

Field

M490
KING
DRILL LOGS
1980

841261

This was the rudiments of the 1980 King drill report to be completed by D.A. & W.A.H. It never was. Nor was work filed

D.A.

HISTORY

The first claims were staked in 1977 as a result of regional geological and 3-media geochemical prospecting by personnel of JMT Services Corp. High mercury and arsenic, and occasionally high gold values, had been detected on traverses through the area.

The property was optioned to Newmont Mines Ltd. who financed a low-density sampling and mapping program across claims King 1 to 3 in 1978, but then dropped their option.

In February 1979 Chevron Standard Ltd. entered into a similar agreement with JMT Services Corp., and is the current operator. Since that time additional surface geological and geochemical work have been carried out as well as a 22 hole (1880 m) percussion drilling program on claims King 3 and 4. The intention of this program was to evaluate the ground beneath the E. end of the largest and most coherent of the geochemical anomalies. The results were mainly negative, with the principal exception of one hole, (# 6) which yielded 1450 ppb Au in the bottom 3 m of the hole.

For more detail the reader is referred to the following assessment reports:

J. Christie, G. Richards

Report on Geology, Geochemistry and Economic Potential, King 1-3 Mineral Claims, 10 June 1978

J. Christie

Report on Percussion Drilling Program, King 1-9 and Gold Fever Claims, 15 January 1980

DIAMOND DRILLING

The 1980 drill program was designed to test the W. end of the major anomaly described above as well as other geochemical responses in combination with surface rock alteration and favourable structural features.

The work was carried out under contract by Globe Drilling Ltd. of Vancouver with a new Hydrawink diamond drill. The lightness of this equipment greatly facilitated the mainly helicopter-supported moves between sites, and in good ground it functioned well to the limit of available drill rods at a depth of 214 m.

The total of 953 m of BQ core was entirely split and later analysed by Bondar-Clegg and Co. Ltd. in Vancouver for Au, As, and Hg content.

The distribution of the holes is shown on Fig. 2, a general program summary on Fig. 3, and a background data on Figs. 4a and b.

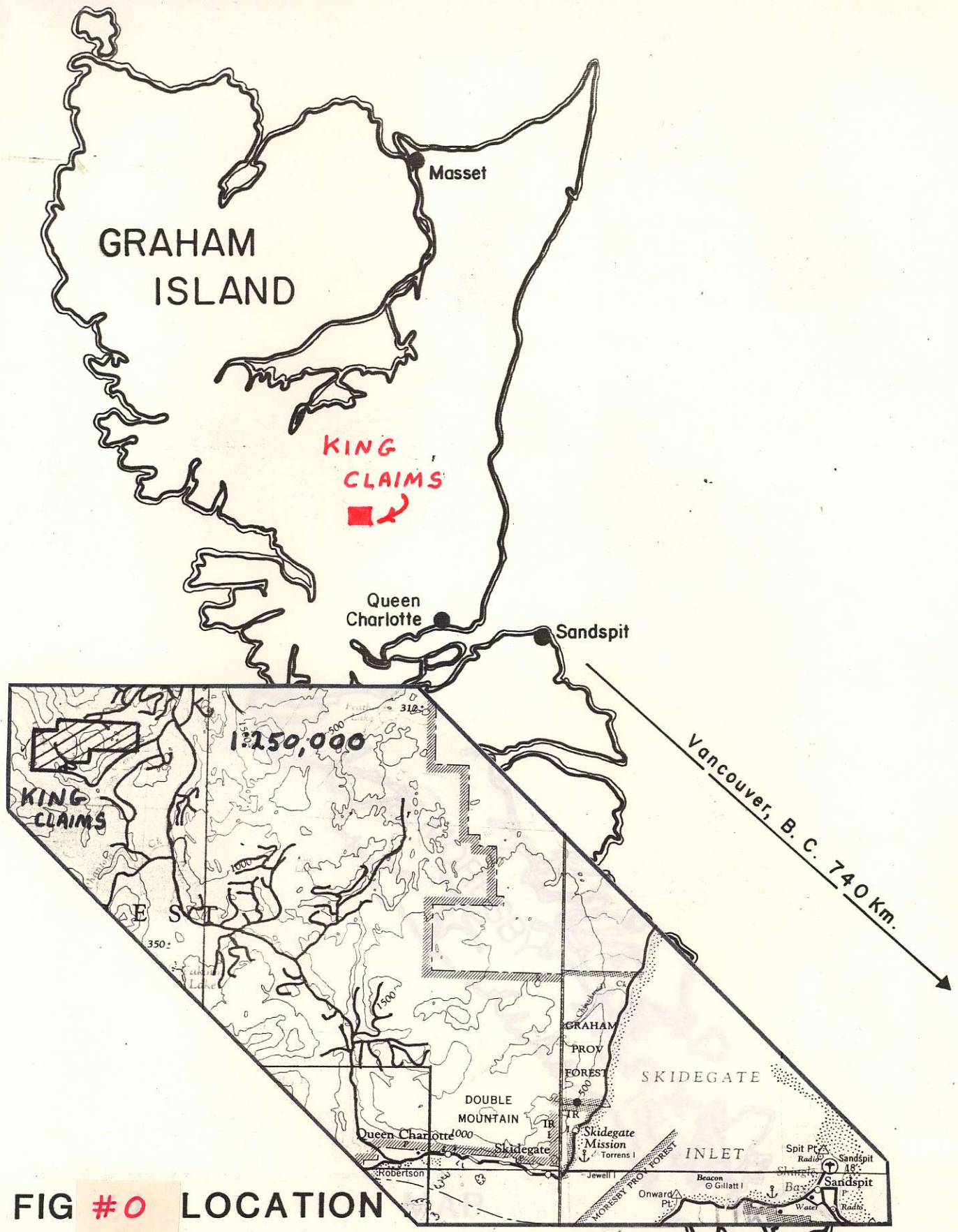
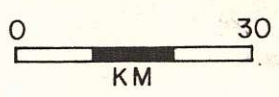
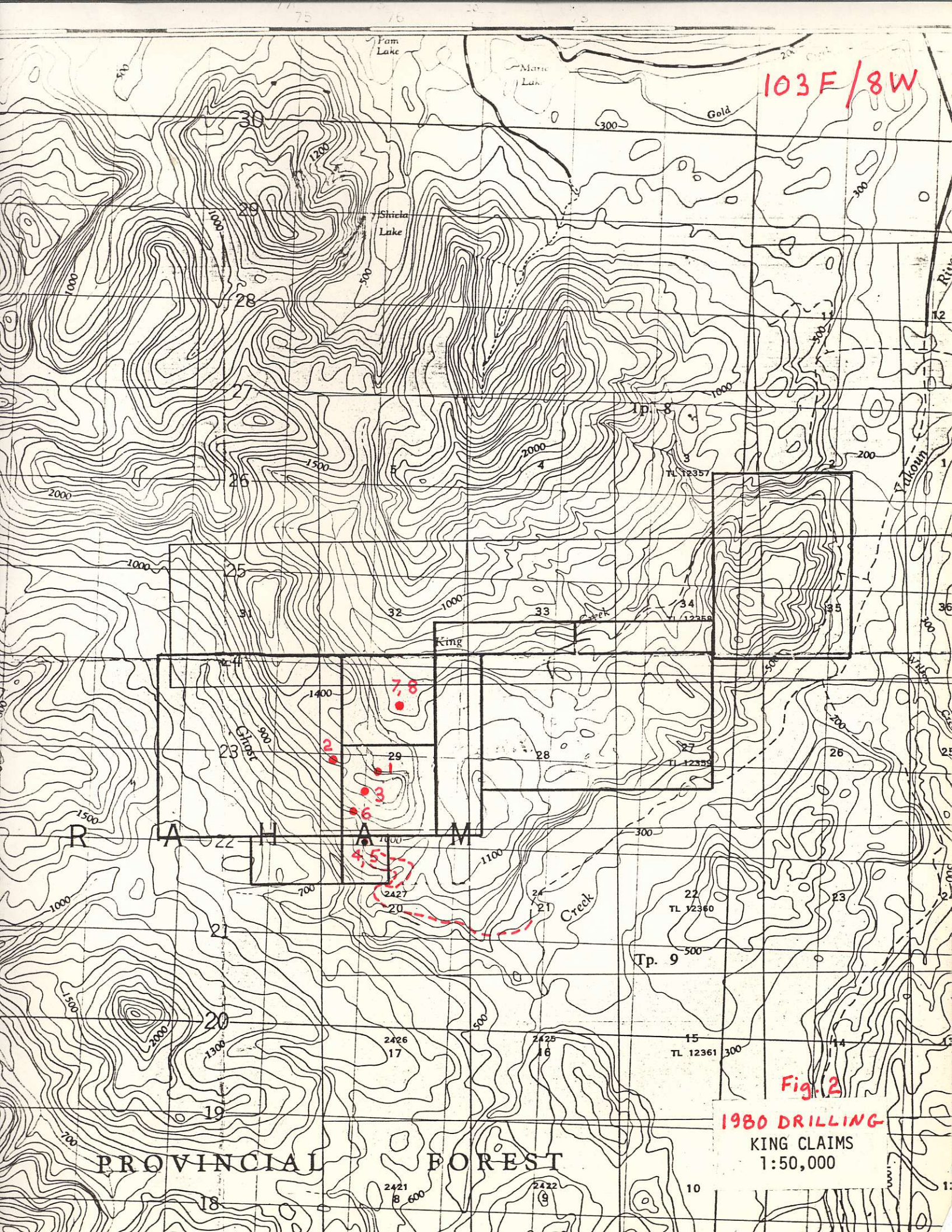


FIG #0 LOCATION QUEEN CHARLOTTE ISLANDS





103 F / 8 W

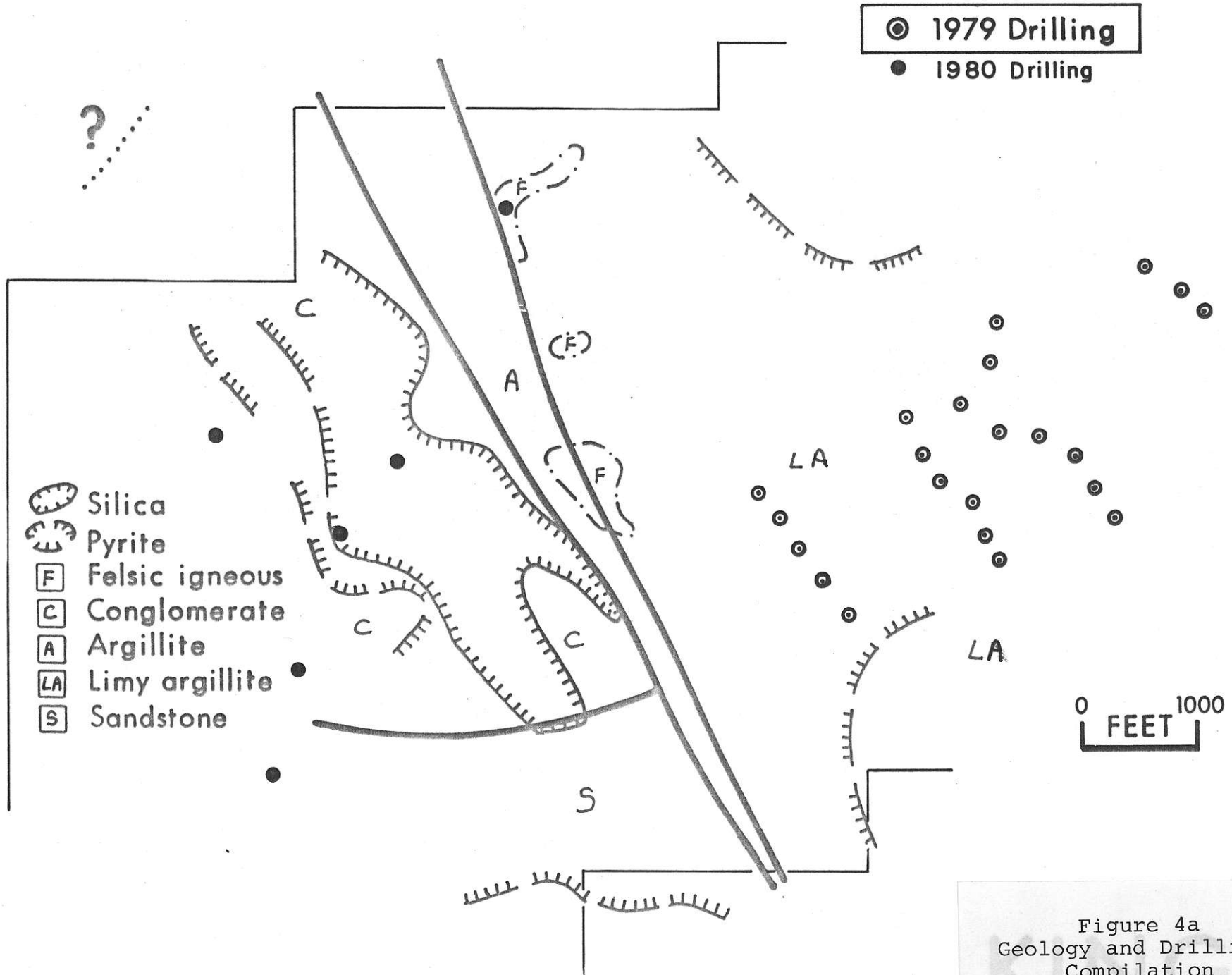
Fig. 2
1980 DRILLING
KING CLAIMS
1:50,000

Fig. 3

KING - 1980 DRILL PROGRAM SUMMARY

The 1980 BQ diamond drilling may be summarized as follows:

<u>Hole #</u>	<u>Length (m)</u>	<u>Target</u>	<u>Results</u> (Best intersections)
1	214	Highest rock and soil geochemistry Major NNE structure Pyritization and silicification	[Au 20 ppb over 3 m [Hg >2000 ppb over 30 m [As > 800 ppm over 37 m
2	214	Small strong Hg As anomaly Strong EW structure	[Au 50 ppb over 4 m [Hg >5000 ppb over 26 m [As 1000 ppm over 10 m
3	162	Hg anomaly near major NNE structure	[Hg > 5000 ppb over 20 m [As > 1000 ppm over 14 m
4	33	"Upstream" end of major transported Hg-As anomaly close to major NW trending structure	[Hg 750 ppb over 3 m
5	10	As for #4	Nothing anomalous
6	115	Strong Hg anomaly near major NNE structure	Au 40 ppb over 2.5 m Hg/As not anomalous
7	121	Area of strong feldspar porphyry dyking on major NNE and NNW structures	Nothing anomalous
8	84	As for #7	[Au 30 ppb over 3 m [Hg > 1000 ppb over 22 m

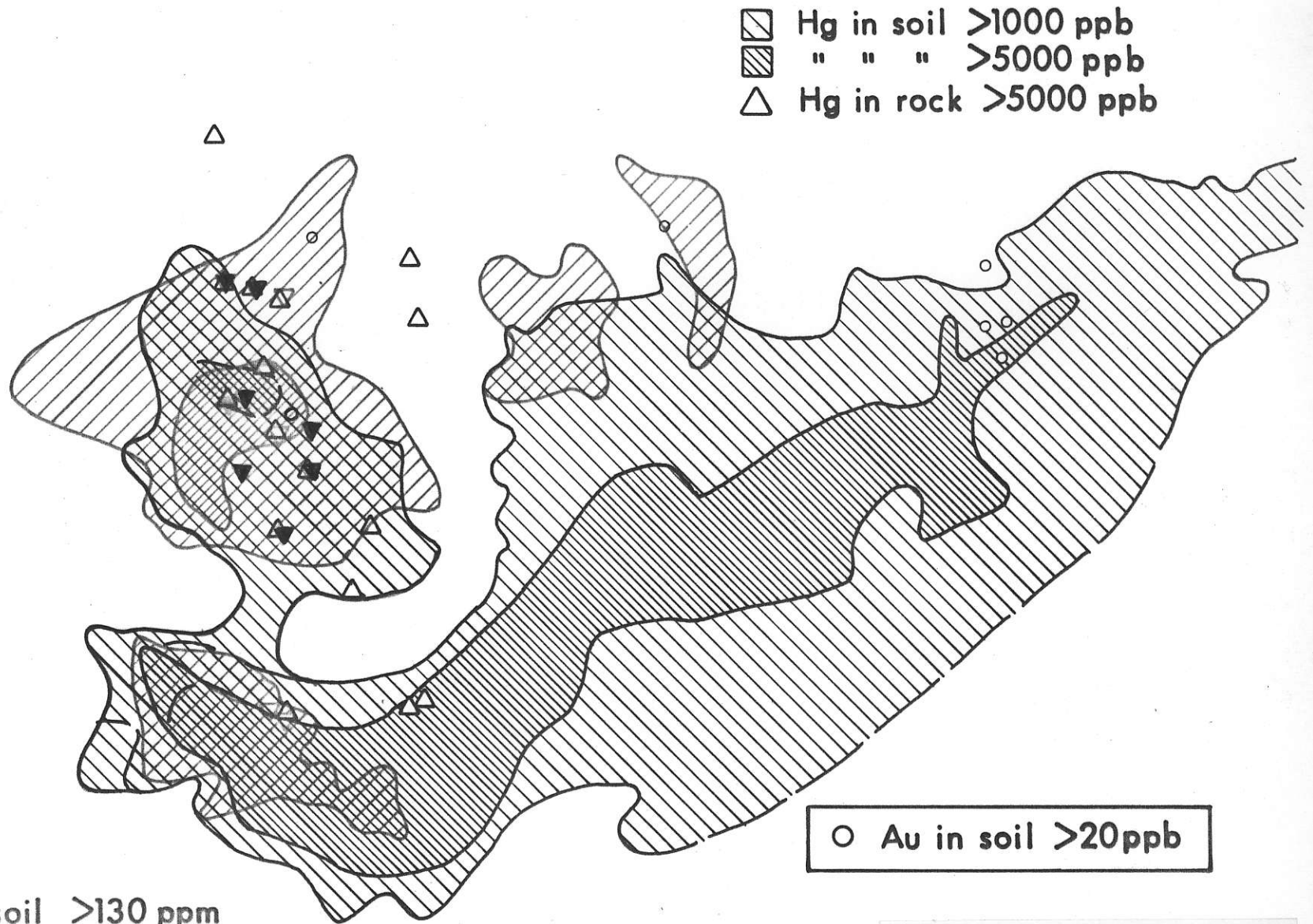


◎ 1979 Drilling
 ● 1980 Drilling

-  Silica
-  Pyrite
-  Felsic igneous
-  Conglomerate
-  Argillite
-  Limy argillite
-  Sandstone

0 FEET 1000

Figure 4a
 Geology and Drilling
 Compilation
 KING Claims



▨ Hg in soil >1000 ppb
 ▩ " " " >5000 ppb
 △ Hg in rock >5000 ppb

○ Au in soil >20ppb

▨ As in soil >130 ppm
 ▩ " " " >1000 ppm
 ▽ As in rock >200 ppm
 ▼ " " " >1000 ppm

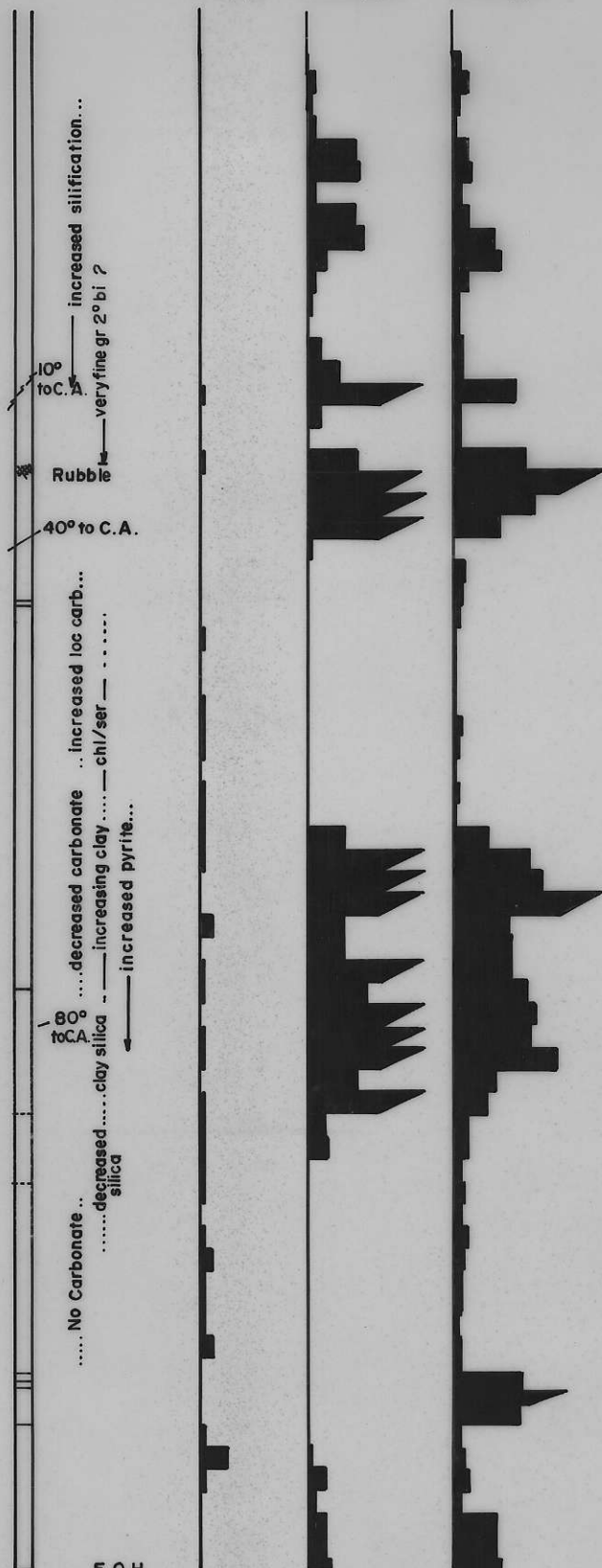
Figure 4b
 Geochemical Compilation
 KING Claims

0 Feet

Au
100ppb

As
1000 ppm

Hg
5000ppb



214.4 Ft.

E.O.H.



Dacite ^{to} rhyolite dykes



Andesite dyke



Conglomerate



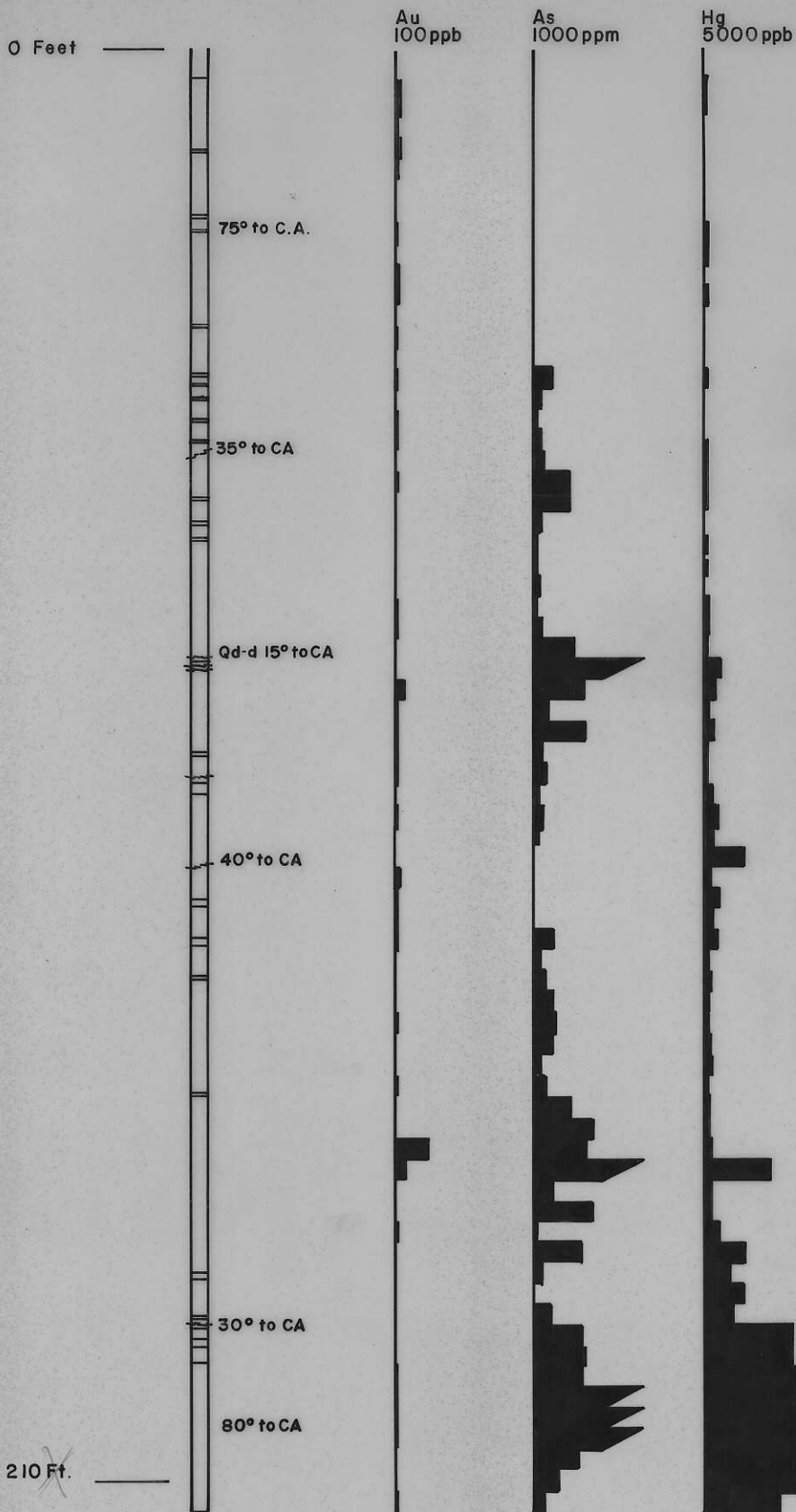
Sandstone








Agillite

0 5 10 15 20
SCALE METERS

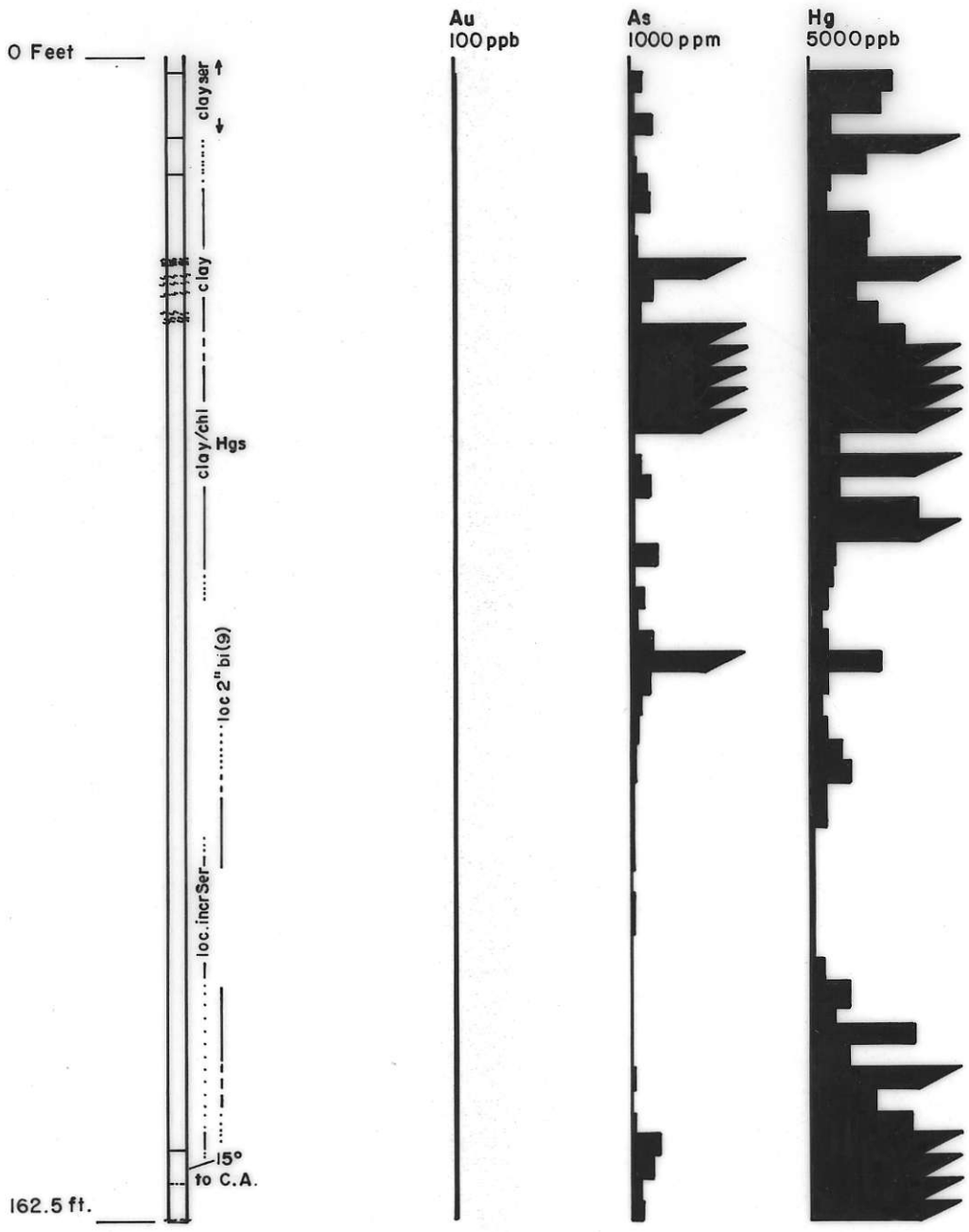
KING PROJECT Q.C.I.
D.DH 80-1



-  Dacite ^{to} rhyolite dykes
-  Andesite dyke
-  Conglomerate
-  Sandstone
-  Agillite

0 5 10 15 20
SCALE _____ METERS

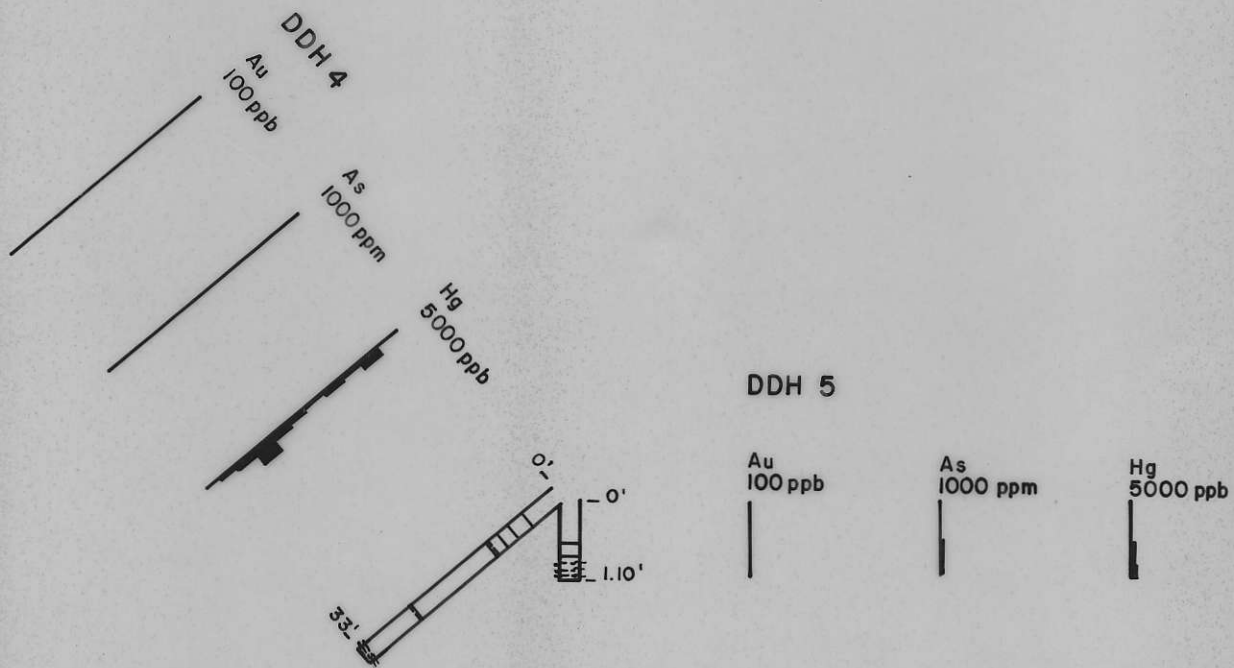
KING PROJECT Q.C.I.
D.DH 80-2.








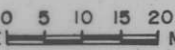
-  Dacite ^{to} rhyolite dykes
-  Andesite dyke
-  Conglomerate
-  Sandstone
-  Agillite

SCALE 0 5 10 15 20 METERS

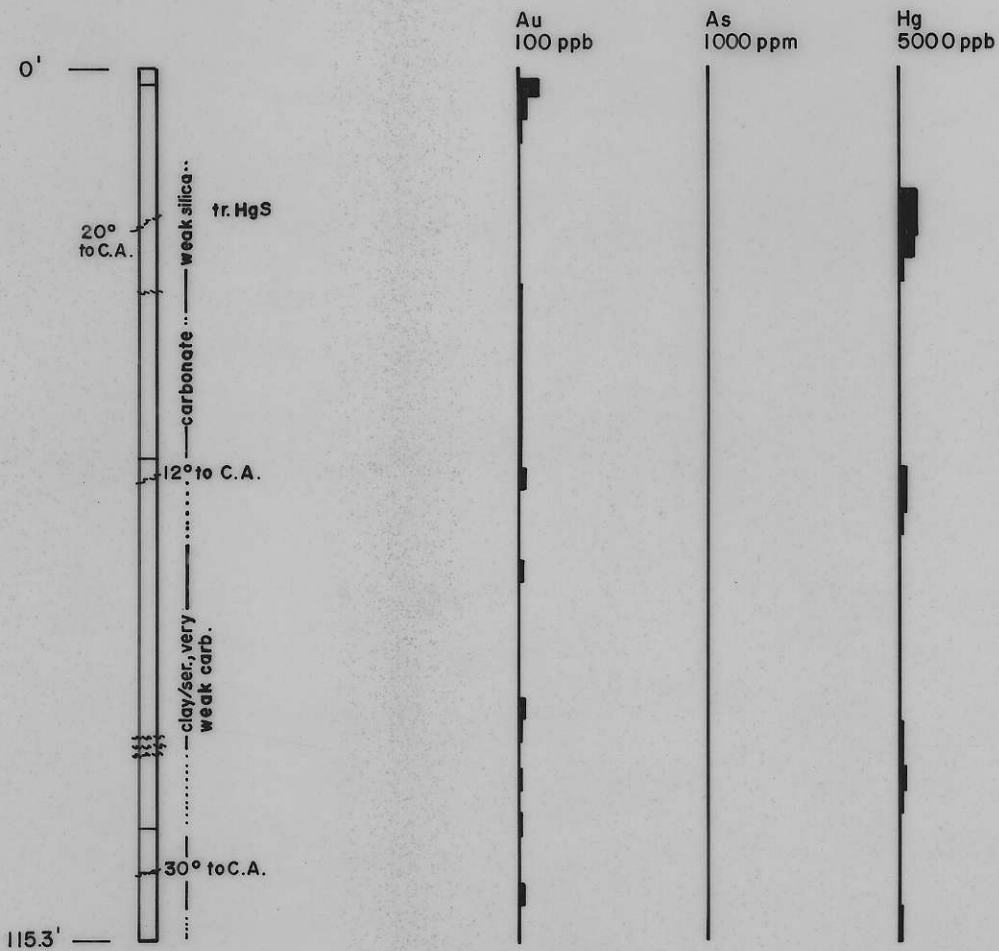
**KING PROJECT Q.C.I.
D.DH 80-3.**








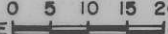
-  Dacite ^{to} rhyolite dykes
-  Andesite dyke
-  Conglomerate
-  Sandstone
-  Agillite

SCALE  METERS

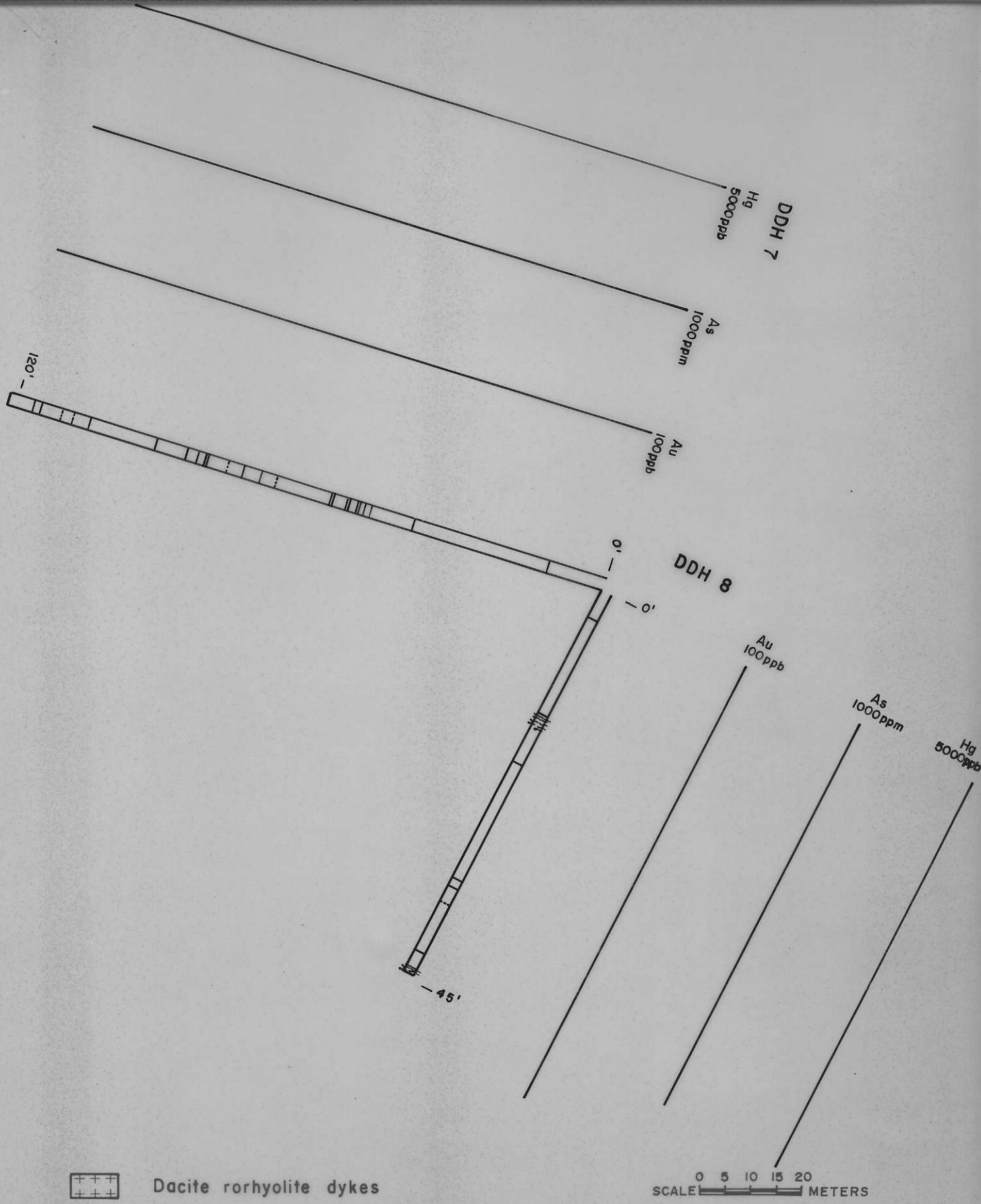
KING PROJECT Q.C.I.
D.DH 80- 4 & 5.








-  Dacite ^{to} or rhyolite dykes
-  Andesite dyke
-  Conglomerate
-  Sandstone
-  Agillite

SCALE  METERS

KING PROJECT Q.C.I.
D.DH 80-6.



-  Dacite rorhyolite dykes
-  Andesite dyke
-  Conglomerate
-  Sandstone
-  Agillite

0 5 10 15 20
SCALE METERS

**KING PROJECT Q.C.I.
D.DH 80-7 & 8.**

KING CLAIMS
1980 DIAMOND DRILLING
(20 May to 5 July 1980)

DRILL CONTRACT (Globe Drilling Ltd.)

<u>Invoice</u>	<u>Footage</u>	<u>Footage Cost</u>	<u>Auxiliary Costs</u>	
6 Jun/80	1407	\$ 25,326.00	\$	3,565.67
16 Jun/80	527	9,486.00		
26 Jun/80	542	9,756.00		14,615.00
7 Jul/80	<u>659</u>	<u>11,862.00</u>		<u>2,959.05</u>
	3135 (953m)	56,430.00	21,139.72	\$77,569.72

DRILL SUPPORT COSTS (JMT Services Corp)

LABOUR (Field only)

W. Howell, geologist, 46½ days
S. Courte, assistant, 11 days
G. Light, " 44 days

Total 101½ days

Average charge man/day \$125.91 Total labour cost 12,779.50

EXPENSES

Camp construction and hardware	\$3,314.62	
Food (incl. drillers)	6,545.00	
Truck rentals	2,628.00	
Expediting (S. Sawan)	880.13	
Freight	139.23	
Sites clearing (logger)	960.00	
Fuels and oil	1,332.74	
Airfares, ferries, taxis	604.40	
Telephone, misc.	100.84	
Hotels	<u>1,105.93</u>	\$17,610.89
Assays 305 core analyses (Au, As, Hg) (Bondar Clegg)		4,819.83

Helicopters (Queen Charlotte Island Helicopters)

<u>Invoice</u>	<u>Hours</u>	<u>Amount</u>		
20 May/80	1.5	\$ 529.50		
21 May/80	2.0	919.10		
28 May/80	2.2	873.40		
30 May/80	2.0	706.00		
31 May/80	1.1	388.30		
31 May/80	0.6	211.80		
2 Jun/80	2.8	988.40		
4 Jun/80	1.8	635.40		
1 Jun/80	1.0	353.00		
3 Jun/80	0.7	247.10		
6 Jun/80	1.2	423.60		
9 Jun/80	0.8	282.40		
10 Jun/80	7.1	2,506.30		
16 Jun/80	2.0	706.00		
22 Jun/80	4.1	1,447.30		
23 Jun/80	3.5	1,275.50		
28 Jun/80	1.2	423.60		
1 Jul/80	3.3	<u>1,350.10</u>		
		14,266.80 + 5%	\$14,980.14	
	Total Expenses		\$37,410.86	\$37,410.86

OTHER COSTS

Administrative (Chevron Standard Limited)	approx.	1,000.		
Camp tear-down (est)		1,000.		
Report (est)		700.		
Drafting (est)		<u>200.</u>		
		2,900.	<u>2,900.00</u>	
TOTAL PROGRAM COST			<u>\$130,660.08</u>	

Cost per foot, overall \$ 41.68
 Cost per metre, overall \$137.10

Notes:

1. Drill sites 1,2,3, and 6 required helicopter moves.
2. The campsite was used for holes 1, 2 and 3 when a change in site access and a shortage of water forced a move to hotel accommodation.
3. 2310 feet (or 74%) of the drilling was in good to excellent ground, and the remainder in extremely poor ground.
4. The average footage per shift, including moves and delays but excluding mobilization was approximately 43 feet.

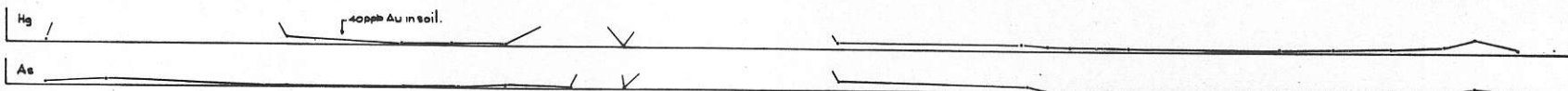
David Arscott

PROFILE #1.

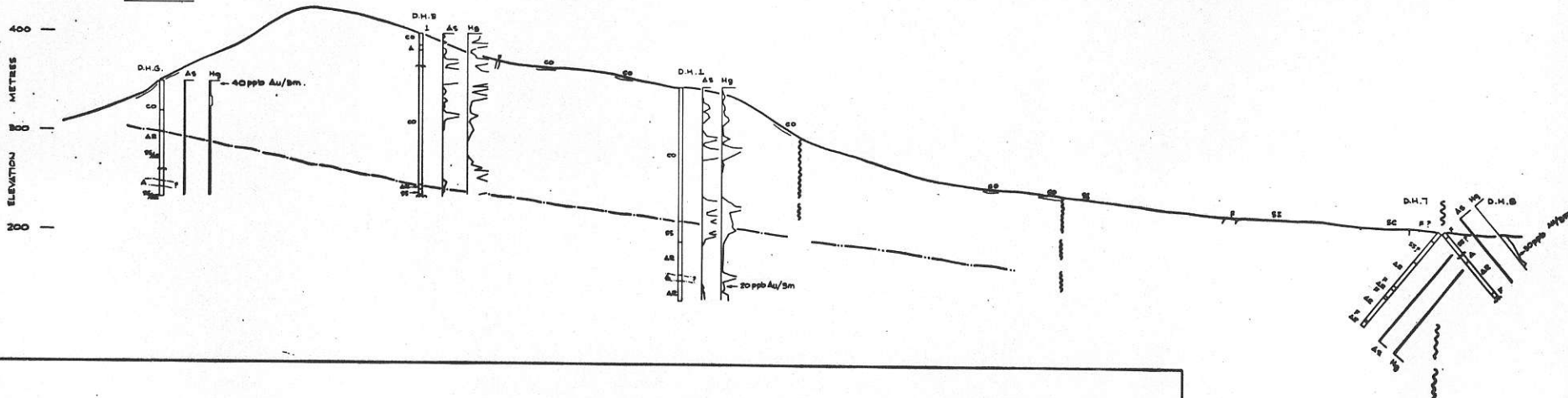
SOUTH

NORTH

ROCK SAMPLING



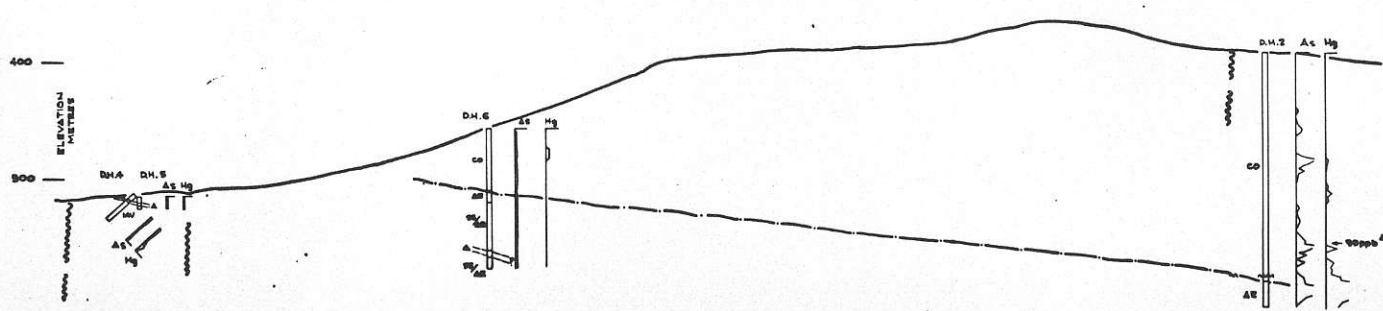
SUBSURFACE



PROFILE #2.

SOUTHEAST

NORTH WEST



GEOLOGICAL LEGEND

- CO = CONGLOMERATE
- SS = SANDSTONE
- SC = CHEST
- SI = SILTSTONE
- AS = ARGILLACEOUS SEDIMENT
- MU = MUDSTONE
- A = ANDESITE
- F = FELSIC INTRUSIVE

GEOCHEMICAL SCALES

- Hg, ppb
- As, ppm

0 50 100 m

Chevron Standard Limited
Minerals Staff

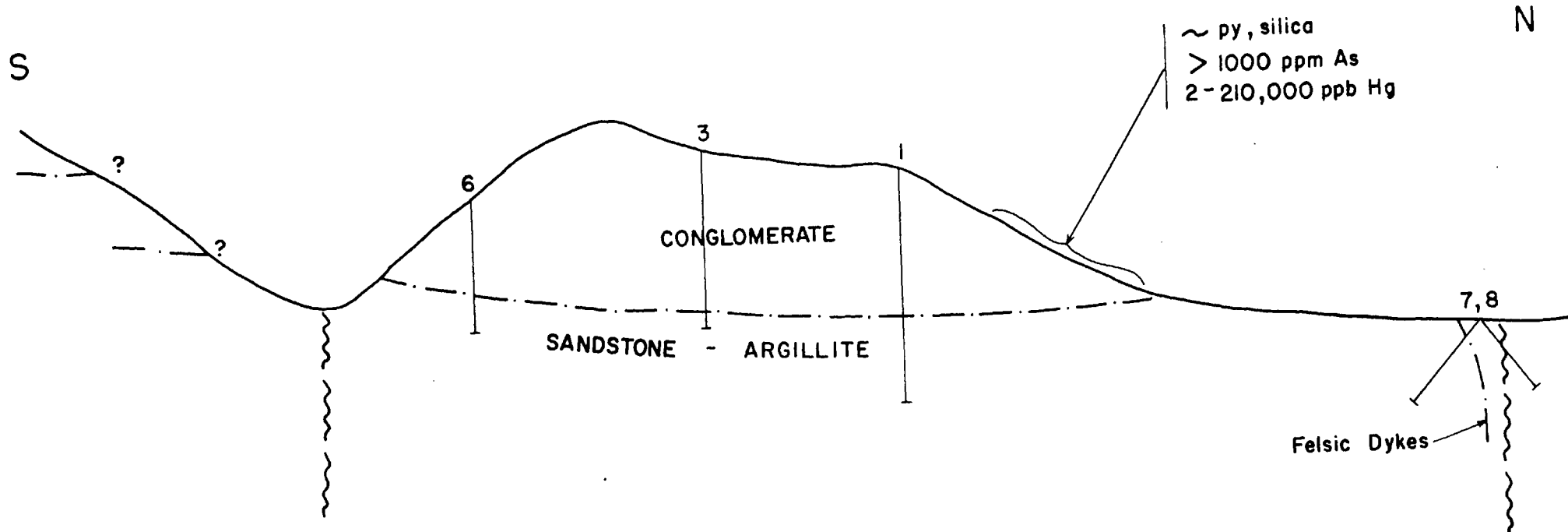
KING PROPERTY
1980 PROGRAM
DRILL HOLE PROFILES

FIGURE No. 6.		PROJECT No. M490	
DATE	OCT 1980	REVISIONS	SCALE
INTS No.			
COMPILED BY			

KING - 1980 DRILL PROGRAM SUMMARY

The 1980 BQ diamond drilling may be summarized as follows:

<u>Hole #</u>	<u>Length</u> (m)	<u>Target</u>	<u>Results</u> (Best intersections)
1	214	Highest rock and soil geochemistry Major NNE structure Pyritization and silicification	[Au 20 ppb over 3 m [Hg >2000 ppb over 30 m [As > 800 ppm over 37 m
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KING
0 200
metres

DIAMOND RILL RECORD

PROPERTY KING - M490 Queen Charlotte Island, B.C.

~~HOLE No.~~ 1980 DRILLING PROGRAM

DIP TEST		
Footage	Angle	
	Reading	Corrected

GENERAL COMMENTS ON ROCK TYPES AND LOGGING

Hole No. Sheet No. 1 Lat. Total Depth.
 Section. Dep. Logged By.
 Date Begun. Bearing Claim
 Date Finished. Elev. Collar. Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	<u>CONGLOMERATE</u>					
	Grey to green, multilithic. Pebbles are well rounded, average 2 cm in diameter, but occasionally reach 4 cm. They constitute 40 to 60% of the rock and it is occasionally almost matrix-supported. Pebble lithologies include granite, argillite, rhyolite, chert, quartz-diorite, limestone, and siltstone, more or less in that order but well-mixed and randomly sorted. The roundness often approaches sphericity. Angular fragments are rare and restricted to pebbles of sedimentary origin. The matrix is a grey sand of possibly similar constitution but the fragments are more angular. No bedding is evident. Changes across stratigraphy, except for sandy interbeds and alteration, are not obvious.					
	<u>SANDSTONE</u>					
	Grey, medium grained, and almost identical with the conglomerate matrix. Bedding is					

DIAMOND RILL RECORD

PROPERTY KING - M490 Queen Charlotte Island, B.C.

~~Hole No.~~ 1980 DRILLING PROGRAM

DIP TEST		
Footage	Angle	
	Reading	Corrected

GENERAL COMMENTS ON ROCK TYPES AND LOGGING

Hole No.	Sheet No. <u>2</u>	Lat.	Total Depth.....
Section.....	Dep.....	Bearing.....	Logged By.....
Date Begun.....	Elev. Collar.....	Claim	Core Size
Date Finished.....			

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	often weak or absent. Boundaries to conglomerate are clear but gradational.					
	<u>SILTSTONE</u>					
	Very thin bedded with grey and dark grey beds.					
	Local cross-bedding.					
	<u>SILICIFICATION</u> - is rated as follows:					
	w - Conglomerate breaks around pebbles, and is scratchable with a knife.					
	m - Conglomerate breaks through pebbles and is barely scratchable.					
	s - Very hard, straight breaking.					
	<u>CHLORITIZATION AND CLAY</u>					
	Crudely registered chlorite green - w, m and s and white colouration respectively.					
	<u>CARBONATIZATION</u> - is rated as follows:					
	w - occasional seams fizz with 10% HCl					
	m - pebble rims and seams fizz well.					
	Occasional carbonate veinlets.					
	s - Abundant fizzing and/or carbonate veining.					
	(Cont'd)					

DIAMOND RILL RECORD

PROPERTY KING - M490

HOLE No. 1

DIP TEST		
		Angle
Footage	Reading	Corrected

Hole No. 1 Sheet No. 1 of 5 Lat. Total Depth. 214.44 m
 Section. Dep. Logged By. W.A. Howell
 Date Begun. May 22, 1980 Bearing. Claim.
 Date Finished. May 27, 1980 Elev. Collar. Core Size. BO
 23' casing + shoe left in the hole

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 5.80 m	<u>OVERBURDEN</u>					
	Casing set at 7.02 m.					
5.80 - 72.90 m	<u>CONGLOMERATE</u>					
	Variably silicified, on the split core, initially ~50% of breaks occur across clasts and 50% around clasts. Fine disseminated pyrite is common in the matrix and as a clast component. Occasional clasts are very pyrite rich (10%), this pyrite may be primary or perhaps epigenetic, localized by compositional variation between clasts and matrix.					
	<u>12.51-13.12m</u> - Sandy lens, light grey in colour feldspar component is clay altered. Occ. fine biotite present, can total sulphide (¼ - ½%).					
	<u>13.12-52.47m</u> - Silicification increases from from about 13.12 m - knife will not scratch core easily and clasts break across rather than around. Pyrite is variable from ½ to 3%.					
	<u>13.12-63.75m</u> - Fine grained purple-brown					

DIAMOND RILL RECORD

PROPERTY KING - M490

HOLE No. 1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 1 Sheet No. 2 of 5 Lat. _____
 Section _____ Dep. _____
 Date Begun May 22, 1980 Bearing _____
 Date Finished May 27, 1980 Elev. Collar _____

Total Depth 214.44 m
 Logged By W.A. Howell
 Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
5.80 - 72.90 (Cont'd)	biotite is common throughout the matrix, occ. fine qtz stringers occur @ 24.40 m. Sparry calcite stringer occurs @ 42.09 m.					
	FAULT - SHEAR, 10° to C.A. @ 52.47 m. 63.75 m - Ground core/rubble - core is softer, lens silicified - core splits around 50% of pebbles.					
72.90 - 73.82 m	ANDESITE FELDSPAR PORPHYRY DYKE Upper contact is 40° to C.A., andesite con- tains about 1 - 2% very fine pyrite. Fractures within the andesite are also bitumen filled. (Bitumen fractures were observed in Haida? S.S. on Ghost Creek ~1.6 km upstream from Demon Creek during 1978 reconnaissance.)					
73.82 - 134.82m	CONGLOMERATE 73.52-82.36m - core is grey/green colour. Sandy lens @ 81.14-81.75. Med. silicifica- tion, pale green colour is attributed to fine grained matrix sericite. Sulphide con- tact is <<1% with little or no carbonate present.					

DIAMOND RILL RECORD

PROPERTY KING - M490

HOLE No. 1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 1 Sheet No. 3 of 5 Lat. _____
 Section _____ Dep. _____
 Date Begun _____ Bearing _____
 Date Finished _____ Elev. Collar _____

Total Depth 214.44 m
 Logged By W.A. Howell
 Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
73.82 - 134.82m (Cont'd)	82.36-97.00m - core is darker green, weakly carbonatized, chlorite more common, core splits across clasts. Py-marcasite is common.					
	97.00-112.86m - core is lighter green in colour, carbonatization is increased but is not strong, core splits across clasts, occ. clasts have a dark reaction rim on them.					
	112.86-134.82m - core became pale grey colour, carbonate is about non existent except with clay on fractures. Pyrite disseminated through matrix, increases locally to 1-2% and occasionally to 5%. Clay alt. increases to 134.82 m.					
	134.82m - As clay alt. increases, the incidence of v.f.g. py. on fractures, disseminated through the sandy matrix and as dark reaction rims on the pebble clasts increases.					
134.82 - 150.99m	SANDSTONE/GREYWACKE Bedding ~ 80° to C.A. (10° dips). Locally					

DIAMOND DRILL RECORD

PROPERTY KING - M490

HOLE No. 1

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 1 Sheet No. 4 of 5 Lat.
 Section..... Dep.....
 Date Begun..... Bearing.....
 Date Finished..... Elev. Collar.....

Total Depth..... 214.44 m
 Logged By..... W.A. Howell
 Claim.....
 Core Size..... BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
134.82 - 150.99m (Cont'd)	SS is brecciated with a dark sandy matrix. Fractures in the SS are bleached. Darker wispy beds are silicified. General alt. is clay/silica.					
150.99 - 161.06	SANDSTONE/ARGILLITE - interbedded. Core becomes darker coloured with initially small dark argillaceous bands increasing in frequency with depth. Core is less silicified than previously observed. Little or no carbonate present. Extremely v.f.g. sulphide is present but in quantities generally <<1%. Several beds of pyrite are present towards the lower part of this section. The pyrite is commonly massive over very thin beds and is occ. fracture controlled.					
161.06 - 187.75	ARGILLITE - with minor sandy interbeds. Grey-black in colour. Little or no carbonate. Rock is soft and friable, occasional-scarce-calcite stringer. Trace amounts of v.f.g. pyrite are common in sandy layers.					
(cont'd)						

DIAMOND DRILL RECORD

PROPERTY KING - M490

HOLE No. 2

DIP TEST		
		Angle
Footage	Reading	Corrected

Hole No. 2 Sheet No. 1 of 6 Lat. _____ Total Depth 214.44 m
 Section _____ Dep. _____ Logged By D. ARSCOTT
 Date Begun _____ Bearing Vertical Claim _____
 Date Finished June 3, 1980 Elev. Collar approx. 344 m. Core Size BQ

DEPTH	m.	DESCRIPTION	Silica	Carbonate	Pyrite	Chlorite	Clay
0 - 4		OVERBURDEN					
4 - 15.04		CONGLOMERATE					
		Occasional 4 - 11 m	m	w - m	w P R	m - s	-
		Epidote rich pebbles 11 - 15.04 m	w	m	w P	w - m	-
15.04 - 15.31		SANDSTONE	w	-	-	-	-
15.31 - 24.71		CONGLOMERATE	-	w - m	w P	m	-
24.71 - 24.98		SANDSTONE (Fine sand size)	-	-	-	-	-
24.98 - 26.66		CONGLOMERATE	-	w - m	w P	m	-
26.66 - 26.87		SANDSTONE - as before, but thin bedded with argillaceous seams. Bedding 75° to C.A. (core axis)	-	-	-	-	-
26.87 - 40.57		CONGLOMERATE Minor hematite on fractures at 39.2 m and 2-3 cm argillite beds(?) (39.1 m and 39.3 m) with bedding 45° and 70° to C.A.	-	w - m	w P	m	-
40.57 - 40.66		SANDSTONE	w	w	-	w	-
40.66 - 47.92		CONGLOMERATE	-	w - m	-	m - s	-
47.92 - 48.16		SANDSTONE	-	-	-	-	-
48.16 - 49.45		CONGLOMERATE	-	w - m	-	m	-
49.45 - 49.57		SANDSTONE	-	-	-	-	-
49.57 - 51.46		CONGLOMERATE	-	w - m	-	m	-

DIAMOND RILL RECORD

PROPERTY KING - M490

HOLE No. 2

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 2 Sheet No. 2 of 6 Lat. _____
 Section _____ Dep. _____
 Date Begun _____ Bearing _____
 Date Finished June 3, 1980 Elev. Collar _____

Total Depth 214.44
 Logged By D. ARSCOTT
 Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	Silica	Carbonate	Pyrite	Chlorite	Clay
51.46 - 51.55m	SANDSTONE. Very weak bedding at 40 - 45° to C. A.	-	m	-	m	-
51.55 - 54.39m	CONGLOMERATE	-	w - m	-	m	-
54.39 - 54.63m	SANDSTONE with 5% - 2 mm fragments	m	-	-	-	-
54.63 - 57.41m	CONGLOMERATE	-	m	-	-	-
57.41 - 58.87m	SANDSTONE (to SILTSTONE). Faint bedding at 45° to C. A.	-	m	-	m	-
58.87 - 59.18m	CONGLOMERATE	w	m - s	-	m	-
59.18m	MINOR FAULT? Carbon and pyrite on fracture 35° to C. A. Little or no core loss					
59.18 - 65.89m	CONGLOMERATE. 59.18 - 60.7	-	w	-	w	-
	60.7 - 65.9	w	m - s	-	m	-
65.89 - 66.19m	SANDSTONE. With rare pebbles.	m	w	-		
66.19 - 69.24m	CONGLOMERATE. Rare carbonate seams, 1 mm width, 40° to C. A. 68.63 - 69.4	-	m	w	w	-
69.24 - 69.94m	SANDSTONE	w	-	-	-	-
69.94 - 71.71m	CONGLOMERATE	m - s	m	wPR	w	-
71.71 - 72.14m	SANDSTONE. Clay or sericitized towards top. Large pebbles towards bottom.	-	-	-	-	w - m
72.14 - 89.44m	CONGLOMERATE. 72.14 - 75.7	w	w	-	-	-
	75.7 - 76.08	m	m	wP	w	-
	76.08 - 77.8	w	w	-	-	-
	77.8 - 79.0	-	w - m	-	m - s	-

DIAMOND DRILL RECORD

PROPERTY KING - M490

HOLE No. 2

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 2 Sheet No. 3 of 6 Lat. _____ Total Depth 214.44
 Section _____ Dep. _____ Logged By D. ARSCOTT
 Date Begun _____ Bearing _____ Claim _____
 Date Finished June 3, 1980 Elev. Collar _____ Core Size BQ

DEPTH	DESCRIPTION	Silica	Carbonate	Pyrite	Chlorite	Clay
72.14 - 89.44m (Cont'd)	79.0 - 81.63	m	m	-	m	-
	81.63 - 82.66	-	m - s	-	m - s	-
	82.66 - 84.28	w	w	-	w	-
	84.28 - 89.44	-	m - s	-	-	w
	½ cm carbonate vein at 84.86 m.					
89.44 - 89.74m	DYKE. Quartz diorite, barely porphyritic, strongly kaolinized. Upper contact is brecciated and sheared at 15° to C.A.	-	w	-	w	s
89.74 - 90.90m	?. Highly broken. Graphite on low angle shears. Partly conglomerate. .7m of core missing.	-	s	-	w	s
90.90 - 103.07m	CONGLOMERATE. Increasingly matrix-rich towards bottom.	-	m - s	-	-	m
103.07 - 103.71	SANDSTONE. With a few pebbles (8%)	-	-	-	-	m - s
103.71 - 107.52	CONGLOMERATE. Broken, 30% pebbles. Minor gouge at 106.9 m.	-	m - s	-	-	s
107.52 - 109.05	SANDSTONE	w	w	w - s	-	m
109.05 - 124.85	CONGLOMERATE. Small bituminous shear @ 119.6 m @ 40° to C.A.	m	w - m	mP	m	m
124.85 - 125.70	SANDSTONE. Rare pebbles to 1 cm diameter.	-	-	-	w	w
125.70 - 130.40	CONGLOMERATE. 5 mm carbonate vein at 10° to C.A. at 128.9.	-w	m	mP	s	

DIAMOND DRILL RECORD

PROPERTY KING - M490

HOLE No. 2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 2 Sheet No. 4 of 6

Lat.

Total Depth 214.44

Section.

Dep.

Logged By D. ARSCOTT

Date Begun.

Bearing.

Claim.

Date Finished June 3, 1980

Elev. Collar.

Core Size BQ

DEPTH	DESCRIPTION	Silica	Carbonate	Pyrite	Chlorite	Clay
130.40 - 131.19	DYKE, ANDESITE. Greenish grey, mildly porphyritic.	-	-	-	m	-
131.19 - 136.20	CONGLOMERATE. Low angle carbonate veining at 128.6 m	-	s	wP	w	m - s
136.20 - 136.50	DYKE. Crowded feldspar porphyry. White phenocrysts in dark grey matrix.	-	w	-	w	m - s
136.50 - 153.13	CONGLOMERATE. 136.4 m - 138.9 m	-	s	-	w	m - s
	138.9 m - 147.9 m	-	s	-	-	s
	Broken gougy 139.9 - 140.1 m, little or no core loss.					
	1 cm carbonate vein @30° to C.A. @141.9 m.					
	1 cm carbonate vein @25° to C.A. @144.0 m.					
	5 mm carbonate vein @50° to C.A. @144.1 m.					
	1 cm carbonate vein, splayed, @145.8 m.					
	147.9 - 157 m.	w	m - s	mPR	m	-
	2 mm carbonate vein @45° to C.A. @149.3 m.					
	2-2 mm carbonate vein @45° to C.A. @150.3 m.					
	151 - 153.1 m.	-	s	-w	-	m - s
153.13 - 153.4	SANDSTONE.	w	-w	-	-	-w
153.4 - 179.42	CONGLOMERATE. 153.4 - 155.1	-	s	-	w - m	w
	155.1 - 172.2	-	m - s	m-s V	-	s

DIAMOND RILL RECORD

PROPERTY KING - M490

HOLE No. 2

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 2 Sheet No. 5 of 6 Lat.
 Section Dep.
 Date Begun Bearing
 Date Finished June 3, 1980 Elev. Collar
 Total Depth 214.44
 Logged By D. ARSCOTT
 Claim
 Core Size BQ

DEPTH	DESCRIPTION	Silica	Carbonate	Pyrite	Chlorite	Clay
153.4 - 179.42 (Cont'd)	shear at 164.1 at 10° to C.A. has 4 mm carbonate and 1 cm pyrite. Strike on shear @ 40° to C.A.					
	3 mm carbonate vein @ 20° to C.A. @167.9					
	172.2 - 172.9	s	s	wP	w	-
	172.9 - 179.4	w	w - s	-	w	s
	Broken, pyritic-graphitic zone 175.1 - 175.5 m.					
179.42 - 181.34	SANDY CONGLOMERATE. 15 to 30% pebbles	w	w - m	wP	w	w
	1 - 3 cm in diameter, and otherwise typical.					
	4 mm carbonate vein @10° to C.A. @180.6 m.					
	2 mm carbonate vein @2° to C.A. @182.6 m.					
	unusually large (6 cm granite) pebble @ 183.9m.					
	5 mm carbonate vein @45° to C.A. @183.4 and 184.8 m.					
181.34 - 185.6	CONGLOMERATE	-	s	-	-w	m
185.6 - 185.77	SANDSTONE	w	-	-	-	m
185.77 - 186.9	CONGLOMERATE	-	w	-	-	s
	4 cm dyke? pale green, @186.7 @ 60° to C.A.					
186.9 m	CONTACT. @ 30° to C.A., with 1 cm carbonate vein and graphite. Strike @50° to C.A.					
186.9 - 187.14	DYKE. Rhyolite, white to grey with faintly porphyritic texture.	s?	w	-	-	m

DIAMOND DRILL RECORD

PROPERTY KING - M490

HOLE No. 2

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 2 Sheet No. 6 of 6 Lat.
 Section..... Dep.....
 Date Begun..... Bearing.....
 Date Finished June 3, 1980 Elev. Collar.....

Total Depth 214.44
 Logged By D. ARSCOTT
 Claim.....
 Core Size BQ

DEPTH	DESCRIPTION	Silica	Carbonate	Pyrite	Chlorite	Clay
187.14 - 189.18	CONGLOMERATE TO SANDY CONGLOMERATE. (15 to 40% pebbles) 5 cm section at 188.7 m has very coarse matrix (4 mm fragments). Grey clay filled 1 cm shear @85° to C.A. at 189.2 m.	-	s	mP	-	w
189.18 - 190.34	SANDSTONE. With probable subhorizontal bedding. slightly broken.	w	-	-	-	m - s
190.34 - 192.78	CONGLOMERATE. Somewhat sandy, 35 - 40% pebbles. Very small crowded (5 cm) feldspar porphyry dyke @192.4 m. Contact is 40° to C.S.	-	s	-	-	s
192.78m	CONTACT. Unexceptional. Little or no faulting. No evidence of unconformity.					
192.78 - 199.34	SILTSTONE. Bedding 80 to 90° to C.A. Coarse silt section 194.5 to 194.7 m.	-	-	wM	-	w
199.34 - 199.64	SANDSTONE. Grey to white, thin bedded, with thin grey silt beds. Bedding at 85° to C.A.	-	-	-	-	m
199.64 - 214.44	SILTSTONE. Occasional low angle graphitic (and in one case pyritic) shears. Pale grey mostly from 209.4 m onwards. Bedding 80° to C.A.	-	-	-wM	-	w - m
214.44 m	<u>END OF HOLE.</u>					

DIAMOND DRILL RECORD

PROPERTY KING - M490

HOLE No. 80-3

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 3 Sheet No. 6 of 7 Lat.
 Section Dep.
 Date Begun Bearing Vertical
 Date Finished June 8, 1980 Elev. Collar
 Total Depth 162.58 m
 Logged By W.A. Howell
 Claim
 Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	grey colour - increased sericite/clay, decreased chl., free silica remains about the same. Reaction rim clasts are very distinctive and may be as much as 1 cm wide on occasional clasts. Pyrite appears to be the only sulphide present and locally is up to 3% of the rock.					
152.52 - 157.09	MUDSTONE Dark grey to black bedding is variable (due to soft sed. deformation?) but dips of 15° appear commonly. Elongate rounded clasts up to 3 cm long are almost entirely very fine grained py. Pyrite is common in the mudstone matrix towards the bottom of the section, clasts of lighter sandy material appear and sulphide content of the rounded clasts diminish, similar non sulphide bearing clasts appear in lower sections (which lead to the conclusion that the sulphide is 2° and controlled by the conglomerate mudstone contact).					

DIAMOND DRILL RECORD

PROPERTY KING - M490

HOLE No. 80-3

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 3 Sheet No. 5 of 7 Lat.
 Section Dep.
 Date Begun Bearing Vertical
 Date Finished June 8, 1980 Elev. Collar
 Total Depth 162.58 m
 Logged By W.A. Howell
 Claim
 Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	colour is attributed to vfg matrix chlorite,					
	f.g. magnetite is also disseminated through					
	the rock. Occ. small biotite plates and					
	small books look fresh but are perhaps 2°,					
	sulphides are pyrite with minor marcasite					
	and are generally less than 1%. Occasional					
	clasts exhibit reaction rims, the orange					
	platy mineral is locally common and locally					
	looks jasperoid, occ. qtz stringers are					
	present (113.47m). A local section					
	~112.25 - 115.30 m is lighter colour due					
	to increased matrix ?sericite? and silica,					
	minor epidote is also common in this section.					
	Sandy section 128.72 - 129.33 m has sericitic					
	alteration. Below 122 m sulphide rims					
	on clasts become more common and more obvious.					
	Below 122 m sulphide content is generally					
	increasing, sulphide concentration in clast					
	reaction rims increases and the rims					
	become thicker and more intense.					
	<u>149.77-152.52m</u> - conglomerate becomes lighter					

DIAMOND DRILL RECORD

PROPERTY KING - M490

HOLE No. 80-3

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 3 Sheet No. 4 of 7 Lat. _____ Total Depth 162.58 m
 Section _____ Dep. _____ Logged By W.A. Howell
 Date Begun _____ Bearing Vertical Claim _____
 Date Finished June 8, 1980 Elev. Collar _____ Core Size _____

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	<u>54.91-96.09m</u> - pale grey green, less clay - more chlorite, sericite still common. A flat bladed orange crystalline mineral is not uncommon on occasional fractures. Silica is throughout matrix but is likely 1° reaction rims of dark material with extremely very fine grained sulphide are common. Occasional black fractures are obs. to be bitumen, e.g. 76.56m. 1 fracture at 56.74 m is epidotized and has fine grained CINNIBAR on the fracture. The unidentified orange mineral is a common minor constituent through to 81.75 m.					
	Matrix is locally darker grey colour 91.20 - 91.66 m and has increased vfg sulphide and vfg ?2° biotite?					
	<u>96.09-149.77m</u> - dark grey/green matrix is congl. rock becomes harder, quartz is common as "eyes" (relict matrix grains?) and matrix flooding. Matrix feldspar grains are glossy and 'fresh' looking. Green					

DIAMOND DRILL RECORD

PROPERTY KING - M490

HOLE No. 80-3

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 3 Sheet No. 3 of 7 Lat. _____ Total Depth 162.58 m
 Section _____ Dep. _____ Logged By W.A. Howell
 Date Begun _____ Bearing Vertical Claim _____
 Date Finished June 8, 1980 Elev. Collar _____ Core Size _____

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	commonly "dirty" looking, fractures are common. Matrix has a pale green appearance attributed to vfg sericite (not identified) and very fine silica. Fractures occasionally have silica films or are filled by silica.					
	vfg pyrite is not uncommon as a clast constituent but is rarely obs. in the sandy matrix. Locally the rock matrix becomes black and clasts are commonly bleached (the black matrix is reminiscent of the black matrix in the silicified congl. at Consolidated Cinola). The black colour is believed to be very fine sulphide but is only suggested under 20x except where the black colour is very well developed - e.g. 47.89 m and 50.64 - 50.94m. Dark "reaction" rims are common around clasts and darker section is likely mylonite in part. Clay alt. of clasts and matrix component is particularly evident in the section 50.94 - 53.38 m.					

DIAMOND DRILL RECORD

PROPERTY KING - M490

HOLE No. 80-3

DIP TEST		
		Angle
Footage	Reading	Corrected

Hole No. 3 Sheet No. 2 of 7 Lat.
 Section Dep. Total Depth 162.58 m
 Date Begun Bearing Vertical Logged By W.A. Howell
 Date Finished June 8, 1980 Elev. Collar Claim
 Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
	11.65m with occ. bitumen vugs. Reaction rims on pebbles are more common. They often include pyrite and occasionally qtz/py. Matrix sandstone contains up to 1% pyrite, alteration is estimated to be sericite/chl. but neither mineral is obvious and is assumed from pervasive colouration. Fracturing with minor slicks are sub parallel to C.A. as ~0° to C.A.					
	<u>25.43-28.67m</u> - grey colour - increased clay core becomes more broken, lower contact of section is arbitrary.					
	<u>28.06-28.67m</u> - ground core and rubble.					
	<u>28.67-28.98m</u> - sandy core, little recovery and rubble to 29.89 m very broken to 35.69m.					
	<u>35.69-36.91m</u> - extremely broken, poor rec'y - rubble.					
	<u>36.91-39.35m</u> - broken clay alt.					
	<u>39.35-39.65m</u> - rubble - powder.					
	<u>39.65-54.91m</u> - clay altered, becomes increasingly more competent rock, matrix is					

DIAMOND RILL RECORD

PROPERTY KING - M490

HOLE No. 80-3

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 3 Sheet No. 1 of 7 Lot. _____ Total Depth. 162.58 m
 Section. _____ Dep. _____ Logged By. W.A. Howell
 Date Begun. _____ Bearing. Vertical Claim _____
 Date Finished. June 8, 1980 Elev. Collar. _____ Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 2.44 m	OVERBURDEN					
2.44 - 11.65 m	CONGLOMERATE					
	Similar to previously described rock - see general description, alteration is vfg clay-sericite + silica, reaction rims are weak around pebbles. Matrix is buff-tan fine multilithic sandstone, rusty weathering on fractures is restricted to less than 8.5m depth. Py is observed primarily as fracture coating but is also in trace amounts as disseminations in the SS. Very occasional quartz veining is present, colour is grey-green.					
11.65 - 16.78 m	AMYGDALOIDAL ANDESITE DYKE					
	Grey green colour, fine matrix of dyke is alt. to sericite/qtz, amygdules rarely have pyritic rims. There appears to be an extremely very fine grained sulphide component to the ground-mass of the dyke. It is observed occasionally as bladed crystals (?ASpy?)					
16.78 - 152.52	CONGLOMERATE					
	16.78-25.43 m - grey green, similar to 2.44-					

DIAMOND RILL RECORD

PROPERTY KING - M490

HOLE No. 80-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 4 Sheet No. 1 of 2 Lat. _____
 Section _____ Dep. _____
 Date Begun _____ Bearing -51°/218°
 Date Finished _____ Elev. Collar ~ 1075'

Total Depth 33.07 m
 Logged By W.A. Howell
 Claim _____
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 5.49 m	OVERBURDEN					
5.49 - 7.93 m	SILTSTONE Rubble - 0 rec'y.					
7.93 - 8.54 m	ANDESITE DYKE Amygdaloidal - calcite amygdules ~.5% py. disseminated. Dyke is a vfg felted goundmass, it looks very similar to Haida SS except for the amygdules.					
8.54 - 33.07 m	SILTSTONE Grey, vfg, very friable, rec'y is very poor, drilling was extremely difficult. Core is fine rubble for the most part. Very shiny (?graphitic?) slickensides are evident throughout the section. 21.96-22.27m - competent light green fine sandstone. Occasional cylindrical vermicular marcasite up to 1 mm dia. and 1.5 cm in length is obs. in the siltstone. Very fine grained pyrite is locally common. 24.71-25.01m - Andesite - with carbonate stringers and diss. fracture pyrite.					

DIAMOND DRILL RECORD

PROPERTY KING - M490

HOLE No. 80-6

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 6 Sheet No. 1 of 3 Lat. Total Depth 115.3 m
 Section Dep. Logged By W.A. Howell
 Date Begun Bearing Claim
 Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 2.44	<u>OVERBURDEN</u>					
2.44 - 51.55 m	<u>CONGLOMERATE</u>					
	Chl. common, lower conglomerate has carbonate matrix. Core breaks around clasts and almost crumbles locally to ~17.67 m where it becomes harder with more matrix silica. Breaks occur across clasts, vfg. py 1-2% T.S. 20.74 m sheared and broken, 20° to C.A. core remains mod. hard with an occasional break around clasts. Sheared and broken @ 29.28-30.20 m rusty rubble has much f.g. qtz. Rock is hard to 35.08 m where again breaks occur around clasts. Rock continues similar to 51.55 m. Carbonate is present throughout the section but is noticeably weaker around the harder sections which appear to roughly coincide with shearing and rubble. A qtz. shear/stringer @ 20.68 m has minute amounts of Cinnabar along one boundary (25° to C.A.)					
51.55 - 100.66m	<u>ARGILLITE/SANDSTONE</u>					
	Interbedded, fine grained siltstone sulphides					

DIAMOND RILL RECORD

PROPERTY KING - M490

HOLE No. 80-6

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 6 Sheet No. 2 of 3 Lat. Total Depth 115.3 m
 Section Dep. Logged By W.A. Howell
 Date Begun Bearing Claim
 Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
51.55-100.66m (Cont'd)	3-10% locally, bedding shows soft sediment slumping but in general ~30° dips, locally, near contact, the rock has rounded pyrite clasts. Other mudstone clasts have minute lenses and blebs of pyrite.					
	57.96 m - bedding is dipping 50°, occasional irregular pyrite lenses conform to bedding.					
	61.92 m - bedding has 10-15° dips and becomes lighter in colour with increased fine S.S. and interbedded mudstone layers.					
	Throughout this section pyrite is common in disseminations and lenses, particularly in proximity with conglomerate - sediment contact.					
	Strong shearing @ 54.30 m, 12° to C.A. is friable mudstone.					
	Core remains interbedded grey, fine to medium grained S.S. and dark grey to black argillite.					
	Bedding is 75-80° to C.A. with crossbedding apparent. Fine black flecks in the S.S. are					

DIAMOND DRILL RECORD

PROPERTY KING - M490

HOLE No. 80-6

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 6 Sheet No. 3 of 3 Lat.
 Section..... Dep.....
 Date Begun..... Bearing.....
 Date Finished..... Elev. Collar.....

Total Depth 115.3 m
 Logged By W.A. Howell
 Claim
 Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
51.55-100.66m (cont'd)	either one of bitumen or fine grained argillite, both are present, Occasional beds have argillite clasts in the S.S. Py. is variably disseminated and runs between .5 and 1.5%. The rock is competent, scratches with a knife and is very weakly effervescent with HCl. An occasional fracture is calcite healed and commonly exhibits minor offsets. These fractures are usually @ 25 to 35° to C.A.					
	89.37-90.90 m - brecciated argillaceous section, pyrite and bitumen coat fragments.					
100.66-106.15m	<u>GREY ANDESITE DYKE/SILL</u> Weathers to buff/tan colour with streaked out amygdules. Dyke is chl/serc. altered with minute to trace amounts of py. The upper dyke contact is conformable to bedding, lower contact is broken and sheared 30° to C.A.					
106.15-115.30m	<u>GREY SANDSTONE & BLACK ARGILLITE</u> Interbedded - similar to previously described.					
115.30 m	<u>END OF HOLE</u>					

DIAMOND RILL RECORD

PROPERTY KING - M490

HOLE No. 80-7

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 7 Sheet No. 5 of 5 Lot.....
 Section..... Dep.....
 Date Begun..... Bearing.....
 Date Finished..... Elev. Collar.....

Total Depth..... 121.4 m
 Logged By..... W.A. Howell
 Claim.....
 Core Size..... BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
108.74 - 111.03m	BRECCIATED HORNFELS No sulphide except as rims on occasional calcite stringers.					
111.03 - 115.33m	BLACK ARGILLITE Weakly, locally hornfelsed along occasional fracture. vfg diss. sulphides throughout. T.S. ~2%.					
115.33 - 116.58m	QUARTZ DYKE Grey/brown colour, occasional tan blebs with qtz/calcite along fractures. Sulphide content variable as disseminations and occasional fracture coating. T.S. less than 1%.					
116.58 - 121.4 m	BLACK ARGILLITE Friable, no hornfelsed effects. Very sheared in appearance similar to section 111.03 - 115.33 m. T.S. ~2% - vfg diss. sulphide.					
121.4 m	END OF HOLE					

DIAMOND RILL RECORD

PROPERTY KING - M490

HOLE No. 80-7

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 7 Sheet No. 4 of 5 Lat. _____ Total Depth 121.4 m
 Section _____ Dep. _____ Logged By W.A. Howell
 Date Begun _____ Bearing _____ Claim _____
 Date Finished _____ Elev. Collar _____ Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
81.29 - 81.50 m	AMYGDALOIDAL DACITE (TYPE II) Chilled margins, occasionally about 3 cm wide.					
81.50 - 83.58 m	ARGILLITE Black soft.					
83.58 - 85.50 m	DACITE DYKE Brecciated, fragment of Type II in a pale but similar rock.					
85.50 - 91.81 m	Both matrix and clasts are amygdaloidal. @ a lighter portion (?matrix type) has locally abundant py. as blebs and disseminations [this second section (87.8 - 91.8), appears to be a late stage intrusive along the earlier brecciated section and likely creating the brecciated portion].					
91.81 - 105.45m	ARGILLITE Green/black, friable, mod. broken, vfg diss. sulphide is common. T.S. ~1%, broken core has the appearance of every surface being slickensided or sheared.					
105.45-108.74 m	HORNFELSED ARGILLITE					

Hornfelsing is variable locally, probably follows bedding.

DIAMOND DRILL RECORD

PROPERTY KING - M490

HOLE No. 80-7

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 7 Sheet No. 3 of 5 Lat.
 Section..... Dep.....
 Date Begun..... Bearing.....
 Date Finished..... Elev. Collar.....

Total Depth 121.4 m
 Logged By W.A. Howell
 Claim
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
55.52 - 55.79 m	DACITE DYKE Similar to previous plus small qtz "eyes". Also pyrite is a little more common - ~1.5%. The dyke has well developed calcite margins in the argillite.					
55.79 - 67.26 m	ARGILLITE Generally less broken but still very friable occasional sandy lens - beds are ~30° to C.A. T.S. ~1% increasingly sheared and broken <i>64.9-67.2</i>					
67.26 - 70.1 m	HORNFELSED ARGILLITE Very hard, has been broken and "healed", pyrite is 2-5% commonly on fractures.					
70.1 - 74.03 m	DACITE DYKE (TYPE II) Very fine grained hard, dark grey moderately effervescent. Amygdaloidal. T.S. less than 1% but py/cpy are both present.					
74.03- 77.17	HORNFELSED ARGILLITE Hard competent, pyrite is less abundant (2.3%) than previous hornfelsesed section.					
77.17 - 81.29	ARGILLITE Black soft poor bedding? ~30° to C.A.					

DIAMOND RILL RECORD

PROPERTY KING - M490

HOLE No. 80-7

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 7 Sheet No. 2 of 5 Lat.
 Section Dep.
 Date Begun Bearing
 Date Finished Elev. Collar

Total Depth 121.4 m
 Logged By W.A. Howell
 Claim
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
47.95-49.42 m (cont'd)	Competent fine fractures containing dark brown (bitumen?), colouration may also have pyrite.					
49.42 - 50.12 m	SANDY ARGILLITE Very broken.					
50.12 - 50.94 m	DACITE DYKE Pale tan colour clots of calcite may be amygdules but have vague rims, carbonate is common to plentiful. Pyrite is present as clots and dissemination. Total sulphides are 1 - 3% contacts with the argillite are irregular about 30° to C.A. Pyrite is locally more abundant near chilled portions of the dyke.					
50.94 - 52.47 m	ARGILLITE Very crumbly - sheared and broken, extremely fine grained pyrite is disseminated and locally concentrated on fractures. T.S. is up to 1%.					
52.47 - 52.86	DACITE DYKE Similar to 50.12 - 50.94 m.					
52.86 - 55.52	ARGILLITE					

Rubble particularly @ 53.4 m

DIAMOND RILL RECORD

PROPERTY KING - M490

HOLE No. 80-7

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 7 Sheet No. 1 of 5 Lat.
 Section Dep.
 Date Begun Bearing
 Date Finished Elev. Collar
 Total Depth 121.4 m
 Logged By W.A. Howell
 Claim
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 11.59 m	OVERBURDEN					
11.59 - 39.11 m	GREY SANDSTONE					
	Dark grey to black sheared. No consistent attitude to shear and slick planes. Despite <i>reticulate shear planes</i> , core is intact, but very friable. Carbonate is common along fractures and to a lesser degree in the matrix. Chl/clay are very common within the S.S. Core becomes less sheared and more friable @ ~ <u>23.5 m</u> . Apparent dips are 30°.					
	A very distinctive bright green mineral ?chl? comprises 15 to 20% of the sand grains, little or no sulphide.					
39.11 - 47.95 m	BLACK ARGILLITE					
	Weak carbonate content, soft, friable, bedding is 40° to C.A. Fine stringer of tan coloured mineral (not carbonate), very minor effervescence of core with HCl. Parting planes of split core are almost slickensided surfaces.					
47.95 - 49.42m	SANDSTONE					
	Pale green soft clay/sericite, 1% py or less,					

DIAMOND DRILL RECORD

PROPERTY KING - M490

HOLE No. 80-8

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. 8 Sheet No. 1 of 2 Lat.
 Section..... Dep.....
 Date Begun..... Bearing.....
 Date Finished..... Elev. Collar.....

Total Depth 83.58 m
 Logged By W. A. Howell
 Claim
 Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
0 - 6.15 m	OVERBURDEN (of casing and shoe left in hole - casing unscrewed when removing casing - core prevented screwing on again)					
6.15 - 27.45 m	SANDSTONE Dark green, chloritic. Similar to unit described in Hole 7 (11.59-39.11 m and 47.95-49.42 m).					
27.45 - 30.66 m	SHEARED AND BROKEN BLACK ARGILLITE Clast of grey SS @ in the sheared argillite.					
30.66 - 37.98 m	ANDESITE DYKE Grey green colour, occasional calcite dyke, upper contact is pyritized in amygdale like blebs rimmed with calcite..					
37.98 - 63.60 m	SHEARED AND BROKEN BLACK ARGILLITE Rubble core - very shiny slickensided faces.					
63.60 - 66.44 m	APLITIC DYKE Whitish grey, occ. calcite amygdale and bitumen filled vug. No sulphide.					
66.44 - 68.78 m	BLACK ARGILLITE					

Rubble with interbedded sandy zones.

