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GEOLOGICAL REPORT

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ON THE

KLONDIKE CITY PLACER PROJECT DAWSON AREA, YUKON TERRITORY

FOR

BERGLYNN RESOURCES INC. 900 - 475 HOWE STREET VANCOUVER, BRITISH COLUMBIA

BY

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JANUARY, 1983

SUMMARY

The Klondike City Placer Project overlies the old townsite of Klondike City immediately across the Klondike River from Dawson, Yukon. Known during the goldrush as Lousetown, it nevertheless had city status and a local ordinance forbidding "basement mining" within the town limits. This means that any auriferous gravels are still in place, and an exploration program to evaluate this property's economic potential is justified. A two phase evaluation program is recommended at a total cost of \$125,000. This is a progressive program with Phase II being contingent upon favourable results from Phase I.

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TERMS OF REFERENCE

The author was retained by Berglynn Resources Inc. to review all available information describing the area of their Klondike City Placer Project, located in the Dawson mining district of the Yukon Territory.

This review was to take the form of an independent study of the history and current status of the property, and an exploration program was also to be designed to evaluate its economic potential.

INTRODUCTION

The Klondike City Placer Project covers the area of the old "city" at the confluence of the Klondike and Yukon rivers. It lies immediately across the Klondike River from Dawson, Yukon. During the gold rush of "98" this area, also called Lousetown, was forbidden for placer mining. Between the outskirts of the "town" to the Klondike River bridge, 4 km upstream, 80,000 ounces of gold are reported to have been won from the Klondike River gravels. The bulk of this production comes from Yukon Consolidated Gold Corporation's dredging operations.

LOCATION AND ACCESSIBILITY

The property is located at the confluence of the Klondike and Yukon rivers, on the site of the abandoned Klondike City or Lousetown as it was more commonly and infamously referred to.

Access is provided by a four wheel drive tote road over 4 km of the roadbed of the abandoned Klondike City Mining Railway from the turnoff at the Klondike River bridge.

Co-ordinates of the property are 64° 04' North Latitude and 139° 25' West Longitude.

See Figure 1, Location Map, page 3 (immediately following).

HISTORY AND WORK TO DATE

The Klondike City Placer Project is comprised of staked placer claims, obtained under The Yukon Placer Mining Act. Although some 80,000 ounces of gold have been recovered from the 4 km of the Klondike River valley immediately upstream from Klondike City, this area was never allowed for staking as it was within the town limits where "basement mining" was forbidden. A title search was required to prove that all privately held lots within Klondike City had expired before the Dawson mining recorder would accept applications for grants for placer mining.



The mining history of the Klondike has been well documented from the first discovery of gold in the Yukon in the 1850s through the major discovery in 1881 on the Big Salmon River through the "Klondike Rush of 98" to the decline in 1966 which saw the shutdown of Yukon Consolidated Gold Corporation's last operating dredge.

The past few years has seen the Klondike rejuvenated by the dramatic increase in the value of gold.

In 1980, this writer operated a placer mining operation in the Klondike area, and during this time two trips were made to Klondike City at the request of El Klondike Resources Ltd. president, Mr. G. Irving. The purpose of these trips was to ascertain the most economical method of completing the annual assessment requirements.

REVIEW OF CURRENT STATUS

Claim Group

The property is comprised of eight placer claims. These are.

Claim Name	Grant Number	Expiry Date
Tammy #1	P 4322	October 18, 1983
Leroy #1	P 4321	u
Mariette #1	P 4317	11
Jean #1	P 4338	11
Mark #1	P 4368	"
Columbia #1	P 4369	11
Al #1	P 4423	11
Mark #2	P 4424	11

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All located on National Topographic Series Claim Map 116 B-3, Dawson mining district.

See Figure 2, Claim Map, page 6 (immediately following).

Status

The claim block is presently held in the name of El Klondike Resources Ltd. but has been sold as to 100% interest to Berglynn Resources Inc. The writer has not assumed any responsibility for the legal status of the property.

GEOLOGY

General Geology

Bedrock in the area is mainly Klondike schist. It is sedimentary in origin and locally contains albite, quartz, chlorite and calcite. Numerous quartz veins and stringers are found in the schist and these contain minor amounts of pyrite, chalcopyrite, galena and free gold. Gold in the streams has been for the most part concentrated from eroded pre-Pleistocene "white channel" gravels which are the dominant auriferous gravels in the Klondike. Some of these reworked gravels have formed new placer deposits as much as 100 meters below the white channel paystreak.



The Klondike City claims are located on a fluvial delta formed at the mouth of the Klondike River. Some 0 to 12 meters of gravel can be expected on the claims. Outcrop is exposed on the east and south sides of the group.

Discussion of Gold Values

Free gold has been panned from the gravels of the group by several individuals. White channel gravels exist on the south edge of the group which is exposed in old hand workings. Y.C.G.C. dredged to the south edge of the old townsite and either stopped because of the existing law respecting the townsite or the bedrock was too deep. It is reported that some 80,000 ounces of gold was recovered in this part of the river by the dredges.

A hole drilled by Anglo American in 1976 is reported to have recovered significant gold values from a location adjacent to the northwest boundary of the claims. None of these results have been verified.

CONCLUSIONS

The Klondike City Placer Project is located on a very well known placer river and should contain economically recoverable gold values. Colours have been panned from auriferous gravels within the claim area. Dredging, drilling and shaft sinking on three sides of the property have all yielded significant gold values. A major mining operation was started during the 1981 season on the bench

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claims above Klondike City but no production records are available.

Based on a review of available literature, personal communications with other operators in the area, and this author's own intimate knowledge of the property, an evaluation program has been designed.

The results of this exploration program should guide an ultimate production decision.

RECOMMENDATIONS

It is recommended that the following evaluation program be adopted to thoroughly evaluate the economic potential of the Klondike City Placer Project. A two phase program is recommended with the second phase to be carried out only if results from the first one are positive.

Recommendations are:

<u>Phase I</u>. Establish a grid system with good survey control to spot drill holes on section lines. Complete a twenty hole drilling program over entire property. Profile section lines for elevation and drafting control. Very carefully, sample drill cuttings in two foot intervals. Wet screen the individual samples to minus one half inch and hand pan to a concentrate. Recover the particles of visible gold. Weigh the gold from the gold bearing sections of each hole and use this data to calculate a dollar value per yard. Reserves

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can be calculated manually from the sections and/or generated by established computer techniques.

<u>Phase II</u>. If results of Phase I are positive then infill drill the remaining property in the established grid system to provide enough confidence in reserves and grade of the deposit to be able to make a production decision. Some bulk samples should be collected and processed through a prototype washing system to verify grade and prove recovery.

COST ESTIMATE

Phase I

1.	Surveying and Establishing Grid Network:	
	survey drill hole locations, roads and	
	profile section lines, 6 days x \$1000/day	
	plus accommodation for 3 men x \$55/man day	\$6,990
2.	Drill Roads and Drill Site Preparation:	
	D8 bulldozer, 16 hours x \$125/hour + fuel	2,500
3.	Drilling. 20 holes x 40 feet/hole x \$30/foot	24,000
4.	Sampling: collect and bag samples at 2 foot	
	intervals, 400 samples x \$3/sample	1,200
5.	Sample Processing. 800 drill feet x \$20/foot	16,000
6.	Accommodation: 14 mandays x \$55/day	770
7.	Transportation:	1,500
8.	Supervision.	3,000

9. Professional Fees: field supervision,

	final report, etc.		3,000
10.	Computer analyses:		1,000
		TOTAL COST	\$59,960
		Say,	\$60,000

Phase II

1.	Drill Site Preparation.		
	D8 bulldozer, 8 hours x \$125/hour +	fuel	\$ 1,500
2.	Drilling. 22 holes x 40 feet/hole x	\$30/foot	26,400
3.	Sampling and Sample Processing: 880) drill feet x	
	\$20/foot plus 440 samples x \$3/sampl	Le	18,920
4.	Surveying. 2 days x \$1000/day plus	accommodation,	
	2 days x 3 men x \$55/day		2,330
5.	Bulk Sampling. 4 samples x \$1000/sa	ample	4,000
6.	Supervision		3,000
7.	Transportation and Accommodation		2,000
8.	Professional Fees:		3,000
9.	Computer Analyses		1,000
		TOTAL COST	\$62,150
		Say,	\$65,000

GRAND TOTALS

	Cost	Cummulative Cost
Phase I	\$60,000	\$60,000
Phase II	\$65,000	\$125,000

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Ltd.

Sheppard, E.P. (1978): Geological Report, Klondike City Placer Claims, Dawson Area, Y.T.

CERTIFICATE

I, RICHARD TERRENCE HEARD, with business and residence addresses in North Vancouver, British Columbia, do hereby certify that:

- 1. I am a registered Professional Engineer in good standing in the Association of Professional Engineers of Yukon Territory, a registered Professional Engineer in good standing in the Association of Professional Engineers, Geologists and Geophysicists of Alberta, and a registered Professional Engineer in good standing of the Association of Professional Engineers of the Province of British Columbia.
- 2. I am a graduate of Halleybury School of Mines, Halleybury, Ontario, 1958 and of the Montana College of Mineral Science and Technology, Butte, Montana (Bachelor of Science in Geological Engineering in 1971).
- 3. I have been practicing my profession as an exploration geologist for 24 years and as a Professional Engineer for the past 10 years.
- 4. I have no interest, direct or indirect in Barglynn Resources Inc., nor do I expect to receive any interest, either direct or indirect, in the properties or securities pertaining thereto.

- 5. I have conducted a completely independent analysis of all data available for this property.
- 6. I hereby grant my permission for Berglynn Resources Inc. to use this report for any legal purposes normal to the business of Berglynn Resources Inc.

Dated at Vancouver, British Columbia this 1974 day of January, 1983.



R.T. Heard, P. Eng.

EVALUATION REPORT

ON THE

.

KLONDIKE CITY PROPERTY

DAWSON CITY, YUKON TERRITORY

for

BERGLYNN RESOURCES LTD. 706 - 595 Howe Street Vancouver, B.C. V6C 2T5

by

J.E. WALLIS, P.ENG. ROBERTSON, WALLIS & ASSOCIATES 708 - 1155 West Pender Street Vancouver, B.C. V6E 2P4

February 10, 1988

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SUMMARY

A placer drilling program was initiated on the Klondike City Property on September 8, 1987 utilizing a Schramm rotary drill mounted on a Nodwell tractor. A total of 1,545 feet of cased 6 inch drilling was completed in 46 holes. The program was successful in outlining the course of an ancient creek channel carrying economic quantities of placer gold. Although insufficient drilling was completed to clearly define both the right and left limits of the pay channel, it outlines a channel approximately 2,500 feet in length and 135 feet in width. Average grade appears to be in the range of 0.025 oz Au/yd³. At today's price of \$450 U.S./oz Au this equates to an "in ground" value of approximately \$1.5 million CDN.

Recommendations for 1988 include an additional 900 feet of cased rotary drilling to define limits, and a bulk testing program to confirm mineable grades. Total proposed budget for 1988 is approximately \$182,000.

LOCATION

The Klondike City property encompasses all of the riverbank area on the west side of the Klondike River at its confluence with the Yukon River. The claim area is directly across the Klondike River from Dawson City and takes in the total area of what was once called Lousetown, the red light district of early Dawson.

ACCESS

The property is accessible by two-wheel drive vehicle from a trail off the Klondike Highway which turns off to the west from the southerly approaches of the Klondike River bridge (Black Mike's). Total access length off the paved road is $2\frac{1}{2}$ kilometres.

Dawson City is accessible by good all-weather road from Whitehorse, Yukon, a distance of 330 miles. Dawson is also served by regular scheduled flights from Whitehorse.

PROPERTY STATUS AND OWNERSHIP

The property consists of 11 surveyed placer claims and 3 surveyed fractional placer claims and is owned outright by Berglynn Resources Ltd. of Vancouver, B.C. The claims are grouped with a common date of October 18. Details are as follows:

Claim Name	Record No.	Date Due
Mark #1	P 4368	October 18, 1987
Mark #2	P 4424	October 18, 1987
Marriette #1	P 4317	October 18, 1987
Tammy #1	P 4322	October 18, 1987
Jean #1	P 4338	October 18, 1987
Columbia #1	P 4369	October 18, 1987
LeRoy #1	P 4321	October 18, 1987
AL #1	P 4423	October 18, 1987
EB #1	P 22336	October 18, 1987
EB #2	P 22337	October 18, 1987
M.M. Canadian	P 13193	October 18, 1987

<u>Claım Name</u>	Record No.	Date Due		
Peter Fraction	P 29950 P 29951	October 18, 1987		
Bill Fraction	P 29949	October 18, 1987 October 18, 1987		

DRILLING METHOD

A Schramm rotary drill equipped with a casing hammer and mounted on a Nodwell tractor was contracted from Midnight Sun Drilling Ltd. of Whitehorse, Yukon. The drill unit was supported by a five ton diesel pipe truck equipped with a twenty foot deck and a Hiab.

Functional drilling consisted of driving a $6\frac{1}{2}$ inch O.D. welded casing with the advance of the tricone bit. Cuttings were returned with compressed air, run through a cyclone and bagged in 2 foot intervals. In this case bedrock was an extremely hard silicified unit and was seldom penetrated more than one foot.

Drill hole logs are enclosed as Appendix A - Drill Hole Data, 1987.

DRILL PATTERN

The initial search pattern was drilled on a wide 300-400 foot spacing along more or less north-south and east-west lines cleared with a D8 Caterpillar dozer. Care was taken to ensure that the lines were extremely clean and the brush buried. The lines originated from surveyed claim posts located on the Yukon River (north-south lines) and from surveyed posts on the Klondike River (east-west lines).

Sample processing followed drilling closely. When drill results revealed the presence of economic gold values, the drill hole spacing was reduced, in some cases to 40 feet.

SAMPLING TECHNIQUE

All two foot drill samples were weighed on a platform scales to correlate actual recoveries with theoretical recovery volumes.

Samples were processed in two foot intervals through a screen equipped sample sluice. Water was supplied with a two inch pump equipped with a bypass valve to control water volumes.

On completion of washing of each sample the sluice was thoroughly cleaned and the sluice concentrate hand panned to a pan concentrate. The pan concentrate was visually examined, amounts of gold counted and recorded, and the concentrate transferred to a ziploc bag marked with the hole number and sample interval.

SAMPLE EVALUATION

On completion of the drilling program, samples from each hole representing a mining section were combined, pan reduced and the gold hand picked, dried and weighed. Sample weights were then corrected for recovery and hole values calculated based on 730 fine gold. Results are shown on Table 1 - Calculated Grade of Pay Channel Drill Holes. It should be noted that drill indicated grades lower than 0.005 ozs Au/yd³ are shown on the enclosed "Plan Showing Drill Hole Locations" as trace values. Drill hole interpretation shows the presence of a pay channel running approximately northwest-southeast across the property. Although the drill pattern is not tight enough to clearly define both the right and left limits of channel, it appears that the channel is approximately 2,500 feet in length and 135 feet in width. Mineable gravels are approximately 6 feet thick, although it is probable that an 8 foot average will have to be taken to mine it properly. Average grade appears to be in the range of 0.025 ozs Au/yd³.

TABLE 1

CALCULATED GRADE OF PAY CHANNEL DRILL HOLES KLONDIKE CITY PROPERTY BERGLYNN RESOURCES LTD.

 Hole No.	Mining Section Ft.	Location Ft.	Recovered Wt. Placer au, mgs	Recovery Correction Factor	Corrected Recovered Wt. Placer Au, mgs	Calculated Placer Au mgs/yd ³	Calculated Fine Au mgs/yd ³	Calculated Value ozs fine Au/yd ³
					<u></u>			
DH-36	8.0	21-29	480	3.65	132	2261	1651	0.053
DH-40	8.0	26-34	470	4.33	109	1867	1363	0.044
DH-29	6.0	28-34	145	3.93	37	847	617	0.020
DH-23	6.0	28-34	65	4.87	13	297	217	0.007
DH-23*	4.0	30-34	65	5.55	12	411	300	0.009
DH-12	6.0	26-32	112	3.48	32	735	537	0.017
DH-22	6.0	21-27	90	3.08	29	662	483	0.016
DH-42	6.0	23-29	310	4.46	70	1598	1167	0.038
DH-31	6.0	20-26	295	4.62	64	1461	1067	0.034
DH-38A	6.0	22-28	265	4.41	60	1370	1000	0.032
DH-43	8.0	32-40	405	5.58	73	1250	913	0.029
DH-38B*	4.0	22-26	50	6.34	8	274	200	0.006
DH-32*	4.0	20-24	110	4.24	26	891	650	0.021
DH-39	6.0	26-32	110	3.93	28	639	466	0.015
DH-44	6.0	19-25	50	5.14	10	228	166	0.005
DH-28	6.0	29-35	50	2.125	24	548	400	0.013
DH-33*	4.0	27-31	34	2.46	14	480	350	0.011
DH-35*	4.0	21-25	35	3.56	10	343	250	0.008

CONCLUSIONS

Drilling during 1987 on the Klondike City property has outlined the course of an ancient creek channel carry economic values of placer gold. Although sufficient drilling has not been completed to accurately define the left and right limits of the pay channel, the completed program has shown that:

- a) The channel is approximately 2,500 feet long, 135 feet wide and 8 feet thick;
- b) The channel contains approximately 90,000 to 125,000 yds³ of mineable reserves.
- c) Average grade appears to be approximately 0.025 oz Au/yd³;
- d) The property probably contains \$1.5 million CDN in mineable reserves.

RECOMMENDATIONS

It is recommended that an additional 30 holes be drilled on the property early in the 1988 season to accurately define the left and right limits of the pay channel. If drilling is initiated in early April it will permit the drilling of several holes on the islands covered by the EBI and EB2 claims to assess their value.

On completion of the drill program, it is of utmost importance that a small 3,000 yd^3 bulk testing program be completed to assess the accuracy of the drill program and to test the feasibility of the mining plan.

Estimated costs of these programs are as follows:

Phase 1 - Drilling (start-up April 4, 1988)		
Rotary drilling,		
approximately 900 ft @ \$30/ft		\$ 27,000
Sampling and analysis		9,000
Accommodation and meals		6,000
Equipment rentals	·	
dozers, trucks, pumps etc.	XO.	8,000

Travel	\$	3,000
Mobilization and demobilization		9,000
	_	
Sub-total	\$	62,000
Contingency		13,000
TOTAL	<u>\$</u>	75,000

Phase 2 - Bulk Testing

This program will result in the stripping of approximately $50,000 \text{ yds}^3$ of waste and the mining of approximately $5,000 \text{ yds}^3$ of pay gravels. It is proposed to strip utilizing a 235 Cat backhoe, or equivalent, loading two trucks to enable logical placement of strip material. The same equipment can be utilized to mine and haul the pay gravels to a suitably located wash plant.

Backhoe rental	
1 month	\$ 24,000
Truck rentals	
160 hrs @ \$80/hr	12,800
Wash plant rental	5,000
Operators	
2 @ \$30/hr for 200 hrs	12,000
Engineering and planning	12,000
Fuel, 3,000 gal @ \$2.50/gal	7,500
Accommodation and meals	8,000
Travel	3,000
Mobilization and demobilization	6,000
Welding etc.	4,000
Sub-total	\$ 94,300
Contingency	12,700
TOTAL	<u>\$ 107,000</u>
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APPENDIX A

KLONDIKE CITY PROPERTY DRILL HOLE DATA 1987

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0' - 18'	Fine sand and gravel wood chips
18' - 30'	Coarse gravel and sand. Lots of water @ 20'
30' - 32'	Bedrock approximately 15% gravel

Sample Wt.		
Sample	lbs	Colours
26' - 28'	169	2 fine
28' - 30'	148	2 med, 9 Fine
30' - 32'	16	

DH-2

0' - 35'	Well washed gravel.	Water table @ 21 ft.	<u>wet</u> !
35' - 36'	Bedrock		

Sample Wt.		
Sample	lbs	Colours
32' - 34'	352	9 fine
34' - 36'	85	l lg, 2 med, 6 fine

DH-3

0' -	23'	Fine sand and gravel.	Clay seams	throughout.	Water
		table @ 19 feet			

23' - 25' Bedrock

Sample	Sample Wt.	Colours
17' - 19'	63	NIL
19' - 21'	44	NIL
21' - 23'	36	NIL
23' - 25'	40	1 fine

0 - 28'	Well washed gravel, 30% sand Bedrock.
28' - 29'	Water table @ 19 ft.

Sample Wt.		
Sample	lbs	<u>Colours</u>
22' - 24'	112	2 fine
24' - 27'	189	6 fine
27' - 29'	35	NIL

DH-5

0' - 3 <i>5</i> '	Well washed gravel and sand.	Water table @ 20 feet.
35' - 36'	Bedrock.	

Sample	Sample Wt. lbs	Colours
29' - 31'	76	4 fine
31' - 33'	19	1 fine
33' - 35'	71	2 fine
35' - 36'	23	l fine

DH-6

0' - 38'	Washed gravel and sand. Clay seams.

38' - 39' Bedrock. Water table @ 22 feet

Sample	Sample Wt. <u>Ibs</u>	Colours
32' - 34'	95	3 sm, 1 fine
34' - 36'	147	4 med, 1 sm, 1 fine
36' - 38'	37	7 med, 11 fine
38' - 39'	35	1 med, 3 sm

0' - 25'	Washed sand and gravel.	Water table @ 20 ft
25' - 29'	Bedrock (25' - 27' soft)	

Sample	Sample Wt. <u>Ibs</u>	Colours
21' - 23'	241	NIL
23' - 25'	107	2 fine
25' - 27'	20	NIL
27' - 29'	34	3 sm, 2 fine

i. R

0' - 40'	Washed sand and gravel.	Water table @ 23 ft.
40' - 42'	Bedrock.	

Sample	Sample Wt.	Colours
33' 35'	139	3 fine
35' - 37'	172	3 med, 3 sm, 2 fine
37' - 39'	210	2 lg, 6 sm, 2 fine
39' - 41'	42	2 med, 7 fine
41' - 42	13	NIL

0' - 32'	Fine sand and gravel.	Water table @ 22 ft.
32' - 38'	Bedrock. (Slide materi	ial from hillside?).

Sample	Sample Wt.	<u>Colours</u>
26' - 28'	85	NIL
28' - 30'	146	l fine
30' - 32'	188	5 fine
32' - 34'	30	l fine
34' - 36'	43	NIL
36' - 38'	17	NIL

DH-10

0' - 36'	Washed gravel and sand.	Water table @ 23 ft.
36' - 38'	Bedrock.	

Sample	Sample Wt.	Colours
30' - 32'	166	NIL
32' - 34'	167	NIL
34' - 36'	261	2 sm, 6 fine
36' - 38'	10	21 g, 4 fine

0' - 36'	Washed gravel and sand.	Water table @ 21 ft.
36' - 41'	Bedrock.	

Sample Wt. <u>lbs</u>	Colours
234	1 lg, 1 med, 5 fine
193	3 lg, 2 med, 16 fine
53	4 fine
30	NIL
48	NIL
	Sample Wt. <u>lbs</u> 234 193 53 30 48

0' - 31'	Fine gravel well washed.	Water @ 21 feet.
31' - 34'	Bedrock.	

Sample	Sample Wt.	Colours
24' - 26'	159	NIL
26' - 28'	178	11 lg, 20 med, 12 sm
		14 fine
28' - 30'	175	7 lg, 10 med, 25 sm
		8 fine
30' - 32'	64	2 med, 4 sm, 5 fine
32' - 34'	59	NIL

DH-13

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0' - 19'	Washed gravel and sand.	Water table @ 17 feet.
19' - 21'	Bedrock.	

	Sample Wt.	
Sample	lbs	Colours
15' - 17'	68	NIL
17' - 19'	129	3 fine
19' - 21'	24	NIL

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0' - 41'	Water washed gravels.	Water table @ 22 feet
41' - 42'	Bedrock.	

- .	Sample Wt.	.
Sample	Ibs	Colours
35' - 37'	169	4 med, 4 fine
37' - 39'	192	2 lg, 4 med, 14 sm,
		7 fine
39' - 41'	200	5 med, 12 sm, 6 fine
41' - 42'	37	1 sm

DH-15

0' - 38'

Water washed gravels. Water @ 21 ft.

	Sample Wt.	
Sample	lbs	Colours
	(
32' - 34'	108	1 sm, 3 fine
34' - 36'	179	3 sm, 15 fine
36' - 38'	147	6 sm, 12 fine

Note:	This hole did not reach bedrock.	Bedrock
	ıs probably @ 40 - 41 ft.	

0' - 45' Wash gravel, sand and clay seams. Water table @ 23 feet.

Sample	Sample Wt.	Colours
34' - 36'	92	NIL
36' - 38'	84	NIL
38' - 40'	77	NIL
40' - 42'	143	1 fine
42' - 45'	170	2 fine

INOTE: Inis note did not reach bedrock	Note:	This hole	e dıd not	reach	bedrock
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0' - 36'	Washed gravel, lots of clay seams	
	Water table @ 20 ft.	
36' - 37'	Bedrock.	

Sample	Sample Wt. <u>Ibs</u>	Colours
32' - 34'	164	12 fine
34' - 36'	102	3 sm, 12 fine
36' - 37'	38	8 fine

0' - 35'	Washed gravel and sand.	Water @ 28 ft.
35' - 38'	Bedrock (35' - 36' ft.)	

Sample	Sample Wt. Ibs	Colours
30' - 32'	63	4 sm, 4 fine
32' - 34'	102	3 fine
34' - 36	47	2 fine
36' - 38'	31	NIL

DH-19

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0' - 38'	Washed gravel, sand and minor clay.	
38' - 40'	Bedrock. Water table @ 23 ft.	

Sample Wt.		
Sample	lbs	Colours
34' - 36'	144	1 sm, 1 fine
36' - 38'	340	7 sm, 18 fine
38' - 40'	39	NIL

0' - 33'	Water washed gravel and sand.	Water table @ 23 ft.
33' - 36'	Bedrock.	

Sample	Sample Wt. lbs	Colours
28' - 30'	133	6 fine
30' - 32'	167	20 sm, 30 fine
32' - 34'	68	7 fine
34' - 36'	25	NIL

0' - 34'	Washed gravel and sand, some clay seams.
	Water table @ 21 ft.
34' - 35'	Hard bedrock.

Sample	Sample Wt. Ibs	Colours
28' - 30'	145	1 sm, 3 fine
30' - 32'	171	2 sm, 3 fine
32' - 34'	232	4 lg, 6 med, 10 sm,
		7 fine
34' - 35'	12	NIL

0' - 27'	Washed sand and gravel.	Water table @ 21	ft.
27' - 29'	Bedrock.		

Sample	Sample Wt. <u>Ibs</u>	Colours
19' - 21'	302	50 fine
21' - 23'	94	3 lg, 30 med, 15 fine
23' - 25'	184	<u>+</u> 125 fine
25' - 27'	92	<u>+</u> 68 mostly fine
27' - 29'	12	NIL

0' - 34'	Clean sand and gravel.	Water table @ 21 ft.
34' - 35'	Hard bedrock.	

Sample	Sample Wt. <u>Ibs</u>	Colours
28' - 30'	140	2 med, 3 sm, 2 fine
30' - 32'	266	6 med, 15 sm, 9 fine
32' - 34'	178	4 med, 20 sm, 15 fine
34' - 35'	14	NIL

DH-24

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0' - 33'	Washed sand and gravel.	Water @ 22 ft.
33' - 3 <i>5</i> '	Bedrock.	

Sample	Sample Wt. lbs	Colours
28' - 30'	242	6 sm, 26 fine
30' - 32'	162	3 sm, 9 fine
32' - 34'	50	7 sm, 5 fine
34' - 35'	14	NIL

0' - 32'	Wash sand and gravel, minor clay. 21 ft.	Water table @
32' - 35'	Bedrock.	

Sample	Sample Wt. Ibs	Colours
27' - 29'	220	4 sm, 9 fine
29' - 31'	311	l lg, 8 med, 9 sm, 5 fine
31' - 33'	51	4 med, 5 sm, 5 fine
33' - 35'	26	NIL

0' - 36' Washed gravels. Water table @ 22 ft. 36' - 39' Bedrock.

Sample	Sample Wt.	<u>Colours</u>
32' - 34'	197	3 fine
34' - 36'	205	1 lg, 12 med, 13 fine
36' - 39'	33	NIL

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DH-27

0' - 28'	Washed gravel.	Water table @ 20 ft.
28' - 29'	Bedrock.	

Sample	Sample Wt. <u>lbs</u>	Colours
23' - 25'	246	2 sm, 6 fine
25' - 27'	32	6 med, 7 sm, 3 fine
27' - 29'	65	NIL

0' - 34'	Washed gravel and sand.	Minor clay seams.
	Water table @ 21 feet.	
34' - 35'	Hard bedrock.	

Sample	Sample Wt. lbs	Colours
29' - 31'	131	1 lg, 4 med, 18 sm
		8 fine
31' - 33'	77	12 med, 7 sm, 5 fine
33' - 35'	47	4 med, 7 sm, 16 fine

0' - 34'	Clean gravel, minor clay.
34' - 36'	Bedrock.

Sample	Sample Wt. Ibs	Colours
26' - 28'	138	4 sm, 5 fine
28' - 30'	158	2 lg, 20 med, 8 sm,
		2 fine
30' - 32'	229	+75 mostly med & sm
32' - 34'	85	2 lg, 7 med, 16 sm,
		7 fine
34' - 36'	43	NIL

DH-30

0' - 28'	Water washed gravel and sand.	
	Water table @ 20 ft.	
28' - 29'	Hard bedrock.	

Sample	Sample Wt. lbs	Colours
21' - 23'	222	5 fine
23' - 25'	126	1 sm, 3 fine
25' - 27'	207	1 lg, 30 med, 30 fine
27' - 29'	14	NIL

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0' - 26'	Water washed gravel, minor clay and sand.
26' - 28'	Bedrock. Water @ 19 feet.

Sample	Sample Wt. Ibs	Colours
20' - 22'	138	1 lg, 2 med, 20 sm,
		7 fine
22' - 24'	288	<u>+</u> 10 mostly small
24' - 26'	128	<u>+</u> 50 small and fine
26' - 28'	20	l fine

DH-32

0' - 24'	Washed gravel and sand.	Water @	18 ft.
24' - 25'	Bedrock (hard)		

Sample	Sample Wt. <u>Ibs</u>	Colours
18' - 20'	187	5 fine
20' - 22'	207	3 sm, 5 fine
22' - 24'	132	<u>+</u> 75 mostly med and sm
24' - 25'	17	NIL

0' - 31'	Clean gravel and sand, some silt.
31' - 32'	Bedrock

Sample	Sample Wt. <u>lbs</u>	Colours
27' - 29'	81	2 med, 4 sm, 4 fine
29' - 31'	116	+ 39, 2 lg, 17 med 10 sm, 10 fine
31' - 32'	9	NIL

0' - 30'	Clean gravels, sand and silt.	Water @ 20 ft.
30' - 31'	Bedrock	

Sample	Sample Wt. <u>lbs</u>	Colours
26' - 28'	111	1 sm, 1 fine
28' - 30'	109	2 med, 1 sm, 4 fine
30' - 31'	10	NIL

DH-35

0' - 24'	Washed gravel and sand.	Water tables 19 ft.
24' - 26'	Bedrock.	

Sample	Sample Wt. lbs	Colours
19' - 21'	125	6 fine
21' - 23'	214	6 sm, 15 fine
23' - 25'	71	4 sm, 17 fine
25' - 26'	12	NIL

0' - 30'	Water washed gravel, sand and silt.	Water
	table @ 19 feet.	
30' - 31'	Bedrock (hard)	

Sample	Sample Wt.	Colours
21' - 23'	208	7 sm, 10 fine
23' - 25'	187	18 sm, 7 fine
25' - 27'	149	<u>+</u> 100, 5 lg, mostly med
27' - 29'	40	5 med, 1 sm, 2 fine
29' - 31'	62	3 med, 4 sm

0' - 20'	Water washed gravel and sand.	Water table @ 18 ft.
20' - 21'	Bedrock.	

Sample	Sample Wt. lbs	Colours
17' - 19'	66	4 fine
19' - 21'	91	5 sm, 4 fine

DH-38A

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0' - 26'	Water washed sand and gravel.	Water table @ 19 ft.
26' - 28'	Bedrock.	

Sample	Sample Wt. <u>Ibs</u>	Colours
22' - 24'	222	5 sm, 25 fine
24' - 26'	285	<u>+</u> 100, 6 med, 94 fine
26' - 28'	22	9 sm

DH-38B

0' - 28'	Water washed gravel, sand and clay seams.
28' - 30'	Bedrock. Water @ 19 feet.

Sample	Sample Wt. <u>lbs</u>	Colours
22' - 24'	100	3 fine
24' - 26'	165	1 m, 5 sm, 2 fine
26' - 28'	208	6m, 50 sm, 25 fine
28' - 30'	14	NIL

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0' - 32' Washed gravel and sand. Water table @ 22 ft. 32' - 33' Bedrock.

Sample	Sample Wt. <u>lbs</u>	Colours
26' - 28'	103	3 sm, 1 fine
28' - 30'	296	6 med, 8 sm, 31 fine
30' - 32'	72	2 med, 15 sm, 10 fine
32' - 33'	21	NIL

DH-40

0' - 34'	Water washed gravel, sand and silt.	Water table @ 20 ft.
34' - 36'	Bedrock.	

Sample	Sample Wt. lbs	Colours
24' - 26'	246	12 fine
26' - 28'	160	<u>+</u> 100, mostly sm & fine
28' - 30'	88	<u>+</u> 60, mostly sm & fine
30' - 32'	230	+100 med and fine
32' - 34'	214	+100 mostly sm and fine
34' - 36'	42	1 med, 1 sm, 1 fine

DH-41

0' - 34'

Washed gravel and sand. Water table @ 18 feet.

Sample	Sample Wt. lbs	Colours
18' - 20'	148	4 fine
20' - 22'	164	4 sm, 9 fine
22' - 24'	209	3 sm, 17 fine

Note:

Bedrock not reached.

0' - 29'	Washed gravel, sand and silt.	Water table @ 22 ft.
29' - 30'	Bedrock.	

Sample	Sample ₩t. lbs	Colours
21' - 23'	25	2 sm, 5 fine
23' - 25'	196	+100, mostly fine
25' - 27'	297	<u>+</u> 200, mostly sm and fine
27' - 29'	42	2 med, 2 sm, 7 fine
29' - 30'	27	3 sm, 2 fine

DH-43

0' - 40'

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Washed gravel and sand, minor clay. Water table @ 23 ft.

Sample	Sample Wt. lbs	Colours
32' - 34'	196	<u>+</u> 100 mostly fine
34' - 36'	312	<u>+</u> 100 mostly fine
36' - 38'	100	1 lg, 4m, 2 sm,
		6 fine
38' - 40'	285	1 lg, 5m, 15 sm, 5 fine

Note:

Hole appears to be almost on bedrock.

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0' - 25' Water washed gravel and sand. Water @ 19 ft. 25' - 26' Bedrock.

Sample	Sample Wt. <u>lbs</u>	Colours
19' - 21'	236	15 sm, 12 fine
21' - 23'	291	2 med, 5 sm, 5 fine
23' - 25'	90	4 med, 9 sm, 12 fine
2 <i>5</i> ' - 26'	11	NIL

0' - 25'	Washed gravel and sand.	Water table @ 18 ft.
25' – 27'	Bedrock.	

Sample	Sample Wt. lbs	Colours
20' - 22'	282	1 sm, 1 fine
22' - 24'	169	1 sm
24' - 25'	158	3 sm, 3 fine
25' - 27'	16	NIL

APPENDIX B

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1987 EXPENDITURES

ROBERTSON, WALLIS & ASSOCIATES. #708 - 1155 West Pender Street, Vancouver, B.C.

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EXPENDITURES ON THE KLONDIKE CITY PROJECT DAWSON CITY, YUKON TERRITORY

Robertson, Wallıs & Associates	\$19,921.00
T. Elliott 21 days @ \$150.00	3,150.00
Gas	125.04
Truck Rental	1,400.00
Expenses	454.24
Gillespie Equipment Rentals Limited	3,845.00
Midnight Sun Drilling Co. Ltd.	59,279.00
Total	\$88,174.28

CERTIFICATE OF QUALIFICATIONS

I, J.E. Wallis, of 708 - 1155 West Pender Street, British Columbia, do certify that:

- 1. I am a registered Professional Engineer in good standing in the Association of Professional Engineers of British Columbia.
- 2. I am a graduate of the Halleybury School of Mines 1958, the University of Alaska, B.Sc. 1965 and Queen's University, M.Sc. (Eng) 1967.
- 3. I have been practicing my profession for 28 years and as a Professional Engineer for the past 21 years.
- 4. I do not have nor have I ever had any interest direct, indirect or contingent, in the shares of Berglynn Resources Ltd. nor do I expect to receive any interest, either direct or indirect, in the properties or securities pertaining thereto.
- 5. I have personally visited the property reviewed in this report and am familiar with the district.
- 5. I hereby grant my permission for Berglynn Resources Ltd. to use this report for filing with the Vancouver Stock Exchange as partial requirement of a Statement of Material Facts or for any legal purposes normal to the business of Berglynn Resources Ltd.

Dated at Vancouver, British Columbia, this 17th day of February, 1988.

J.É. Wallis, P.Eng.

