BOB

821865

52°55' 123°37'

93B/13E

Assessment Data

Year	Assessment Report #	Work Done
1984	12,744	Geochem
1985	13,478	Geochem, Road Building, Trenching
1985	13,998	Percussion Drilling
1986	15,660	Reverse Circulation and Diamond Drilling

Work Done

1985 Percussion Drilling: 19 holes, 1169.7m

1986 Reverse Circulation Drilling: 13 holes
Diamond Drilling: 4 holes
Combination Reverse Circulation & Diamond Drilling: 3 holes

General Geology

Sediments

Attitudes and dips are quite variant, showing some evidence of folding

Conglomerate cliffs of NW Bob 2 claim overlain by somewhat folded sequence of sandstone, pebble sandstone, silstone and argillite, then another thick conglomerate unit

Quartz feldspar porphyry dykes

Rare
Few trend N-S, generally attitudes cannot be discerned
Generally <1m width

Hematite and limonite

Ubiquitous to the area but seem to have little correlation with more anomalous samples

Property Geology

15,660 **Interpreted Strat Section on Bob 2,3 Claims**

>15m	Bslt	Tertiary Miocene?	Basalt, weathered to dark red hematitic colour, fine grained
		unconformity	
>125m	C4	Lower Cretaceous (Skeena Gp)	Conglomerate with lesser Sandstone & Siltstone, quartzitic & chert pebbles in chert qtz (+/- fsp) groundmass, generally grey to white-grey coloured; weak limonite and hematite, massive to poorly bedded, minor sericite-silica cement.
thickest in NE 20-35m	A2		Argillite, dark grey-black, interbedded siltstone and minor sandstone, carbonaceous, well-bedded, flame structures
thickest in SW 80-160m	C3		Conglomerate similar to C4
	QFP		Quartz-feldspar felsic porphyry, feldspar phenocrysts altered to clay-sericite, =/- pyrite, fine grained sericitized felsitic groundmass
thickest in SW 20-40m	A1		Argillite -similar to A2
10-40m	Upper		Conglomerate, upper section: equal mass of conglomerate, sandstone, siltstone, which laterally grade to argillite
90-140m thickest in NE	C2 Lower *1		Conglomerate, lower section: mainly conglomerate with very minor sandstone, siltstone (see C4 description)
	*2	Contact often sheared and bleached with gouge zones[a]	
50-80m	*3 S1	Higher Hg values few Au values, chl, carb-qz vns	Siltstone, sandstone, minor conglomerate, pebbles of quartzite, chert, sandstone, and siltstone, green-purple coloured (chloritic and ferruginous) Upper S1 generally strong alteration: intense bleaching, silicification, pyritization (10-30m thick)
		Transitional contact	
>100m	C1		Conglomerate, sandstone, siltstone pebbles of quartzite, chert, sandstone, siltstone, generally grey-white coloured, green coloured when altered

[a] eg. DDH 86-20: C2-S1 intersection of 20% py, minor aspy over 0.43m; above the contact, the C2 conglomerate was silicified and pyritic, below th contact, S1 unit was highly bleached with veinlets of pyrite and minor arsenopyrite

Three auriferous horizons in lower Cretaceous clastic sediments, all associated with enhanced values in Hg, Ag, +/-Sb, +/-As:

***1.** 30m above C2-S1 contact
800 by 300m
generally <300ppb Au over 3.05m (up to 6.1m)thickness

***2.** Contact of C2-S1
400 by 250m
generally ~300ppb Au (up to values around 1000 ppb Au) over ~3.05m thickness
associated with Hg, As, +/-Sb, +/-Ag

***3.** 10-30m below C2-S1 contact
400 by 200m
best Au values associated with silicified sections of the S1 units
associated Hg, As, Ag, Sb

Structure

Fracture-joints, two major trends:
NNE trending, steeply dipping
ESE trending, steeply dipping

Alteration

Weathering; oxidation; zones of silica, clay, feldspar, carbonate; chlorite enrichment and various combinations

Age dating of alteration: by K-Ar
QFP: 54.9 +/- 2.0 Ma
SST: 64.8 +/- 2.3 Ma
===> Tertiary Paleocene epoch

Mineralization

Widespread pyrite (hematite and limonite if oxidized), with very minor arsenopyrite, stibnite and galena

Oxidation has variable effects up to 100m in bedrock

Results

12,744: Au, As soil anomaly West half of Bob 2 Claim
In outcrop: Minor surficial limonitic and hematitic alteration: no sulphide mineralization

13,478: Rock Samples

BOB2317	Cong	760 ppb Au, 1000 ppm As, 1.8 ppm Ag, 1550 ppb Hg, 43 ppm Sb
BOB2320	Boulder	135 ppb Au, 850 ppm As, 251 ppm Cu, 2050 ppb Hg
BOB2974	Cong	>1000ppm As, 7.9 ppm Ag, 1600 ppb Hg, 250 ppm Sb
BOB2489		4.8 ppm Ag, 1100 ppm Hg*, 100 ppm Sb, 75 ppb Au
BOB4067		780 ppb Au, 1000 ppm As, 16.0 ppm Ag, 2350 ppm Hg*, 140 ppm Sb
BOB4057		220 ppb Au, 1000 ppm As, 3.4 ppm Ag, 1100 ppm* Hg, 140 ppm Sb
BOB4058		130 ppb Au, 1000 ppm As, 4.4 ppm Ag, 1250 ppb Hg, 200 ppm Sb

* values in text given in ppm-should they be in ppb?

13,998: Percussion Drilling Samples

85-2

27.45-30.5m 20 ppb Au, 7.4 ppm Ag, 1000 ppb Hg
30.5-33.55m 15 ppb Au, 7.8 ppm Ag, 700 ppb Hg

85-6

91.5-94.55m 130 ppb Au, 1000 ppm As, 1750 ppb Hg, 44 ppm Sb

85-7

42.7-45.75m 0.018 oz/t Au (760 ppb), 6.8 ppm Ag, >1000 ppm As, 115 ppm Sb, 3250 ppb Hg
45.75-48.8m 0.045 oz/t Au (1650 ppb), 26.0 ppm Ag, >1000 ppm As, 315 ppm Sb, >5000 ppb Hg
48.8-51.85m 0.016 oz/t Au (620 ppb), 11.0 ppm Ag, >1000 ppm As, 190 ppm Sb, 3250 ppb Hg
51.85-54.9m 150 ppb Au, 3.2 ppm Ag, 600 ppm As, 60 ppm Sb, 1300 ppb Hg

85-10

9.15-12.2m 440 ppb Au, 0.9 ppm Ag
73.2-74.75m 170 ppb Au, 0.8 ppm Ag, 2100 ppb Hg
74.75-76.25m 500 ppb Au, 2.1 ppm Ag, 3000 ppb Hg
76.25-78.39m 360 ppb Au, 3.2 ppm Ag, 100 ppm Sb, 1950 ppb Hg

85-11

94.5-97.6m 3200 ppb Hg
100.65-103.7m >5000 ppb Hg

85-12

18.3-24.4m 200-220 ppb Au, 0.5 ppm Ag
85-13 9.15-12.20m 17.0 ppm Ag, 3500 ppb Hg
12.20-15.25m 240 ppb Au, 28 ppm Ag, 210 ppm Sb, >5000 ppb Hg
15.25-18.3m 6.8 ppm Ag, 4800 ppb Hg
18.3-21.35m 6.2 ppm Ag, 4900 ppb Hg, 160 ppm Sb
30.50-33.55m 0.07? oz/t Au (1250 ppb), 2.0 ppm Ag

33.55-36.6m 0.025 oz/t Au (340 ppb), 1.1 ppm Ag
36.6-39.65m 0.032 oz/t Au (1550 ppb), 1.6 ppm Ag
39.65-42.7m 0.016 oz/t Au (1150 ppb), 1.6 ppm Ag
42.7-45.7m 0.014 oz/t Au (540 ppb), 1.5 ppm Ag
51.85-54.9m 300 ppb Au, 1.5 ppm Ag
85.4-88.45m 440 ppb Au, 2.8 ppm Ag

85-14

27.45-30.5m 460 ppb Au
36.6-39.65m 520 ppb Au
45.75-64.05m 0.012-0.022 oz/t Au, 0.4-1.6 ppm Ag

85-15

9.15-12.20m 320 ppb Au, 6.9 ppm Ag

15,660: Reverse Circulation and Diamond Drill Samples

86-1

208.96-212.00m 2000 pppb Au/0.046 oz/t Au, 0.25 oz/ton Ag

86-2

15.25-18.30m 340 ppb Au/0.009 oz/t Au, 0.02 oz/ton Ag
33.55-36.60m 600 ppb Au/0.49* oz/t Au, 0.15 oz/ton Ag
[* is this a typo ?]

86-3

9.15-12.20m 380 ppb Au/0.013 oz/t Au, 0.030 oz/ton Ag
51.85-54.90m 400 ppb Au/0.012 oz/t Au, 0.013 oz/ton Ag
94.55-97.60m 360 ppb Au/0.012 oz/t Au, 0.06 oz/ton Ag
118.9-122.0m 420 ppb Au/0.012 oz/t Au, 0.17 oz/ton Ag

86-4

91.50-94.55m 1100 ppb Au/0.028 oz/t Au, 0.17 oz/ton Ag
100.65-103.7m 340 ppb Au/0.011 oz/t Au, 0.03 oz/ton Ag
118.9-122.0m 420 ppb Au/0.012 oz/t Au, 0.17 oz/ton Ag

86-6

33.55-36.60m 1350 ppb Au/0.042 oz/t Au, 0.15 oz/ton Ag
73.2-76.25m 900 ppb Au/0.025 oz/t Au, 0.02 oz/ton Ag

86-8

12.1-15.25m 500 ppb Au/0.018 oz/t Au, 0.09 oz/ton Ag
15.25-18.3m 500 ppb Au/0.022 oz/t Au, 0.25 oz/ton Ag

86-9

37.19-40.23m 860 ppb Au/0.027 oz/t Au, 0.07 oz/ton Ag
64.89-67.67m 300 ppb Au/0.010 oz/t Au, 0.17 oz/ton Ag

86-12

61.00-64.05m 540 ppb Au/0.014 oz/t Au
106.75-109.80m 320 ppb Au/0.011 oz/t Au
115.9-118.9m 640 ppb Au/0.035 oz/t Au, 0.14 oz/ton Ag

86-13

21.00-24.00m 400 ppb Au/0.015 oz/t Au, 0.08 oz/ton Ag
27.00-42.00m 160-1800 ppb Au/0.004-0.066 oz/t Au,
<0.02-0.33 oz/ton Ag

86-16

60.00-75.00m 1100-3500 ppb Hg

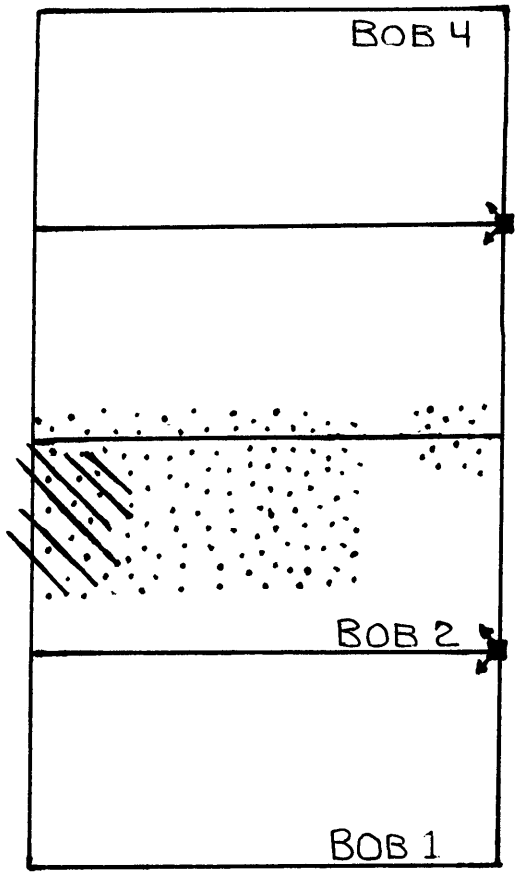
86-20

67.45-67.88m >10,000 ppb Au/0.318 oz/ton Au,
1.91 oz/ton Ag
74.20-77.16m 200 ppb Au/0.005 oz/t Au, 0.65 oz/ton Ag

(note, used t for the abreviation of ton--> is this correct?)

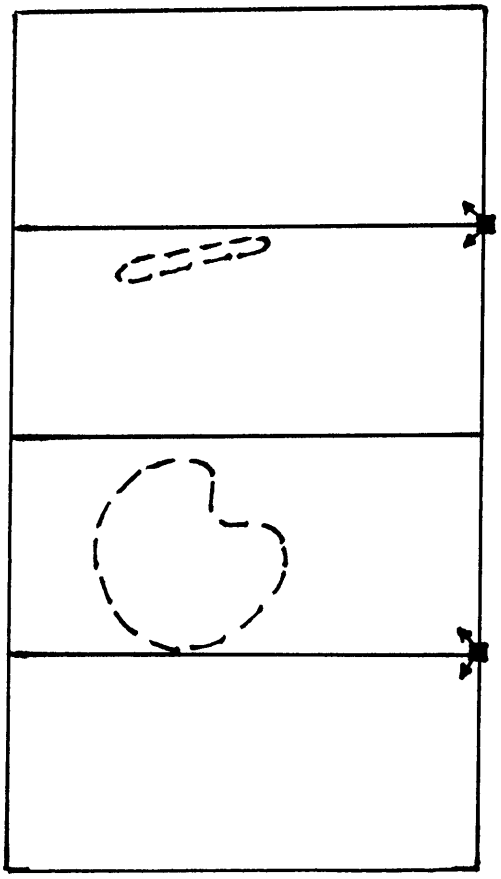
Miscellaneous

Drill Hole	Dip (°)	Azimuth (°)	Length (m)	Location (N)	(E)
85-1	-90	0	18.3	10566.79	8379.8
85-2	-90	0	33.55	10509.95	8250.03
85-3	-90	0	15.25	10458.3	8168.66
85-4	-90	0	30.5	10465	8084
85-5	-90	0	15.25	10530.85	8005.19
85-6	-60	268	94.55	10956.3	7819.5
85-7	-60	270	79.3	11187.3	7844.17
85-8	-65	266	6.1	11317.97	8528.58
85-9	-65	266	106.75	11317.97	8528.58
85-10	-66	270	78.4	11465.79	8256.84
85-11	-60	267	103.7	11463.95	8417.96
85-12	-60	265	106.75	11463.95	8473.32
85-13	-60	267	122.00	11893.0	8105.0
85-14	-65	270	70.15	11830.08	7980.82
85-15	-60	273	128.1	10980.58	8585.51
85-16	-90	0	36.6	old Baezaeko Rd (~L55N,21+77W)	
85-17	-90	0	30.5	old Baezaeko Rd (35m 320° from 53N,19+50W)	
85-18	-90	0	30.5	old Baezaeko Rd (150m E of 85-17)	
85-19	-90	0	68.63	old Baezaeko Rd (150m E of 85-18)	
RC 86-1	-66	273	152.4	11837.87	8248.01
DDH 86-1			60.96(152.4-213.36)		
RC 86-2	-66.5	270	152.4	11461.52	8313.97
RC 86-3	-66.5	272	152.4	11571.05	8266.5
DDH 86-3			64.62(152.4-217.02)		
RC 86-4	-66	269	152.4	11695.86	8266.72
RC 86-5	-65	270	138.68	11893.63	8422.63
RC 86-6	-65	270	152.4	11813.29	8019.91
RC 86-7	-65	270	135.64	11600.00	7911.61
RC 86-8	-65	266.5	152.40	11462.11	7947.02
DDH 86-9	-65	270	185.93	11890.25	8113.99
RC 86-10	-66	279	152.4	11403.77	8030.04
RC 86-11	-66	279	152.4	11230.69	7953.17
RC 86-12	-65	269	122.53	11069.60	8012.42
DDH 86-12			74.83(122.53-197.36)		
DDH 86-13	-65	270	106.68	11864.05	8001.13
RC 86-14	-65	267	152.40	11342.04	8309.13
RC 86-15	-65	266	103.63	10936.95	7720.56
DDH 86-16	-65	270	106.68	11720.45	7977.62
RC 86-17	-65	268	152.4	10966.46	8188.99
RC 86-18	-65	270	170.69	10972.65	8493.29
RC 86-19	-65	270	152.4	10533.82	8289.46
DDH 86-20	-67	090	167.64	11601.6	8003.90

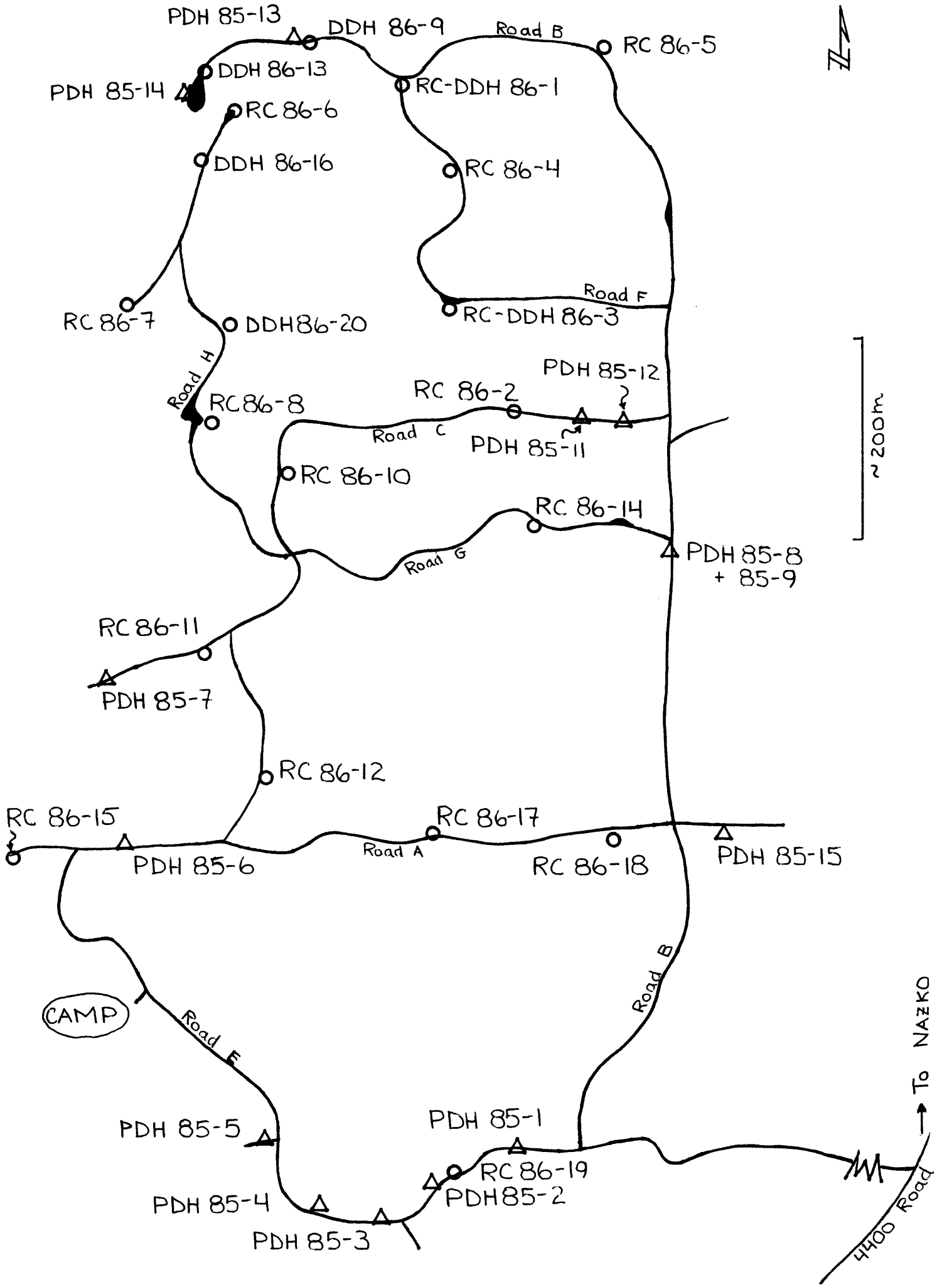


Area of outcrop

Anomalous geochem (1984)



Area of 1985 percussion drilling


PDH 85-13
DDH 86-9
Road B
RC 86-5
DDH 86-13
PDH 85-14
RC-DDH 86-1
RC 86-6
DDH 86-16
RC 86-4
Road F
RC 86-7
DDH86-20
RC-DDH 86-3
Road H
PDH 85-12
RC 86-2
RC86-8
Road C
PDH 85-11
~200m
RC 86-10
RC 86-14
PDH 85-8
+ 85-9
Road G
RC 86-11
PDH 85-7
RC 86-12
RC 86-15
RC 86-17
PDH 85-6
Road A
RC 86-18
PDH 85-15
CAMP
Road E
Road B
To NAZKO
PDH 85-5
PDH 85-1
RC 86-19
PDH 85-4
PDH85-2
PDH 85-3
4406 Road