NEVIN | SADLIER-BROWN | GOODBRAND | LTD

Suite 401 - 134 Abbott St., Vancouver, B.C. Canada V6B 2K4 (604) 683-8271

MEYER PROPERTIES INC.

A Geological Report on the Evaluation of the Steep Creek Placer Property Mayo Mining District, Yukon Territory

Creek Claim Discovery	41554
No. 1	P2132
No. 2	P2133
No. 3	P2134
No. 4	P2135
No. 5	P2136
No. 6	P2137
No. 7	P2138
No. 1 (below)	P5601
No. 2 (below)	P5602

NTS Location: 105 M/10
63° 42'N
134° 58'W

Work Dates: May 28 - August 20, 1982

Prepared by

Dwayne L. Melrose, B.Sc.

October 7, 1982

SUMMARY

Nevin Sadlier-Brown Goodbrand Ltd. has carried out an evaluation program on behalf of Meyer Properties Inc., on their Steep Creek Placer Property located in the Mayo Lake area of the Mayo Mining District, Yukon Territory. Results of the testing do not indicate significant yardage of economic value. No further work or testing is recommended.

1.0 INTRODUCTION

1.1 Terms of Reference

Nevin Sadlier-Brown Goodbrand Ltd. was retained by Meyer Properties Inc., as its technical consultants to carry out a placer evaluation program on the Steep Creek Placer claims. The work was done in accordance with recommendations contained in a report by T.L. Sadlier-Brown dated December 3, 1981 and based upon a preliminary sampling program carried out during the course of a visit in October, 1981.

The sampling program under discussion was carried out between May 28th and August 20th 1982 under the supervision of the author.

1.2 Claims and Ownership

The Steep Creek Placer property is comprised of 1 Creek Discovery Claim, 7 Creek Claims and 2 Below Creek Claims (Figure No. 2). The claim names and record numers are as follows:

Creek Claim Discovery	41554
No. 1	P2132
No. 2	P2133
No. 3	P2134
No. 4	P2135
No. 5	P2136
No. 6	P2137
No. 7	P2138
No. 1 (below)	P5601
No. 2 (below)	P5602

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1.3 Location and Access

The Steep Creek Placer property is situated on the west shore of the Nelson Arm of Mayo Lake in the Mayo Mining District, Yukon Territory (Figure No. 1) at 63° 42'N latitude and 134° 58'W longitude on NTS map sheet 105 M/10.

Access from the community of Mayo is by gravel road about 50 kilometres northeasterly to the west end of Mayo Lake and then by boat 24 kilometres southeasterly to the property. Mayo is 320 kilometres north of Whitehorse and is accessible via an all-weather gravel road or by air.

1.4 Physiography and Vegetation

Steep Creek lies within the Yukon Plateau physiographic province, a terraine characterized by well developed, flat-bottomed, interlocking valleys, numerous small isolated mountain groups, and areas of well dissected upland. Elevations in the vicinity of Steep Creek range from 2200 feet at Mayo Lake to as high as 5200 feet. Overburden on the slopes generally consists of a mixture of colluvial and glacial gravels. Larger creek valleys, such as those of Anderson and Steep Creek contain a large component of locally derived alluvial gravels.

The slopes in the area of Steep Creek are forested with conifers--northern black spruce with local stands of pine--and a variety of deciduous brushes, grasses and moss. These plants grow well in areas underlain by permafrost which covers most of the property.

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1.5 Previous Work

The auriferous gravels of Steep Creek have been mined or tested intermittently since the early 1900's. Old work sites such as sluice boxes, shafts, drifts, tailings piles and water troughs can be seen on the property.

2.0 GEOLOGY

2.1 Regional Geology

The Mayo Lake area is mostly comprised of rocks from the Yukon Group which is thought to be of Pre-cambrian age. Throughout the greater part of the area the rocks are dominantly metamorphosed sediments, mainly mica schists, quartz mica schists, schistose quartzites, and occasional beds of crystalline limestone.

The rocks of the Mayo Lake area are generally complex in structure and are part of the Selwyn Fold Belt.

The Mayo District on the whole has been intensely glaciated resulting in production of abundant glacial deposit moraines, eskers and tills, and valley walls which are smoothed, planated and steepened giving the valleys the typical U-shaped cross-sections.

2.2 Property Geology

The Steep Creek Placer property is underlain by a sequence of proterozoic schists and quartzites. They strike between 80° and 115°, dip steeply (65° to 85°) towards the south, and are locally cut by numerous barren quartz veins. The schists are mineralized with lenses or stringers of pyrite which tend to occur on planes of

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schistosity and jointing or more commonly as euhedral crystals within the rock itself.

Outcrops are fairly abundant on ridges, steep slopes, and in the creek where mining of the gravels have taken place.

2.3 Steep Creek Gravel Deposit

The Steep Creek gravel deposit is comprised of mainly alluvial gravels with local occurrences of colluvial and glacial gravels. The glacial gravels are confined to a lateral morraine trending along the valley at about 020° in the area between lines 1+40N and 0+80N. Colluvial gravels occur on the banks of Steep Creek where they occasionally overlie alluvial material in the creek bed. The gravel deposit has formed an alluvial fan that is 540 metres in width at its widest point and extends 290 metres out into Mayo Lake from the projected shoreline.

The alluvial gravel is comprised of 90% phyllite, schist and quartzite that are locally derived from the Yukon Group rocks that occur on the property. The shape of the fragments range from angular to sub-rounded. The remaining 10% is comprised of rounded to sub-rounded glacially transported material. The alluvial gravel has been broken into size fractions and are listed below:

Size Fraction	Amount
+6"	5 to 25%
+2"	15 to 40%
+¼"	20 to 60%
fines (-¼")	5 to 25%

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The depth of the gravels vary from approximately 3-4 metres near the mouth of Steep Creek Valley to an estimated 60 to 100 metres near the shore of Mayo Lake.

3.0 TECHNICAL DATA

3.1 Purpose of Testing

Testing on the Steep Creek Placer property was intended to determine the spacial distribution of any gold bearing gravels and to delineate and provide a detailed evaluation of the grade and quantity of gravel available for mining.

3.2 Sampling and Testing Procedure

A total of 119 samples were taken from 44 locations. Samples were either dug from bank gravels or from test pits excavated by a track-mounted backhoe. A D-9 Cat bulldozer was used to backfill all the test pits and the 2 major trenches.

Sample intervals were determined by the author in the field and were based on deposition intervals of the gravel. For example the contact between the cobble and boulder gravel would be the cut off point for 2 different sampling regimes. Samples taken by the backhoe (usually consisting of 0.73 yds^3) were transported by the backhoe to the sluicing box. The gravel was washed from the bucket of the hoe into a dump box over a +2" grizzly. The -2" gravel flowed into the 16'x12" sluice box. The sluice concentrate was then panned down and the coarse gold removed and weighed. The remaining concentrate was sent to the Nevin Sadlier-Brown Goodbrand Ltd. warehouse in North Vancouver, B.C. where further reduction was carried out using a small sluicing system.

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All visible gold was extracted and weighed and the residual concentrate was sent to Chemex Laboratories Ltd. in North Vancouver, B.C. for fire assay. Results of the treated samples are given in Table 1.

3.3 Discussion of Results

Using a gold price of $375 U.S. per ounce and a fineness of 920 for the alluvial gold, Table 1 shows the values range from as low as $0.01/yd^3 to as high as $5.89/yd^3. Sample locations and sample values with footage are plotted on Drawings 3, 4 and 5.

During the testing program the tailings from the sluice box and panning were regularly checked by re-panning which confirm that no significant values were being missed.

The only area of anomalous gold values is Zone A. This zone is approximately 60 metres in length and 20 metres in width with an average of $1.99 U.S./yd^3 between holes 38 and 39 over an average depth of 10.5 metres. Sample Pit 19 ran $4.40 U.S./yd^3 over 2.2 metres in depth but does not appear to have significant lateral extent.

4.0 CONCLUSIONS

Although gravel reserves are substantial (several million cubic yards) on the Steep Creek Placer property, testing did not identify sufficient values to justify a mining operation. There may possibly be higher values found on bedrock but overburden in the lower part of the alluvial fan precludes economic extraction.

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5.0 RECOMMENDATIONS

On the basis of the results of the testing program we do not recommend further testing or developmental work on the Steep Creek Placer property.

Respectfully submitted,

NEVIN SADLIER-BROWN GOODBRAND LTD.

Dwayne L. Melrose

Dwayne L. Melrose, B.Sc.

October 7, 1982

6.0 REFERENCES

Bostock, H.S., 1957; Yukon Territory, Selected Field Reports of the Geological Survey of Canada 1898 to 1933, Memoir 284.

Gabrielse, H., et.al., 1977; MacMillan River, Yukon Territory, Map 1398A, Geological Survey of Canada.

Sadlier-Brown, T.L., 1981; Report on an Examination of The Steep Creek Placer Deposit, Mayo Mining District, Yukon Territory, unpublished.

Wells, J.H., 1973; Placer Examination - Principles and Practice, Technical Bulletin 4, U.S. Department of the Interior, Bureau of Land Management.

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STEEP CREEK PLACER DEPOSIT LOCATION MAP

MAYO M.D., Y.T. NTS MAP 105 M

FIGURE 1

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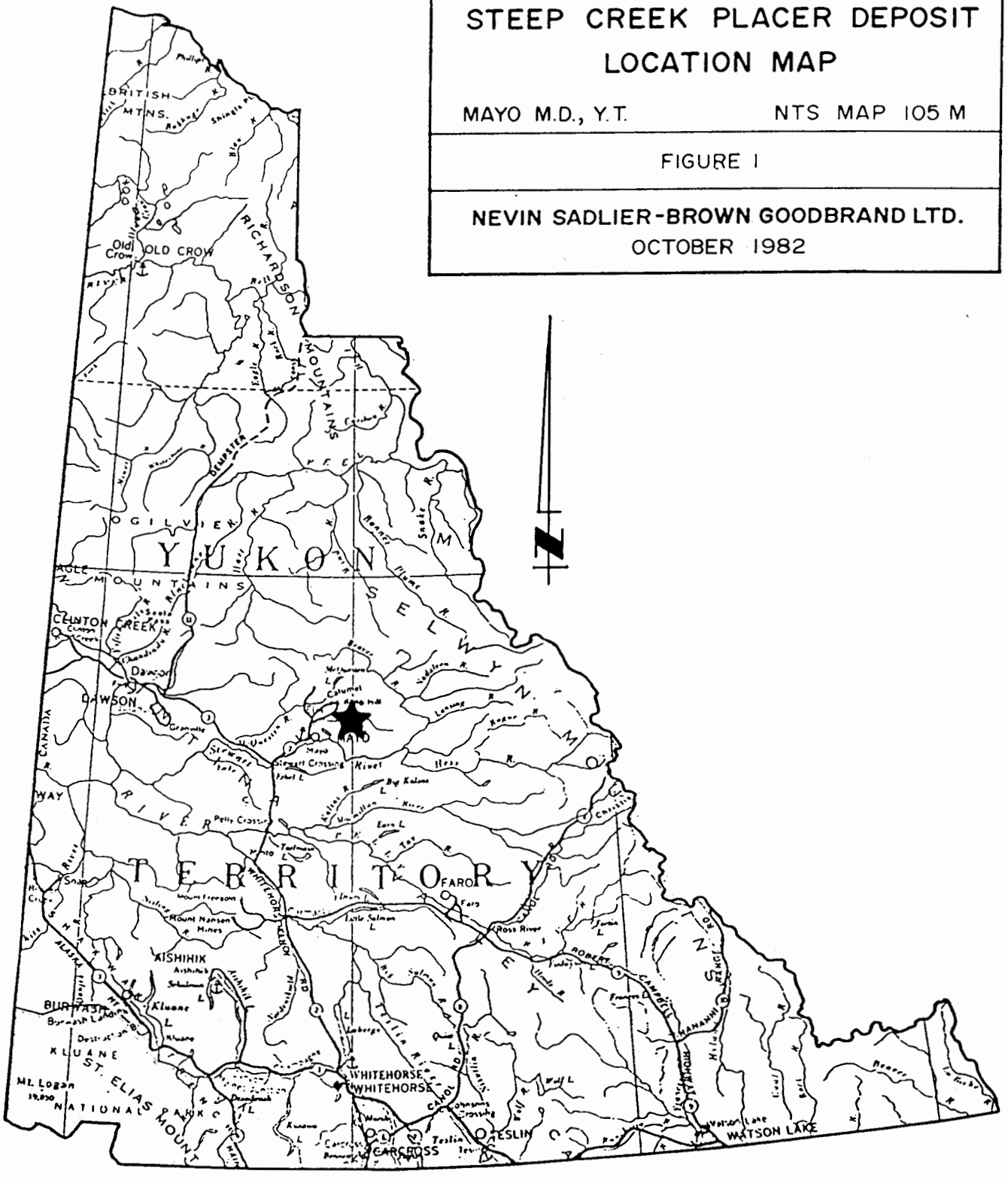
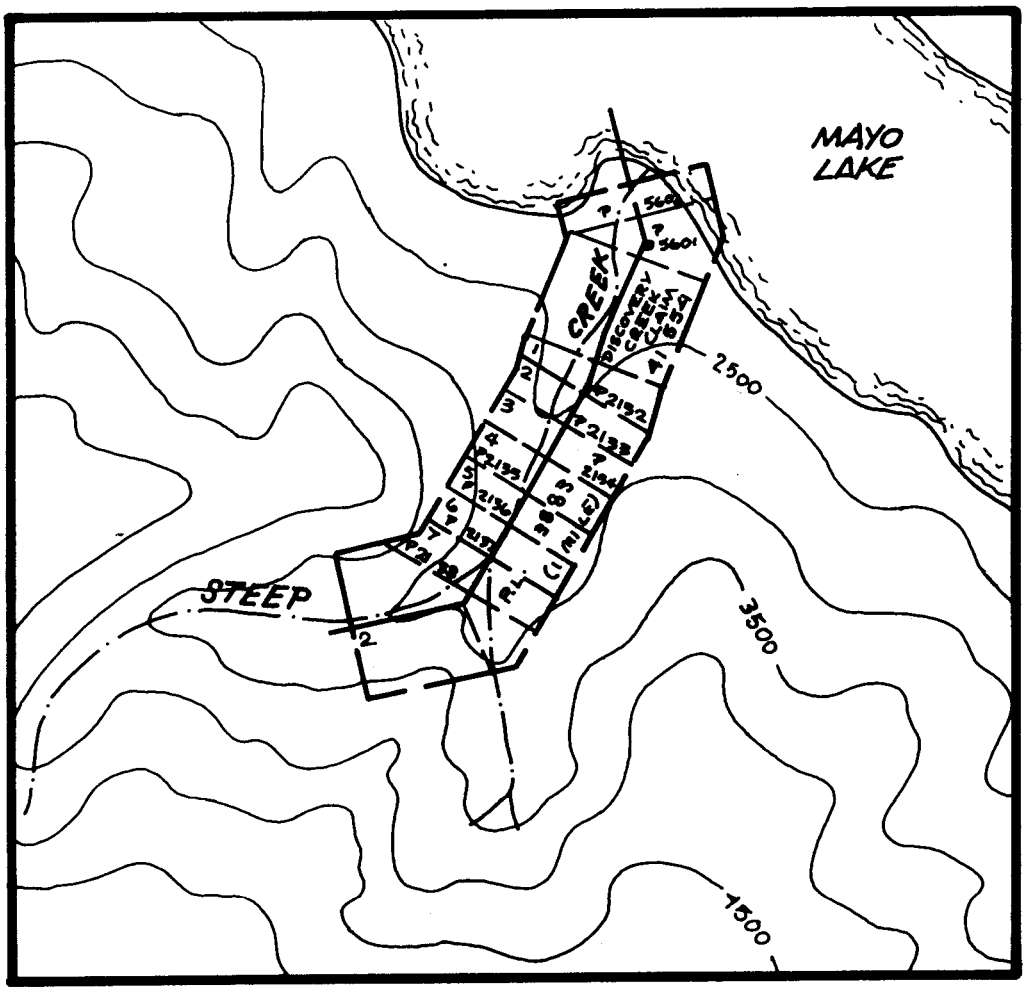


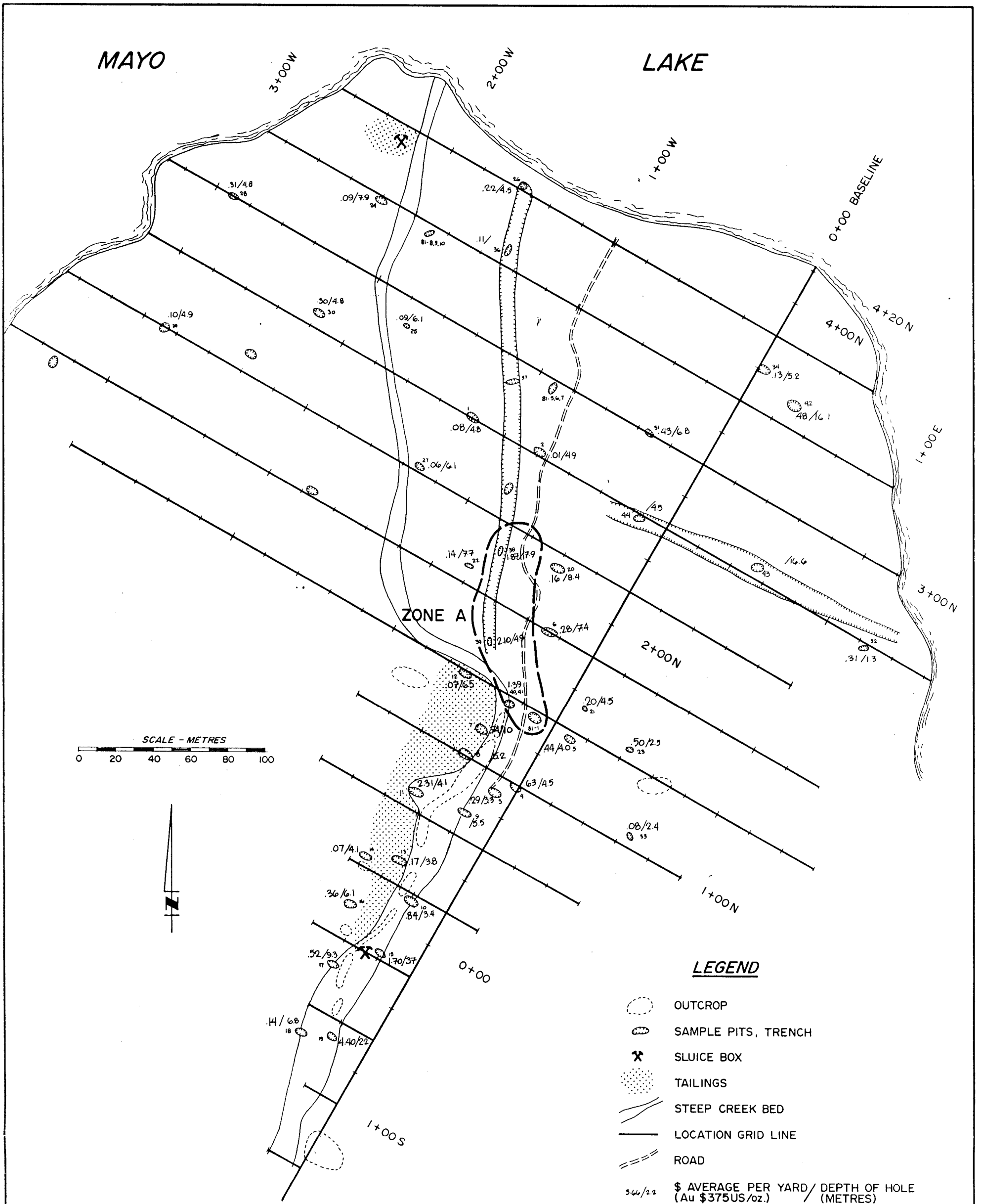


SCALE : FEET

0 1500 3000 4500 6000

N

MEYER PROPERTIES, INC.	
STEEP CREEK CLAIM MAP	
MAYO M.D., Y.T.	NTS MAP 105M/10
FIGURE 2	SCALE 1" : 1/2 mile
NEVIN SADLIER-BROWN GOODBRAND LTD. OCTOBER 1982	



LEGEND

- OUTCROP
- SAMPLE PITS, TRENCH
- SLUICE BOX
- TAILINGS
- STEEP CREEK BED
- LOCATION GRID LINE
- ROAD
- 3.44/2.2 — $ AVERAGE PER YARD / DEPTH OF HOLE (Au $375US/oz.) (METRES)

This is to accompany a report entitled "A REPORT ON THE EVALUATION OF THE STEEP CREEK PLACER PROPERTY", dated October 7, 1982, by Dwayne Melrose, B.Sc. Geol.

Dwayne L. Melrose

MEYER PROPERTIES, INC.

STEEP CREEK
SAMPLE PIT LOCATIONS & GOLD ASSAY VALUES

MAYO M.D., Y.T. NTS MAP 105 M/10

FIGURE 3 | SCALE 1:2000

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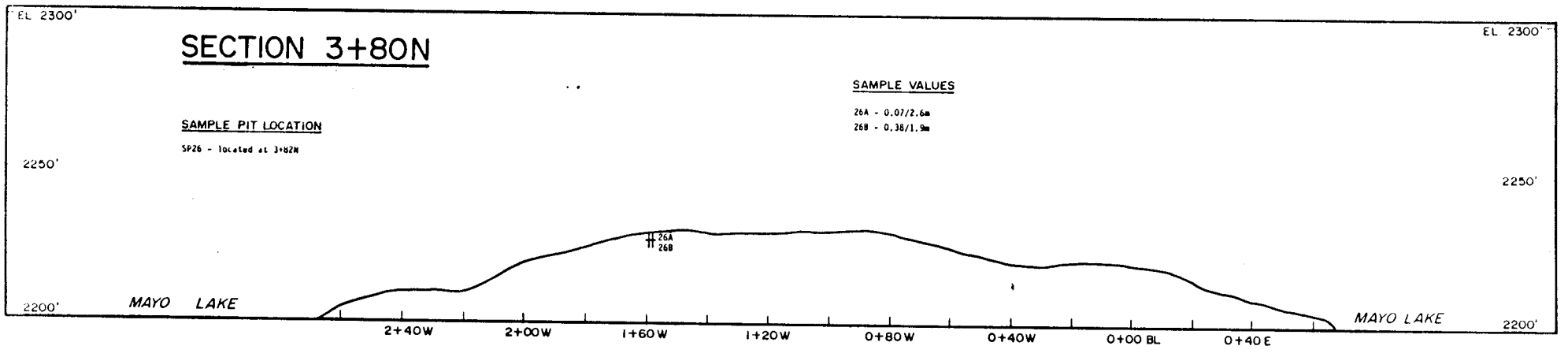
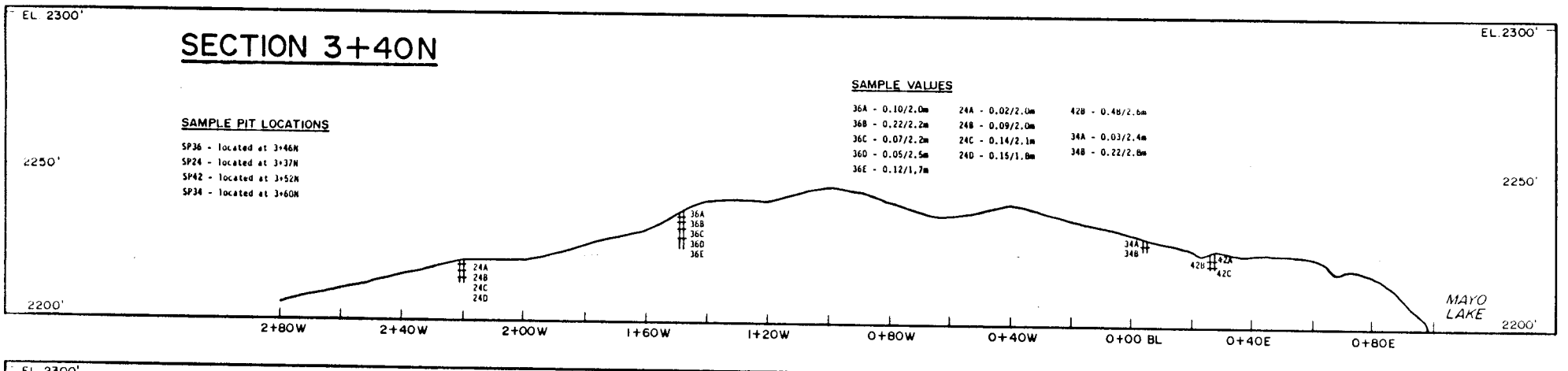
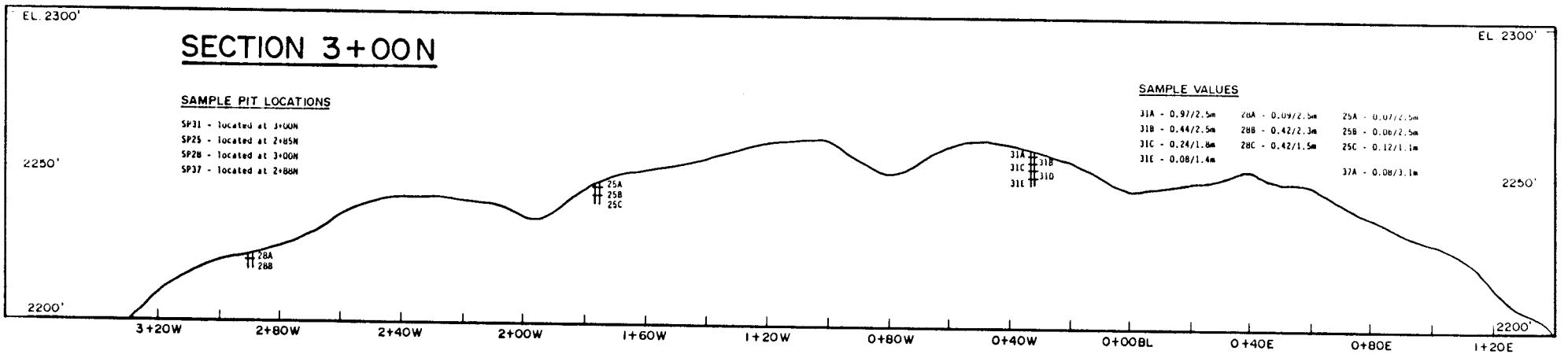
SECTION 3+80N



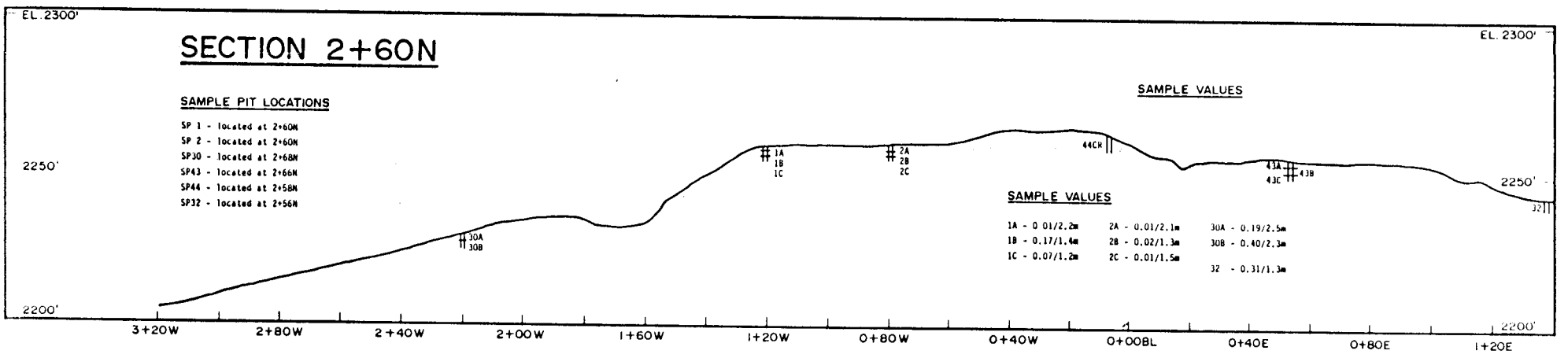
SECTION 3+40N



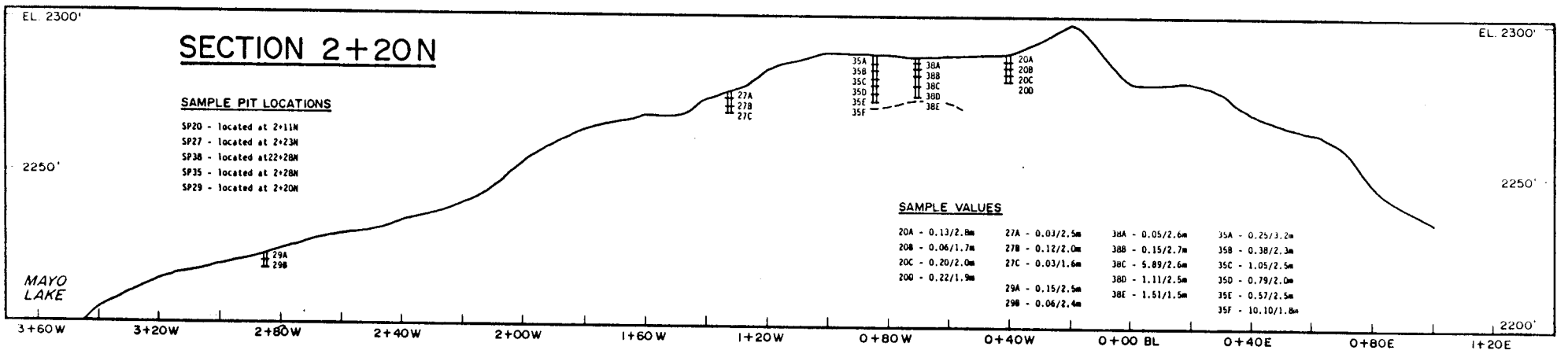
SECTION 3+00N



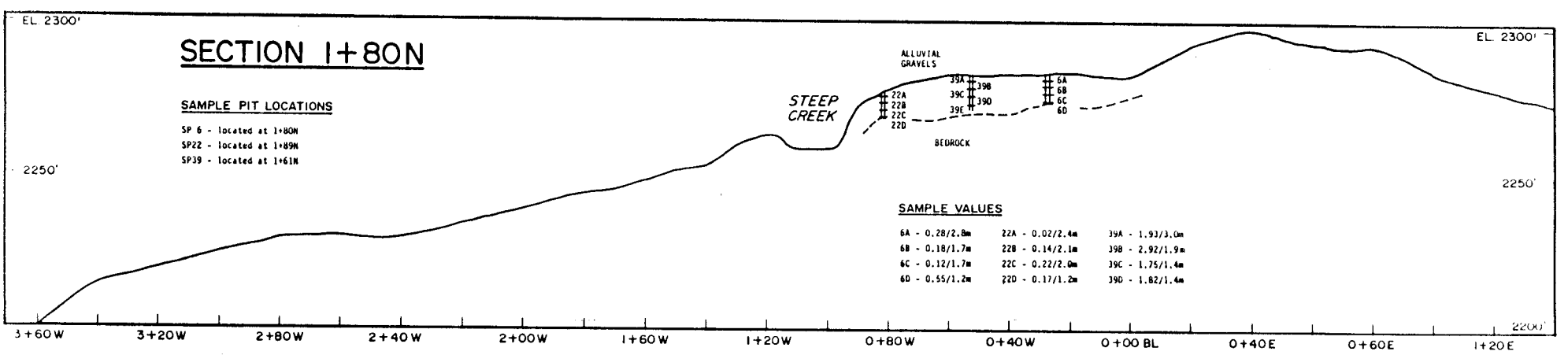
SECTION 2+60N



SECTION 2+20N



SECTION 1+80N



NOTES

1. ELEVATION - FEET ABOVE MEAN SEA LEVEL
2. SAMPLE VALUES - $ PER YARD / DEPTH IN METRES
3. CALCULATED GOLD AT $375US/oz

SCALE - METRES

20 0 20 40 60 80 100

MEYER PROPERTIES, INC.

STEEP CREEK CROSS SECTIONS NORTH HALF

MAYO M.D., Y.T. NTS MAP 105M/10

FIGURE 4

NEVIN SADLIER-BROWN GOODBRAND LTD.
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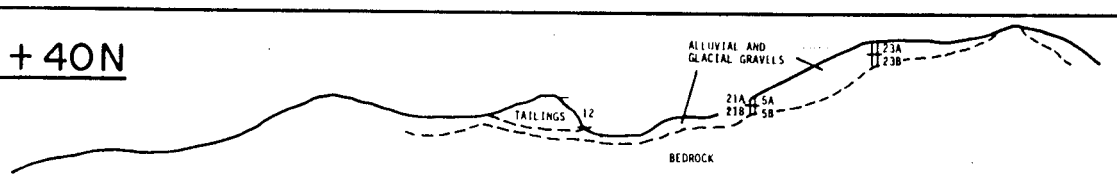
SECTION 1+40N



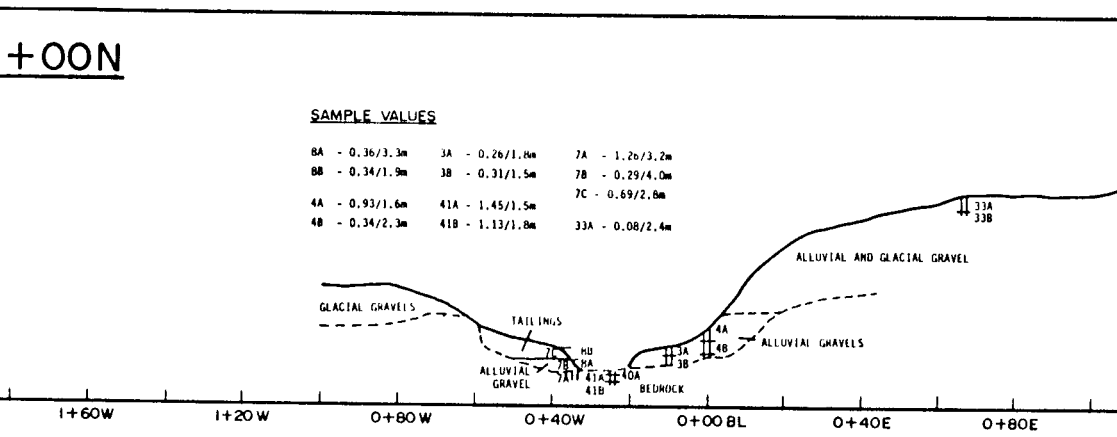
SAMPLE PIT LOCATIONS

SP 5 - located at 1+35N
SP21 - located at 1+53N
SP23 - located at 1+46N
SP12 - located at 1+38N

SAMPLE VALUES

5A - 0.24/2.5m
5B - 0.65/1.5m
12 - 0.07/6.5m
21A - 0.21/2.5m
21B - 0.19/2.0m
23A - 0.50/2.5m

SECTION 1+00N



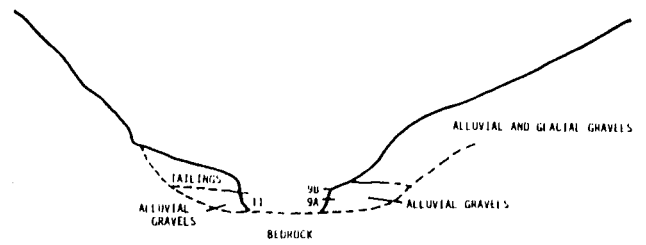
SAMPLE PIT LOCATIONS

SP8 - located at 1+00N
SP3 - located at 0+80N
SP4 - located at 1+00N
SP40 - located at 1+08N
SP41 - located at 1+08N
SP7 - located at 1+116N
SP33A - located at 1+05N

SAMPLE VALUES

8A - 0.36/3.3m
8B - 0.34/1.9m
4A - 0.93/1.6m
4B - 0.34/2.3m
3A - 0.26/1.8m
3B - 0.31/1.5m
41A - 1.45/1.5m
41B - 1.13/1.8m
7A - 1.26/3.2m
7B - 0.29/4.0m
7C - 0.69/2.8m
33A - 0.08/2.4m

SECTION 0+60N

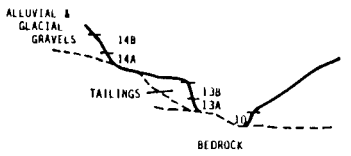


SAMPLE PIT LOCATIONS

SAMPLE VALUES

9A - 0.04/2.8m
9B - 0.02/1.7m
11 - 2.31/4.1m

SECTION 0+20N



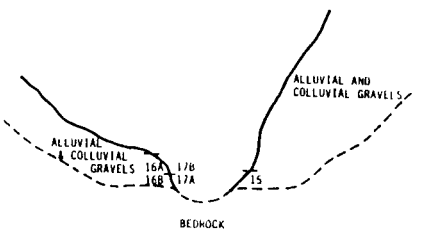
SAMPLE PIT LOCATIONS

SP14 - located at 0+25N
SP13 - located at 0+32N
SP10 - located at 0+16N

SAMPLE VALUES

13A - 0.33/2.6m
13B - 0.01/1.2m
14A - 0.11/2.8m
14B - 0.04/1.3m
10 - 0.84/3.4m

SECTION 0+20S



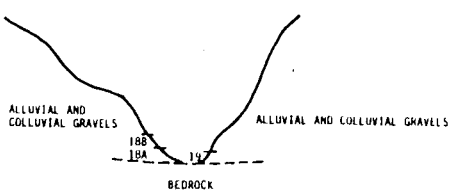
SAMPLE PIT LOCATIONS

SP17 - located at 0+35S
SP15 - located at 0+23S
SP16 - located at 0+03S

SAMPLE VALUES

17A - 0.67/2.0m
17B - 0.38/3.8m
15 - 1.70/2.0m
16A - 0.39/3.8m
16B - 0.31/1.5m

SECTION 0+60S



SAMPLE PIT LOCATIONS

SP18 - located at 0+76S
SP19 - located at 0+70S

SAMPLE VALUES

18A - 0.27/3.3m
18B - 0.01/3.5m
19 - 4.39/2.2m

NOTES

1. ELEVATION - FEET ABOVE MEAN SEA LEVEL
2. SAMPLE VALUES - $ PER YARD / DEPTH IN METRES
3. CALCULATED GOLD AT $375US/oz

SCALE - METRES

20 0 20 40 60 80 100

MEYER PROPERTIES, INC.

STEEP CREEK CROSS SECTIONS SOUTH HALF

MAYO M.D., Y.T. NTS MAP 105M/10

FIGURE 5

NEVIN SADLIER-BROWN GOODBRAND LTD.
OCTOBER 1982

APPENDIX A

Certificate and Statement of Qualifications

I, Dwayne L. Melrose hereby certify that:

1. My residence address if #34 - 1201 Emery Place, North Vancouver, B.C. V7J 1R1

2. I am a consulting geologist with the firm of Nevin Sadlier-Brown Goodbrand Ltd., 401-134 Abbott Street, Vancouver, B.C. V6B 2K4

3. I hold a B.Sc. in Honours Earch Science from the University of Waterloo, Waterloo, Ontario

4. I am an Associate member of the Geological Association of Canada.

Dwayne L. Melrose

Dwayne L. Melrose, B.Sc.

October 7, 1982

APPENDIX B

SUMMARY OF RESULTS

Sample Number	GOLD CONTENT (mg)		Sample volume yd^3	mg Gold Per Yard				Value $ U.S. Per Yard (@$ 375		
	panned	concentrate		A panned	B corrected to 920 fine	C concentrate	B + C Total	Panned	Concentrate	Total
1A	-	0.68	0.73	-	-	0.93	0.93	-	0.01	0.01
1B	-	10.40	0.73	-	-	14.25	14.25	-	0.17	0.17
1C	-	4.03	0.73	-	-	5.52	5.52	-	0.07	0.07
2A	-	0.64	0.73	-	-	0.88	0.88	-	0.01	0.01
2B	-	0.99	0.73	-	-	1.36	1.36	-	0.02	0.02
2C	-	0.47	0.73	-	-	0.64	0.64	-	0.01	0.01
3A	13.0	3.92	0.73	17.81	16.39	5.37	21.76	0.20	0.06	0.26
3B	17.0	3.32	0.73	23.29	21.43	4.55	25.98	0.26	0.05	0.31
4A	46.5	13.8	0.73	63.70	58.60	18.90	77.50	0.70	0.23	0.93
4B	13.0	8.37	0.73	17.81	16.39	11.47	27.86	0.20	0.14	0.34
5A	-	14.52	0.73	-	-	19.89	19.89	-	0.24	0.24
5B	-	39.54	0.73	-	-	54.16	54.16	-	0.65	0.65
6A	9.0	8.61	0.73	12.33	11.34	11.79	23.13	0.14	0.14	0.28
6B	4.5	6.71	0.73	6.16	5.67	9.19	14.86	0.07	0.11	0.18
6C	3.4	4.03	0.73	4.66	4.29	5.52	9.81	0.05	0.07	0.12
6D	30.0	6.11	0.73	41.10	37.81	8.37	46.18	0.45	0.10	0.55
7A	15.0	2.70	0.157	95.54	87.90	17.20	105.1	1.05	0.21	1.26
7B	-	3.77	0.157	-	-	24.01	24.01	-	0.29	0.29
7C	-	8.80	0.153	-	-	57.51	57.51	-	0.69	0.69

TABLE - Summary of Sample Values

Sample Number	GOLD CONTENT (mg)		Sample volume yd^3	mg Gold Per Yard				Value $ U.S. Per Yard (@$ 375		
	panned	concentrate		A panned	B corrected to 920 fine	C concentrate	B + C Total	Panned	Concentrate	Total
8A	0.5	4.16	0.157	3.18	2.93	26.50	29.43	0.04	0.32	0.36
8B	-	4.44	0.157	-	-	28.28	28.28	-	0.34	0.34
9A	-	0.46	0.157	-	-	2.93	2.93	-	0.04	0.04
9B	-	0.27	0.157	-	-	1.72	1.72	-	0.02	0.02
10	10.0	1.85	0.157	63.69	58.60	11.78	70.38	0.70	0.14	0.84
11	30.0	1.31	0.15	199.47	183.51	8.76	192.22	2.20	0.11	2.31
12	-	0.82	0.15	-	-	5.45	5.45	-	0.07	0.07
13A	3.2	1.27	0.15	21.28	19.57	8.44	28.01	0.23	0.10	0.33
13B	-	0.09	0.15	-	-	0.60	0.60	-	0.01	0.01
14A	-	1.37	0.15	-	-	9.11	9.11	-	0.11	0.11
14B	-	0.48	0.15	-	-	3.19	3.19	-	0.04	0.04
15	21.5	1.56	0.15	142.95	131.52	10.37	141.93	1.58	0.12	1.70
16A	-	4.90	0.15	-	-	32.58	32.58	-	0.39	0.39
16B	3.7	0.50	0.15	24.60	22.63	3.32	25.95	0.27	0.04	0.31
17A	7.9	1.13	0.15	52.53	48.32	7.51	55.83	0.58	0.09	0.67
17B	4.7	0.32	0.15	31.25	28.75	2.13	30.88	0.35	0.03	0.38

TABLE - Summary of Sample Values

Sample Number	GOLD CONTENT (mg)		Sample volume yd^3	mg Gold Per Yard				Value $ U.S. Per Yard (@$ 375		
	panned	concentrate		A panned	B corrected to 920 fine	C concentrate	B + C Total	Panned	Concentrate	Total
18A	2.7	0.93	0.15	17.95	16.52	6.18	22.70	0.20	0.07	0.27
18B	-	0.09	0.15	-	-	0.60	0.60	-	0.01	0.01
19	56.7	2.92	0.15	376.99	346.84	19.41	366.25	4.16	0.23	4.39
20A	-	7.62	0.73	-	-	10.44	10.44	-	0.13	0.13
20B	-	3.71	0.73	-	-	5.08	5.08	-	0.06	0.06
20C	1.6	10.65	0.73	2.19	2.02	14.59	16.61	0.02	0.18	0.20
20D	-	13.37	0.73	-	-	18.32	18.32	-	0.22	0.22
21A	7.1	5.85	0.73	9.73	8.95	8.01	16.95	0.11	0.10	0.21
21B	3.23	8.32	0.73	4.45	4.09	11.4	15.49	0.05	0.14	0.19
22A	-	1.32	0.73	-	-	1.81	1.81	-	0.02	0.02
22B	2.62	5.96	0.73	3.59	3.30	8.16	11.46	0.04	0.10	0.14
22C	10.72	4.99	0.73	14.68	13.51	6.84	20.35	0.16	0.08	0.22
22D	-	10.32	0.73	-	-	14.14	14.14	-	0.17	0.17
23A	2.23	4.43	0.157	14.21	13.07	28.23	41.30	0.16	0.34	0.50
24	-	1.38	0.235	-	-	5.86	5.86	-	0.07	0.07
24A	0.7	0.67	0.73	0.96	0.88	0.92	1.8	0.01	0.01	0.02
24B	3.1	2.69	0.73	4.25	3.91	3.68	7.59	0.05	0.04	0.09
24C	3.2	5.30	0.73	4.38	4.03	7.26	11.29	0.05	0.09	0.14
24D	2.0	7.09	0.73	2.74	2.52	9.71	12.23	0.03	0.12	0.15

TABLE - Summary of Sample Values

Sample Number	GOLD CONTENT (mg)		Sample volume yd^3	mg Gold Per Yard				Value $U.S. Per Yard (@$375		
	panned	concentrate		A panned	B corrected to 920 fine	C concentrate	B + C Total	Panned	Concentrate	Total
25A	-	4.39	0.73	-	-	6.01	6.01	-	0.07	0.07
25B	-	3.78	0.73	-	-	5.18	5.18	-	0.06	0.06
25C	1.18	5.96	0.73	1.62	1.49	8.16	9.65	0.02	0.10	0.12
26A	-	4.18	0.73	-	-	5.73	5.73	-	0.07	0.07
26B	11.9	12.13	0.73	16.3	15.0	16.62	31.62	0.18	0.20	0.38
27A	-	1.75	0.73	-	-	2.4	2.4	-	0.03	0.03
27B	2.5	4.72	0.73	3.42	3.15	6.47	9.62	0.04	0.08	0.12
27C	-	1.94	0.73	-	-	2.66	2.66	-	0.03	0.03
28A	-	5.46	0.73	-	-	7.48	7.48	-	0.09	0.09
28B	-	25.51	0.73	-	-	34.95	34.95	-	0.42	0.42
28C	9.78	16.32	0.73	13.4	12.33	22.36	34.69	0.15	0.27	0.42
29A	3.0	6.09	0.73	4.11	3.78	8.34	12.12	0.05	0.10	0.15
29B	1.7	1.74	0.73	2.33	2.14	2.38	4.52	0.03	0.03	0.06
30A	9.6	2.72	0.73	13.15	12.10	3.73	15.83	0.15	0.04	0.19
30B	19.2	6.71	0.73	26.30	24.20	9.19	33.39	0.29	0.11	0.40

TABLE - Summary of Sample Values

Sample Number	GOLD CONTENT (mg)		Sample volume yd^3	mg Gold Per Yard				Value $ U.S. Per Yard (@$ 375		
	panned	concentrate		A panned	B corrected to 920 fine	C concentrate	B + C Total	Panned	Concentrate	Total
31A	13.6	46.00	0.73	18.63	17.14	63.01	80.15	0.21	0.76	0.97
31B	23.1	5.58	0.73	31.64	29.11	7.64	36.75	0.35	0.09	0.44
31C	12.0	3.53	0.73	16.44	15.12	4.84	19.96	0.18	0.06	0.24
31E	-	4.58	0.73	-	-	6.27	6.27	-	0.08	0.08
32	13.1	6.52	0.73	17.95	16.51	8.93	25.44	0.20	0.11	0.31
33A	2.7	2.65	0.73	3.70	3.40	3.63	7.03	0.04	0.04	0.08
34A	1.3	0.74	0.73	1.78	1.64	1.01	2.65	0.02	0.01	0.03
34B	12.1	2.34	0.73	16.58	15.25	3.21	18.46	0.18	0.04	0.22
35A	12.0	4.12	0.73	16.44	15.12	5.64	20.76	0.18	0.07	0.25
35B	25.5	5.25	0.73	34.93	32.14	7.19	39.33	0.39	0.09	0.38
35C	65.1	4.14	0.73	89.04	81.92	5.67	87.59	0.98	0.07	1.05
35D	45.8	6.64	0.73	61.64	56.71	9.1	65.81	0.68	0.11	0.79
35E	31.0	5.85	0.73	42.47	39.07	8.01	47.08	0.47	0.10	0.57
35F	-	6.37	0.73	-	-	8.73	8.73	-	0.10	0.10
36A	-	5.99	0.73	-	-	8.21	8.21	-	0.10	0.10
36B	10.1	4.17	0.73	13.84	12.73	5.71	18.44	0.15	0.07	0.22
36C	-	4.25	0.73	-	-	5.82	5.82	-	0.07	0.07
36D	-	2.95	0.73	-	-	4.04	4.04	-	0.05	0.05
36E	2.0	4.79	0.73	2.74	2.52	6.56	9.08	0.03	0.09	0.12

TABLE - Summary of Sample Values

Sample Number	GOLD CONTENT (mg)		Sample volume yd^3	mg Gold Per Yard				Value $U.S. Per Yard (@$375		
	panned	concentrate		A panned	B corrected to 920 fine	C concentrate	B + C Total	Panned	Concentrate	Total
37A	-	4.81	0.73	-	-	6.59	6.59	-	0.08	0.08
38A	1.0	2.08	0.73	1.37	1.26	2.85	4.11	0.02	0.03	0.05
38B	5.1	4.5	0.73	6.99	6.43	6.16	12.59	0.08	0.07	0.15
38C	365.0	22.71	0.73	500.00	460.00	31.11	49.11	5.52	0.37	5.89
38D	5.8	61.75	0.73	7.95	7.31	84.59	91.9	0.09	1.02	1.11
38E	81.5	17.09	0.73	111.64	102.71	23,41	126.12	1.23	0.28	1.51
39A	112.5	13.75	0.73	154.11	141.68	18.84	160.52	1.70	0.23	1.93
39B	181.0	10.76	0.73	247.95	228.11	14.74	242.85	2.74	0.18	2.92
39C	100.5	14.00	0.73	137.67	126.66	19.18	145.84	1.52	0.23	1.75
39D	108.76	11.22	0.73	148.99	137.07	15.37	152.44	1.64	0.18	1.82
41A	385.0	-	2.93	131.40	120.89	-	120.89	1.45	-	1.45
41B	75.0	-	0.73	102.74	94.52	-	94.52	1.13	-	1.13
42B	32.0	-	0.73	43.84	40.33	-	40.33	0.48	-	0.48

TABLE - Summary of Sample Values

Sample Number	GOLD CONTENT (mg)		Sample volume yd^3	mg Gold Per Yard				Value $ U.S. Per Yard (@$375		
	panned	concentrate		A panned	B corrected to 920 fine	C concentrate	B + C Total	Panned	Concentrate	Total
1	-	5.04	0.73	-	-	6.9	6.9	-	0.08	0.08
2	-	0.7	0.73	-	-	0.96	0.96	-	0.01	0.01
3	15.0	3.62	0.73	20.55	18.91	4.96	23.87	0.23	0.06	0.29
4	29.75	11.09	0.73	40.75	37.49	15.19	52.68	0.45	0.18	0.63
5	-	27.03	0.73	-	-	37.03	37.03	-	0.44	0.44
6	11.73	6.37	0.73	16.09	14.8	8.73	23.53	0.18	0.10	0.28
7	5.0	5.09	0.157	31.85	29.3	32.42	61.72	0.35	0.39	0.74
8	0.25	4.3	0.157	1.59	1.46	27.39	28.85	0.02	0.33	0.35
9	-	0.37	0.157	-	-	2.36	2.36	-	0.03	0.03
10	10.0	1.85	0.157	63.69	58.60	11.78	70.38	0.70	0.14	0.84
11	30.0	1.31	0.15	199.47	183.51	8.76	192.22	2.20	0.11	2.31
12	-	0.82	0.15	-	-	5.45	5.45	-	0.07	0.07
13	1.6	0.68	0.15	10.7	9.84	4.53	14.37	0.12	0.05	0.17
14	-	0.93	0.15	-	-	6.2	6.2	-	0.07	0.07
15	21.5	1.56	0.15	142.95	131.52	10.37	141.99	1.58	0.12	1.70
16	1.85	2.7	0.15	12.3	11.35	18.0	29.35	0.14	0.22	0.36
17	6.3	0.73	0.15	42.0	38.64	4.87	43.51	0.46	0.06	0.52
18	1.35	0.51	0.15	9.0	8.28	3.4	11.68	0.10	0.04	0.14
19	56.7	2.92	0.15	378.0	347.76	19.47	367.23	4.17	0.23	4.40
20	0.4	8.84	0.73	0.55	0.51	12.11	12.62	0.01	0.15	0.16
21	5.17	7.09	0.73	7.08	6.51	9.71	16.22	0.08	0.12	0.20
22	3.34	5.63	0.73	4.58	4.21	7.71	11.92	0.05	0.09	0.14
23	2.23	4.43	0.157	14.21	13.07	28.23	41.30	0.16	0.34	0.50
24	2.25	3.94	0.73	3.08	2.83	5.40	8.23	0.03	0.06	0.09
25	0.39	4.71	0.73	0.53	0.49	6.45	6.94	0.01	0.08	0.09

TABLE - Summary of Sample Values

Sample Number	GOLD CONTENT (mg)		Sample volume yd^3	mg Gold Per Yard				Value $U.S. Per Yard (@$375		
	panned	concentrate		A panned	B corrected to 920 fine	C concentrate	B + C Total	Panned	Concentrate	Total
26	5.95	8.16	0.73	8.15	7.50	11.18	18.68	0.09	0.13	0.22
27	0.83	2.80	0.73	1.14	1.05	3.84	4.89	0.01	0.05	0.06
28	3.26	15.76	0.73	4.47	4.11	21.59	25.7	0.05	0.26	0.31
29	2.35	3.92	0.73	3.22	2.96	5.37	8.33	0.04	0.06	0.10
30	14.4	4.72	0.73	19.73	18.15	6.47	24.62	0.22	0.08	0.30
31	12.18	14.93	0.73	16.68	15.35	20.45	35.8	0.18	0.25	0.43
32	13.1	6.52	0.73	17.95	16.51	8.93	25.44	0.20	0.11	0.31
33	2.7	2.65	0.73	3.70	3.40	3.63	7.03	0.04	0.04	0.08
34	6.7	1.54	0.73	9.18	8.45	2.11	10.56	0.10	0.03	0.13
35	29.9	5.40	0.73	40.96	37.68	7.40	45.08	0.45	0.09	0.54
36	2.42	4.43	0.73	3.32	3.05	6.07	9.12	0.04	0.07	0.11
37	-	4.81	0.73	-	-	6.59	6.59	-	0.08	0.08
38	91.68	29.33	0.73	125.59	115.54	40.18	155.72	1.39	0.48	1.87
39	125.69	12.43	0.73	172.18	158.40	17.03	175.43	1.90	0.20	2.10
41	230.0	-	1.83	125.68	115.63	-	115.63	1.39	-	1.39
42	32.0	-	0.73	43.84	40.33	-	40.33	0.48	-	0.48

TABLE - Summary of Sample Values

APPENDIX C

CERTIFICATE OF ANALYSES

CHEMEX LABS LTD.

ANALYTICAL CHEMISTS GEOCHEMISTS REGISTERED ASSAYERS TELEX 043-52597

CERTIFICATE OF ASSAY

TO : NEVIN SADLIER-BROWN GOODBRAND LTD.,
401 - 134 ABBOTT ST.,
VANCOUVER, B.C.
V6B 2K4

CERT. # : A8211548-C01-A
INVOICE # : I8211548
DATE : 30-JUN-82
P.O. # : NONE

145

Sample description	Prep code	Au FA mg	Weight g				
1 A	225	0.68	28.50	--	--	--	--
1 B	225	10.40	48.25	--	--	--	--
1 C TOP	225	2.49	56.37	--	--	--	--
1 C BOTTOM	225	1.15	40.66	--	--	--	--
1 C SLUICE TAIL	225	0.39	1.76	--	--	--	--
2 A	225	0.64	22.86	--	--	--	--
2 B	225	0.99	13.58	--	--	--	--
2 B PAN TAIL	225	0.02	21.47	--	--	--	--
2 C	225	0.47	16.17	--	--	--	--
4 A	225	13.80	54.85	--	--	--	--
5 A	225	14.52	32.20	--	--	--	--
5 B	225	39.54	21.78	--	--	--	--
6 A	225	8.61	14.58	--	--	--	--
7 A	225	2.70	27.70	--	--	--	--
7 B	225	3.77	21.64	--	--	--	--
7 C	225	8.80	23.95	--	--	--	--
8 A	225	4.16	9.68	--	--	--	--
8 B	225	4.44	35.30	--	--	--	--
9 A	225	0.46	15.02	--	--	--	--
9 B	225	0.27	19.52	--	--	--	--
10	225	1.85	21.02	--	--	--	--
11	225	1.31	18.50	--	--	--	--
6 A	225	0.55	15.42	--	--	--	--

B Stewart

..... Province of British Columbia

CHEMEX LABS LTD.

212 BROOKSBANK AVE
NORTH VANCOUVER B.C.
TELEPHONE (604) 984-0221
TELEX 043-52597

ANALYTICAL CHEMISTS GEOCHEMISTS REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO : NEVIN SADLIER-BROWN GOODBRAND LTD.,
401 - 134 ABBOTT ST.,
VANCOUVER, B.C.
V6B 2K4

CERT. # : A8211719-001-A
INVOICE # : I8211719
DATE : 9-JUL-82
P.O. # : NONE 145

Sample description	Prep code	Au FA ma	Weight g				
1C	225	<0.003	22.64	--	--	--	--
3A	225	3.92	20.85	--	--	--	--
3B	225	3.32	45.88	--	--	--	--
4B	225	3.37	25.80	--	--	--	--
6B	225	6.71	17.20	--	--	--	--
6C	225	4.03	17.48	--	--	--	--
6D	225	6.11	33.32	--	--	--	--
12	225	0.82	10.06	--	--	--	--
13A	225	1.27	17.39	--	--	--	--
13B	225	0.09	16.02	--	--	--	--
14	225	1.37	7.80	--	--	--	--
14B	225	0.48	10.02	--	--	--	--
15	225	1.56	9.73	--	--	--	--
16A	225	4.90	8.30	--	--	--	--
16B	225	0.50	20.70	--	--	--	--
17A	225	1.13	25.25	--	--	--	--
17B	225	0.32	28.46	--	--	--	--
18A	225	0.93	31.60	--	--	--	--
18B	225	0.09	20.24	--	--	--	--
19	225	2.92	13.48	--	--	--	--
20B, VIAL 1	225	7.62	24.40	--	--	--	--
20B, VIAL 2	225	3.71	17.20	--	--	--	--
20C	225	10.65	27.70	--	--	--	--
20D	225	13.37	18.42	--	--	--	--
21A	225	5.85	27.74	--	--	--	--

CTA

CHEMEX LABS LTD.

ANALYTICAL CHEMISTS GEOCHEMISTS REGISTERED ASSAYERS

CERTIFICATE NO. A8211991-001

INVOICE NO. I8211991

RECEIVED July 12, 1982

ANALYSED July 21, 1982

TO: Nevin Sadlier-Brown Goodbrand Limited
401 - 134 Abbott Street
Vancouver, B.C.
V6B 2K4

ATTN: Tim Sadlier Brown

SAMPLE NO.	Au FA mg	Weight grams	Weight mg
21B	8.32	21.12	----
22A	1.32	22.12	----
22B	5.96	23.50	----
22C	4.99	40.00	----
22D	10.32	25.60	----
23A	4.43	17.98	----
24	1.38	13.82	----
25A	4.39	26.25	----
25B	3.78	39.00	----
25C	5.96	32.43	----
26A	4.18	32.53	----
26B	12.13	37.13	----
27A	1.75	31.91	----
27B	4.72	51.80	----
27C	1.94	20.07	----
28A	5.46	40.06	----
28B	25.51	80.30	----
28C	16.32	79.80	----
21B VIAL	----	----	3.23
22B VIAL	----	----	2.62
22C VIAL	----	----	10.72
23A VIAL	----	----	2.23
25C VIAL	----	----	1.18
26B VIAL	----	----	11.90
27B VIAL	----	----	2.50
28C VIAL	----	----	9.78

CHEMEX LABS LTD.

212 BRASSBANK AVE
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE (604) 984-0221
TELEX 043-52597

ANALYTICAL CHEMISTS GEOCHEMISTS REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO : NEVIN SADLIER-BROWN GOODBRAND LTD.,
401 - 134 ABBOTT ST.,
VANCOUVER, B.C.
V6B 2K4

CERT. # : A8212181-001-.
INVOICE # : I8212181
DATE : 29-JUL-82
P.O. # : NONE

ATTN: T. SADLIER-BROWN

Sample description	Prep code	Au FA mg	Weight g				
24 A	225	0.67	37.95	--	--	--	--
24 B	225	2.69	46.70	--	--	--	--
24 C	225	5.30	70.50	--	--	--	--
24 D	225	7.09	95.06	--	--	--	--
29 A	225	6.09	77.86	--	--	--	--
29 B	225	1.74	30.75	--	--	--	--
30 A	225	2.72	31.80	--	--	--	--
30 B	225	6.71	50.45	--	--	--	--
31 A	225	46.00	48.12	--	--	--	--
31 B	225	5.58	46.23	--	--	--	--
31 C	225	3.53	47.50	--	--	--	--
32	225	6.52	24.44	--	--	--	--
33 A	225	2.65	20.70	--	--	--	--
34 A	225	0.74	24.80	--	--	--	--
34 B	225	1.19	28.05	--	--	--	--
35 A	225	4.12	65.60	--	--	--	--
35 C	225	4.14	48.15	--	--	--	--
35 D	225	6.64	76.90	--	--	--	--
36 B	225	4.17	38.40	--	--	--	--
38 B	225	4.50	75.82	--	--	--	--
38 C	225	22.71	65.64	--	--	--	--
39 A	225	13.75	66.40	--	--	--	--
39 B	225	10.76	74.32	--	--	--	--

Registered Assayer, Province of British Columbia

CTA

CHEMEX LABS LTD.

ANALYTICAL CHEMISTS GEOCHEMISTS REGISTERED ASSAYERS TELEX 043-52597

CERTIFICATE OF ASSAY

TO : NEVIN SADLIER-BROWN GOODBRAND LTD.,
401 - 134 ABBOTT ST.,
VANCOUVER, B.C.
V6B 2K4

CERT. # : A8212291-001-A
INVOICE # : I8212291
DATE : 9-AUG-82
P.O. # : NONE 145

ATTN: TIM SADLIER-BROWN

Sample description	Prep code	Au FA mg	Sample Weights (gms)				
31 E	225	4.58	-- 55.45 --	--	--	--	
34 B	225	2.34	-- 26.55 --	--	--	--	
35 B	225	5.25	-- 62.12 --	--	--	--	
35 E	225	5.85	-- 34.83 --	--	--	--	
35 F	225	6.37	-- 60.06 --	--	--	--	
36 A	225	5.99	-- 67.96 --	--	--	--	
36 C	225	4.25	-- 26.85 --	--	--	--	
36 D	225	2.95	-- 19.87 --	--	--	--	
36 E	225	4.79	-- 32.20 --	--	--	--	
37 A	225	4.81	-- 51.44 --	--	--	--	
38 A	225	2.08	-- 22.80 --	--	--	--	
38 D	225	61.75	-- 37.80 --	--	--	--	
38 E	225	17.09	-- 114.30 --	--	--	--	

Ian Bruzzini
Registered Assayer, Province of British Columbia

CHEMEX LABS LTD.

[illegible] SHANK AVE
[illegible] 984 0221

ANALYTICAL CHEMISTS GEOCHEMISTS REGISTERED ASSAYERS TELEX 043-52597

CERTIFICATE OF ASSAY

TO : NEVIN SADLIER-BROWN GOODBRAND LTD.,
401 - 134 ABBOTT ST.,
VANCOUVER, B.C.
V6B 2K4

CERT. # : A8212337-001-A
INVOICE # : I8212337
DATE : 6-AUG-82
P.O. # : NONE 145

ATTN: TIM SADLIER-BROWN

Sample description	Prep code	Au FA mg		Sample Weight (gms)				
39C	225	14.00	--	122.40	--	--	--	--
39D	225	11.22	--	168.15	--	--	--	--

Registered Assayer, Province of British Columbia

APPENDIX D

ITEMIZED COST STATEMENT

Labour	$ 56,666.30
Transportation	9,845.53
Meals and Accommodations	6,157.56
Sundry, Communication, Freight, etc.	3,316.52
Equipment Rentals	5,284.22
Supplies	6,688.40
Assays	2,075.94
Drafting and Reporting	2,389.45
TOTAL	$ 92,423.92

APPENDIX E

LIST OF PERSONNEL

Dwayne L. Melrose	May 28th-August 20th, 1982
T.L. Sadlier-Brown	June 1st-June 5th, August 15-16th, 1982
Bruce J. Hardy	June 9th-August 20th, 1982

Address of the above:

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Henry Reinink c/o Berean Bible College Station B, Postal Bag 3900 Calgary, Alberta	June 7-23rd, 1982
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