

UMEX Inc.

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THE STIB MINERAL CLAIMS
SOUTHWESTERN GRAHAM ISLAND
QUEEN CHARLOTTE ISLANDS, B.C.

N.T.S.: 103F/8W

LATITUDE 53°23'N

LONGITUDE 132°24'W

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

9698

SKEENA MINING DIVISION

REPORT ON DIAMOND DRILLING PROGRAM

by

IAN NADEAU, B.Sc.

OCTOBER 1981

OWNERS OF RECORD: UMEX Inc.

OPERATOR: UMEX Inc.

CONTRACTORS: PHIL'S DIAMOND DRILLING

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INTRODUCTION

The Stib mineral claim is located on Graham Island of the Queen Charlotte Islands, 25 km west-northwest of Queen Charlotte City straddling the upper 3.5 km of Riley Creek (Figure 1).

During the 1977 and 1978 field seasons both the Stib and Ant claims were soil sampled and a grid was established over the claims. Based upon these results, detailed rock sampling and geological mapping followed in the 1980 field season, which in turn led to the selection of diamond drill targets during the winter of 1980.

UMEX Inc. contracted Phil's Diamond Drilling to drill approximately 300m of BQ core during the summer of 1981.

All drill moves from the nearest road access were accomplished by helicopter based in Sandspit. Drill sites were felled out of heavy standing timber by local professional fallers.

A total of 6 holes were completed, five of which were on the North side of Riley Creek, one on the South side. The hole depths ranged from 28.35m to 78.64 m. All six holes were drilled on the extension of the old Courte Antimony Showing located adjacent to the Stib claim, west side.

CLAIMS

The property consists of the mineral claims listed below and shown on the accompanying map (Figure 2):

NAME	UNITS	RECORD #	RECORD DATE	LOCATOR
ANT	9	384	June 21, 1977	A. Pauwels
STIB	9	385	June 21, 1977	A. Pauwels
STIB 2	3	2925	March 31, 1981	N. Spaxman
Stib 3	4	2926	March 31, 1981	N. Spaxman
Stib 4	9	2927	March 31, 1977	N. Spaxman

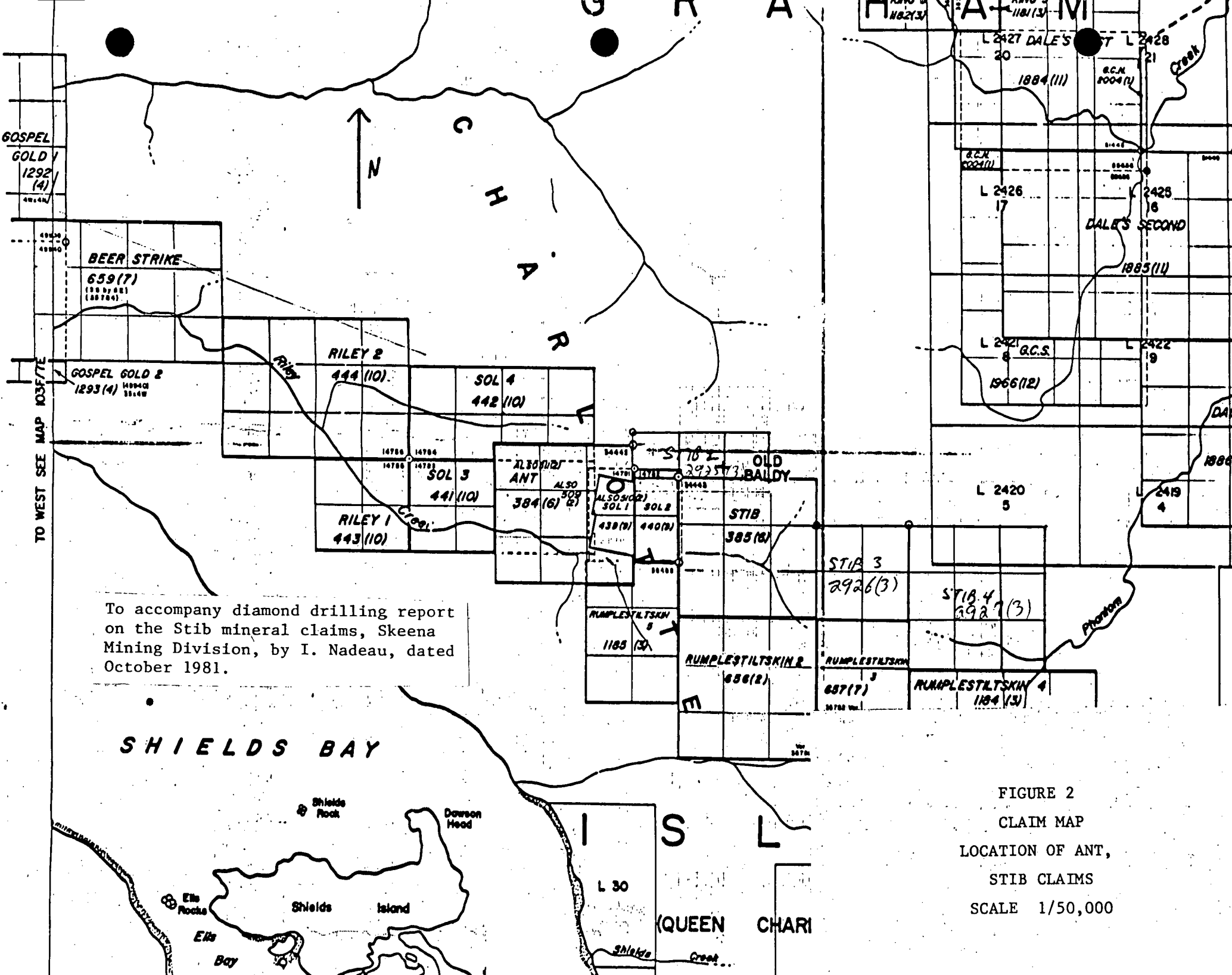
All diamond drilling was confined to the Stib mineral claim.

LOCATION AND ACCESS

The property is located north of the head of Rennel Sound on the southwest coast of Graham Island, Queen Charlotte Islands. The claims are within the Skeena Mining Division in N.T.S. 103F/8W with approximate latitude and longitude coordinates of the property being 53°23'N and 132°24'W. The claims are accessible by logging road from Queen Charlotte City to Rennel Sound, from there to the property via CIPA Industries logging road (Branch 8) which terminates at the western boundary of the Stib claims.

TOPOGRAPHY AND VEGETATION

The property lies along the Riley Creek valley and rises steeply on either side to an elevation of approximately 700 m. The creek has a narrow but flat floor



To accompany diamond drilling report on the Stib mineral claims, Skeena Mining Division, by I. Nadeau, dated October 1981.

FIGURE 2
CLAIM MAP
LOCATION OF ANT,
STIB CLAIMS
SCALE 1/50,000

(in the area of the property) which is covered with alluvium and till with no evident outcrop. Abundant outcrop is found in tributary creeks draining the ridges on either side of the creek.

The property is heavily timbered with large hemlock-spruce-cedar forest, none of which has been logged except for the southern portion of the Ant claim.

GEOLOGY

The area underlying the Stib property has been mapped by Sutherland Brown, 1968; B.C. Department of Mines; Bull. #54 as being composed essentially of Jurassic, Yakoun formation. Further detailed mapping has revealed that the area was intruded and partly metamorphosed by dioritic "rhyolitic", feldspar porphyry dykes thought to be of Masset Formation of early Tertiary age.

These dykes which trend approximately N 70° W, following a major fault cutting the area, appear to intrude the Yakoun Formation at the boundary between volcanics and sediments. The volcanics to the NE are mainly andesitic agglomerates with volcano-sediments to the SW. The dip of these intrusive dykes is near vertical.

All drill targets were chosen within the dyke rock due to the presence of anomalous Au and Sb values detected in both soil and rock samples.

DRILL EQUIPMENT AND TECHNIQUE

A Hydracore 28 diamond drill, supplied by Phil's Diamond Drilling, was used. BQ size core was drilled. All core was split and one half of all core was sent to the lab for analysis. Core was sampled in three meter sections, although smaller intervals were chosen in zones of intense alteration or mineralization. Recovery was very good even in clay-altered zones.

ANALYSIS

All core was assayed by Acme Labs for As, Sb, Ag, Cu and Mo. The following technique was used:

Multi Element Analysis by ICP

Digestion of Sample:

0.5 gram samples are digested with hot aqua regia for one hour and the sample is diluted to 10 ml. The diluted sample is aspirated by ICP and the analytical results are printed by Telex, either in percent or ppm as shown.

Gold; also analyzed by Acme Labs was assayed using the following method:

Geochemical Analysis for Au

10.0 gram samples that have been ignited overnight at 600°C are digested with hot dilute aqua regia, and the clear solution obtained is extracted with Methyl Isobutyl Ketone.

Au is determined in the MIBK extract by Atomic Absorption using background correction (Detection Limit = 5 ppb direct AA and 1 ppb graphite AA).

RESULTS

The detailed geology and assay results are described in drill logs (Appendix I).

Figure 3, in pocket, illustrates the location of drill holes with respect to claim boundaries; shows a detailed plan view of geology in the drill hole area as well as cross-sections of the drill holes showing both geology and anomalous gold geochemistry. All drill holes tested the dyke rock at its northern boundary with the Yakoun volcanics. The dyke rock, generally pinkish-white to light grey in color, varies from very fine crystalline to a coarse feldspar porphyry phase. Varying amounts of pyrite are disseminated throughout the core, up to 10% in some sections. Intense clay alteration and pyritization occurs along shears within the dyke as well as at the contact with the Yakoun agglomerate. Quartz veins carrying both Py and Sb mineralization were intersected at various depths within several DDH's.

Assay results show anomalous Au values associated essentially with the quartz stibnite veins within the dyke rock. These zones are also highly anomalous in As. The general background of the dyke rock is < 5 ppb Au. DDH #1 which reached a depth of 55.7 m intersected several zones of high Au values. From 15.24 m to 24.38 m gold averaged 521 ppb Au with two small intersections within this zone related to quartz stibnite veining assayed 2250, and 2450 ppb respectively. Corresponding As values were 721 to 6750 ppm. Stibnite assayed up to 10,350 ppm within this zone. Other intersections were 33.22 m to 33.53 m assaying 2250 ppb Au, 2255 As, and 48.77 to 51.82 m assaying 900 ppb Au, 1244 ppm As.

Results from DDH #2 were poor in all respects. DDH's #3 and #4 show slightly anomalous zones with up to 80 ppb Au over 3 m with high As values up to 10,300 ppm. Au values in DDH #5 appear to increase with depth. Values of 500 ppb Au, 737 ppm As at 70.10 m to 73.15 m. DDH #6 located on the south side of Riley Creek showed weakly anomalous gold values of up to 60 ppb, although did show As values of up to 8186 ppm.

Diamond drill holes #3 and #4 intersected Yakoun agglomerates at the bottom of each hole. These rocks are greenish partly metamorphosed andesitic, feldspar porphyry agglomerates with little or no pyrite and are of no economic value.

CONCLUSIONS

NW trending feldspar porphyry dioritic dykes intruding the Riley Creek area appear to have potential for gold mineralization.

Gold mineralization is associated with quartz stibnite veins within the dyke rock. Gold values of 521 ppb were found over 9.14 m with smaller zones of up to .5 m in length carrying 2250 ppb Au were intersected in DDH #1.

Further drilling, if warranted, should be drilled at depth below DDH's #1 and #5 as well as to the west.

Prior to further work, legal claim boundaries should be established between the Stib claim and the Old Sol claims to the west.

A P P E N D I X I

PROJECT: Yakoun

UMEX Inc.

Described by: NadeauProperty: Stib

DRILL HOLE RECORD

Phil's Diamond

Page 1 of 2Drill Hole No. 1Bearing = 360°Drilled by: DrillingLocation: X = P1 Y = 95 mDip = 45°Machine: Hydracore 28Date Started: May 9, 1981Depth = 55.78 metersCore Size: BQDate Finished May 16, 1981

Depth		% Core	Description & Lithology	Mineralization	Sample No.	Assay Results					
From	To					Au ppb	As ppm	Sb ppm	Ag ppm	Cu ppm	Mo ppm
0	1.83	50	Coarse white quartz diorite with disseminated Py.	diss. Py	22551	5	9	4	.2	16	2
1.83	6.10	60	Fine grey diorite, calcite veining, Py zones.	Py	22552	5	17	6	.4	36	3
6.10	9.14	95	Coarse grey diorite, rusty fractures, minor Py.	Py	22553	<5	49	14	.2	23	1
9.14	12.19	100	Coarse grey diorite, minor pyritic blebs, Py along fractures.	Py	22554	10	92	13	.2	12	2
12.19	15.24	100	Coarse grey diorite with every fine Py-Sb veinlet.	Py, Sb	22555	<5	116	8	.1	7	1
15.24	18.29	100	Coarse grey diorite, veins of Py, Sb up to 1 cm wide.	Py, Sb	22556	290	721	24	.4	9	1
15.54	15.85	100	Quartz diorite, disseminated Py, Py-Sb veins.	Py, Sb	22557	2450	6750	0350	.9	13	2
18.29	19.20	100	Quartz diorite, disseminated Py, clay alteration along Sb veinlets.	Py, Sb	22558	675	1668	91	.2	10	2
19.51	21.34										
19.20	19.51	100	Quartz diorite, quartz Py-Sb veins---clay alteration.	Py, Sb	22559	2250	4784	164	.2	13	2
21.34	24.38	100	Quartz diorite, quartz Py-Sb veins---clay alteration.	Py, Sb	22560	600	1793	1106	.3	10	1
24.38	27.43	100	Quartz diorite.		22561	15	92	18	.3	23	1
27.43	30.48	100	Brecciated quartz diorite, minor clay alteration.		22562	180	554	10	.1	16	1
30.48	33.22	100	Quartz diorite along fractures, minor Sb.	Py, Sb	22563	245	854	20	.1	25	1
33.22	33.53	100	Quartz diorite---Py-Sb fractures.	Py, Sb	22564	2250	2255	58	.4	22	2
33.53	36.58	100	Quartz diorite, Py blebs, minor clay alteration.	Py	22565	55	1204	13	.1	21	1
36.58	39.62	100	Quartz diorite, Py blebs and disseminated Py, minor clay alteration and Sb.	Py, Sb	22566	125	1257	16	.2	14	1
39.62	42.67	100	Coarse quartz diorite---Py blebs, clay alteration at 134 to 136.	Py	22567	205	962	28	.2	18	1
42.67	45.72	100	Quartz diorite, Py blebs, at 45.11 to 45.42m have Yakoun lense.	Py	22568	50	120	7	.1	13	1

PROJECT: Yakoun

UMEX Inc.

Described by: Nadeau

Property: Stib

DRILL HOLE RECORD

Phil's Diamond

Page 1 of 1

Drill Hole No. 2

Bearing = 360°

Drilled by: Drilling

Location: X = P1 Y = 60 m

Dip = 45°

Machine: Hydracore 28

Date Started: May 17, 1981

Depth = 36.58 meters

Core Size: BQ

Date Finished: May 21, 1981

Depth		% Core	Description & Lithology	Mineralization	Sample No.	Assay Results					
From	To					Au ppb	As ppm	Sb ppm	Ag ppm	Cu ppm	Mo ppm
0	3.35		Overburden								
3.35	7.01	100	Silicified diorite, fractured, hematitic stain, Py blebs, possible cpy.	Py, cpy?	22580	3	21	1	.1	15	1
7.01	10.06	100	Silicified diorite---more fracturing.		22581	< 1	15	1	.1	9	1
10.06	13.11		Silicified diorite breccia?, less fractured and altered, minor Py.	Py	22594	< 1	12	1	.1	11	1
13.11	16.15		Silicified diorite---intense silification.		22582	< 1	3	1	.1	7	1
16.15	19.20		Silicified diorite---darker due to influx of Yakoun.		22583	15	8	1	.1	13	1
19.20	22.56		Silicified diorite.		22584	< 1	20	1	.2	15	1
22.56	24.99		Yakoun, silicified, quartz veins.		22585	< 1	17	1	.5	5	1
24.99	27.13		Yakoun, silicified, quartz veins.		22586	< 1	4	1	.1	1	1
27.13	31.39		Silicified mixing zone---diorite, Yakoun.		22587	< 1	13	2	.6	27	2
31.39	34.44		Silicified Yakoun, Py along fractures.	Py	22588	< 1	15	1	.5	22	1
34.44	36.58		Silicified Yakoun, Py along fractures.		22589	< 1	23	2	.5	42	1

PROJECT: Yakoun

UMEX Inc.

Described by: ChevalierProperty: Stib

DRILL HOLE RECORD

Page 1 of 1Drill Hole No. 3Bearing = 360°

Phil's Diamond

Drilled by: DrillingLocation: X = P1 Y = 133 mDip = 45° Machine: Hydracore 28Date Started: May 22, 1981Depth = 28.35 metersCore Size: BQDate Finished: May 23, 1981

Depth		% Core	Description & Lithology	Mineralization	Sample No.	Assay Results					
From	To					Au ppb	As ppm	Sb ppm	Ag ppm	Cu ppm	Mo ppm
.31	3.05	5	Overburden (float dioritic)								
3.05	6.10	95	Diorite, Yakoun fragments, Py vein at 4.57m (feldspar porphyry)	Py	22528	< 1	34	4	.4	39	1
6.10	7.32	95	Feldspar porphyry diorite--minor clay altered zones.		22529	< 1	49	2	.5	56	1
7.32	7.92	95	Feldspar porphyry diorite, clay alteration along Py, Sb veins.	Sb, Py	22530	4	3874	32	.4	13	1
7.92	8.84	95	Fine diorite, silicified zones, clay alteration along veins.		22531	< 1	76	1	.1	1	1
8.84	10.06	95	Porphyritic diorite, clay alteration, silicified Py-Sb veins.	Sb, Py	22532	< 1	55	1	.2	8	1
10.06	11.51	95	Porphyritic diorite silicified, blebs of Py.	Py	22533	< 1	320	1	.2	5	1
11.51	13.11	95	Porphyritic diorite with veins of Sb.	Sb, Py	22534	2	3468	1	.2	9	1
13.11	14.63	95	Intense silicification of diorite, clay altered Sb zones.	Sb, Py	22535	1	1726	1	.3	11	1
14.63	17.68	95	Silicified diorite with Yakoun frags, minor clay alteration with Py veins, minor clay altered blebs, calcite veins.	Py	22536	< 1	326	1	.3	25	1
17.68	19.51	95	Silicified diorite with Yakoun frags, Py blebs.	Py	22537	12	1612	7	.4	32	1
19.51	22.56	95	Porphyritic silicified, clay altered around Sb veins.	Sb, Py	22538	72	10150	12	.5	7	1
22.56	25.30	15	Clay altered zone 60% mineralized.	Sb, Py	22539	80	10300	16	1.6	49	2
25.30	28.35	75	Yakoun volcanics with calcite veining.		22540	< 1	66	3	.6	57	1

PROJECT: Yakoun

UMEX Inc.

Described by: ChevalierProperty: Stib

DRILL HOLE RECORD

Phil's Diamond
DrillingPage 1 of 1Drill Hole No. 4Bearing = 360°

Drilled by:

Location: X = P2 Y = 120 mDip = 45°Machine: Hydracore 28Date Started May 24, 1981Depth = 31.39 metersCore Size: BQDate Finished May 26, 1981

Depth		% Core	Description & Lithology	Mineralization	Sample No.	Assay Results					
From	To					Au ppb	As ppm	Sb ppm	Ag ppm	Cu ppm	Mo ppm
0	7.01		Overburden (dioritic float).								
7.01	10.06	90	Diorite---varying degrees of silicification, calcite veins.		22541	20	146	2	.5	60	1
10.06	13.11	95	Silicified diorite, Py blebs-veins, clay alt. along veins.	Py	22542	< 5	441	1	.4	27	1
13.11	14.94	95	Silicified diorite, Py blebs, Yakoun fragments.	Py	22543	< 5					
14.94	16.15	98	Silicified diorite, Yakoun fragments, Sb veins 5 mm wide.	Sb, Py	22544	15	705	1	.6	16	1
16.15	17.68	90	Silicified diorite, Yakoun fragments, diss. pyrite.	Py	22545	< 5	367	1	.3	17	1
17.68	20.73	95	Silicified diorite, Yakoun fragments, clay alt. along Py veins.	Py	22546	15	1014	1	.4	15	1
20.73	23.77		Silicified diorite, Yakoun fragments, no veins.	Py	22547	5	332	1	.5	26	1
21.34	21.64		Silicified diorite, Yakoun fragments, Py and Sb veins.	Sb, Py	22548	30	6428	2	.5	2	1
23.77	25.30		Silicified diorite, Yakoun fragments, minor Py.	Py	22549	< 5	1151	1	.6	56	1
25.30	26.82		Clay altered diorite, Yakoun fragments, minor Py-Sb veins.	Py, Sb	22550	< 5	232	1	.4	34	1
26.82	28.35		Clay altered diorite, Yakoun mixed--contact zone, minor Py-Sb veins.	Py, Sb	22590	5	243	1	.4	18	2
28.35	28.96		Clay altered zone, Py-Sb veins.	Py, Sb	22591	55	358	1	.5	47	5
28.96	31.39		Yakoun volcanics---calcite veined.		22592						

PROJECT: Yakoun

UMEX Inc.

Described by: NadeauProperty: StibDRILL HOLE RECORD Phil's DiamondPage 1 of 2Drill Hole No. 5Bearing = 360°Drilled by: Drilling

Location: X = P2 Y = 70 m

Dip = 45°Machine: Hydracore 28Date Started: May 27, 1981Depth = 78.64 metersCore Size: BQDate Finished: June 2, 1981

Depth (meters)		% Core	Description & Lithology	Mineralization	Sample No.	Assay Results					
From	To					Au ppb	As ppm	Sb ppm	Ag ppm	Cu ppm	Mo ppm
0	4.57		Overburden								
4.57	9.14	100	Breccia, mixed diorite and Yakoun (silicified) fractured hematitic stain.		011601	5	11	1	.3	24	2
9.14	12.19	100	Breccia, intense silicification, hematitic stain along fractures.		011602	5	22	1	.4	30	2
12.19	16.76	100	Breccia, less hematitic stain.		011603	5	17	1	.4	23	2
16.76	19.81	100	Silica replaced breccia---barren		011604	5	28	2	.2	2	2
19.81	22.86	100	Silica replaced breccia, large replaced Yakoun frags.		011605	5	12	2	.3	2	2
22.86	25.91	100	Silica replaced breccia, more fractured.		011606	5	31	1	.1	4	1
25.91	28.35	50	Silica replaced breccia, clay altered, softer, fract.		011607	5	115	3	.1	12	1
28.35	31.39	5	???---lost return water, no core except for 10cm of diorite.	CAVE??							
31.39	32.00	100	Silicified breccia, clay altered along fractures, Py.	Py	011608	5	62	2	.1	19	2
32.00	32.92	100	Yakoun lense, at 108 ft. have clay alt. and fractured.	Py, Sb	011609	5	15	1	.6	33	4
32.92	35.05	100	Clay altered breccia, Py-Sb veining, Py blebs, calcite vein.	Py, Sb	011610	25	446	18	.3	30	3
35.05	38.10	100	Clay altered breccia.	Py, Sb	011611	5	63	5	.3	51	3
38.10	41.15	100	Clay altered breccia, less Yakoun frags in Bx, at 125 ft. have Py-Sb vein.		011612	45	243	6	.2	45	2
41.15	44.20	100	Clay altered breccia--clay altered zone with Py, Sb.	Py, Sb	011613	10	144	10	.3	24	2
44.20	47.24	100	Clay altered breccia--clay altered zone with Py, Sb.	Py, Sb	011614	55	363	15	.2	16	1
47.24	50.29	100	Breccia becomes harder, Py in blebs and veinlets.	Py, Sb	011615	5	10	9	.2	18	1
50.29	51.82	100	Breccia--clay altered zone, Py Sb	Py, Sb	011616	35	184	11	.3	27	1

PROJECT: Yakoun

UMEX Inc.

Described by: NadeauProperty: Stib

DRILL HOLE RECORD

Page 2 of 2.Drill Hole No. 6Bearing = 20°

Phil's Diamond

Drilled by: Drilling

Location: X= P3 Y= 150 m

Dip = 50°Machine: Hydracore 28Date Started: June 3, 1981Depth = 61.87 metersCore Size: BQDate Finished: June 6, 1981

Depth		% Core	Description & Lithology	Mineralization	Sample No.	Assay Results					
From	To					Au ppb	As ppm	Sb ppm	Ag ppm	Cu ppm	Mo ppm
28.65	31.70	80	Rock becomes softer, more influxes of Yakoun, minor clay altered Py zones.	Py	011559	.60	607	.1	.1	15	1
31.70	34.75	80	50% Yakoun with clay alt. dyke rock very soft and broken and quartz veining, minor Py.	Py	011560	.10	1115	16	.1	17	1
34.75	37.80	80	50% Yakoun with clay alt. dyke rock very soft and broken and quartz veining, minor Py, highly altered and broken zones.	Py	011561	.30	2203	19	.1	21	1
37.80	40.84	100	Becomes harder, more consolidated, Py blebs.	Py	011562	.10	265	3	.3	26	1
40.84	43.89	100	Becomes harder, more consolidated, Py blebs, less Yakoun, dyke rock finer.		011563	.5	103	1	.4	36	3
43.89	46.94	100	Sugary textured, soft dyke rock with Py veinlets.	Py	011564	.20	144	2	.3	58	1
46.94	49.99	100	Sugary textured, soft dyke rock with Py veinlets, greenish-grey in color.		011565	.10	75	2	.3	30	1
49.99	53.04	100	Sugary textured, soft dyke rock with Py veinlets, greenish-grey in color.	Py	011566	.10	466	5	.4	60	2
53.04	56.08	100	Sugary textured, soft dyke rock with Py veinlets, greenish-grey in color.	Py	011567	.5	25	1	.4	40	1
56.08	59.13	100	Sugary textured, soft dyke rock with Py veinlets, greenish-grey in color, dissem. Py.	Py	011568	.5	32	1	.4	56	1
59.13	61.26	100	Sugary textured, soft dyke rock with Py veinlets, greenish-grey in color, dissem. Py.	Py	011569	.5	54	1	.4	68	1
61.26	61.87	100	Sugary textured, soft dyke rock with Py veinlets, greenish-grey in color, dissem. Py with 2 clay alt. zones with Py 1" wide.	Py	011570	200	8186	16	.2	66	3

PROJECT: Yakoun

UMEX Inc.

Described by: NadeauProperty: Stib

DRILL HOLE RECORD

Phil's Diamond

Page 1 of 2Drill Hole No. 6Bearing = 20°Drilled by: Drilling

Location: X= P3 Y= 150 m

Dip = 50°Machine: Hydracore 28Date Started: June 3, 1981Depth = 61.87 metersCore Size: B.Q.Date Finished: June 6, 1981

Depth (meters)		% Core	Description & Lithology	Mineralization	Sample No.	Assay Results						
From	To					Au ppb	As ppm	Sb ppm	Ag ppm	Cu ppm	Mo ppm	
0	5.18		Overburden									
5.18	7.32	85	Highly fractured rusty stained diorite with black zones of Yakoun, calcite veining Py blebs.	Py	011551	.15	502	27	.1	44	1	
7.32	10.36	100	Diorite dyke rock--frags of Yakoun seds & volcanics minor rusty stain along fractures.	Py	011552	.15	35	2	.1	23	2	
10.36	13.41	100	Diorite dyke rock--frags of Yakoun seds & volcanics minor rusty stain along fractures--more massive with fractured zones, Py blebs.	Py	011553	.45	177	3	.1	23	1	
13.41	16.46	100	Diorite dyke rock--frags of Yakoun seds & volcanics minor rusty stain along fractures--more massive with fractured zones, Py blebs.	Py	011554	.10	30	1	.1	20	1	
16.46	19.51	100	Diorite dyke rock--frags of Yakoun seds & volcanics minor rusty stain along fractures--more massive with fractured zones, Py blebs.	Py	011555	.5	20	2	.1	21	2	
19.51	22.56	100	Diorite dyke rock--frags of Yakoun seds & volcanics minor rusty stain along fractures--more massive with fractured zones, Py blebs.		011556	.5	45	2	.1	20	1	
22.56	25.60	100	Diorite dyke rock--frags of Yakoun seds & volcanics minor rusty stain along fractures--more massive with fractured zones, Py blebs, minor calcite veins--more fractured at 25.60m.		011557	.10	257	2	.1	19	1	
25.60	28.65	85	Rock becomes softer, more influxes of Yakoun, minor clay alt. Py zones.	Py	011558	.10	330	4	.1	20	1	

A P P E N D I X II

A P P E N D I X I I

I T E M I Z E D C O S T S T A T E M E N T

Diamond Drilling (Phil's Diamond Drilling)

Mobilization in to drill site	\$ 2,500.00
6 Holes - total footage 960 ft. @ \$21.00	20,160.00
Total casing run - 73 ft. @ \$6.00/ft.	438.00
Total man hours - 146 hrs. @ \$20.00/hr.	2,920.00

Materials:

48 ft. B.Q. casing left @ \$14.00/ft.	672.00
1 Light set casing shoe	185.29
3 Econo shoes @ \$134.09 each	402.27
3 Bags mud @ \$8.00 each	24.00
250 B.Q. core boxes @ \$6.00 each	1,500.00
50 Lids @ \$2.20 each	110.00

\$28,911.56

Queen Charlotte Helicopter (Drill Moves)

Date	Hours	Cost
May 10th	1.8	837.40
May 17th	1.2	576.60
May 22nd	1.3	617.90
May 23rd	1.2	569.60
May 27th	1.2	555.60
June 3rd	1.4	668.20
June 16th	.9	437.40

4,262.70

Helicopter Pad Preparation (Rolu Enterprises)

6 Sites @ \$250.00 each	1,500.00
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Support Personnel

I. Nadeau	May 7 - June 16th 41 days @ \$116.97/day	4,795.36
N. Spaxman	May 7 - June 16th 41 days @ \$ 60.24/day	2,469.84

Truck Rental Equivalent

41 Days @ \$44.60/day (includes gas)	1,828.60
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Accommodations

Coho Apts. - 41 days @ \$44.00/day	1,804.00
Meals for 2 persons - 41 days @ \$12.00/day each	984.00

Analyses

Acme Labs Ltd., 852 East Hastings Street, Vancouver, B.C.	
105 Core samples for Au & 5 element ICP @ \$9.50 each	997.50

TOTAL DRILLING PROGRAM COST \$47,553.56

A P P E N D I X III

A P P E N D I X III

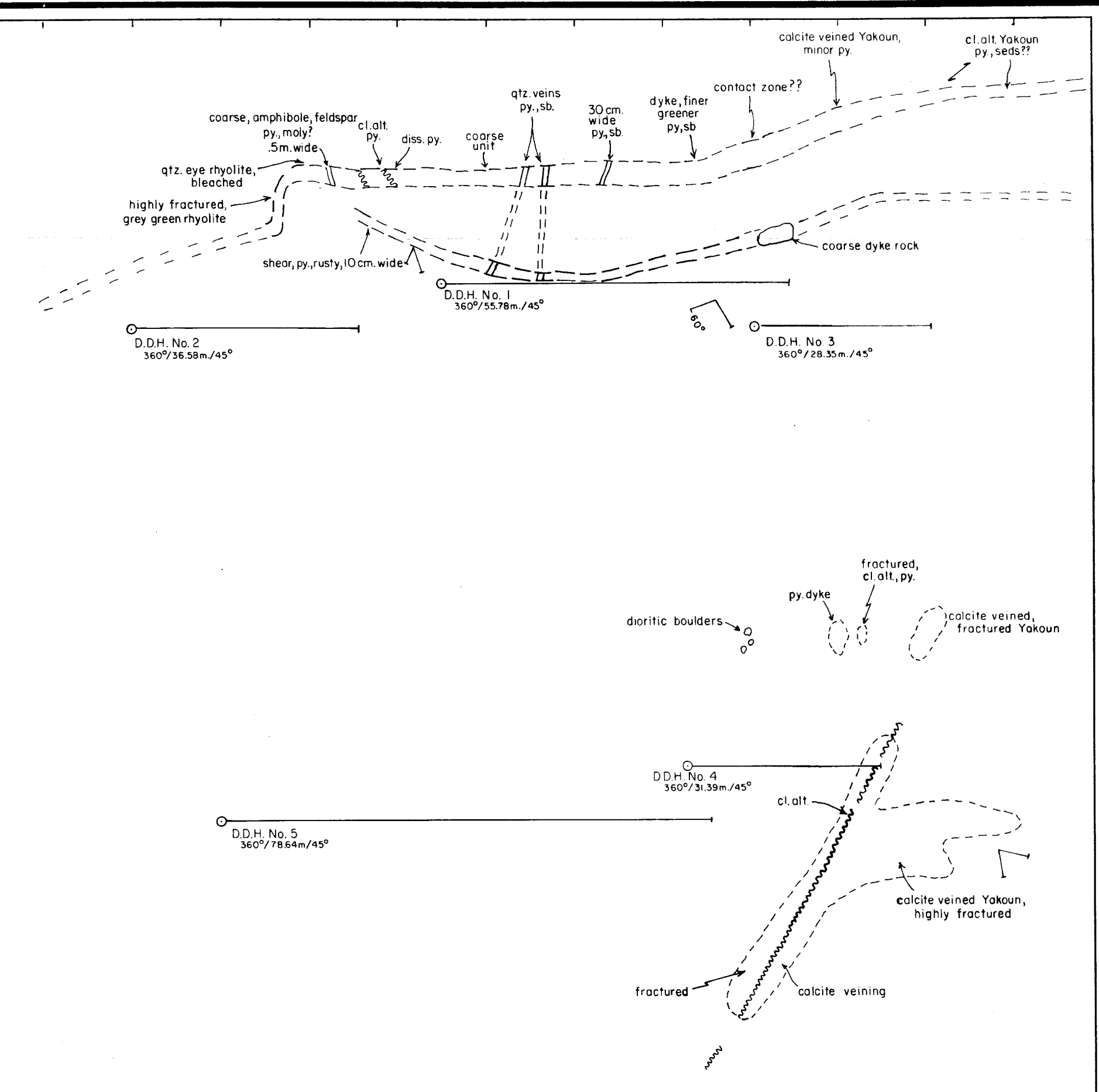
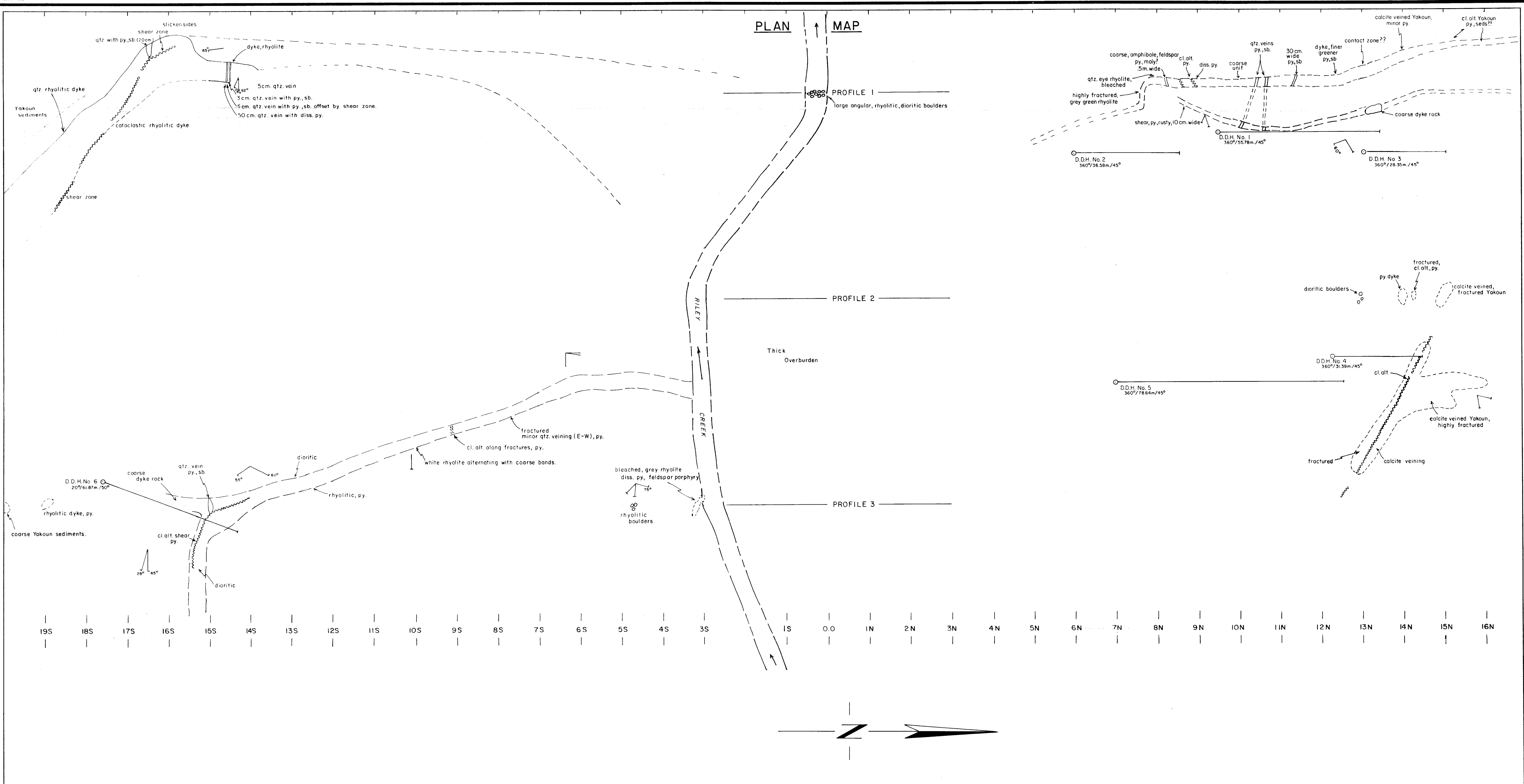
Author's Qualifications

I, Ian Nadeau of 2041 Vanness Avenue, Vancouver, B. C., hereby certify that:

- 1) I am a graduate of McGill University, Montreal, Canada, B.Sc. in Geology in 1976, and
- 2) I have practiced my profession as a geologist in 1976 for Seru Nucleaire, Montreal; in 1979 for Falconbridge Nickel, Quebec City, and for UMEX Inc. since March 1980.



IAN NADEAU

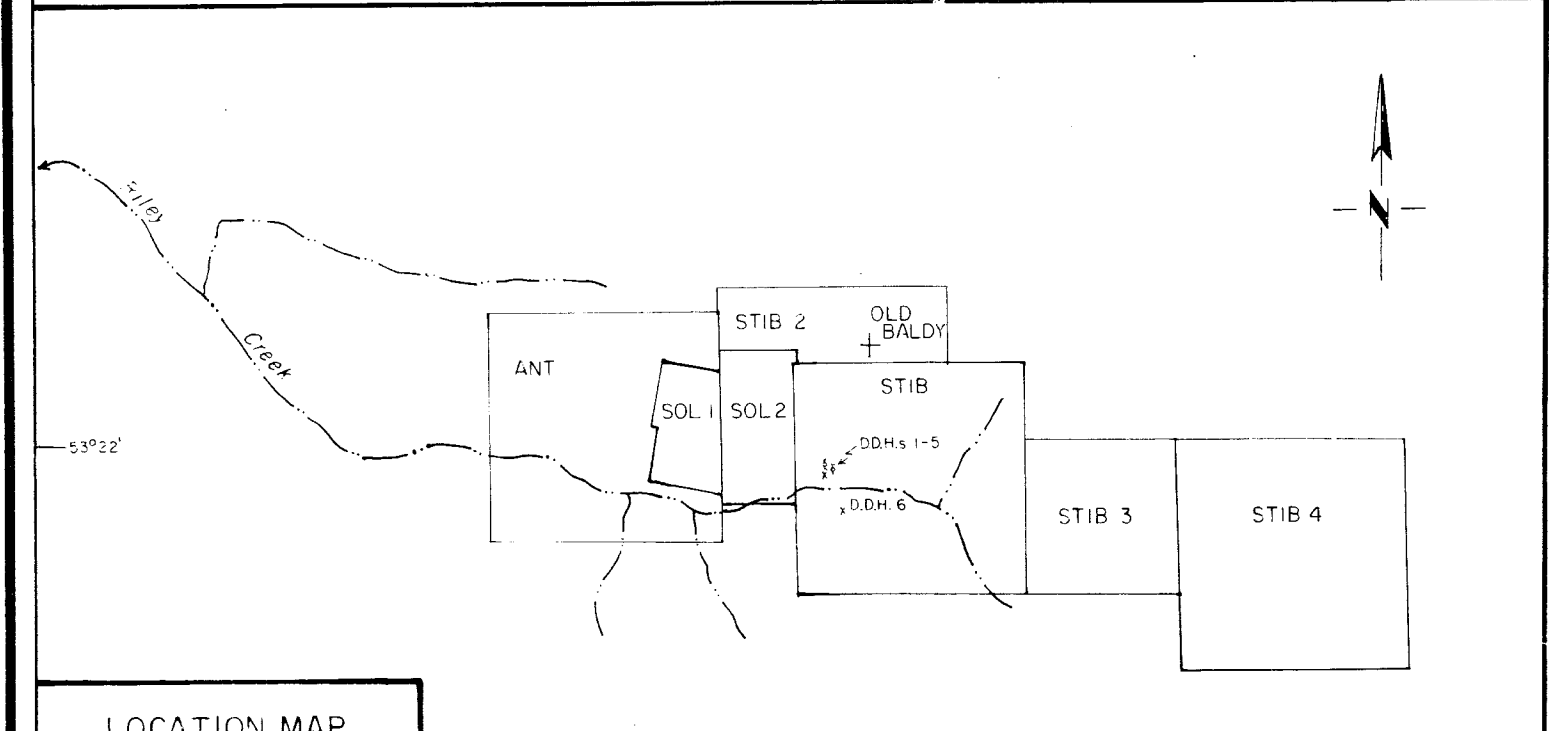


PROFILES



- LEGEND**
- qtz quartz
 - px pyrite
 - sb stibnite
 - cl,alt clay alteration
 - col calcite
 - dis disseminated
 - DDH Diamond Drill Hole
-
- diarite
 - breccia
 - Yakoun volcanics
 - overburden
 - shear zone
 - veining

9698



NOTE: Gold values greater than 5ppb are indicated to the right of the sections.

Figure No. 3

YAKOUN PROJECT - 1981
STIB CLAIM GROUP
GEOLOGY
and
DIAMOND DRILL HOLE
SECTIONS

N.T.S. 1:503/88

Scale: 0 5 10 15 20 metres 1:500

UMEX CORPORATION LTD.

DRAWN BY: H. Hume
 DATE: April/November 1981
 SURVEYED BY: I.N.A.C. DWG. No. 911

To accompany diamond drilling report on the Stib mineral claims, Skeena Mining Division, by I. Nadeau, dated October 1981.