	127332	Medium Grey	Light Grey	33.57			6 ft.	
49.99-50.60 (164-166)	127333	Medium Brown	Light Brown	28.12			6 ft.	NO SAMPLE
50.60-51.21 (166-168)	127334	Dark Orange	Light Brown	29.48				
51.21-51.82 (168-170)	127335	Light Grey	Pale Grey	24.47				*BEDROCK @ 51.20 METERS
51.82-52.43 (170-172)	127336	Light Grey	Pale Grey	32.66				
52.43-53.04 (172-174)	127337	Light Grey	Pale Grey	43.10	0.003 oz/yc <sup>3</sup> 6 ft.	30 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold		
53.04-53.64 (174-176)	127338	Medium Grey	Grey White	10.89				
END OF HOLE		@ 53.64 METERS						











CARNES CREEK EXPLORATIONS LTD.  
 BOREHOLE DRILLING LOG

DATE: November 7, 1987

HOLE NAME: EDH - 87 - 31	NORTHING 6603926.50	EASTING 581622.30	ELEVATION OF COLLAR 904.30 M
DRILL CONTRACTOR Owen's Drilling	LOGGED BY B. Salkeld	HOLE SIZE 18.08 cm	HOLE LENGTH 29.30 M

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0.00-0.61 ( 0-2 )	123351	Dark Grey	Medium Grey	22.23		
0.61-1.22 ( 2-4 )	123352	Dark Brown	Brown	12.70		
1.22-1.83 ( 4-6 )	123353	Dark Brown	Brown	7.26		
1.83-2.44 ( 6-8 )	123354	Dark Grey	Grey	15.88		
2.44-3.05 ( 8-10 )	123355	Dark Grey	Grey	12.70	0.006 oz/yc <sup>3</sup> 20 ft.	9 fine colors 80 very fine colors \$3.30/yc <sup>3</sup> @ \$550.00 gold Total gold 0.6 grains
3.05-3.66 ( 10-12 )	123356	Dark Grey	Grey	14.06		
3.66-4.27 ( 12-14 )	123357	Medium Grey	Grey Brown	25.40		
4.27-4.88 ( 14-16 )	123358	Medium Grey	Pale Grey	22.68		
4.88-5.49 ( 16-18 )	123359	Medium Grey	Pale Grey	31.75		
5.49-6.10 ( 18-20 )	123360	Medium Grey	Pale Grey	34.93		
6.10-6.71 ( 20-22 )	123361	Dark Grey	Pale Grey	7.26		
6.71-7.32 ( 22-24 )	123362	Dark Grey	Pale Grey	15.42		
7.32-7.92 ( 24-26 )	123363	Dark Grey	Grey	40.82		
7.92-8.53 ( 26-28 )	123364	Dark Grey	Grey	35.83		
8.53-9.14 ( 28-30 )	123365	Dark Grey	Pale Brown	35.38	0.010 oz/yc <sup>3</sup> 20 ft.	1 coarse color 3 fine colors 30 very fine colors \$5.50/yc <sup>3</sup> @ \$550.00 gold Total gold 1.0 grains
9.14-9.75 ( 30-32 )	123366	Dark Grey	Pale Brown	38.10		
9.75-10.36 ( 32-34 )	123367	Dark Brown	Pale Brown	28.12		
10.36-10.97 ( 34-36 )	123368	Dark Brown	Pale Brown	39.01		
10.97-11.58 ( 36-38 )	123369	Dark Brown	Pale Brown	35.83		
11.58-12.19 ( 38-40 )	123370	Dark Brown	Pale Orange	25.40		
12.19-12.80 ( 40-42 )	123371	Dark Brown	Light Brown	34.47	0.005 oz/yc <sup>3</sup> 4 ft.	1 fine color 20 very fine colors approx. \$2.75/yc <sup>3</sup> @ \$550.00 gold
12.80-13.41 ( 42-44 )	123372	Dark Brown	Light Brown	35.38		
13.41-14.02 ( 44-46 )	123373	Dark Brown	Brown Grey	26.31		
14.02-14.63 ( 46-48 )	123374	Dark Brown	Medium Grey	34.47	0.003 oz/yc <sup>3</sup> 6 ft.	25 very fine colors approx. \$1.65/yc <sup>3</sup> @ \$550.00 gold

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CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: November 7, 1987

HOLE NAME FDH - 87 - 31

DEPTH INTERVAL	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yd <sup>3</sup> )	REMARKS
14.63-15.24 ( 48-50 )	123375	Dark Brown	Pale Grey	29.03		
15.24-15.85 ( 50-52 )	123376	Dark Brown	Grey Pale Orange	38.10		
15.85-16.46 ( 52-54 )	123377	Dark Grey	Grey Pale Orange	37.20	0.068 oz/yd <sup>3</sup>	1 coarse color 6 medium colors 4 fine colors 20 very fine colors \$37.40/yd <sup>3</sup> @ \$550.00 gold Total gold 2.0 grains
16.46-17.07 ( 54-56 )	123378	Medium Orange	Orange	31.75	6 ft.	
17.07-17.68 ( 56-58 )	123379	Dark Orange	Pale Orange Grey	31.75		
17.68-18.29 ( 58-60 )	123380	Dark Orange	Pale Orange	29.94	0.003 oz/yd <sup>3</sup>	*TOP OF TERTIARY @ 17.1 METERS 6 fine colors
18.29-18.90 ( 60-62 )	123381	Dark Orange	Pale Orange	42.64	6 ft.	50 very fine colors \$1.65/yd <sup>3</sup> @ \$550.00 gold Total gold 0.1 grains
18.90-19.51 ( 62-64 )	123382	Dark Grey	Pale Orange	43.54		
19.51-20.12 ( 64-66 )	123383	Dark Orange	Orange	36.29		
20.12-20.73 ( 66-68 )	123384	Medium Orange	Orange	28.12	0.008 oz/yd <sup>3</sup>	8 fine colors 80 very fine colors \$4.40/yd <sup>3</sup> @ \$550.00 gold Total gold 0.3 grains
20.73-21.34 ( 68-70 )	123385	Medium Orange	Orange	31.75		
21.34-21.95 ( 70-72 )	123386	Light Orange	Orange	30.84	0.005 oz/yd <sup>3</sup>	
21.95-22.56 ( 72-74 )	123387	Light Orange	Orange	29.03	8 ft.	55 very fine colors approx. \$2.75/yd <sup>3</sup> @ \$550.00 gold
22.56-23.16 ( 74-76 )	123388	Light Orange	Orange	34.47		
23.16-23.77 ( 76-78 )	123389	Light Grey	Brown White Orange	42.64		
23.77-24.38 ( 78-80 )	123390	Light Grey	Brown White Orange	30.84	0.003 oz/yd <sup>3</sup>	
24.38-24.99 ( 80-82 )	123391	Light Grey	Brown White	29.03	6 ft.	35 very fine colors approx. \$1.65/yd <sup>3</sup> @ \$550.00 gold
24.99-25.60 ( 82-84 )	123392	Light Grey	Brown White	32.66		*BEDROCK @ 24.40 METERS
25.60-26.21 ( 84-86 )	123393	Light Grey	Brown White	34.93		
26.21-26.82 ( 86-88 )	123394	Light Grey	Brown White	27.22	0.010 oz/yd <sup>3</sup>	4 medium colors 10 fine colors 60 very fine colors \$5.50/yd <sup>3</sup> Total gold 0.3 grains
26.82-27.43 ( 88-90 )	123395	Light Grey	Brown White	31.75	6 ft.	
27.43-28.04 ( 90-92 )	123396	Light Grey	Brown White	33.57		
28.04-28.65 ( 92-94 )	123397	Light Grey	Brown White	42.64	0.010 oz/yd <sup>3</sup>	1 coarse color 5 fine colors 40 very fine colors \$5.50/yd <sup>3</sup> Total gold 0.3 grains
28.65-29.26 ( 94-96 )	123398	Light Grey	Brown White	45.36	6 ft.	
END OF HOLE		@ 29.30 METERS				







CARNES CREEK EXPLORATIONS LTD.  
 BOREHOLE DRILLING LOG

DATE: August 30, 1987

HOLE NAME: RC PIT 3 - 01 DRILL CONTRACTOR Midnight Sun	NORTHING 6603759.10 LOGGED BY B. Wasiliew	EASTING 581672.80 HOLE SIZE 13.02 cm	ELEVATION OF COLLAR 921.60 M HOLE LENGTH 31.10 M
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DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0-1.52 (0-5)	113051 H		Grey	26.46		
1.52-3.05 (5-10)	113053 H		Grey	50.71		
3.05-4.57 (10-15)	113054 H		Grey	99.21	TR 25 ft.	1 fine color 2 very fine colors
4.57-6.10 (15-20)	113055 H		Grey	57.32		
6.10-7.62 (20-25)	113056 H		Grey	55.11		
7.62-9.14 (25-30)	113057 H		Grey	59.52	10 ft.	NO SAMPLE
9.14-10.67 (30-35)	113058 H		Grey	59.52		
10.67-12.19 (35-40)	113059 H		Grey Light Brown	90.39	TR	1 fine color
12.19-13.72 (40-45)	113060 H		Grey Light Brown	123.46	10 ft.	*TOP OF TERTIARY GRAVELS @ 12.20 METERS
13.72-15.24 (45-50)	113061 H		50-50	119.05		1 medium color
15.24-16.76 (50-55)	113062 H		Brown Red	110.23	0.004 oz/yc <sup>3</sup>	1 very fine color \$2.20/yc <sup>3</sup> @ \$550.00 gold
16.76-18.29 (55-60)	113063 H		Brown Red	103.62		
18.29-19.81 (60-65)	113064 H		Grey Brown	127.87	NO GOLD 10 ft.	No colors
19.81-21.34 (65-70)	113065 H		Grey Brown	101.41		
21.34-22.86 (70-75)	113066 H		Reddish Brown	105.82	TR 10 ft.	1 very fine color
22.86-24.38 (75-80)	113067 H		Brownish Red	119.05		
24.38-25.91 (80-85)	113068 H		Brownish Red	158.73	TR 10 ft.	4 very fine colors
25.91-27.43 (85-90)	113069 H		Brownish Grey	30.86		
27.43-28.96 (90-95)	113070 H		Brownish Grey	24.25	TR 10 ft.	4 very fine colors
28.96-30.48 (95-100)	113071 H		Brownish Red	11.02		
30.48-31.09 (100-102)	113072 H		Grey Pellet Pea Gravel	22.05	TR 7 ft.	3 very fine colors
END OF HOLE @ 31.10 METERS						NO BEDROCK

DATE: August 31, 1987

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

HOLE NAME: RC-PIT 3 - 02	NORthing 6603788.50	EASTING 581653.90	ELEVATION OF COLLAR 919.30 M
DRILL CONTRACTOR Midnight Sun	LOGGED BY B. Wasiliew	HOLE SIZE 13.02 cm	HOLE LENGTH 32.00 M

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS	REMARKS
0-1.52 (0-5)	107551 H		Grey			
1.52-3.05 (5-10)	107552 H		Grey			
3.05-4.57 (10-15)	107553 H		Grey		TR 25 ft.	1 fine color
4.57-6.10 (15-20)	107554 H		Grey			
6.10-7.62 (20-25)	107555 H		Grey			
7.62-9.14 (25-30)	107556 H		Grey			
9.14-10.67 (30-35)	107557 H		Grey		0.004 oz/yc <sup>3</sup> 15 ft.	2 medium colors 4 very fine colors \$2.20/yc <sup>3</sup> @ \$550.00 gold Total gold 0.15 grains
10.67-12.19 (35-40)	107558 H		Grey			
12.19-13.72 (40-45)	107559 H		Grey			
13.72-15.24 (45-50)	107560 H		Grey		TR 15 ft.	2 very fine colors *TOP OF TERTIARY GRAVEL @ 51.20
15.24-16.76 (50-55)	107561 H		Grey 90% Brown 10%			
16.76-18.29 (55-60)	107562 H		Grey Brown		No Gold 10 ft.	No colors
18.29-19.81 (60-65)	107563 H		Grey Brown			
19.81-21.34 (65-70)	107564 H		Brown			
21.34-22.86 (70-75)	107565 H		50% Grey 50% Brown		No gold 10 ft.	No colors
22.86-24.38 (75-80)	107566 H		Grey Brown			
24.38-25.91 (80-85)	107567 H		Grey Brown		TR 10 ft.	1 fine color 3 very fine colors
25.91-27.43 (85-90)	107568 H		Rusty Brown			
27.43-28.96 (90-95)	107569 H		Rusty Brown		TR 10 ft.	3 fine colors 1 very fine color
28.96-30.48 (95-100)	107570 H		Brown		0.004 oz/yc <sup>3</sup> 5 ft.	1 medium color 5 fine colors
30.48-32.00 (100-105)	107571 H		Brown Grey		0.004 oz/yc <sup>3</sup> 5 ft.	2 very fine colors \$2.20/yc <sup>3</sup> @ \$550.00 gold Total gold 0.005 grains
	END OF HOLE	@ 32.00 METERS				1 medium colors 4 fine colors 2 very fine colors \$2.20/yc <sup>3</sup> @ \$550.00 gold Total gold 0.05 grains
						* BEDROCK @ 30.30 METERS

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

DATE: August 31, 1987

HOLE NAME: RC PIT 3 - 03 DRILL CONTRACTOR Midnight Sun	NORIHING 6603780.00 LOGGED BY B. Wasiliew	EASTING 581691.00 HOLE SIZE 13.02 cm	ELEVATION OF COLLAR 908.30 M HOLE LENGTH 16.80 M
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DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0-1.52 (0-5)	113101 H		Brown Grey			
1.52-3.05 (5-10)	113102 H		Grey			
3.05-4.57 (10-15)	113103 H		Grey		TR 25 ft.	2 fine colors 2 very fine colors
4.57-6.10 (15-20)	113104 H		Light Grey Ash Like			
6.10-7.62 (20-25)	113105 H		Light Grey to Brown			
7.62-9.14 (25-30)	113106 H		Brown			
9.14-10.67 (30-35)	113107 H		Brown Grey		TR 10 ft.	2 very fine colors
10.67-12.19 (35-40)	113108 H		Brown			
12.19-13.72 (40-45)	113109 H		Grey Brown		TR 10 ft.	4 very fine colors
13.72-15.24 (45-50)	113110 H		Grey Brown			
15.24-16.76 (50-55)	113111 H		Brown		TR 10 ft.	6 fine colors 2 very fine colors
	END OF HOLE	@ 16.80 METERS				NO BEDROCK

DATE: September 1, 1987

CARNES CREEK EXPLORATIONS LTD.  
BOREHOLE DRILLING LOG

HOLE NAME: RC PIT 3 - 04	NORIHING 6603800.00	EASTING 581676.70	ELEVATION OF COLLAR 910.70 M
DRILL CONTRACTOR Midnight Sun	LOGGED BY B. Wasiliew	HOLE SIZE 12.02 cm	HOLE LENGTH 18.90 M

DEPTH INTERVAL (M)	SAMPLE NO.	SAMPLE COLOR	WATER COLOR	WEIGHT WET (kgs)	ASSAYS (oz/yc <sup>3</sup> )	REMARKS
0-1.52 (0-5)	113073 H		Grey			
1.52-3.05 (5-10)	113074 H		Grey Brown			
3.05-4.57 (10-15)	113075 H		Wash Grey		TR 25 ft.	3 very fine colors
4.57-6.10 (15-20)	113076 H		Grey			
6.10-7.62 (20-25)	113077 H		Grey to Brown			
7.62-9.14 (25-30)	113078 H		Brown		TR 10 ft.	3 very fine colors
9.14-10.67 (30-35)	113079 H		Grey Brown			
10.67-12.19 (35-40)	113080 H		Grey Brown		TR 10 ft.	1 very fine color
12.19-13.72 (40-45)	113081 H		Grey Brown			
13.72-15.24 (45-50)	113082 H		Brown		TR 10 ft	1 fine color 3 very fine colors
15.24-16.76 (50-55)	113083 H		Brown			
16.76-18.29 (55-60)	113084 H		Brown		TR 10 ft.	1 very fine color
18.29-18.90 (60-62)	113085 H		Brown			
END OF HOLE		@ 18.90 METERS				NO BEDROCK

APPENDIX IV

DRILL SAMPLE PROCESSING PROCEDURES

## DRILL SAMPLE PROCESSING PROCEDURES

A cyclone unit was used to retrieve the drill cuttings from the reverse circulation system during the drilling operation. Polyweave (burlap) bags, approximately 3' x 2', were placed beneath the cyclone unit (exhaust system) to contain the drill samples for transfer to the Field Laboratory (see photograph, No. 6). Two-foot intervals were marked on the drill casing with fluorescent paint by the drillers such that every two feet the existing bag was replaced and set beside the previous bag. Each bag contained approximately 60 pounds (27 kilograms) of material. At the completion of a hole the Geologist made a visual inspection of the bags to determine and record the depths of the tops of major geological units--ie. Grey-Blue Channel, Tertiary, and Bedrock. The bags were then tagged using duplicate assay tickets that contained the following information; Hole Number, Sample Number, Date, Hole Size, Footage Interval, Geological Unit and Sample Weight.

The right-hand portion of the ticket for each 2 foot sample was placed in the polyweave bag and the left-hand one was retained as a permanent record in a stapled format of fifty to a booklet. The bags were then transported to the Field Laboratory for processing where composites of the samples were prepared and a more complete log of each of the samples was also prepared.

The Pleistocene grey or blue gravels and the Tertiary red gravels were processed in 12 or 20 foot intervals while the interface gravels between these units (and also on bedrock) were processed in 6 foot intervals.

Initially the drill logs included the following headings for the logging formats: Sample Number, Footage Interval, Sample Weight, Water Colour, Moisture Content, and Remarks. In the final analysis it was determined that moisture could not be determined accurately by visual observation. Secondly, moisture content does not help in the identification of major geological markers and/or intervals containing higher gold recoveries. Under Remarks the person jiggling would describe the shape of the rock fragments as being angular, sub-angular, sub-rounded, or rounded and visually estimate the percentage of various size fractions from rock fragments down to sand. The purpose of this was to help in determining

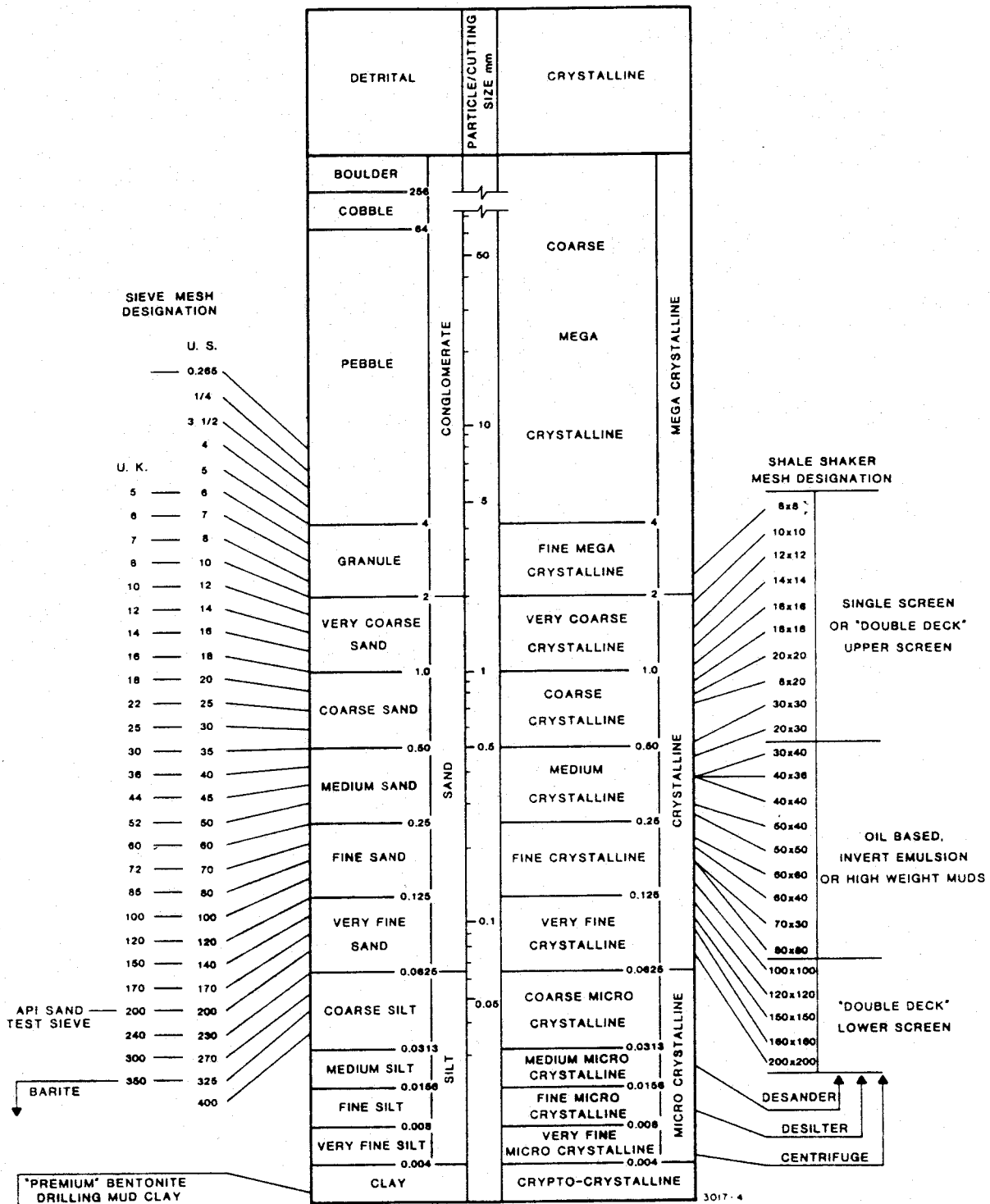
the genesis of the various geological horizons. However, given the fact that the drill bit produced angular fragments from drilling through boulder layers that were round, it was not possible to draw any conclusions from the shape of the fragments. Also, with up to four different people processing samples the estimation of percentage of fragments to sand was very subjective.

To provide a more standardized sample description and quantitative approach to logging the samples, a revised system was initiated halfway through the drilling program. Approximately one-kilogram samples ("Save" samples) were taken from each polyweave bag which represented 2 feet of hole and this was placed in plastic bags 18" x 12" (see photograph, No. 7). The plastic bags were identified by the hole number and the assay ticket number with black felt marker pen. In addition the assay ticket was placed in the plastic bag as a double check. This procedure applied to the following holes:

PDH-87-09	PDH-87-18
PDH-87-11	PDH-87-19
PDH-87-12 (Tertiary)	PDH-87-20
PDH-87-15	PDH-87-23
PDH-87-16	PDH-87-30
PDH-87-17	PDH-87-31

New drill log forms were drafted that included the following headings: Sample Number, Footage Interval, Sample Weight, Sample Colour, Water Colour, Dry Weight (of Reserved Small Sample), Screen Analysis: +6 mesh / 6-10 mesh / 10-18 mesh / 18-35 mesh / 35-60 mesh / 60-100 mesh / 100-200 mesh / -200 mesh, and remarks. A standardized colour code (Grey: dark/medium/light; Brown: dark/medium/light; Orange: dark/medium/light) consisting of 9 soil samples placed in plastic pill containers was established to describe the sample colours (see photograph, No. 8).

The revised drill logs did not include moisture content. Also the shape of the fragments was not noted and the visual percentage estimation of fragments to sand was replaced by drying the "Save" samples on rectangular aluminum plates and then



Wentworth Particle and Standard Mesh Sizes



shaking the dried sample through a series of seven mesh sizes (see photographs, No. 9, 10, 11, 12, 13 and 14). The mesh sizes were chosen based on the Wentworth Classification Scale of Grain Sizes. The weight retained in each mesh size was recorded in grams and calculated as a percentage of the total dried weight of the reserved small sample. The revised drill logs together with the previous logs are contained in Appendix III.

Listed below are eight of the twelve holes for which sample colour and screen analysis were recorded to study detailed stratigraphic correlation between drill holes:

PDH-87-11	PDH-87-18
PDH-87-12 (Tertiary)	PDH-87-23 (Tertiary)
PDH-87-15 (Top 60')	PDH-87-30
PDH-87-17	PDH-87-31

The information gathered from these holes is contained in Appendix III with the balance of the drill hole logs graphic displays.

Graphic displays of the screening for the samples analysed are shown in the drilling section of this report. Also, the seismic profiles were revised to contain a geological interpretation of the information gathered from the drill holes as presented in the Drill Hole Logs (Appendix III).

The remaining one-kilogram or "Save" samples that were not screened have been saved for future analysis.

The main part of the 2 foot drill samples that were not saved were combined into composites and processed for gold recovery. These represented about 97% of the material by weight. These combined samples were processed over one of two duplex Pan American-type water pulsator jigs (see photograph, No. 15).

These machines are hydraulically-actuated fixed screen jigs which require no mechanical power. Water under a steady pressure is introduced into a spring-

controlled pulsator valve. The water pressure raises a rubber diaphragm which causes the valve to lift off its seat. This permits water to flow around the valve and into the hutch of the jig. The escape of the water relieves the pressure in the valve body and the valve snaps shut. This action is repeated at a high frequency of between 400 and 600 times per minute, resulting in a pulsating flow through the jig's screen and bed.

Light particles are carried over the bed and flushed out to the discharge launder, while heavier particles of black sand and gold are dense enough to sink down through the pulsating flow. Coarse +8 mesh nuggets remain in the jig bed, and fines pass through the screen and into the hutch below, from which they are drawn off through the hutch discharge valve.

Pulsator jigs are particularly useful for exploration sampling when there are significant amounts of fine gold to be recovered. If run correctly these jigs will recover all +100 mesh gold, but some loss of very fine gold in the 150 to 200 mesh range is inevitable.

However, though jigs will recover finer gold than a sluice box, they do have one serious drawback when used as a sampling tool. Because of its overall configuration there are many small ledges and corners where particles of gold tend to 'hang up'. If the jig is not thoroughly cleaned between samples, contamination from one sample to another is inevitable. When the sample size is small, as in the case of a drill program, only a very few contaminating colors are needed to produce entirely misleading results.

#### Jig Concentrate Processing Method

The concentrates from the pulsator jigs were first passed through a 12 mesh screen and the screen oversize inspected for nuggets.

The screen undersize was then panned down to a volume of +/- 30 ml (2 tablespoons). The flakes of gold present were visually separated into four size ranges; coarse (+10 mesh), medium (10-30 mesh), fine (30-70 mesh), and very fine (-70 mesh), and the flakes present in each size range were counted and recorded.

If the quantity of gold present was significant (i.e. if it appeared to represent a grade of .003 oz/cu. yd or better), then the gold was amalgamated. If not it was discarded, and the grade recorded as 'trace'. (See Appendix V and VI for a complete breakdown of each sample processed together with calculated gold values.)

In samples to be amalgamated, the coarse +10 mesh nuggets were first picked out, dried and weighed. Then a pea-sized bead of mercury was added to the pan and rolled over the remaining gold particles. Generally at least half of the gold present would not amalgamate because it was slightly tarnished. These particles had to be rubbed against the bottom of the pan to clean them, after which they would amalgamate readily.

Once all the gold had been taken up by the mercury, the amalgam ball was transferred to a small crucible and cleaned of any adhering black sand. About 15 ml of 50% nitric acid was then added to the crucible, and the crucible placed in a well ventilated area.

After a while, generally about 5 to 7 minutes, the acid had digested the mercury, and the gold particles remained at the bottom of the crucible. The nitric-mercury solution was decanted off and the gold thoroughly washed and dried. It was then heated to anneal the gold and drive off any remaining mercury.

The gold was then weighed on a single-beam powder balance calibrated in grains, and this weight, together with the weight of any nuggets, was converted to troy ounces (480 grains = 1 troy ounce).

The theoretical volume of the sample was calculated according to the following formula:  $T.V. = \pi r^2 h$

where r was 2.56" for the reverse circulation holes RC-01 to 04, and 3.56" for the remainder of the holes 87-01 to 31; and where h was the drilled footage as measured by the drillers.

The weight of the gold in troy ounces was divided by the theoretical volume in cubic yards to give a grade determination expressed as raw ounces per cubic yard.

In instances where +10 mesh nuggets were present in the sample, a second grade was calculated that excluded the weight of the coarse gold.

APPENDIX V

CALCULATION OF WEIGHT OF INDIVIDUAL GOLD PARTICLES

## APPENDIX V

### I. CALCULATION OF WEIGHT OF INDIVIDUAL GOLD PARTICLES

In order to evaluate drill hole assays that were recorded by the assayer using colour counts only, a calculation was conducted on samples that had weight determinations for the recovered gold to arrive at an average weight for a single particle for each colour count fraction. The very fine fraction was determined first from seven samples that contained very fine gold particles only. The average weight was determined to be 0.047 grains which was rounded to 0.004 grains. Subsequently, the weighed sample results that contain only very fine and fine gold were used to calculate the weight of the fine fraction particles. This fraction calculated to be 0.029 or 0.023 grains depending which of the very fine particle weights were used. To again keep the values conservative 0.024 grains was selected for the weight of a fine particle. Similarly, the medium size particle was calculated to be a conservative 0.18 grains.

	<u>Size</u>	<u>Samples</u>	<u>Measured Wt. (grains)</u>	<u>Total Particles</u>	<u>Wt./Particle (grains)</u>
A.	Very Fine	7	4.0	840	0.004
B.	Very Fine Fine	30	14.2	1944 219	0.024
C.	Very Fine Fine Medium	19	14.3	962 112 43	0.18

II. To obtain the value in the "weight" column in Appendix VI, the number of particles for each size (i.e. very fine/fine/medium) were multiplied by their respective wt./particle.

e.g. PDH-87-02: 72-84' -/2/-/7

$$\begin{aligned}
 2 \times 0.18 \text{ grains} &= 0.360 \\
 7 \times 0.004 \text{ grains} &= \underline{0.028} \\
 &0.388 \text{ grains}
 \end{aligned}$$

III. A. To convert grains for a certain interval to oz/yd<sup>3</sup>, it was necessary to first calculate the volume of the respective sample.

e.g. PDH-87-02: 72-84'

$$\begin{aligned}
 \text{Volume} &= \frac{h \pi r^2}{27 \text{ ft}^3/\text{yd}^3} & \begin{aligned} h &= 12' \\ d &= 7.125'' \\ r &= 1/2 d \end{aligned}
 \end{aligned}$$

APPENDIX IV CONT'D

$$= \frac{12 \text{ ft} \times (7.125'' + 2 + 12''/\text{ft})^2}{27 \text{ ft}^3/\text{yd}^3}$$

$$= 0.12306 \text{ yd}^3$$

- B. The final step in calculating oz/yd<sup>3</sup> was to divide the weight from Step II by the volume and 480 grains/ounce.

e.g.

$$\frac{\text{Calculated Weight}}{\text{Volume} \times 480 \text{ grains/oz}}$$

PDH-87-02: 72-84'

$$\text{oz/yd}^3 = \frac{0.388 \text{ grains}}{0.12306 \text{ yd}^3 \times 480 \text{ grains/oz}}$$

$$= 0.0066 \text{ oz/yd}^3$$

The following are a list of the samples used for gold particle weight determinations.

APPENDIX IV CONT'D

	<u>Depth (ft)</u>	<u>Gold Count</u>	<u>Weight (grains)</u>	
PDH-87-01	24-36'	-/1/3/30	0.2	
	36-42'	-/-/-/100	0.3	
	78-90'	-/1/6/100	0.4	
PDH-87-02	60-72'	-/6/-/2	1.4	
PDH-87-03	60-72'	-/-/4/12	0.1	
	96-102'	1/2/-/10	0.3	
	102-108'	-/-/8/28	0.2	
	108-114'	-/-/2/16	0.1	
PDH-87-04	12-24'	1/-/1/6	0.8	
	24-36'	-/-/4/25	0.3	
	36-48'	-/-/12/30	0.4	
	48-60'	-/-/4/20	0.3	
	84-96'	-/-/-/100	0.6	
	120-132'	-/-/6/50	1.1	
	138-144'	-/2/10/30	1.9	
	144-150'	-/-/6/50	0.9	
PDH-87-06	76-96'	-/1/4/50	2.4	
	116-136'	-/-/17/20	0.8	
	136-156'	-/1/7/30	0.7	
	156-176'	-/-/10/40	0.2	
	236-256'	-/3/1/25	0.4	
	268-274'	-/1/3/10	0.3	
PDH-87-07	40-60'	-/-/30/30	0.6	
	220-240'	1/-/-/7	0.8	ex.c = tr
	240-260'	-/1/2/2	0.4	
PDH-87-08	120-140'	-/2/8/150	1.6	
	140-154'	1/-/1/30	1.1	
PDH-87-09	44-64'	-/5/10/60	0.6	
	84-104'	-/-/3/150	0.3	
	164-182'	-/1/1/40	0.2	
PDH-87-11	20-40'	-/5/-/60	1.3	
	40-60'	1/4/10/100	1.9	
	60-80'	-/2/-/100	0.7	
	120-140'	1/-/1/50	1.7	ex.c = .001
	192-202'	1/1/-/8	0.9	ex.c = .008



APPENDIX IV CONT'D

	<u>Depth (ft)</u>	<u>Gold Count</u>	<u>Weight (grains)</u>	
PDH-87-12	60-80'	-/-/120	0.9	
	80-100'	-/-/200	1.3	
	100-122'	-/-/100	0.4	
	136-142'	-/6/4/120	1.6	
	142-148'	-/-/10/80	0.6	
	148-168'	-/-/10/130	0.5	
	174-180'	1/-/2/25	0.3	ex.c = .003
	180-188'	-/-/1/75	0.2	
PDH-87-13	0-20'	-/-/2/70	0.4	
	20-40'	-/-/5/200	2.2	
	60-74'	-/-/5/60	0.3	
PDH-87-15	100-120'	-/-/2/100	0.3	
	120-140'	-/-/1/160	0.6	
	140-148'	-/1/4/60	0.3	
	154-160'	-/1/4/30	0.3	
	166-172'	-/2/1/65	0.2	
	232-250'	-/-/12/60	0.3	
	250-270'	-/3/3/50	0.6	
	PDH-87-16	54-66'	-/-/6/80	0.5
PDH-87-17	20-30'	-/-/15/30	0.6	
	42-48'	-/-/1/60	0.2	
	146-152'	-/2/3/20	0.4	
	152-158'	7/12/22/5	2.5	ex.c = .027
	158-164'	-/5/28/30	1.5	
	PDH-87-18	0-18'	-/-/3/18	0.1
	28-34'	-/-/9/25	0.3	
PDH-87-19	40-60'	-/-/2/150	1.1	
	100-106'	-/-/3/150	0.2	
PDH-87-23	40-60'	-/-/1/100	0.3	
PDH-87-30	40-60'	5/1/8/6	2.0	ex.c = .004
	106-111'	1/-/1/10	0.7	ex.c = .003
	124-144'	-/-/5/35	0.3	
PDH-87-31	0-20'	-/-/9/80	0.6	
	20-40'	1/-/3/30	1.0	ex.c = .002
	50-56'	1/6/4/20	2.0	ex.c = .044
	56-62'	-/-/6/50	0.1	
	62-70'	-/-/8/80	0.3	
	84-90'	-/4/10/60	0.3	
	90-96'	1/-/5/40	0.3	ex.c = .003

APPENDIX VI

DRILL HOLE SAMPLE ASSAYS

## DRILL HOLE SAMPLE ASSAYS

Explanation of tabulated results:

10 - 20 hole footage	-/-/1/10 color count	0.1 weight	.001 grade
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color count as 'coarse / medium / fine / very fine'  
 coarse grt than 10 mesh, medium 10-30 mesh, fine 30-70 mesh,  
 very fine less than 70 mesh.  
 m = more than 100  
 weight as grains, 480 gns = 1 oz. troy  
 grade as raw oz/cu yd.  
 tr = trace  
 ex.c = recalculated grade excluding +10 mesh gold  
 w = weighed sample  
 \* = values less than \$1.00/yd<sup>3</sup>

	Depth (feet)	Sample Increment (feet)	Gold Particle Count	Weight in Grains	Grade (oz/yd <sup>3</sup> )	Value based on gold @ \$550 oz	Avg Value
<b>OWEN DRILL HOLES</b>							
<u>PDH-87-01</u>							
Grey	0-12'	12	2/5/m/m	1.2w	0.020	\$11.00	\$4.95 /yd <sup>3</sup>
	12-24'	12	-/4/6/m	0.3w	0.005	2.75	
	24-36'	12	-/1/3/30	0.2w	0.003	1.65	
Interface	36-42'	6	-/-/100	0.3w	0.010	5.50	2.75
	42-48'	6	-/-/30	0.1	0.003	1.65	
	48-54'	6	-/-/30	0.1	0.003	1.65	
Tertiary	54-66'	12	-/-/30	0.1	0.002	1.70	2.10
	66-78'	12	-/-/15	0.1	0.002	1.10	
	78-90'	12	-/1/6/100	0.4w	0.007	3.85	
	90-102'	12	-/-/2	-	-	*	
	102-114'	12	-/-/2	-	-	*	
	114-120'	6	-/-/1/m	0.6w	0.020	11.00	
Interface	120-126'	6	-/-/40	0.2	0.007	3.85	3.58
	126-132'	6	-/-/40	0.2	0.007	3.85	
	132-136'	4	-/-/30	0.1	0.005	2.75	
<u>PDH-87-02</u>							
Grey	0-12'	12	-/-/40	0.2	0.003	1.65	0.94
	12-24'	12	-/-/3	-	-	*	
	24-36'	12	-/-/20	0.1	0.002	1.10	

	Depth (feet)	Sample Increment (feet)	Gold Particle Count	Weight in Grains	Grade (oz/yd <sup>3</sup> )	Value based on gold @ \$550 oz	Avg Value
<b>OWEN DRILL HOLES</b>							
Interface	36-42'	6	-/-/-/20	0.1	0.003	\$ 1.65	\$2.75/yd <sup>3</sup>
	42-48'	6	-/-/-/40	0.2	0.007	3.85	
Tertiary	48-60'	12	-/-/-/1	-	-	*	3.41
	60-72'	12	-/6/-/2	1.4w	0.024	13.20	
	72-84'	12	-/2/-/7	0.4	0.007	3.85	
	84-96'	12	-/-/1/1	-	-	*	
	96-108'	12	-/-/-/1	-	-	*	
Interface	108-114'	6	-/-/6/20	0.2	0.007	3.85	2.75
	114-120'	6	-/-/-/35	0.1	0.003	1.65	
	120-124'	4	-/-/-/10	-	-	*	
<b>PDH-87-03</b>							
Grey	0-12'	12	-/-/-/-	-	no sample	*	0.28
	12-24'	12	-/-/-/1	-	-	*	
	24-36'	12	-/-/-/5	-	-	*	
	36-48'	12	-/-/-/3	-	-	*	
	48-60'	12	-/-/-/4	-	-	*	
	60-72'	12	-/-/4/12	0.1w	0.002	1.10	
	72-84'	12	-/-/-/3	-	-	*	
	84-96'	12	-/-/1/11	0.1	0.002	1.10	
Interface	96-102'	6	1/2/-/10	0.3w	0.010	5.50	3.69
	102-108'	6	-/-/8/28	0.2w	0.007	3.85	
	108-114'	6	-/-/2/16	0.1w	0.003	1.65	
Tertiary	114-126'	12	-/-/2/1	0.1	0.002	1.10	0.28
	126-138'	12	-/-/1/3	-	-	*	
	138-150'	12	-/-/-/8	-	-	*	
	150-162'	12	-/-/-/4	-	-	*	
Interface	162-168'	6	-/-/-/4	-	-	*	0.00
	168-174'	6	-/-/1/4	-	-	*	
	174-180'	6	-/-/-/3	-	-	*	
	180-186'	6	-/-/-/1	-	-	*	
<b>PDH-87-04</b>							
Grey	0-12'	12	-/-/-/32	0.1	0.002	1.10	23.70
	12-24'	12	1/-/1/6	0.8w	0.014	7.70	
	24-36'	12	-/-/4/25	0.3w	0.050	2.75	
	36-48'	12	-/-/12/30	0.4w	0.007	3.85	
	48-60'	12	-/-/4/20	0.3w	0.005	2.75	
	60-72'	12	-/-/-/18	0.1	0.002	1.10	
	72-84'	12	-/1/50/m	12.5w	0.212	116.60	
	84-96'	12	-/-/-/100	0.6w	0.010	5.50	
	96-108'	12	-/1/30/m	10.0w	0.169	92.95	
	108-120'	12	-/-/-/75	0.3	0.005	2.75	

	Depth (feet)	Sample Increment (feet)	Gold Particle Count	Weight in Grains	Grade (oz/yd <sup>3</sup> )	Value based on gold @ \$550 oz	Avg Value
<b>OWEN DRILL HOLES</b>							
Interface	120-132'	12	-/-/6/50	1.1w	0.019	\$10.45	\$7.54/yd <sup>3</sup>
	132-138'	6	-/-/3/19	0.1	0.003	1.65	
Tertiary	138-144'	6	-/2/10/30	1.9w	0.064	35.20	2.81
	144-156'	12	-/-/6/50	0.9w	0.015	8.25	
	156-168'	12	-/-/-/25	0.1	0.002	1.10	
	168-174'	6	-/-/-/15	-	-	*	
	174-180'	6	-/-/-/3	-	-	*	
Interface	180-186'	6	-/-/-6	-	-	*	0.00
	186-190'	4	-/-/-/-	-	-	*	
	190-194'	4	-/-/-/-	-	-	*	
<u>PDH-87-05</u>							
Grey	0-12'	12	-/-/-/32	0.1	0.002	1.10	1.10
	12-24'	12	-/-/4/4	0.1	0.002	1.10	
Interface	24-30'	6	-/-/-/12	-	-	*	0.83
	30-36'	6	-/-/-/31	0.1	0.003	1.65	
Tertiary	36-42'	6	-/-/-/4	-	-	*	0.00
Interface	42-48'	6	-/-/-/3	-	-	*	0.83
	48-54'	6	-/-/-/25	0.1	0.003	1.65	
<u>PDH-87-06</u>							
Grey	0-12'	12	-/-/-/16	0.1	0.002	1.10	1.10
Interface	12-24'	12	-/-/-/11	-	-	*	0.00
Blue	24-36'	12	-/-/-/10	-	-	*	0.55
	36-56'	20	-/-/-/8	-	-	*	
	56-76'	20	-/-/1/40	0.2	0.002	1.10	
Interface	76-96'	20	-/1/4/50	2.4w	0.024	13.20	13.20
Grey	96-116'	20	-/-/-/25	0.1	0.001	*	1.43
	116-136'	20	-/-/17/20	0.8w	0.008	4.40	
	136-156'	20	-/1/7/30	0.7w	0.007	3.85	
	156-176'	20	-/-/10/40	0.2w	0.002	1.10	
	176-196'	20	-/-/-/40	0.2	0.002	1.10	
	196-216'	20	-/-/-/8	-	-	*	
	216-236'	20	-/-/1/25	0.1	0.001	*	
	236-256'	20	-/3/1/25	0.4w	0.004	2.20	

	Depth (feet)	Sample Increment (feet)	Gold Particle Count	Weight in Grains	Grade (oz/yd <sup>3</sup> )	Value based on gold @ \$550 oz	Avg Value	
<b>OWEN DRILL HOLES</b>								
Interface	265-262'	6	-/-/1/12	0.1	0.003	\$ 1.65	\$3.19/yd <sup>3</sup>	
	262-268'	6	-/-/1/18	0.1	0.003	1.65		
	268-274'	6	-/1/3/10	0.3	-	5.50		
	274-278'	6	-/-/1/28	0.1	0.007	3.85		
<u>PDH-87-07</u>								
Grey	0-20'	20	-/-/2/20	0.1	0.001	*	0.00	
Interface	20-40'	20	-/-/-/21	0.1	0.001	*	0.00	
Blue	40-60'	20	-/-/30/30	0.6w	0.006	3.30	0.88	
	60-80'	20	-/-/-/11	-	-	*		
	80-100'	20	-/-/-/19	0.1	0.001	*		
	100-120'	20	-/-/-/6	-	-	*		
	120-140'	20	-/-/1/10	0.1	0.001	*		
Grey	140-160'	20	-/-/-/25	0.1	0.001	*	1.27	
	160-180'	20	-/-/-/26	0.1	0.001	*		
	180-200'	20	-/-/-/7	-	-	*		
	200-220'	20	-/-/-/3	-	-	*		
	220-240'	20	1/-/-/7	0.8w	0.008	4.40		
	240-260'	20	-/1/2/2	0.4w	0.004	2.20		ex.c = tr
Interface	260-276'	16	-/-/-/4	-	-	*	0.77	
	276-282'	6	-/-/-/15	0.1	0.003	1.65		
	282-288'	6	-/-/16	0.1	0.003	1.65		
	288-294'	6	-/-/1/3	-	-	*		
	294-300'	6	-/-/-/7	-	-	*		
<u>PDH-87-08</u>								
Grey	0-20'	20	-/-/-/4	-	-	*	2.20	
	20-40'	20	-/-/1/4	-	-	*		
	40-60'	20	-/-/-/2	-	-	*		
	60-80'	20	-/-/-/4	-	-	*		
	80-100'	20	-/-/1/7	0.1	0.001	*		
	100-120'	20	-/-/-/7	-	-	*		
	120-140'	20	-/2/8/150	1.6w	0.016	8.80		
	140-154'	14	1/-/1/30	1.1w	0.016	8.80		ex.c = .003
Interface	154-160'	6	-/-/-/32	0.1	0.003	1.65		1.65
	160-166'	6	-/-/1/12	0.1	0.003	1.65		
	166-172'	6	-/-/1/25	0.1	0.003	1.65		
Tertiary	172-192'	20	-/-/-/35	0.1	0.001	*	0.55	
	192-212'	20	-/-/1/8	0.1	0.001	*		
	212-232'	20	-/-/1/30	0.1	0.001	*		

	Depth (feet)	Sample Increment (feet)	Gold Particle Count	Weight in Grains	Grade (oz/yd <sup>3</sup> )	Value based on gold @ \$550 oz	Avg Value
<b>OWEN DRILL HOLES</b>							
Interface	232-238'	6	-/-/2/16	0.1	0.003	\$ 1.65	\$1.65/yd <sup>3</sup>
	238-244'	6	-/-/-/35	0.1	0.003	1.65	
	244-250'	6	-/-/-/15	0.1	0.003	1.65	
	250-256'	6	-/-/-/15	0.1	0.003	1.65	
	256-262'	6	-/-/-/12	-	-	*	
<u>PDH-87-09</u>							
Grey	0-20'	20	-/-/3/20	0.2	0.002	1.10	1.21
	20-26'	6	-/-/-/20	0.1	0.003	1.65	
Interface	26-32'	6	-/-/1/20	0.1	0.003	1.65	1.10
	32-38'	6	-/-/-/30	0.1	0.003	1.65	
	38-44'	6	-/-/2/m	16.1w	contamination, jig tails		
Tertiary	44-64'	20	-/5/10/60	0.6w	0.006	3.30	2.09
	64-84'	no sample					
	84-104'	20	-/-/3/150	0.3w	0.003	1.65	
	104-124'	20	-/3/-/m	1.3w	0.013	7.15	
	124-144'	20	-/-/-/50	0.2	0.002	1.10	
	144-164'	20	-/-/-/30	0.1	0.001	*	
	164-182'	18	-/1/1/40	0.2w	0.002	1.10	
	182-188'	6	-/-/-/35	0.1	0.003	1.65	
Interface	188-194'	6	-/-/-/30	0.1	0.003	1.65	2.20
	194-200'	6	-/-/-/20	0.1	0.003	1.65	
	200-206'	6	-/-/-/35	0.1	0.003	1.65	
	206-212'	6	-/-/-/50	0.2	0.007	3.85	
	212-281'	6	-/-/-/25	0.1	0.003	1.65	
<u>PDH-87-10</u>							
Grey	0-20'	20	-/-/-/3	-	-	*	0.00
	20-40'	20	-/-/-/7	-	-	*	
	40-46'	6	-/-/-/1	-	-	*	
Blue	46-52'	6	-/-/-/10	-	-	*	0.00
	52-72'	20	-/-/-/4	-	-	*	
	72-92'	20	-/-/-/4	-	-	*	
Interface	92-98'	6	-/-/-/4	-	-	*	0.00
	98-104'	6	-/-/-/7	-	-	*	
	104-110'	6	-/-/-/3	-	-	*	
	110-120'	10	-/-/-/6	-	-	*	

	Depth (feet)	Sample Increment (feet)	Gold Particle Count	Weight in Grains	Grade (oz/yd <sup>3</sup> )	Value based on gold @ \$550 oz	Avg Value
<b>OWEN DRILL HOLES</b>							
<u>PDH-87-13</u>							
	0-20'	20	-/-/2/70	0.4w	0.004	\$ 2.20	\$7.15/yd <sup>3</sup>
	20-40'	20	-/-/5/200	2.2w	0.022	12.10	
Grey	40-60'	20	-/-/-/50	0.2	0.002	1.10	1.93
	60-74'	14	-/-/5/60	0.3w	0.004	2.20	
	74-80'	6	-/-/-/40	0.2	0.007	3.85	
Blue	80-86'	6	-/-/-/25	0.1	0.003	1.65	0.83
	86-92'	6	-/-/-/15	0.1	0.003	1.65	
	92-112'	20	-/-/-/35	0.1	0.001	*	
	112-132'	20	-/-/-/20	0.1	0.001	*	
Grey	132-152'	20	-/-/-/60	0.2	0.002	1.10	0.88
	152-172'	20	-/-/-/20	0.1	0.001	*	
	172-188'	16	-/-/-/40	0.2	0.002	1.10	
Interface	188-194'	6	-/-/-/10	-	-	*	0.00
	194-200'	6	-/-/-/5	-	-	*	
	200-206'	6	-/-/-/8	-	-	*	
	206-212'	6	-/-/-/8	-	-	*	
	212-218'	6	-/-/-/4	-	-	*	
<u>PDH-87-14 no samples.</u>							
<u>PDH-87-15</u>							
	0-20'	20	-/-/-/m	1.4w	0.014	7.70	23.65
	20-40'	20	-/-/10/m	7.1w	0.072	39.60	
Grey	40-60'	20	-/-/-/60	0.2	0.002	1.10	2.37
	60-80'	20	-/1/-/30	0.3	0.003	1.65	
	80-100'	20	-/-/-/10	-	-	*	
	100-120'	20	-/-/2/100	0.3w	0.003	1.65	
	120-140'	20	-/-/-/160	0.6w	0.006	3.30	
	140-148'	8	-/1/4/60	0.3w	0.008	4.40	
Interface	148-154'	6	-/1/2/20	0.3	0.010	5.50	5.50
	154-160'	6	-/1/4/30	0.3w	0.010	5.50	
	160-166'	6	-/1/2/20	0.3	0.010	5.50	
Tertiary	166-172'	6	-/2/1/65	0.2w	0.007	3.85	1.76
	172-192'	20	-/-/-/50	0.2	0.002	1.10	
	192-212'	20	-/-/-/20	0.1	0.001	*	
	212-232'	20	-/-/-/70	0.3	0.003	1.65	
	232-250'	18	-/-/12/60	0.3w	0.003	3.30	
	250-270'	20	-/3/3/50	0.6w	0.006	3.30	



	Depth (feet)	Sample Increment (feet)	Gold Particle Count	Weight in Grains	Grade (oz/yd <sup>3</sup> )	Value based on gold @ \$550 oz	Avg Value
<b>OWEN DRILL HOLES</b>							
Interface	270-276'	6	-/-/-10	-	-	\$ *	\$1.10/yd <sup>3</sup>
	276-282'	6	-/-/-15	0.1	0.003	1.65	
	282-288'	6	-/-/1/10	0.1	0.003	1.65	
<u>PDH-87-16</u>							
Grey	0-20'	20	-/-/-10	-	-	*	0.00
	20-40'	20	-/-/-15	0.1	0.001	*	
	40-48'	8	-/-/-1	-	-	*	
Interface	48-54'	6	-/-/-7	-	-	*	3.08
	54-66'	12	-/-/6/80	0.5w	0.008	4.40	
Tertiary	66-86'	20	-/-/-40	0.2	0.002	1.10	0.72
	86-106'	20	-/-/-35	0.1	0.001	*	
	106-126'	20	-/-/-30	0.1	0.001	*	
	126-146'	20	-/-/-15	0.1	0.001	*	
	146-166'	20	-/-/-30	0.1	0.001	*	
	166-186'	20	-/-/-25	0.1	0.001	*	
	186-200'	14	-/-/-20	0.1	0.001	*	
	200-212'	12	-/-/-10	-	-	*	
	212-218'	6	-/-/2/10	0.1	0.003	1.65	
	218-224'	6	-/-/2/25	0.1	0.003	1.65	
Interface	224-230'	6	-/-/-5	-	-	*	0.00
	230-236'	6	-/-/-2	-	-	*	
	236-242'	6	-/-/-10	-	-	*	
<u>PDH-87-17</u>							
Grey	0-20'	20	-/-/-30	0.1	0.001	*	2.59
	20-30'	10	-/-/15/30	0.6w	0.012	6.60	
Interface	30-36'	6	-/-/-35	0.1	0.003	1.65	0.83
	36-42'	6	-/-/-5	-	-	*	
Tertiary	42-48'	6	-/-/-60	0.2w	0.007	3.85	0.94
	48-68'	20	-/-/-40	0.2	0.002	1.10	0.94
	68-88'	20	-/1/-/1	0.2	0.002	*	
	88-108'	20	-/-/1/15	0.1	0.001	*	
	108-128'	20	-/-/2/20	0.1	0.001	*	
	128-146'	18	-/-/-15	0.1	0.001	*	
Interface	146-152'	6	-/2/3/20	0.4w	0.013	7.15	27.34
	152-153'	6	7/12/22/5	2.5w	0.085	46.75	ex.c = .027
	158-164'	6	-/5/28/30	1.5w	0.051	28.05	

	Depth (feet)	Sample Increment (feet)	Gold Particle Count	Weight in Grains	Grade (oz/yd <sup>3</sup> )	Value based on gold @ \$550 oz	Avg Value
<b>OWEN DRILL HOLES</b>							
<u>PDH-87-11</u>							
	0-20'	20	1/1/m/m	2.2w	0.022	\$12.10	\$8.42/yd <sup>3</sup>
	20-40'	20	-/5/-/60	1.3w	0.013	7.15	
	40-60'	20	1/4/10/100	1.9w	0.019	10.45	
	60-80'	20	-/2/-/100	0.7w	0.007	3.85	
Grey	80-100'	20	-/-/-/50	0.2	0.002	1.10	2.80
	100-120'	20	-/-/1/40	0.2	0.002	1.10	
	120-140'	20	1/-/1/50	1.7w	0.017	9.35	ex.c = .001
	140-160'	20	-/-/1/20	0.1	0.001	*	
	160-168'	8	-/-/1/5	-	-	*	
Interface	168-174'	6	-/-/1/6	-	-	*	1.10
	174-180'	6	-/-/-/20	0.1	0.003	1.65	
	180-186'	6	-/-/1/20	0.1	0.003	1.65	
Tertiary	186-192'	6	-/-/2/15	0.1	0.003	1.65	6.82
	192-202'	10	1/1/-/8	0.9w	0.018	9.90	ex.c = .008
Interface	202-208'	6	-/-/-/10	-	-	*	0.55
	208-214'	6	-/-/-/5	-	-	*	
	214-220'	6	-/-/-/14	0.1	0.003	1.65	
	220-226'	6	-/-/-/10	-	-	*	
<u>PDH-87-12</u>							
Grey	0-20'	20	-/-/-/38	0.2	0.002	1.10	contaminated
	20-40'	20	-/-/-/13	0.1	0.001	*	
	40-60'	20	-/-/-/42	0.2	0.002	1.10	
	60-80'	20	-/-/-/120	0.9w	0.009	4.95	
	80-100'	20	-/-/-/200	1.3w	0.013	7.15	
	100-122'	22	-/-/-/100	0.4w	0.004	2.20	
Interface	122-130'	8	-/-/-/30	0.1	0.003	1.65	
	130-136'	6	-/-/50/m	9.6w	0.330		contaminated
	136-142'	6	-/6/4/120	1.6w	0.054		contaminated
Tertiary	142-148'	6	-/-/10/80	0.6w	0.020		contaminated
	148-168'	20	-/-/10/130	0.5w	0.005	2.75	
Interface	168-174'	6	-/-/-/12	-	-	*	3.03
	174-180'	6	1/-/2/25	0.3w	0.010	5.50	ex.c = .003
	180-188'	8	-/-/1/75	0.2w	0.005	2.75	

	Depth (feet)	Sample Increment (feet)	Gold Particle Count	Weight in Grains	Grade (oz/yd <sup>3</sup> )	Value based on gold @ \$550 oz	Avg Value
<b>OWEN DRILL HOLES</b>							
<u>PDH-87-18</u>							
Grey	0-18'	18	-/-/3/18	0.1w	0.001	\$ *	\$0.77/yd <sup>3</sup>
	18-28'	10	-/-/1/27	0.1	0.002	1.10	
Interface	28-34'	6	-/-/9/25	0.3w	0.010	5.50	2.92
	34-40'	6	-/-/-/4	-	-	*	
Tertiary	40-46'	6	-/-/-/5	-	-	*	0.00
	46-66'	20	-/-/-/4	-	-	*	
	66-86'	20	-/-/-/3	-	-	*	
	86-106'	20	-/-/-/3	-	-	*	
	106-126'	20	-/-/-/4	-	-	*	
	126-132'	6	-/-/-/4	-	-	*	
Interface	132-138'	6	-/-/-/6	-	-	*	0.00
	138-144'	6	-/-/-/1	-	-	*	
	144-150'	6	-/-/-/1	-	-	*	
<u>PDH-87-19</u>							
Grey	0-20'	20	-/-/-/20	0.1	0.001	*	
	20-40'	20	-/-/-/65	0.3	0.003	1.65	
	40-60'	20	-/-/2/150	1.1w	0.011	-	contaminated
	60-80'	20	-/-/-/30	0.1	0.001	*	
	80-100'	20	-/-/-/m	0.8w	0.008	-	contaminated
Bedrock	100-106'	6	-/-/3/150	0.2w	0.007	3.85	4.29
	106-112'	6	-/-/-/75	0.3	0.010	5.50	
	112-118'	6	-/-/-/60	0.2	0.007	3.85	
	118-124'	6	-/-/2/30	0.2	0.007	3.85	
<u>PDH-87-20</u>							
Grey	0-20'	20	-/-/2/10	0.1	0.001	*	0.83
	20-38'	18	-/1/-/4	0.2	0.002	1.10	
Interface	38-44'	6	-/1/-/3	0.2	0.007	3.85	2.59
	44-50'	6	-/-/1/3	-	-	*	
	50-56'	6	-/-/-/42	0.2	0.007	3.85	
Tertiary	56-64'	8	-/-/-/5	-	-	*	0.00
	64-82'	8	-/-/-/5	-	-	*	
	82-102'	20	-/-/-/1	-	-	*	
	102-122'	20	-/-/-/6	-	-	*	
	122-132'	10	-/-/-/-	-	-	*	
Interface	132-138'	6	-/-/-/-	-	-	*	0.00
	138-144'	6	-/-/-/1	-	-	*	
	144-150'	6	-/-/-/1	-	-	*	

	Depth (feet)	Sample Increment (feet)	Gold Particle Count	Weight in Grains	Grade (oz/yd <sup>3</sup> )	Value based on gold @ \$550 oz	Avg Value
<b>OWEN DRILL HOLES</b>							
Interface	150-156'	6	-/-/-3	-	-	\$ *	\$0.00/yd <sup>3</sup>
	156-160'	4	-/-/-1	-	-	*	
	160-174'	14	-/-/-8	-	-	*	
<u>PDH-87-23</u> Grey	0-20'	20	-/-/-10	-	-	4	0.77
	20-40'	20	-/-/-17	0.1	0.001	*	
	40-60'	20	-/-/-100	0.3w	0.003	1.65	
	60-80'	20	-/-/-30	0.1	0.001	*	
	80-100'	20	-/-/-10	-	-	*	
	100-120'	20	-/-/-5	-	-	*	
	120-140'	20	-/-/1/25	0.1	0.001	*	
	140-160'	20	-/-/3/20	0.2	0.002	1.10	
	160-180'	20	-/-/-18	0.1	0.001	*	
	180-200'	20	-/1/-/6	0.1	0.002	1.10	
	200-222'	22	-/-/6/15	0.2	0.002	1.10	
Interface	222-228'	6	-/-/2/9	0.1	0.003	1.65	0.83
	228-234'	6	-/-/-3	-	-	*	
Tertiary	234-240'	6	-/-/-20	0.1	0.003	1.65	0.55
	240-246'	6	-/-/-3	-	-	*	
	246-252'	6	-/-/-4	-	-	*	
Interface	252-258'	6	-/-/-5	-	-	*	0.00
	258-264'	6	-/-/-3	-	-	*	
	264-270'	6	-/-/-10	-	-	*	
<u>PDH-87-30</u> Grey	0-20'	20	-/-/-2	-	-	*	2.20
	20-40'	20	-/-/1/3	-	-	*	
	40-60'	20	5/1/8/6	2.0w	0.020	11.00	ex.c = .004
	60-80'	20	-/-/-9	-	-	*	
	80-100'	20	-/-/-5	-	-	*	
Interface	100-106'	6	-/-/-1	-	-	*	4.40
	106-112'	6	1/-/-/10	0.7w	0.024	13.20	ex.c = .003
	112-118'	6	-/-/-3	-	-	*	
Tertiary	118-124'	6	-/-/-6	-	-	*	2.26
	124-144'	20	-/-/5/35	0.3w	0.003	1.65	
	144-158'	14	-/-/-38	0.2	0.007	3.85	
Interface	158-164'	6	-/-/-50	0.2	0.007	3.85	1.82
	164-170'	6	no sample	-	-	-	
	170-176'	6	-/-/-30	0.1	0.003	1.65	

	Depth (feet)	Sample Increment (feet)	Gold Particle Count	Weight in Grains	Grade (oz/yd <sup>3</sup> )	Value based on gold @ \$550 oz	Avg Value
<b>OWEN DRILL HOLES</b>							
<u>PDH-87-31</u>							
Grey	0-20'	20	-/-/9/80	0.6w	0.006	\$ 3.30	\$4.24/yd <sup>3</sup>
	20-40'	20	1/-/3/30	1.0w	0.010	5.50	ex.c = .002
	40-44'	4	-/-/1/20	0.1	0.005	2.75	
Interface	44-50'	6	-/-/-/25	0.1	0.003	1.65	13.59
	50-56'	6	1/6/4/20	2.0w	0.068	37.40	ex.c = .044
	56-62'	6	-/-/6/50	0.1w	0.003	1.65	
Tertiary	62-70'	8	-/-/8/80	0.3w	0.008	4.40	4.40
Interface	70-78'	8	-/-/-/55	0.2	0.005	2.75	3.74
	78-84'	6	-/-/-/35	0.1	0.003	1.65	
	84-90'	6	-/4/10/60	0.3w	0.010	5.50	
	90-96'	6	1/-/5/40	0.3w	0.010	5.50	ex.c = .003

#### MIDNIGHT SUN DRILL HOLES

RC-01, Rev Circ hole, 5.125" diam, Loc

0-25'	-/-/1/3	tr	tr
25-35'	no sample		
35-45'	-/-/1/-	tr	tr
45-55'	-/1/-/1	0.1	.004
55-65'	-/-/-/-	-	-
65-75'	-/-/-/1	tr	tr
75-85'	-/-/-/4	tr	tr
85-95'	-/-/-/4	tr	tr
95-102'	-/-/-/3	tr	tr

RC-02, Rev Circ hole, 5.125" diam, Loc

0-25'	-/-/1/-	tr	tr
25-40'	-/2/-/4	0.15	.004
40-55'	-/-/-/2	tr	tr
55-65'	-/-/-/-	-	-
65-75'	-/-/-/-	-	-
75-85'	-/-/1/3	tr	tr
85-95'	-/-/3/1	tr	tr
95-100'	-/1/5/2	0.05	.004
100-105'	-/1/4/2	0.05	.004

Depth (feet)	Sample Increment (feet)	Gold Particle Count	Weight in Grains	Grade (oz/yd <sup>3</sup> )	Value based on gold @ \$550 oz	Avg Value
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**MIDNIGHT SUN DRILL HOLES**

RC-03, Rev Circ hole, 5.125" diam, Loc

0-25'		-/-/2/2	tr	tr		
25-35'		-/-/-/2	tr	tr		
35-45'		-/-/-/4	tr	tr		
45-55'		-/-/6/2	tr	tr		

RC-04, Rev Circ hole, 5.125" diam, Loc

0-25'		-/-/-/3	tr	tr		
25-35'		-/-/-/3	tr	tr		
35-45'		-/-/-/1	tr	tr		
45-55'		-/-/1/1	tr	tr		
55-62'		-/-/-/1	tr	tr		