'81-#5-#8873

ASSESSMENT REPORT
ON
GEOLOGICAL AND GEOCHEMICAL WORK
ON
THE FOLLOWING CLAIMS

BB- 1 Floss 1 to Floss 4 incl.
BB- 2 Edward II
BB- 5 Christien
BB- 6 Shirley
BB-11 Linda

LOCATED

20 AIR-KILOMETERS NORTHEAST OF
PORT COQUITLAM, B.C.
N.T.S. 92G17

NEW WESTMINSTER MINING DIVISION

FIELD WORK BETWEEN NOV. 13, 1980 AND JAN. 11, 1981

ON BEHALF OF

RODEO RESOURCES LTD.
SUITE 1004 - 595 HOWE STREET
VANCOUVER, B.C.

REPORT BY:

DR. W.D. GROVES, P. ENG.
ARCHAEAN RESOURCES CORP.
152 - 890 W. PENDER ST.
VANCOUVER, B.C.

DATE SUBMITTED:

JANUARY 29, 1981

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INTRODUCTION

a) Location, Access, Geography

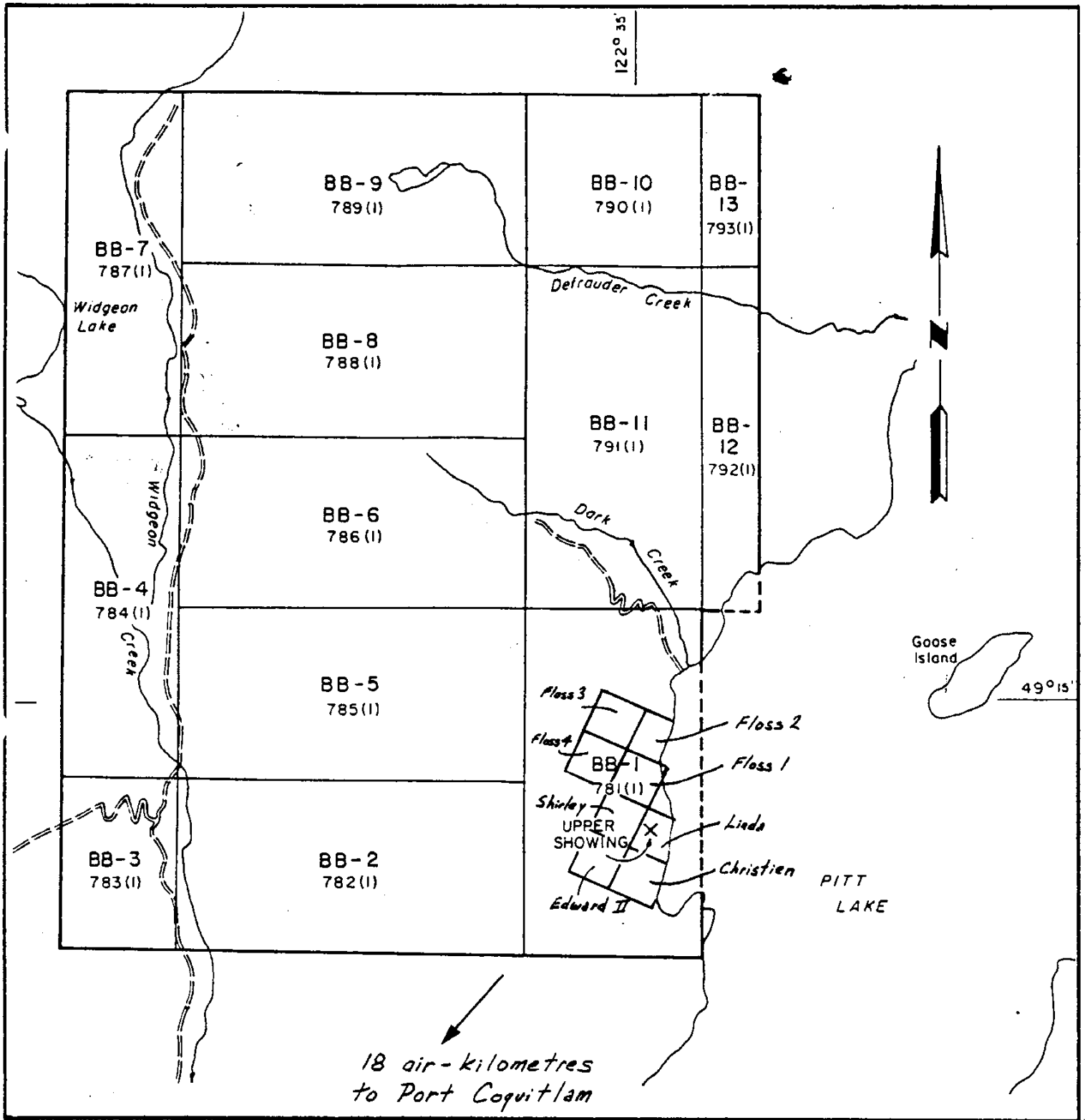
The BB group of modified grid claims and the 8 two-post claims (Floss 1-4, Shirley, Linda, Christien, and Edward) are located on the mountainous west side of Pitt Lake, B.C. approximately 4 km north of the boat launch at Grant Narrows (where the Pitt River drains the lake in the New Westminster Mining Division). The claims border the MAC-2 claims to the south, the Pit, Geo-1, Aura-1 claims to the north, and the MAC-5 and MAC-6 claims to the east. The west boundary on the west side of Widgeon Creek is open. The BB group and the 8 two-post claims north of Frenchman's Bay on the Pitt Lake side are currently under option to Rodeo Resources Ltd.

Access to the property is by skiff from the boat launch at Grant Narrows at the south end of the lake, or by water taxi up the Pitt River from the Pitt River Bridge. Access to the west side is by 4-WD up the logging road along Widgeon Creek. Nearest town is Haney, some 35 km east of Vancouver on Highway 7. A Bell 207 helicopter is stationed at Pitt Meadows 5 km west of Haney, conveniently close to the property.

The claims lie between lake elevation, a few meters above sea level (Pitt Lake is tidal), to 1500 m. elevation on the top of the steep north-south ridge between Pitt Lake and the Widgeon Creek Valley to the west.

The main showings on the property lie between lake elevation and 300 m. elevation on the east side of the claim block not far from Pitt lake.

The mountain rises steeply from the lake in a series of benches and small cliffs sculptured by glacial sheeting of massive granite through valley glaciation. Glaciation coincides with a massive north 15° west jointing in the granite, one of a set of roughly orthogonal joints. The hillside is covered with 1/2 m. diameter second growth fir cedar and hemlock timber. High rainfall makes the hillside



N.T.S. 92 G/7E

New Westminster Mining Division

Scale 1:50,000

Miles 1 .5 0 1 2 Miles

Metres 1000 500 0 1000 2000 3000 Metres

Kilometres 1 .5 0 1 2 3 Kilometres

FIG. 1

RODEO RESOURCES LTD.

LOCATION MAP

OF

BB CLAIMS

bushy, resulting in extremely treacherous walking. Upper slopes also have rockfalls of boulders and blocks which have ice-wedged from the higher cliffs. This area is overgrown with a tangle of second growth. Numerous small streams drain the hillside, many running mostly in rock giving good exposures. A skidder road switchbacks up from the lakeshore to a point 2/3 up the ridge line, providing fast access to higher levels. The road is now washed out and overgrown with alder; it would require bulldozing to rehabilitate it to a 4-WD road. There are several old short adits on the property, dating from the 1930's to 40's, and one old shaft, now blown out into an open cut.

There are small summer cottages dotted along the west shore of Pitt Lake. One of the cabins on Lot 6914 was rented for the duration of the fieldwork; it was a very convenient base camp, minimizing skiff rides up and down the lake which can be hazardous. Waves on the lake are reflected by the shore cliffs making the water dangerous in even slight weather. Lakewater is extremely cold since much of the feedwater water is glacial meltwater. The steepness and ruggedness of the country makes foot traversing a slow and laborious procedure, particularly when daylight hours are short in mid winter. Weather was exceedingly wet.

b) Status of Properties

This report covers the following claims:

Name	Record No.
BB-1	781
BB-2	782
BB-5	785
BB-6	786
BB-11	791
Floss 1 to Floss 4 (incl.)	443-446
Shirley	20111
Edward II	20112
Linda	19567
Christien	13236

The claims are within the New Westminster Mining Division. N.T.S. is 92G/7E.

It is the author's understanding that the claims are under option to Rodeo Resources Ltd., Suite 1004 - 595 Howe Street, Vancouver, British Columbia.

c) **History of Property**

Mr. E.A. Richardson of Pitt Meadows, B.C. and various partners have worked/held various claims in the area since 1934. The author had the opportunity of discussing the area with him and his son Mr. E.C. Richardson. The latter also accompanied the author and pointed out one of the showings (the one up the skidder road on the Floss 4 claim).

Most of the previous effort was centered on the southwest corner of the Linda claim, one of the four original claims covering the area of the main showings and workings on the Pitt Lake side of the property. These four claims - now the Christien, Linda, Edward and Shirley claims (2-post) - were reported in the 1947 B.C. Minister of Mines Report (p. 179) as the Standard group held by E.A. Richardson and associates of Pitt Meadows. At that time, the workings were centered in the southwest corner of the Linda claims, from 150 m. - 200 m. elevation above the lake astride a steep rocky hillside. A short cross cut and drift, a shallow shaft and several open cuts, exposing a narrow quartz vein 15 cm. in width, in a N 15° E steep joint and fault in the quartz diorite pluton, of 15 cm. in width, represent the workings.

In 1950, a 45 m. adit was driven just south of the shaft, intersecting the vein and main shear, then extended another 30 m. into barren diorite. In the last few years a winze was driven from the 33 m. point upward at 60° westward in a barren shear, and the shaft, which was close to the cliff face, was converted to an open cut by blowing its east side away. Vestiges of the galena-containing section of the vein, the first point of attraction on the original surface, are still in evidence.

Old assay certificates from reputable B.C. assay laboratories in Mr. Richardson's possession (shown to the author) give results of up to 5 oz/T of gold, 40 oz/T of silver and several % lead, reportedly from a small highgrade ore shoot in the

quartz vein in the shaft. (A remnant of this structure in the south wall of the open cut in the vein gave assays up to 1.327 oz/T Au and 8.32 oz/T Ag in the 1980 program sampling.)

Two small blast pits on the lakeshore, which were further blast-pitted this year, have explored another 5 cm. quartz vein in another north 15° west joint plane.

An old 15 m. tunnel driven west 30° north into a crossfault following a sheared amphibolite dyke in a joint plane, at the lakeshore on the southernmost unit of the BB-12 claim block, was driven by Jim Baily about 1934, according to Mr. E.A. Richardson. 1980 sampling by the author at the tunnel mouth gave negligible precious metal values.

An old blast trench at 300 m. elevation up alongside a skidder road on the Floss 4 claim, shown to the author by Mr. E.C. Richardson, also followed a 5 cm. wide quartz vein in a small amphibolite dyke in a north 15° west vein joint plane. The Richardsons had opened this vein in the 1950's.

d) Summary of Work Done

The 1980 program, as directed by the author, was as follows.

1. Primary work concerned a geological assessment of the "main showing" area on the Linda claim. Preliminary sampling was followed by a program of blast trenching to open up vein and associated structures. Thereafter the old shaft (now a blast face - the so-called "main showing"), the two tunnels, and vein and fault exposures were systematically sampled and mapped. An attempt was made to trace the mineralized structures along a north 15° west contour.

2. A similar assessment program was initiated over the "Lake showing" (see Figure 2 and 3): blast trenching, sampling and mapping.

3. A grid was laid out to cover the "main showing" and the "lake showing" areas. Lines were put in north-south along the steep hillsides. Soil samples were

taken every 25 meters by Mr. Terry MacKenzie and subsequently analyzed for their gold content in parts per billion. Some lines were tested for silver as well. Acme Analytical Laboratories, 852 E. Hastings, Vancouver, performed the analysis using an atomic absorption spectrometer.

4. Stream sediment geochemistry study, west side (Widgeon Creek side of property). Samples were taken from the small creeks draining westward off the ridge rising from the west shores of Pitt Lake and analyzed for gold, silver, molybdenum, cobalt and tungsten. Mr. James MacDonald took the samples.

5. Short traverses were made in order to study rock type and to find faults and mineralized joint planes in the diorite. Reconnaissance of skidder road area - search for old blast pits, mineralized zones.

6. Took diamond driller, Mr. Eugene Kennedy, into main showing area and set up potential drill-site to drill the main showing vein at shallow down dip extension if property lessor desired.

7. General geology - analysis of the reports of Roddick and Minister of Mines (1947, 1950); discussions with Mr. B. Langston, Messrs. E.A. and E.C. Richardson, who had worked the Standard and Floss groups of claims (now comprised by the eight two-post claims within the BB group of modified grid claims), concerning geological and historical background and location of old showings.

e) References

1. Vancouver North, Coquitlam and Pitt Lake Map Areas, British Columbia, G.S.C. Memoir 335, J.A. Roddick, 1963.

2. B.C. Minister of Mines Reports, 1947 and 1950.

3. J. Elwell, P.Eng., Engineering Report, Oct. 24, 1980 on BB Claims, Pitt Lake, B.C.

REGIONAL GEOLOGY

The claims are underlain by various facies of Coast Plutonic rocks - mostly Roddick's unit 4H, a hornblende diorite, with a very prominent massive suborthogonal joint set. Topography is moulded by the extreme recent southward glaciation down Pitt Lake Valley (once a fjord, now back filled with Fraser Valley sediments to 1/3 way up Pitt Lake). Block plucking and rounding of the jointed diorite has accentuated surface exposure of the jointing pattern, which shows up dominantly on lake shore cliffs as well as high south - facing cirques about Widgeon Creek on the west edge of the claim block. Except where cliffs preclude it, the whole region is heavily timbered. Large jumbles of blocks from cliffs have been formed by post glacial ice-wedging of the joints in the massive diorite. The N15°E and N20°W joints in particular, have been invaded by narrow amphibolite dykes which have been highly sheared, and/or narrow quartz veins.

PROPERTY GEOLOGY

Lithology - Lithology of the intrusive rocks constitutes varieties of hornblende diorite.

Structure - Main structure of interest is a N15°W/steep trending faulted joint set, injected by thin amphibolite dykes, sheared and injected by sulphides and/or thin mineralized quartz veins. The structure 'feathers' into subsidiary shears of epidote grade in the diorite.

Mineralization

Economic mineralization is vein quartz-pyrite carrying low gold values. Shoots in the veins of lower temperature galena-silver (which weather to a bluish black "ink") contain high gold values. The "main showing" consists of a small ore shoot of this galena-silver-gold mineralization in the quartz vein in the southwest corner of the

Linda Claim. It is quite rich, and was the initial main attraction of the property. Despite its narrowness, the structure (i.e. the joint set) is highly persistent along strike, so the possibility exists of other small ore shoots on the vein/fault/dyke in a N15°W line from the main showing. The 5 centimeter quartz vein and shear on the Floss #4 Claim looks like a strike extension of the Linda showing, though no galena was noted in it.

RESULTS OF GEOCHEMICAL PROGRAM

The main geochemical program consisted of setting up a 135 point grid in the main showing area in the southwest corner of the Linda claim. Soil samples from the 'B'-horizon (mineral soil) were collected and sent to Acme Assay Laboratories in Vancouver where the samples were analyzed for ppb Au (some lines were assayed for silver as well). Gold is anomalous at over 20 ppb. A strong anomaly was detected centered on the original shaft - main showing area, trailing downslope and slightly northward toward Pitt Lake. The silver geochemistry results were inconclusive. Geochemical results are plotted on Figure 4 (in pocket).

Of the 135 samples collected, 8 registered values in excess of 20 parts per billion. The highest value recorded, 2,000+ parts per billion, came from a sample point a few meters east of the small "North" adit. All of the anomalous vlues are related to the main showing area on line 1 + 80W. For the most part, the rest of the grid is uniformly devoid of gold goechemical values. Eighty-five percent of the samples collected returned values of only five parts per billion.

Stream sediment geochemistry was carried out on 10 side creek stream mouths draining the west side of the hogback into Widgeon Creek. Results were obtained for Au, Ag, Co, Mo and W. No anomalous values were obtained. Results are plotted on Figure 2 (in pocket).

RESULTS OF SAMPLING PROGRAM

Values and locations of samples taken after the completion of blast trenching on the Linda claim are noted on Fig. 3 (in pocket). The highest value obtained, from sample P-DC taken at the southern face of the main showing, ran 1.327 oz./ton in gold, 8.132 oz./ton in silver and 0.41% copper. This was a selected chip sample from a point in the quartz vein containing galena-bearing mineralization (distinguished by a bluish ink-like weathering).

Samples PL-1, PL-4 and PK-3 were the only other samples to register significant gold values. These were chip samples of the quartz vein taken at successive exposures north of the main showing. Values in gold were uniformly in the range of 0.2 oz./ton, while silver values ranged from 0.75 oz./ton to 2.14 oz./ton.

Samples taken from trenches in the "lake" showing area (S-1, N-1, N-2, N-3 and N-4) returned insignificant values in gold and silver - the only hint of mineralization came from sample N-1 which returned 0.62 oz./ton of silver.

INTERPRETATION OF RESULTS - RECOMMENDATIONS FOR FURTHER WORK

1. The results of the geochemical program on the Linda claim indicate that soil sampling is an effective method for delineating gold-bearing mineralized zones. Since it is now apparent that the highest gold values accompany galena-bearing mineralization, future soil samples should be analyzed for lead as well as gold. It is recommended that more soil sampling be undertaken along a line between the main showing and the "skidder road" showing; this would be roughly north 15° west from the main showing (coinciding with the apparent strike of the joint set). A simultaneous program of "mull" (tree needle mold) sampling for contained values in parts per billion gold is also warranted. Studies in the last few years have shown that mull or other forms of biogeochemical sampling can offer increased sensitivity and range in the detection of gold-bearing structures (fir trees accumulate precious metals absorbed in root solutions).

The silt sampling results from the streams draining west into Widgeon Creek were negative. Although this is not entirely conclusive of a lack of mineralization in the western portion of the BB group of claims, it is recommended that no further work beyond prospecting be undertaken there.

2. The blast trenching and consequent sampling program demonstrated that the quartz vein in the joint set in the diorite was the gold-bearing host. Moreover, the highest precious metal content was to be found in pockets in the quartz containing galena (marked by the presence of bluish, ink-like weathering). Pyrite-rich quartz alone does not carry values of over 0.2 oz./ton in gold.

With respect to future work on the property, it is now apparent that sheeting joints in the diorite invaded by narrow amphibolite dykes which sheared, then faulted, are structures likely to host mineralized zones of interest. Analysis of the exposures in the main showing area indicates two separate fault movements. The first fault line was silicified (the galena rich mineralization belongs to this time period). The second fault broke into a new shear and wandered in and out of the previous mineralization but in this case there was no silicification. The shear itself is barren except where veined.

A question of fundamental importance with respect to the economic merits of the property is whether or not a vertical control exists on the high-grade, galena rich mineralization in the quartz vein in the main showing area. To this end a diamond drill site has been located with a view to testing for down-dip occurrences of high-grade ore-shoots. A decision to drill or not to drill is left to the discretion of the operator.

Respectfully submitted

William E. Rowe

Jan 29/81

APPENDIX I

COST STATEMENT - GEOLOGICAL AND GEOCHEMICAL WORK

MAN-DAYS FIELD WORK (Nov. & Dec. dates are 1980, Jan. dates are 1981)

A.	Dr. W.D. Groves, P. Eng., Geological Engineer Geology and Supervision: Nov. 21, Nov. 22, Dec. 3, Dec. 20, Dec. 22, Dec. 23, Jan. 7, Jan. 11	8 days
B.	D. Cremonese, B.A.Sc., Assistant to Dr. Groves Property Examination: Nov. 13	1 day
	Assisting Dr. Groves, mapping, etc.: Nov. 22, Dec. 22, Dec. 23	3 days
C.	J. MacDonald, prospector Property Examination: Nov. 13	1 day
	Silt Sampling Widgeon Ck.: Nov. 17	1 day
D.	Eugene Kennedy, diamond driller Location of Drill Site: Dec. 13	1 day
E.	T. Mackenzie, Contractor, assessment work Geochem grid & 120 soil samples: Dec. 14 (½), 15, 16, 17, 18	4½ days
F.	Claude Charron, assistant Accompanying Dr. Groves: Jan. 7, 1981	1 day
G.	C. Richardson, son of original owner of claims Location of old showings: Jan. 11, 1981	1 day
H.	Sue Onlock, MacDonald's assistant Widgeon Creek silt sampling	1 day
		22½ man-days

MAN-DAYS OFFICE WORK (Report preparation, accounting, etc.)

Dr. W.D. Groves, P. Eng.	4 days
Dino Cremonese, B.A.Sc.	3 days

PERSONNEL COSTS

Dr. W.D. Groves, P. Eng.	
- 8 days field work @ $200/day	$1,600
- 4 days office work @ $200/day	800
Dino Cremonese, B.A.Sc.	
- 4 days field work @ $125/day	500
- 3 days office work @ $125/day	375
J. MacDonald	
- 2 days @ $125/day	250
E. Kennedy	
- 1 day @ $150/day	150
T. Mackenzie	
- 4½ days @ $150/day	675
C. Charron	
- 1 day @ $ 75/day	75
C. Richardson	
- 1 day @ $100/day	100
S. Onlock	
- 1 day @ $ 75/day	75
	$4,600

W.D.G

Carried forward from last page	$4,600.00
NOTE: The geological and geochemical work program was undertaken concurrent with a program of physical work. Supply and living expenses have been apportioned according to the percentage of field work man-days. The geological and geochemical program constitutes 47.2% of the entire assessment work program on this basis.	
Accommodation, Food, Expenses - 47.2% of $1,224.49	577.95
Water Taxi Charter - 47.2% of $580	273.76
Truck Rental - 47.2% of 12 days @ $30/day	169.90
Skiff Rental (used by engineering staff) - Flat Rate of $200	200.00
Helicopter Charter - Nov. 13, 1980	248.43
Field Equipment: 47.2% of $343.45	162.11
Assay Costs	
(1) 5 Au, Ag, Cu, Pb, Zn rock sample assays	139.75
(2) 13 Au, Ag, Cu "rush" rock sample assays	330.25
(3) 14 geochem Mo, Ag, Co, Au and W assays	114.10
(4) 75 geochem Au assays	266.25
(5) 59 geochem Au assays	297.95
Report typing - word processor: 4½ hrs. @ $25/hr.	112.50
Maps (claim, topographic, geological)	27.30
Couriers (Sample delivery)	40.00
Reproduction costs, blow-ups, copies of maps	128.89
TOTAL	$7,689.14

WJDG

APPENDIX II

Certificate

I, William D. Groves, do hereby certify that:

1. I, William D. Groves am a consulting engineer (geological) with an office at #152-890 W. Pender, Vancouver, B.C.

2. I am a graduate of the University of British Columbia (B.A.Sc. in Geological Engineering, 1960). I am a graduate of the University of Alberta, B.Sc. in Chemical Engineering in 1962, and of the University of British Columbia with a Ph.D. in Chemical Engineering in 1971.

3. I am a registered Professional Engineer in the Province of British Columbia.

4. I have practiced by profession since 1960.

5. I examined the Pitt Lake property on field visits Nov. 21, 22, Dec. 3, 20, 22, 23 in 1980 and Jan. 7, 11 in 1981 for geology, sampling, and supervision of blastpitting and geochemistry programs. In my estimation, Mr. T. MacKenzie and Mr. J. MacDonald were qualified to take geochemical samples, and my associate, Mr. Cremonese, was qualified to assist in the project geology and supervision.

6. I have no direct, indirect or contingent interest in the Pitt Lake property of Rodeo Resources Ltd., nor do I beneficially own, directly or indirectly, any securities of Rodeo Resources Ltd., nor do I intend to receive any such interest.

Respectfully submitted,

William D. Groves.

Dr. W.D. Groves, P. Eng.
January 29, 1981

APPENDIX III

Assay Certificates

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B. C. V6A 1R6
phone:253 - 3158

To: Rodeo Resources Ltd.,
c/o Dr. Groves
152 - 890 W. Pender,
Vancouver, B.C.

File No. 80-1567
Type of Samples Soil
Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Au
1 W 0+25 S	.005
0+50	.005
0+75	.005
1+00	.005
1+25	.045
1+50	.050
1+75	.015
2+00 S	.005
00 N	.005
0+25	.005
0+50	.005
0+75	.005
1+00	.005
1+25	.005
1 W 1+50 N	.005
1+50W 0+25 S	.005
0+50	.005
0+75	.010
1+00	.005
1+25	.085
1+50	.050
1+75	.005
2+00 S	.005
00 N	.005
0+25	.005
0+50	.005
0+75	.005
1+00	.005
1+25	.005
1+50W 1+50 N	.005
1+80W 00 S	.005
0+25	.005
0+50	.005
0+75	.005
1+00	.010
1+25	+2.000
1+50	.085
1+75	.005
1+80W 2+00 S	.005

1980
LINDA CLAIM
GRID SAMPLES
W.P.G.

All reports are the confidencial property of clients
All results are in PPM.

DIGESTION:

DETERMINATION:

DATE SAMPLES RECEIVED Dec. 19, 1980

DATE REPORTS MAILED Dec. 24, 1980

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B. C. V6A 1R6
phone:253 - 3158

To: Rodeo Resources Ltd.,

File No. 80-1567
Type of Samples Soil
Disposition

GEOCHEMICAL ASSAY CERTIFICATE

2

SAMPLE No.		Au	
1+80W	0+25 N	.005	1
	0+50	.005	2
	0+75	.005	3
	1+00	.005	4
	1+25	.005	5
1+80W	1+50 N	.005	6
			7
2+50W	00 S	.010	8
	0+25	.010	9
	0+50	.005	10
	0+75	.005	11
	1+00	.005	12
	1+25	.005	13
	1+50	.015	14
	1+75	.005	15
2+50W	2+00 S	.005	16
			17
2+50W	0+25 N	.005	18
	0+50	.005	19
	0+75	.005	20
	1+00	.005	21
	1+25	.005	22
2+50W	1+50 N	.005	23
			24
3+50W	00 S	.005	25
	0+25	.005	26
	0+50	.005	27
	0+75	.005	28
	1+00	.005	29
	1+25	.005	30
	1+50	.005	31
	1+75	.005	32
	2+00 S	.005	33
	0+25 N	.005	34
	0+50	.005	35
	0+75	.005	36
	1+00	.005	37
	1+25	.005	38
3+50W	1+50 N	.005	39
			40

All reports are the confidencial property of clients
All results are in PPM.

DIGESTION:

DETERMINATION:

DATE SAMPLES RECEIVED Dec. 19, 1980

DATE REPORTS MAILED Dec. 24, 1980

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
phone:253 - 3158

To: Rodeo Res.,
c/o Dr. Groves,
152 - 890 W. Pender St.,
Vancouver, B.C.

File No. 80-1589
Type of Samples Soil
Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.	Ag	Au	
00 W 0+25 S	.5	.005	1
50	.3	.005	2
75	.5	.015	3
1+00	.3	.010	4
25	.4	.005	5
50	.2	.005	6
75	.1	.005	7
00 W 2+00 S	.1	.005	8
			9
00 W 00 N	.3	.005	10
0+25	.1	.005	11
50	.1	.005	12
75	.1	.005	13
1+00	.3	.005	14
25	.4	.005	15
00 W 1+50 N	.5	.005	16
			17
0+50 E 0+00 S	.1	.005	18
+25 S	.2	.005	19
50	.3	.005	20
75	.4	.005	21
1+00	.1	.015	22
25	.1	.010	23
50	.5	.005	24
75	.3	.005	25
2+00 S	.4	.005	26
0+50 E 0+25 N	.3	.005	27
50	.4	.005	28
75	.2	.005	29
1+00	.1	.005	30
25	.4	.005	31
0+50 E 1+00 N	.5	.005	32
			33
0+50 W 0+25 S	.1	.005	34
0+50	.5	.005	35
0+75	.6	.015	36
1+00	.1	.020	37
1+25	.3	.045	38
1+50	.5	.005	39
0+50 W 1+75 S	.4	.005	40

All reports are the confidencial property of clients
All results are in PPM.

DIGESTION:

DETERMINATION:

DATE SAMPLES RECEIVED Dec. 29, 1980

DATE REPORTS MAILED Jan. 5, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B. C. V6A 1R6
phone:253 - 3158

To: Rodeo Res.

File No. 80-1589

Type of Samples _____

Disposition _____

GEOCHEMICAL ASSAY CERTIFICATE

2 SAMPLE No.	Ag	Au	
0+50 W 2+00 S	.2	.005	1
			2
0+00 N	.1	.005	3
25	.4	.005	4
50	.4	.005	5
75	.4	.005	6
1+00	.3	.005	7
0+50 W 1+25 N	.4	.005	8
			9
2+90 W 0+25 S	.1	.005	10
50	.1	.005	11
75	.1	.005	12
1+00	.1	.005	13
25	.2	.005	14
50	.3	.005	15
75	.1	.005	16
2+00 S	.3	.005	17
			18
0+00 N	.1	.005	19
25	.4	.005	20
50	.2	.005	21
75	.2	.005	22
1+00	.5	.010	23
25	.2	.005	24
2+90 W 1+50 N	.3	.005	25
			26
			27
			28
			29
			30
			31
			32
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			34
			35
			36
			37
			38
			39
			40

All reports are the confidencial property of clients
All results are in PPM.

DIGESTION:.....

DETERMINATION:.....

DATE SAMPLES RECEIVED Dec. 29, 1980

DATE REPORTS MAILED Jan. 5, 1981

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
phone:253 - 3158

To: Archaean Res.,
152 - 890 W. Pender St.,
Vancouver, B.C.

File No. 80-1533
Type of Samples Soil & Rock
Disposition

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE No.		Mo	Ag	Co	Au	W							
1 W		1	.5	5	.005	1							1
1W A	R	1	.1	5	.005	1							2
2		1	.2	5	.005	1							3
3		1	.2	6	.005	1							4
4		4	.2	6	.005	1							5
5		3	.2	6	.005	1							6
6		2	.2	6	.005	1							7
7		4	.2	10	.005	1							8
8		2	.2	9	.005	1							9
9		2	.3	12	.005	1							10
10		2	.1	9	.005	1							11
11		3	.2	10	.005	1							12
12		3	.3	8	.005	1							13
13		2	.2	9	.005	1							14
													15
													16
													17
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													37
													38
													39
													40

1980 WIDGEON CREEK SAMPLES
W.D.G.

All reports are the confidencial property of clients
All results are in PPM.

DIGESTION:

DETERMINATION:

DATE SAMPLES RECEIVED Dec. 4, 1980

DATE REPORTS MAILED Dec.11, 1980

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

General Testing Laboratories
A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2
PHONE (604) 254-1647 TELEX 04-507514 CABLE: SUPERVISE

TO:
ARCHAEAN RESOURCES CORP.
#152 - 890 West Pender Street
Vancouver, B.C. Canada
V6G 1J9

CERTIFICATE OF ASSAY

No.: 8012-2956 | DATE: Jan. 13/81

We hereby certify that the following are the results of assays on: Submitted Ore Samples

MARKED	GOLD oz/st	SILVER oz/st	Cu %
L.S. # 1	0.010	0.19	0.33
L.S. # 2	0.002	trace	0.16
P-DC	1.327	8.32	0.41
PK-1	0.002	0.02	0.01
PK-2	0.066	trace	0.01
PK-3	0.206	2.14	0.16
PL-1	0.202	0.75	0.33
PL-2	0.004	trace	0.04
PL-3	0.022	trace	0.02
PL-4	0.194	1.04	0.03
PL-5	0.002	trace	0.02
PR-1	0.002	trace	0.02
PR-2	0.016	0.07	0.03

1980 BLAST TRENCH SAMPLE ASSAYS.
SEE FIG-3. WDH.

REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

L. Wong
PROVINCIAL ASSAYER

General Testing Laboratories
A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2
PHONE (604) 254-1647 TELEX 04-507514 CABLE: SUPERVISE

TO:
RODEO RESOURCES
c/o Dr. Groves
#152 - 890 West Pender Street
Vancouver, B.C. Canada

CERTIFICATE OF ASSAY

No.: 8101-0950 | DATE: Jan. 13/81

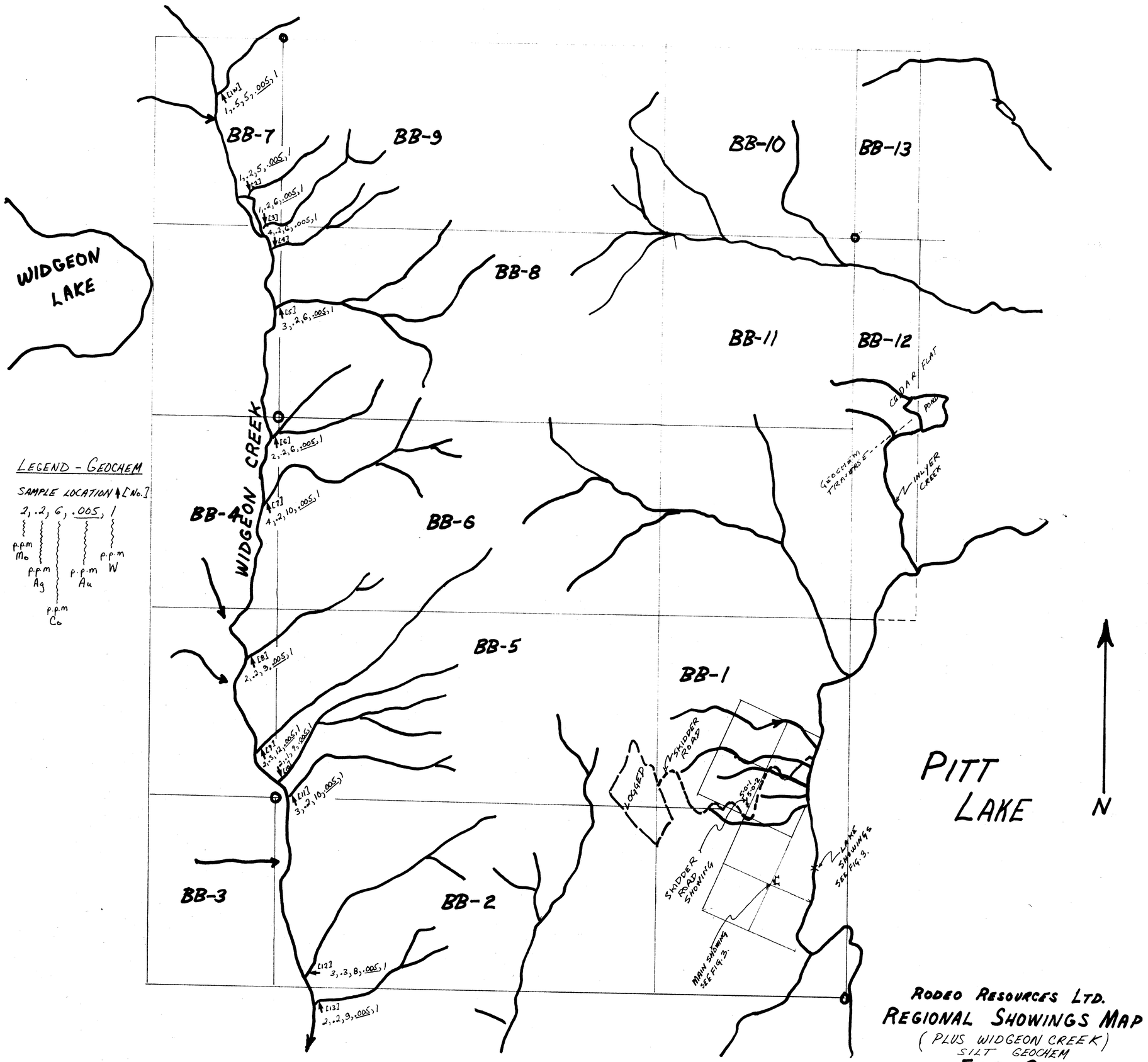
We hereby certify that the following are the results of assays on: Submitted Ore Samples

MARKED	GOLD oz/st	SILVER oz/st
N - 1	0.002	0.62
N - 2	0.014	trace
N - 3	0.002	trace
N - 4	0.002	trace
S - 1	0.002	trace
L Adit	0.002	trace
. 8101-1251		
50-1 - Vein & Ass.	0.076	trace
50-2 - 972 Vein	0.062	trace

SAMPLE

△ REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

L. Wong
PROVINCIAL ASSAYER



RODEO RESOURCES LTD.
REGIONAL SHOWINGS MAP
(PLUS WIDGEON CREEK) SILT GEOCHEM
FIG. 2

By W.D. GROVES, P.Eng.
January, 1981
W.P.G.

EDWARD CLAIM

SHIRLEY CLAIM

OLD POST.

CHRISTIEN CLAIM.

LINDA CLAIM

K CLAIM LINE

50° slope

50° slope.

"long tunnel". 300ft. below main showing.

10 cm mineralized quartz vein in fault.

main showing vein in fault.

old shaft: (now caved)

10 cm vein in fault.

wall blown out

"short tunnel"

152 m contour

slot in rock

strong jointing in quartz monzonite

contour

jointed quartz monzonite

base of low cliff

talus slide

quartz vein

drift slide rock.

base of low cliff

creek

Draft slope Big Second Growth

Draft slope Big Second Growth.

1930 GEOCHEM BASELINE

2+00S 1+75S 1+50S 1+25S 1+00S 00+75S 00+50S 00+25S 00+25N 00+50N 00+75N 1+00N 1+25N 1+50N

1980 GEOCHEM BASELINE

Swampy slope

low shore cliff

creek

summer cottages.

N-4 from 4 little shears

cliff

small bay (blast trenches highly visible from Lake)

POINT

PITT LAKE (TIDAL)

SAMPLE VALUES

	Au oz/ton	Ag oz/ton	Cu (%)
PL-1	0.202	0.75	0.33
PL-2	0.004	trace	0.04
PL-3	0.022	trace	0.02
PL-4	0.194	1.04	0.03
PL-5	0.002	trace	0.02
PK-1	0.002	0.02	0.01
PK-2	0.066	trace	0.01
PK-3	0.206	2.14	0.16
N-1	0.002	0.62	
N-2	0.014	trace	
N-3	0.002	trace	
N-4	0.002	trace	
S-1	0.002	trace	
P-DC	1.327	8.32	0.41

TRUE NORTH

LEGEND. ASSAY POINT

2m - ASSAY TRAVERSE 2 m WIDTH.

1980 BLAST PIT.

SCALE 1:1000

0m 25m 50m 75m 100m 125m

RODEO RESOURCES

GEOLOGY, SHOWINGS AND PHYSICAL WORK MAP

FIG. 3

by W.D. GROVES, P.Eng.

Jan. 1981 W.D.G

	3+50W	2+90W	2+50W	1+80W	1+50W	1+00W	00+50W	00 W	00+50E
100+50N	5	5 (0.3)	5	5	5	5		5 (0.5)	5 (0.5)
100+25N	5	5 (0.2)	5	5	5	5	5 (0.4)	5 (0.4)	5 (0.4)
100+00N	5	10 (0.5)	5	5	5	5	5 (0.3)	5 (0.3)	5 (0.1)
00+75N	5	5 (0.2)	5	5	5	5	5 (0.4)	5 (0.1)	5 (0.2)
00+50N	5	5 (0.2)	5	5	5	5	5 (0.4)	5 (0.1)	5 (0.4)
00+25N	5	5 (0.4)	5	5	5	5	5 (0.4)	5 (0.1)	5 (0.3)
00N	5	5 (0.1)	10	5	5	5	5 (0.1)	5 (0.3)	5 (0.1)
00+25S	5	5 (0.1)	10	5	5	5	5 (0.1)	5 (0.5)	5 (0.2)
00+50S	5	5 (0.1)	5	5	5	5	5 (0.5)	5 (0.3)	5 (0.3)
00+75S	5	5 (0.1)	5	5	10	5	15 (0.6)	15 (0.5)	5 (0.4)
100+00S	5	5 (0.1)	5	10	5	5	20 (0.1)	10 (0.3)	15 (0.1)
100+25S	5	5 (0.2)	5	2,000+	85	45	45 (0.3)	5 (0.4)	10 (0.1)
100+50S	5	5 (0.3)	15	85	50	50	5 (0.5)	5 (0.2)	5 (0.5)
100+75S	5	5 (0.1)	5	5	5	15	5 (0.4)	5 (0.1)	5 (0.3)
200+00S	5	5 (0.3)	5	5	5	5	5 (0.2)	5 (0.1)	5 (0.4)

N

Lower Showings Area

PITT LAKE

15 N Adit 50 2,000+ 85 45 100

Main Showing Area 15

ADIT

SHIRLEY CLAIM

Approx. LOCATION

EDWARD CLAIM

LINDA CLAIM

CHRISTIEN CLAIM

NOTES :

10 (0.3) — ppm Silver, ppb Gold

Sample Location Point

0 25m 50m 75m 100m 150m.

SCALE : approx. 1 : 1,000

RODEO RESOURCES LTD.

GEOCHEMICAL PLAN MAP

FIG. 4

by W. D. Groves, P. Eng.

Jan, 1981 WDG

Analysis: Acme Analytical Lab. (Vancouver)