1982 DRILL PROGRAM

KING #2 CLAIM

GHOST CREEK, QUEEN CHARLOTTE ISLANDS, B. C.

53°26'N 132°21'W

SKEENA MINING DIVISION 103 F/8W

Owner:

Chevron Canada Limited

Operator: Chevron Standard Limited

T. Sandberg December 15, 1982

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#### INTRODUCTION

Three holes, totalling 333 m, were drilled on the KING property between October 13 and October 21, 1982. The drill used was a JK Smit 300, powered by a Deutz 4 cylinder deisel engine, and NQ wireline equipped. The holes are as follows:

Hole No.	<u>Aximuth</u>	Plunge	Total Depth (m)
K-82-1	070°	-59°	85.34
K-82-2	060°	-54°	167.34
K-82-3	240°	-42°	80.46
			333.14

The objective of the drilling was to locate disseminated gold mineralization. The entire core was split, and analyzed for Au and As.

#### LOCATION

The King property is located at 53°26'N 132°21'W on Graham Island, approximately 800 km northwest of Vancouver (see Fig. 1).

#### ACCESS

The area drilled is accessible by helicopter or by a one hour drive (32 km) from Queen Charlotte City plus 45 minutes walking. The road access is via the MacMillan Bloedel mainline and the Ghost Creek tributary (see Fig. 2).

#### CLAIMS

The following claims, all registered in the name of Chevron Canada Limited, and held under option from JMT Services Corp., comprise the King property:

	Record No.	Record Date	No. of Units
King #l	455	November 1, 1977	4
2	447	October 13, 1977	4
3	448	October 13, 1977	4
4	1180	March 19, 1979	15
5	1181	March 19, 1979	1
6	1182	March 19, 1979	2
8	1750	September 27, 1979	3
9	1751	September 27, 1979	3
10	2178	March 5, 1980	20
11	2698	December 2, 1980	18
12	2699	December 2, 1980	18
13	2700	December 2, 1980	18
Gold Fever	1752	September 27, 1979	12
		To number of units	122

#### DISCUSSION

The generalized geology of the King property is shown in Fig. 3. The eastern third of the property is underlain by limy shales of the Upper Triassic to Lower Jurassic Kunga Formation. The western half consists of pyroclastic andesites and associated sandstones of the Jurassic Yakoun Formation, overlain unconformably by sandstones of the Upper Cretaceous Haida Formation and intermediate volcanics of the Tertiary Masset Formation. The area of interest, the central part of the property, consists of Cretaceous sandstone overlain by a cap of conglomerate of the Upper Cretaceous Honna Formation.

The lithologies are cut by a series of faults and intruded by dykes of probable Tertiary age. Geological and geochemical surface work from 1977 to 1979 outlined a major zone anomalous in Hg and As, and to a small extent in Au.

Previous percussion and diamond drilling work carried out in 1979, 1980 and 1981 indicated that the best values in As and Hg were concentrated at the lower contact of the conglomerate capping the hill between Ghost and King Creeks. Comparisons of holes 80-1, 80-2 and 80-3 indicated that the width of a zone of clay alteration at the base of the conglomerate increased in an easterly direction. It was decided to drill a series of holes in this area (see Fig. 4) to test the hypothesis that a northerly trending fault was the conduit for Au, As and Hg mineralizing solutions. The solutions rising along the fault would spread out along the base of the conglomerate, resulting in a gold bearing silicified zone surrounded by an argillic halo. It was hoped that the drilling would penetrate the silicified zone.

The 1982 drill holes (see Fig. 5) intersected conglomerate with minor interbedded sandstone, heavily sheared and faulted thinly bedded sandstone, and several green amygdaloidal dykes. Zones of moderate to intense clay alteration and blackish alteration of the conglomerate matrix were observed well above the conglomerate/sandstone contact and clearly not associated with the dykes.

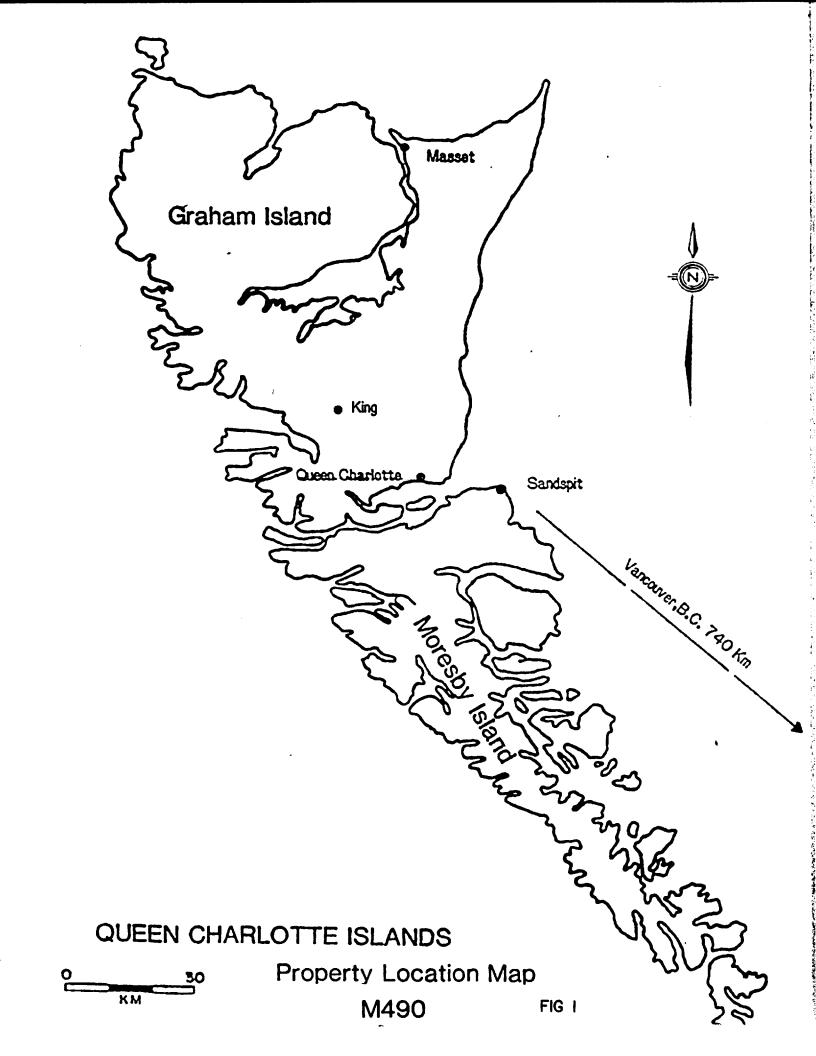
Geochemical analysis showed arsenic values up to 6000 ppm associated with the altered zones in the conglomerate. The only gold value greater than 30 ppb was a value of 280 ppb associated with a graphitic shear zone in the sandstone (see Fig. 6).

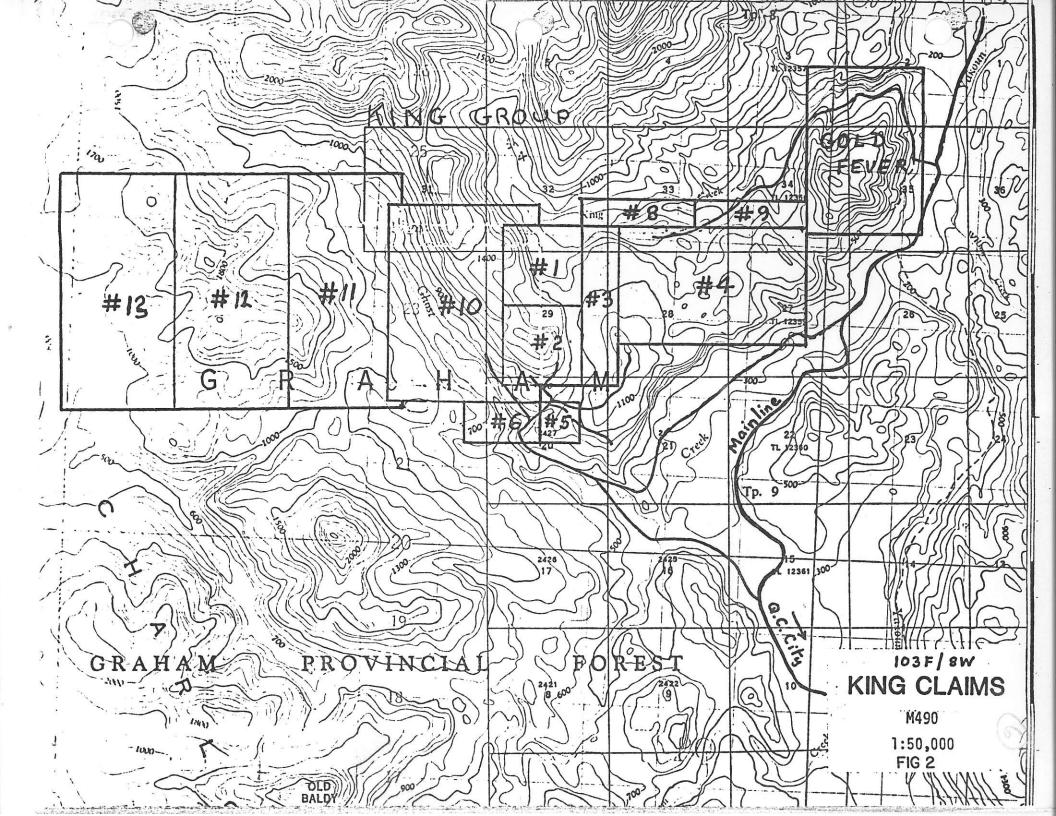
No silicification was found, nor any significant gold values.

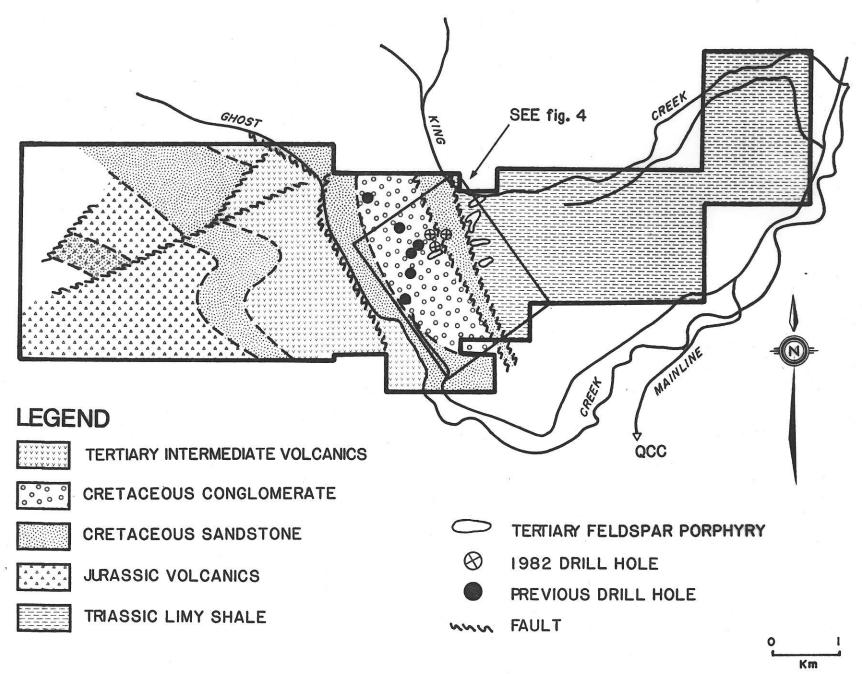
#### RECOMMENDATION

In view of the results obtained during the 1982 program, no further work is recommended.

 $\underline{\mathsf{A}} \ \underline{\mathsf{P}} \ \underline{\mathsf{P}} \ \underline{\mathsf{E}} \ \underline{\mathsf{N}} \ \underline{\mathsf{D}} \ \underline{\mathsf{I}} \ \underline{\mathsf{X}}$ 







# KING PROPERTY DETAILED GEOLOGY & DRILL HOLE LOCATION MAP

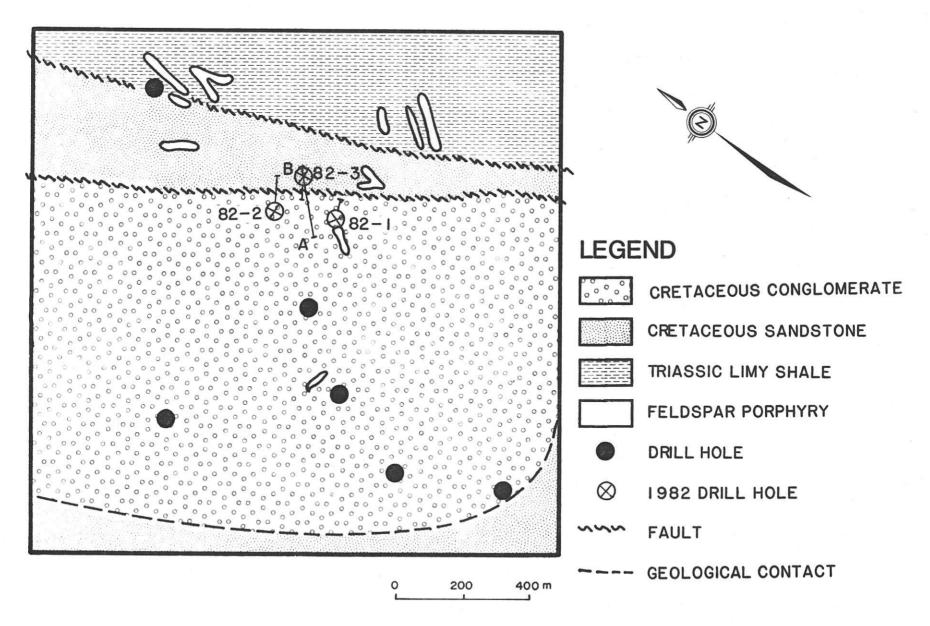


fig. 4

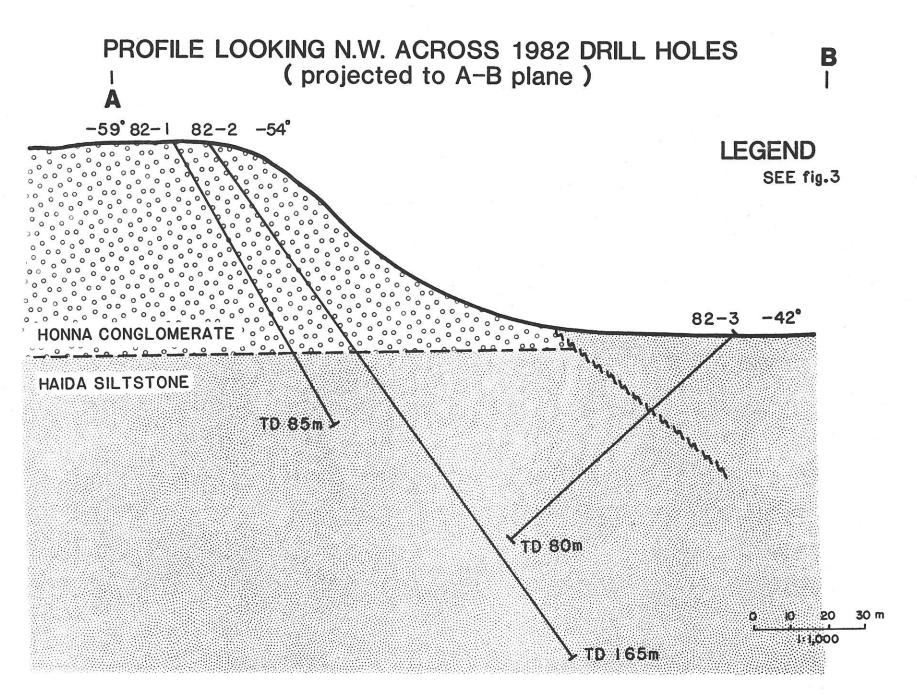


fig. 5

## KING - M490 COST STATEMENT

#### LABOUR COST:

LADOUR COST.					
		Number of Days			
Name	Position	Field	<u>Office</u>		
G. Walton T. Sandberg S. McAllister T. Zanger J. Hawthorne D. Hodge M. Berlinguette G. Thompson	Geologist " Assistant "	10 13 17 24 20 2 2	7		
		90	7	- 97	
Total Labour Cost is	s \$100.72 per person	day or		\$ 9,769.54	
EXPENSES:			h 4 110 10		
Analysis: 204 drill 149 soil Helicopter: approx. Option Payment Drilling: 333 m x \$ Travel: 7.8 x \$263. Freight Food: 97 days x \$17 Generator rental Equipment repairs Expediting and tree Communications Camp supplies Reproducing and draf	. 24.9 hr. x \$500/hr 597.41/m (1093 ft. x .50 per Vancouver - 7.08/day falling	\$29.67/ft)	\$ 4,119.12 12,441.90 10,278.50 32,435.76 2,058.52 1,206.77 1,656.51 265.00 527.63 628.00 57.88 685.67 28.04	66,389.30	
		Total		76,158.84	

#### STATEMENT OF QUALIFICATIONS

I, Timothy M. Sandberg, am a professional geologist with office at 901 - 355 Burrard St., Vancouver, B. C.

I am a graduate of the University of British Columbia (1982) and have worked in mineral exploration, mainly seasonally, since 1978.

Timothy M. Sandberg,

Jim Sandling

December, 1982

PROPERTY	KING	

	DIP TEST	
	An	gle
Footage	Reading - 5.9	Corrected
0	-59	
	0_	
85.34m	-58	
		İ

Hole No K-82-1 Sheet No 1 Of 8	Lat. 9N, 4W	Total Depth 85.34m (280')
Section	Dep59 <sup>O</sup>	Logged By T. Sandberg
Date Begun Oct. 14, 1982	Bearing 070 <sup>O</sup>	Claim King #2
Date FinishedOct. 15, 1982	Elev. Collar ~ 400m (1300')	Core Size NQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	ТО	
0 - 2.13m	OVERBURDEN - no core					
2.13 - 66.58m	Honna Formation - conglomerate					
	Generally matrix supported. 30 to 50% matrix					
	of greyish to grey green arkosic sand. Weakly	7				
	to moderately calcareous, locally intense.					
	Clasts range from .5 cm to 10 cm, average					
	about 2 to 3 cm. Lithologically, clasts of					
	green volcanic rock (andesite?) dominate					
	with lesser amounts of argillaceous and					
	cherty clasts and rare clasts of medium			ļ		
	grained porphyritic intrusive (granitic)					
	rock. Clasts are well rounded, nearly					
	spherical, although the argillites tend to					
	be smaller and more angular. The size					
	distribution is bimodal; there is a sharp					
	break between the clasts and the sandy					
	matrix. Locally there are sandy beds, never					
	more than .4 cm thick. One such bed shows					
	darker laminae reminiscent of cross bedding.					 
	This sequence is cut by stringers of calcite					
	and soft (H $\sim$ 3) black mineral with rare					

PROPERTY .	KING	HOLE No. K-82-1
		110=110

	DIP TEST				
	An	gle	2 of 0		95 24m
Footage	Reading	Corrected	Hole NoSheet No.	Lat.	Total Depth 85.34m
			Section	Dep	Logged By
			Date Begun	Bearing	Claim
			Date Finished	Elev. Collar.	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO	
2.13 - 66.58 m	locally quartz. An amygdaloidal (andesitic?)					
(Cont'd)	dyke occurs between 58.08 and 62.23m.					
	Pyrite is rare - more common in the clasts,					
	where it favours the volcanic and argillaceou	ıs				 
	clasts (many argillaceous clasts show relict					
	textures of bedded pyrite) than in the matrix	*				
	where it occurs as blebs associated with vein	ņs ņs				
	and dark shear zones. Nowhere does pyrite					
	constitute more than about 2%. Minor bitume	φ				
	was observed in fractures, but not system-					
	atically noted.					
2.13 - 5.40m	Rubbly core of soft rusty conglomerate.	52701	1.67	2.13	3.80	
	Small amounts of pyrite visible as rims around	52702	1.60	3.80	5.40	
	clasts in less weathered pieces.					
5.40 - 7.35m	Thin rust rims around 2 out of 5 clasts, rims	52703	1.0	5.40	6.40	 
	1 to 3 mm wide. Small veins 1 to 3 mm wide					
	of calcite and a soft black mineral cut the					
	core from subparallel to 40° to C.A. Usually					
	cut through clasts, sometimes swerve around					
	edges. Both types of vein cut the other, but					

PROPERTY	KING	HOLE No	K-82-1

DIP TEST						
		An	gle		_	
	Footage	Reading	Corrected	Hole NoSheet No	3 of 8 Lat.	Total Depth85.34m
				Section	Dep	Logged By
				Date Begun	Bearing	Claim
				Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	то
5.40 - 7.35m	some black veins have calcite centers so				
(Cont'd)	generally calcite is later. Spacing 1 black				
	vein per 10 cm, 1 calcite vein per 20 cm.				
7.35 - 7.40m	Rusty fracture associated with black veins				
	and pyrite.				
7.40 - 9.79m	Calcite veins and black veins, 1 per 20 cm.	52705	1.0	7.40	8.40
		52706	1.0	8.40	9.40
9.79 - 10.20m	Very rusty, minor pyrite visible associated with	52707	1.0	9.40	10.40
	fractures through clasts. Rubbly core.				
10.20 - 15.91m	Weak calcite veins 2 to 3 mm wide 40° to C.A.	52708	1.0	10.40	11.40
	associated minor blebby pyrite and rusty	52709	1.0	11.40	12.40
_	fractures. Veins 1/40 cm. Black veins	52710	1.0	12.40	13.40
	absent, but in lower part of interval light	52711	1.0	13.40	14.40
	green noncalcareous veins, .5 to 1 mm wide,	52712	1.0	14.40	15.40
	$ ext{H} \sim 4  ext{ O-20}^{ ext{O}}$ to C.A.				
15.91 - 16.06m	Small shear zone, soft rubbly core, intensely	52713	1.0	15.40	16.40
	calcareous, slickensides, no pyrite.				
16.06 - 19.94m	Green veins present in upper part of interval	52714	1.0	16.40	17.40
	but give way by 16.90m to black veins same	52715	1.0	17.40	18.40
	orientation but more irregular, and more	52716	1.0	18.40	19.40
	intense 10 veins/ 10 cm 1 to 3 mm wide with				

### DIAMOND T"ILL RECORD

PROPERTY KING

DIP TEST						
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Hole No. Sheet No. 4 Of 8	Lot	Total Depth 85.34m
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO
16.06 - 19.94m	thin calcite centers. Calcite veins rarely				
(Cont'd)	independent of black veins.				
	18.65-18.90m black veins intense 20 veins/10 cm				
	associated pyrite blebs.				
19.94 - 20.70m	Weak to moderate brecciation with veins of black	52717	1.0	19.40	20.40
	mineral quartz inside, minor calcite centers			·	
	// C.A.				
20.70 - 21.70m	Moderate irregular black veins, decreasing to	52718	1.0	20.40	21.40
	bottom of interval, minor quartz centers.				
21.70 - 21.78m	Yellow to light green clay/carbonate (weak fizz				
	contacts with conglomerate sharp, but not				
	clear whether it is a vein or shear zone.				
21.70 - 36.80m	Weak to moderate black veins, typically with	52719	1.0	21.40	22.40
	calcite centers. Veins up to 2 mm wide,	52720	1.0	22.40	23.40
	usually 30 to 40° to C.A.	52721	1.0	23.40	24.40
		52722	1.0	24.40	25.40
	27.28-27.33m small shear zone 55° to C.A. black	52723	1.0	25.40	26.40
	slickensides, weak blebby pyrite.	52724	1.0	26.40	27.40
		52725	1.0	27.40	28.40
	28.72-28.94m sheared interval, matrix conglom-	52726	1.0	28.40	29.40
	erate soft and dark, 2% blebby pyrite.	52727	1.0	29.40	30.40

PROPERTY	KING

HOLE No. K-82-1

DIP TEST						
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Hole No. Sheet No. 5 of 8	Lat	Total Depth 85.34m
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO
21.70 - 36.80m	28.94-29.35m fine network of dark veins.	52728	1.0	30.40	31.40
	31.75m calcite vein 1.5 cm 35° to C.A.	52729	1.0	31.40	32.40
	32.72-32.90m weakly sheared, fine network of	52730	1.0	32.40	33.40
	black veins.	52731	1.0	33.40	34.40
	33.33-33.88m weakly sheared, blackish alteration	n 52732	1.0	34.40	35.40
	of matrix, 1% pyrite.	52733	1.0	35.40	36.40
	33.88-36.80m weak calcite veins 30 to 40° to C.A	52734	1.0	36.40	37.40
	up to 3 mm 1 per 10 cm. Black veins very				
	weak 1 per 50 cm.				
36.80 - 38.03m	Weak to moderately sheared interval - clasts of	52735	1.0	37.40	38.40
	conglomerate is weakly foliated soft black	-			
	matrix, foliation trends 40° to C.A. Locally				
	calcite matrix and $\sim 2\%$ of yellow carbonate				
	as clasts in shear zone ~1% pyrite dis-				
	seminated in black matrix.				
38.03 - 48.32m	Weak to moderate calcite veining up to 2 mm.	52736	1.0	38.40	39.40
	Generally with black selvages.	52737	1.0	39.40	40.40
	2 veins per 10 cm, 20 to 40° to C.A. cut by	52738	1.0	40.40	41.40
	larger veins up to .7 cm trending 70° to C.A.	52739	1.0	41.40	42.40
	density 1 vein per 50 cm. Weak brecciation.	52740	1.0	42.40	43.40
		52741	1.0	43.40	44.40
		52742	1 0	44 40	45 40

52742 1.0 44.40 45.40

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DIP TEST					
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Hole NoSheet No. 6 of 8	Lat	Total Depth 85.34m
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Efev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO
38.03 - 48.32m	44.92-45.20m irregular calcite veins // C.A.	52743	1.0	45.40	46.40
(Cont'd)		52744	1.0	46.40	47.40
	47.36-48.03m irregular fracturing with local	52745	1.0	47.40	48.40
	calcite matrix.				
48.32 - 49.96m	Weak to moderately sheared interval.	52746	1.0	48.40	49.40
	48.32-48.64m clasts of conglomerate in black	52747	1.0	49.40	50.40
	matrix with $\sim$ 1% disseminated pyrite.	•			
	48.64-49.08m possible weak clay alteration of				
	sandy matrix.				
	49.08-49.14m black stuff - wide vein or shear				
	zone?				
49.14-49.46m weak clay alteration with black					
banding in bottom 40 cm of interval-banding					
	trends 45° to C.A.	52748	1.0	50.40	51.40
49.96 - 58.08m	Weak calcite veins ~40° to C.A. 1 per 40 cm	52749	1.0	51.40	52.40
	black selvage, veins up to 3 mm cut by later	52750	1.0	52.40	53.40
	calcite veins $\sim$ 25 $^{\circ}$ to C.A. 3 per 10 cm,not	52751	1.0	53.40	54.40
	associated with black mineral.	52752	1.0	54.40	55.40
	50.30-50.48m siltstone bed - 1 cm 70° to C.A.	52753	1.0	55.40	56.40
58.08 - 62.23m	Fine grained calcite amygdaloidal dyke,upper	52754	1.0	56.40	57.40
	contact 40° to C.A. Dark green chilled	52755	.68	57.40	58.08

PROPERTY	KING
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HOLE No. K-82-1

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Hole No. Sheet No. 7 Of 8	Lat	Total Depth 85.34m
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO
58.08 - 62.23m	margins, slightly coarser grained, lighter	52756	1.0	58.08	59.08
(Cont'd)	in colour with larger amygdules at center.	52757	1.0	59.08	60.08
	Bitumen in fractures. Lower contact 47° to	52758	1.0	60.08	61.08
	C.A.	52759	1.15	61.08	62.23
62.23 - 66.58m	Weak calcite veins 20 to 30° to C.A. Weak	52760	1.0	62.23	63.23
	brecciation in one large vein 2 cm wide,	52761	1.0	63.23	64.23
	generally only small veins up to 2 mm with	52762	1.0	64.23	65.23
	black selvage veins widely spaced 1 per 20	52763	1.35	65.23	66.58
	cm. Weak shearing in bottom 60 cm, minor				
	slickensides in black mineral oriented 35°				
	to C.A.				
66.58m	Irregular somewhat sheared contact with argilli	ce.			
66.58 - 85.34m	Haida Formation?				
	Siltstone, black with lighter coloured sandy				
	laminae. Thicker sandy intervals up to 15 cm	n			
	show some graded bedding. Cut by weak to				
	moderate calcite veining and fine networks				
	of veining and fine networks of veins ranging	1			
	from 0 to 40° to C.A.				
	67.45-67.55m network of calcite veins up to	52764	1.0	66.58	67.58
	4 mm trending 25° to C.A.	52765	1.0	67.58	68.58
			7 0	60 50	60 50

52766 1.0 68.58 69.58

PROPERTY	KING
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Hole NoSheet No. 8 of 8	} Lat	Total Depth 85.34m
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO
66.58 - 85.34m	70.21-74.14m network of fine brown non fizzy	52767	1.0	69.58	70.58
(Cont'd)	veins (H~3) less than 1 mm perpendicular to C. A.	52768	1.0	70.58	71.58
	varying density from 5 per cm to 1 per 5 cm	52769	1.0	71.58	72.58
	in lower part of interval. Cut by calcite	52770	1.0	72.58	73.58
	veins up to 5 mm trending from $\sim$ // C.A.	52771	1.0	73.58	74.58
	to 250 to C.A. Density 1 vein per 10 cm.	52772	1.0	74.58	75.58
	One larger vein 2 cm 15 <sup>0</sup> to C.A. with weak	52773	1.0	75.58	76.58
	brecciation at 73.58-73.60m.	52774	1.0	76.58	77.58
	77.20-72.55m calcite vein 2 to 3 mm sub // C.A.	52775	1.0	77.58	78.58
	Weak brecciation.		1.0	78.58	79.58
		52777	1.0	79.58	80.58
	80.79-81.48m irregular network of calcite veins	52778	1.0	80.58	81.58
	1 mm.	52779	1.0	81.58	82.58
	82.36-82.44m soft graphitic zone.				
	83.42-83.50m weak brecciation, intense fracture	52780	1.0	82,58	83.58
	intense calcite veining.	52781	1.0	83.58	84.58
		52782	0.76	84.58	85.34
85.34m	END OF HOLE				

PROPERTY KING

DIP TEST					
	An	gle			
Footage	Reading	Corrected			
0 m	-54 <sup>O</sup>				
158.19m	-54 <sup>O</sup>				

Hole No. K-82-2 Sheet No. 1 of 16	5 <sub>Lat.</sub> 10N 4W	Total Depth 167.34m(549')
Section		Logged By T. Sandberg
Date Begun Oct. 15, 1982	Bearing 060	Claim King #2
Date Finished Oct. 19, 1982	Elev. Collor. ~ 400m	Core Size NQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO	
0 - 1.52m	OVERBURDEN - no core					
1.52 - 65.34m	Honna formation - conglomerate.					
	In general, the same as K-82-1. Matrix					
	supported conglomerate, 30 to 50% matrix.					
	Clast size varies from .5 cm to 8 cm, but the	2				
	distribution is more tightly clustered about					
	the mean of 2 to 3 cm than in previous hole.					
	The percentage of argillaceous clasts is					
	slightly higher relative to volcanic clasts,				<u>.</u>	
	although the percentage of granitic clasts					
	remains the same. The size break between					
	clasts and matrix is not as pronounced as					
	in K-82-1. This hole contains significant					
	sandy and silty intervals gradational with					
	the conglomerate. Bedding is defined by					
	silty laminae and by small argillite chips					
_	in sandy beds. The conglomerate contains					
	a wide interval of clay alteration, weak to					
	moderate calcite veining, black veins and					
	zones of blackish alteration in the matrix.					
	Pyrite occurs in small quanities (up to 3%					

PROPERTY	KING
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HOLE No. K-82-2

	DIP TEST			
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Hole NoSheet No. 2 of 1	- 6 <sub>01</sub>	Total Depth 167.34m
Section	Dep	Logged By
Date Begun	Bearing	Claim
Data Finished	Fley Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO
1.52 - 65.34m	over interval ~ .5 m and up to 5% over smalle	er			
(Cont'd)	intervals) as disseminations, vein and fractu	ıre			
	blebs and as small veins in the lowest part				
	of the interval.			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
1.52 - 14.63m	Very rubbly core, up to 50% core loss over 2 m	52801	2.0	1.52	3.52
	interval. Dark green matrix, weak to mod-	52802	2.0	3.52	5.52
	erately calcareous.	52803	2.0	5.52	7.52
	11.60-11.65m calcite veins 35° to C.A. Weak	52804	2.0	7.52	9.52
	brecciation.	52805	2.0	9.52	11.52
		52806	2.0	11.52	13.52
14.63 - 18.86m	Dark green matrix, gradually becoming greyer to	52807	2.0	13.52	15.52
	bottom of interval-increasing amount of clay	52808	2.0	15.52	17.52
	alteration. Matrix very weakly calcareous.	52809	2.0	17.52	19.52
	Very weak calcite veins and rims .5 mm thick				
	20 to 30° to C.A.				
	14.97-15.01m green cherty clast with ~ 5% pyrite				
	associated with black veins-veins do not				
	extend through matrix.				
	17.24-17.42m moderate calcite veining, weak				
	brecciation .5 cm 40° to C.A. weak rust				

associated with veins.

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Hole NoSheet No.	Lat	Total Depth 167.34m
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Fley Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	то
18.86 - 26.48m	Matrix increasingly grey. Moderate rust associa	ated			
	with rubbly zones.				
	18.86-18.92m orange rust as clast rims in rubbly	7			
	zone.				
	19.06-19.13m irregular rusty fracture 35°to	52810	2.0	19.52	21.52
	C.A.				
Life State of the	19.35m rust rim.				
	20.57-20.88m soft rusty zone.				
	21.10-21.34m soft rusty rubble. Some slickenside	s52811	2.0	21.52	23.52
	22.77-22.88m weak rust, soft clay rich core.				
	23.29-23.60m calcite veins 2 mm 100 to C.A.	52812	2.0	23.52	25.52
	25.57 and 25.68m fractures, 40° to C.A. moderate				
	rust permeating surrounding rock to .5 cm.				
	25.94-26.50m moderate calcite veining 100 to C.A	52813	2.0	25.52	27.52
	and as clast rims, minor black selvage.				
	26.58m clay vein .2mm perpendicular to C.A.				
26.48 - 38.12m	Moderate to intense clay alteration, many soft				
	clay rich rubble zones. Moderate to intense				
	black veins and fracture coatings, associated	1			
	with pyrite.				
	26.93-27.18m rubble, slickensided.	52814	2.0	27.52	29.52

PROPERTY	KING	HOLE No.	K-82-2
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Footage	Reading	Corrected	Hole NoSheet NoSheet No	Lat	Total Depth 167.34m
			Section	Dep	Logged By
			Date Begun	Bearing	Claim
			Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	то
26.48 - 38.12m	27.18-27.70m sheared, blackish matrix.		-		
(Cont'd)	27.25-27.27m clay matrix.				
	27.46-27.50m 3% disseminated pyrite.				
	27.70-29.04m black mineral as fine veins 10 to				
	25° to C.A., fracture coatings and clast rims				
	29.04-29.14m clay rich shear zone.				
	29.14-29.94m weak black veins, fracture coatings	52815	2.0	29.52	31.52
	20 to 40° to C.A.				
	29.94-30.19m intense clay alteration - soft	-			
	putty-like core, clasts of clay with				
	slickensides.				
	30.19-30.78m moderate shearing, moderate clay				
	alteration.				
	30.78-30.98m shear zone 15° to C.A. black				
	slickensides, intense clay alteration.				
	31.00-31.05m calcite brecciation cut by network				
	of black veins.				
	31.15-31.78m weak clay alteration, weak black	52816	2.0	31.52	33.52
	alteration of matrix.				
	31.78-32.07m moderate intense clay alteration,				
	vuggy core, moderate shear, moderate black				
		<del></del>	L	L	

matrix.

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PROPERTY	KING	HOLE No	K-02-2

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Footage	Reading	Corrected	Hole NoSheet N	<sub>√o.</sub> 5 of 16 <sub>at.</sub>	Total Depth 167.34
			Section	Dep	Logged By
			Date Begun	Bearing	Claim
			Date Finished	Elev. Collar	
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DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO
26.48 - 38.12m	32.07-33.22m intense clay alteration, with net-				
(Cont'd)	work of fine black veins. Clay vein 2 mm				
	$25^{\circ}$ to C.A. at $\sim$ 33.00m				
	33.25-33.60m 1-2% pyrite associated with calcite	2			
	veins and fractures.				
	33.72m black vein 2 mm 85° to C.A.	52817	2.0	33.52	35.52
	34.00-34.29m intense clay alteration, moderate				
	yellow rust, matrix intensely calcareous.				
	34.48-34.80m moderate calcite veins 2 mm 150 to	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	C.A. and partial rims.				
	35.02-35.08m intense clay alteration.				
	35.19-35.72m intense clay alteration moderate				
	shear, weak calcite veining 20° to C.A.	52818	2.0	35.52	37.52
	Rubbly core.				
	36.00-36.52m moderate calcite veins 200 to C.A.				
	Black selvage, bleb of pyrite .5 cm. within				
	clast at 36.13m				
	36.52-36.90m Grades from conglomerate to coarse				
	sand, moderate clay alteration.				
	36.90-37.71m sand, moderate clay alteration,	52819	2.0	37.52	39.52
	abrupt lower contact-conglomerate begins				

with large cobble.

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Hole No. Sheet No. 6 Of 16	Lat	Total Depth 167.34
Section		Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	то
26.48 - 38.12m	37.71-38.12m conglomerate, moderate clay				
(Cont'd)	alteration, black rims, black veins, 2 per				
	cm, 45° to C.A. associated 2 to 3% blebby				
	pyrite.				
38.12 - 39.64m	Weak to moderate clay alteration, minor clay/				
	calcite veins and rims.				
39.64 - 43.20m	Moderate to locally intense clay alteration,				
	moderate shear, local black matrix. Clast				
	size smaller, increasing sand content, minor				
	silty laminae.				
	39.65m clay/calcite vein 2 mm 35° to C.A.	52820	2.0	39.52	41.52
	40.75-41.14m black matrix in very sandy con-				
	glomerate.				
	41.14-41.30m intense clay alteration, rubble.				
	41.30-42.52m conglomerate, moderate clay				
	alteration, minor clay rims.				
	42.52-42.90m silty bed, moderate calcite veins.	52821	2.0	41.52	43.52
	42.90-43.20m sandy conglomerate, moderate clay				
	alteration.				
43.20 - 49.36m	Fine grained sandstone with silty laminae, minor	52822	2.0	43.52	45.52
	conglomerate, weak clay alteration.	,			

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Hole NoSheet No. 7 of 16	Lat	Total Depth 167.34m
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Fley Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO
43.20 - 49.36m	44.00-44.28m blackish discolouration in sand-	52823	2.0	45.52	47.52
(Cont'd)	stone. Small fault 150 to C.A.				
	47.70-48.09m minor black discolouration in	52824	2.0	47.52	49.52
	sandstone.				
	$48.39-48.46$ m fault $\sim 30^{\circ}$ to C.A. Minor				
	brecciation, calcite matrix.				
	48.61-41.84m calcite vein // C.A., black center.				
49.36 - 54.03m	Siltstone, sandy laminae, very weak calcite	52825	2.0	49.52	51.52
	veining, 20-30 to C.A., blebs and lenses of	52826	2.0	51.52	53.52
	pyrite, conformable to bedding (75° to C.A.)				
	Often localized by sandy laminae.				
54.03 - 65.34m	Abrupt siltstone/conglomerate contact at 54.03m				
	50° to C.A., coated with shiny black graphite				
	Conglomerate very sandy in upper 1.5m, little	2			
	or no clay alteration.				
	54.03-56.13m fractures ~30° to C.A., associated	52827	2.0	53.52	55.52
	pervasive brown alteration 1 to 2% dissemin-	52828	2.0	55.52	57.52
	ated pyrite throughout matrix.	52829	2.0	57.52	59.52
	56.13-61.92m weak fracture with very weak black	52830	2.0	59.52	61.52
· <del>************************************</del>	veins and minor rims5% pyrite, mainly				
	fracture controlled.				

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	neet No. 8 0116 Lat.	Total Depth
Section	Dep	Logged By
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Date Finished	Elev. Collar.	Core Size
		Date Begun Bearing Date Finished Elev. Collar

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO
54.03 - 65.34m	61.92-62.43m network of fine black veins with	52831	2.0	61.52	63.52
(Cont'd)	blebs of pyrite ~1%.				
	63.04-63.40m weak clay alteration, moderate				
	veins of brown carbonate 35° to C.A5%				
	fracture controlled pyrite.				
	63.70-64.21m weak pyrite veins 1-2 mm 10° to C.A.				
	1 vein per 10 cm. Also small blebs and				
	partial rims, total pyrite ~ 1%.				
	64.58-64.92m weak calcite veins, 1 per 5 cm,				
	25° to C.A. pyrite centers. ~1% disseminated	1			
	pyrite.		-		
	64.92-65.34m pyrite mainly as thin clast rims	52832	1.82	63.52	65.34
	~.5%.				
65.34-167.34m	Siltstone - Haida formation?				
	Black to dark brown, thin sandy laminae,				
	occasional sandy beds. Frequent blebs and				
	lenses of pyrite, calcite veining weak, rare				
	black veining. Frequent shears and rubbly				
	zones. Cut by light to dark green amygdaloid	lal			
	dykes.				
65.34 - 69.28m	Siltstone				

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Hole No. Sheet No. 9 of 16	Lat	Total Depth 167.34m
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Flex Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO
65.34 - 69.28m	65.34m sharp contact between conglomerate and				
(Cont'd)	siltstone 50° to C.A.				
	65.34-65.70m blebs and lenses of pyrite	52833	2.0	65.34	67.34
	localized in sandy laminae 70° to C.A.	52834	1.94	67.34	69.28
	65.70-66.75m moderate irregular calcite veins,				
	weak brecciation, pyrite blebs.				
	67.30-67.40m graphitic shear.				
	68.53-68.56m grey clay? lens.				
	68.56-69.02m sheared graphitic clay rich siltsto	one.			
	69.16-69.28m glassy graphite on fracture faces.				
69.28 - 70.22m	Dyke, light green fine grained upper and lower	52835	.94	69.28	70.22
	contacts, coarser dark green center, weakly				
	calcareous.				
70.22 - 93.44m	Siltstone, sandy laminae, local minor sandy	52836	2.0	70.22	72.22
	beds.	52837	2.0	72.22	74.22
	70.54-70.55m clay lens? weak calcite veins	52838	2.0	74.22	76.22
	perpendicular to C.A.				
	70.55-71.00m moderate shear, graphite.	52839	2.0	76.22	78.22
	74.22-74.90m weak fracture, calcite veins 10°	52840	2.0	78.22	80.22
	to C.A.				
	75.22-75.90m moderate intense shear, graphite.	52841	2.0	80.22	82.22

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Hole No. Sheet No. 10 Of	16 Lat	Total Depth 167.34m
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Efev. Collar	Core Size

DEPTH	DESCRIPTION		WIDTH OF SAMPLE	FROM	TO	,
70.22 - 93.44m	78.94-79.13m cave, pebbles from conglomerate,		2.0	82.22	84.22	
(Cont'd)	higher up in hole.	52843	2.0	84.22	86.22	
	79.86-80.50m intense shear, no graphite, lots	52844	2.0	86.22	88.22	
	of clay.	52845	2.0	88.22	90.22	
	83.07-83.22m grey rubble.	52846	2.0	90.22	92.22	
	86.49-86.56m slickensided fracture 100to C.A.	52847	1.22	92.22	93.44	
	87.66-91.90m heavily sheared frequent clay					
	rich gouge zones. Bedding in sandy laminae					
	55° to C.A.					
93.44- 99.09m	Contact with dyke 65° to C.A. Thin light green	52848	2.0	93.44	95.44	
	band within dyke margin. Dyke light green,	52849	2.0	95.44	97.44	
porphyritic (plag) dark, fine grained 5		52850	1.65	97.44	99.09	
contacts. Calcite amygdules, locally pyrite/						
	calcite amygdules. Pyrite also occurs within	1				
	fractures, and disseminated along fracture					
	margins with spotty black stain. Total				_	
	pyrite $\sim$ 2%. Lower contact marked by small					
	gouge zone in siltstone.					
99.09 -125.23m	Black siltstone, minor sandy laminae, weak	52851	2.0	99.09	101.09	
	calcite veins, local shear and fault gouge.					
	99.38-99.65m pyrite blebs oriented 63° to C.A.	52852	2.0	101.09	103.09	

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PROPERTY	KING	HOLE No.	K-82-2

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Hole No. Sheet No. 11 of 1	. 6 Lat	Total Depth 167.34m
Section		Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO
99.09- 125.23m	102.44m calcite veins perpendicular to C.A5 cm th	ick.			
(Cont'd)	102.94-103.05m black veins 1mm with calcite	52853	2.0	103.09	105.09
	centers, run // C.A. and splay off into				
	branches 50° to C.A.				
	104.77m bleb of pyrite .5 cm at base of sandy				
	bed-bedding at this point 75° to C.A.				
	105.18-105.22m gouge.	52854	2.0	105.09	107.09
	105.42-105.58m gouge zone.				
	106.01-106.09 gouge zone.				
	106.22-106.29m cave - pebbles from conglomerate				
	106.50-107.95m intense fracture fault gouge.				
	Graphite slickensides.				
	108.28m calcite veins 2 mm 50° to C.A.	52855	2.0	107.09	109.09
	110.02-110.48m irregular calcite veins and small	52856	2.0	109.09	111.09
	vuggy "blotches" - concretions?				
	112.18m lens of pyrite 1.5m X .5.	52857	2.0	111.09	113.09
	116.62m calcite veins 30° to C.A. 1mm. Occupies	52858	2.0	113.09	115.09
	fracture with slickensides.				
	116.74-117.04m tube not locked, small rubbly	52859	2.0	115.09	117.09
	zone, with fault gouge, ~ 50% core loss.				
	117.36-117.52m rubbly gouge.				

PROPERTY	KING	HOLE	No	K-82-2
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Footage	Reading	Corrected	Hole NoSheet No. 12 Of	16 <sub>at.</sub>	Total Depth 167.34m
			Section	Dep	Logged By
			Date Begun	Bearing	Claim
			Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	то
99.09- 125.23m	118.70-118.80m weak calcite veins 250to C.A.	52860	2.0	117.09	119.09
	119.25m calcite veins 3 mm 35° to C.A. Minor				
	irregular splays.				
	119.69-119.78m rubble with rounded shale pebbles	52861	2.0	119.09	121.09
	and slickensides.				
	119.94-120.03m vuggy calcite in slickensided	52862	2.0	121.09	123.09
	rubble.	52863	2.23	123.09	125.32
125.23- 126.07m	Green dyke - contact fractured. Light green	52864	.75	125.32	126.07
	upper contact, darker and coarser in center,				
	non porphyritic pyrite/calcite amygdules.				
	Lower contact $\sim$ 126.07m heavily sheared,				
	fault gouge, brecciation with calcite matrix				
	Shear zone from 126.03-126.21m				
126.07- 147.90m	Black siltstone.				
	126.28-126.42m weak breccication with calcite	52865	2.0	126.07	128.07
	matrix.				
	126.42-126.51m slickensided rubble.	,			
	126.86-126.09m rubble, slickensides, weak				
	calcite veins.				
	128.58-128.98m rubble, slickensides fault gouge	52866	2.0	128.07	130.07
	129.76-129.89m gouge, rubble.				

PROPERTY	KING	HOLE No. K-82-2

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			Section	Dep	Logged By
			Date Begun	Bearing	Claim
			Date Finished	Elev. Collar	Core Size
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DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO
126.07- 147.90m	130.35-130.60m sandy laminae 65° to C.A. offset	52867	2.0	130.07	132.07
(Cont'd)	by black veins with calcite centers, .5 mm-				
	2mm thick, irregular splay.				
	130.91-130.98m moderate shear.				
	131.61-131.63m gouge.				
	132.93-134.57m intense fracture $\sim 50^{\circ}$ to C.A.	52868	2.0	132.07	134.07
	l fracture per 5 cm, slickensides.				
	133.88-135.16m fine network of thin black	52869		L	136.07
	veins - irregular splayed veins, but	52870	2.0	136.07	138.07
	generally subparallel to C.A.	52871	2.0	138.07	140.07
	140.28-142.95m intense shear, fragmented rock	52872	2.0	140.07	142.07
	cemented by clay, soft, puttylike core.				
	140.80m small vuggy calcite vein 10° to C.A.				
	142.95-144.07m heavily fractured- looks solid	52873	2.0	142.07	144.07
	but when squeezed water oozes out of network	52874	2.0	144.07	146.07
	of fine cracks.				
	145.68-145.85m brecciation with matrix of brown				
	calcite - cut by network of black veins.				
	147.10-147.29m - soft clay rich shear zone.				
	147.29-147.35m black veins 250 to C.A.	52875	1.83	146.07	147.00
	147.35-147.59m heavily fractured, clay rich.				

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HOLE No. K-82-2

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Hole No. Sheet No. 14 of 1	6 <sub>Lat.</sub>	Total Depth 167.34m
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO	
147.90- 149.79m	This interval contains two dykes.	52876	1.89	147.90	149.79	
	147.90m siltstone/dyke contact 740 to C.A. lmm					
	wide, light green band in dyke rock-altered					
	contact?					
	147.90-149.25m medium green, uniform textured					
	(contacts only slightly finer grained than					 
	rest of dyke). Pyrite fills large vesicles					
	(up to .5 cm), black stain surrounds these					
	amygdules for 2 to 5 mm. Calcite fills					
	smaller vesicles, while many tiny vesicles					
	(.5 to 1 mm) are at least partially open,					
	cut by fine networks and single black veins,					
	~ 50° to C.A.					
	148.90-149.15m amygdules of black mineral					 
	with calcite centers.					
	149.25-149.79m medium green dyke rock, light					 
	green chilled contacts, amygdules of calcite					
	with pyrite centers.					
149.79- 162.38m	Siltstone - weak black veins ~60° to C.A. through	gh <b>-</b>				
	out $\sim$ 1 per 5 cm.					
	149.79-149.86m weak fracture below contact	52877	2.0	149.79	151.79	

with small calcite blebs.

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Hole NoSheet No. 15 of 1	б <sub>Lat</sub>	Total Depth 167.34m
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF <b>S</b> AMPLE	FROM	TO
149.79- 162.38m	151.37-151.46m pyrite $\sim$ 5% disseminated though-	•			
(Cont'd)	out small sandy interval.				
	151.99-152.27m network of intense black veins.	528 <b>7</b> 8	2.0	151.79	153.79
	Small pyrite bleb at 152.11m				
	153.47-153.79m moderate fracture perpendicular	52879	2.0	153.79	155.79
	to C.A., graphite slickensides.				
	158.19-158.89m weak calcite vein 20° to C.A.	52880	2.0	155.79	157.79
	1 to 2 mm wide 1 vein per 10 cm.				
	159.70-159.79m network of calcite veins.	52881	2.0	157.79	159.79
	160.12-161.88m small blebs .1 cm to .5 cm. of	52882	2.0	159.79	161.79
	pyrite - total pyrite ~ 2%.	52883	. 59	161.79	162.38
162.38- 166.66m	2 cm wide chilled contact. Dark green dyke,				
	pyrite amygdules with black rims 1 mm wide				
	in surrounding rock. Pyrite/calcite veins				
	$\sim$ 30 $^{ m o}$ to C.A. 1 vein per 10 cm. with similar				
	black margins.				
	163.01m chilled contact with light green band	52884	2.0	162.38	164.38
	2 mm thick.	52885	1.86	164.38	166.66
	163.01-163.02m small sliver of siltstone.				
	163.02m chilled contact of second dyke. Light				
	green dyke, porphyritic amygdaloidal and				

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DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	ТО	
162.38-166.66m	fractured same as previous dyke.					
(Cont'd)	165.45-166.40m many vesicles still open, some					
	partially filled with calcite.					 <del></del>
166.66-167.34m	Siltstone, heavily fractured. Weak calcite veins	52886	.68	166.66	167.34	
	1 per 10 cm. 40° to C.A.					
167.34m	END OF HOLE		· · · · · · · · · · · · · · · · · · ·			
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HOLE No. K-82-3

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Date Finished.					

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Dep 42 <sup>O</sup> Bearing 240 <sup>O</sup>	
Elev. Collor ~350m	

Total Depth 80.46m (264 ft)
Logged By T. Sandberg
Claim King #2
Core Size NQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	то	
0 - 6.lm	OVERBURDEN - no core					
6.1 - 8.1m	Rubble - conglomerate pebbles, chunks of con-	52951	4.0	6.1	10.1	
	glomerate, one chunk of green dyke type rock					
	90% loss.					
8.1 - 19.48m	Siltstone-intensely fractured and sheared					
	extensive gouge zones.					
	8.1-8.84m sandy siltstone bedding of sandy					
	laminae 20° to C.A. Moderate black veins					
	l per cm 65° to C.A.					
	8.84-9.07m probably cave, small pebbles, chunk					
	of dyke_rock.					
	9.07-12.80m intense fracture, most of interval	52952	2.0	10.1	12.1	
	consists of muddy gouge.					
	12.80-13.32m very weak calcite veining.	52953	2.0	12.1	14.1	
	13.32-14.17m intense fracture, minor fault	52954	2.0	14.1	16.1	
	gouge.					
	14.17-14.43m very weak black veins.					
	14.43-15.30m intense fracture, fault gouge.					
	15.30-15.83m intense very fine fracture moderate					
	black veins 35° to C.A.					
	15.58m calcite veins 30° to C.A.					
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<sup>.5</sup> cm wide, weak brecciation

PROPERTY.	KING
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HOLE No. K-82-3

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Hole No. Sheet No. 2 of 5	Lat	Total Depth 80.46m
Section		Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO
8.1-19.48m	15.83-17.06m intense fracture, crushed core with	52955	2.0	16.1	18.1
(Cont'd)	muddy matrix.				
	17.06-17.56m sandy siltstone, moderate fracture.				
	17.56-18.44m mainly rubble, minor muddy crush				
	zone.				
	18.44-18.90m siltstone with minor pyrite blebs.				
	18.90-19.48m slickensided rubble.	52956	1.38	18.1	19.48
19.48 - 20.72m	Light to dark green dyke rock mainly calcite	52957	1.24	19.48	20.72
	amygdules, minor pyrite in amygdules and				
	fractures.				
20.72 - 40.20m	20.72-20.90m cave - conglomerate pebbles.	52958	2.0	20.72	22.72
	20.90-21.28m rubble.				
	21.28-21.88m very fine fracture network. Weak				
	black veins 20° to C.A.				
	21.88-22.86m rubble - probably 50% core loss.				
	22.86-23.79m very fine fracture calcite vein	52959	2.0	22.72	24.72
	30° to C.A. at 23.03m.				
	23.79-24.72m rubbly core, minor fault gouge.				
	24.72-26.72m fine fractures minor pyrite blebs.	52960	2.0	24.72	26.72
	26.72-27.37m rubbly core.	52961	2.0	26.72	28.72
	27.37-30.85m fairly solid core, weak fracture	52962	2.0	28.72	30.72
	minor gauge-calcite brecciation 29 12-29.14m	<u> </u>			

minor gouge-calcite brecciation 29.12-29.14m.

PROPERTY KING

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Hole No. Sheet No. 3 Of 5	Lat	Total Depth 80.46m
Section	Dep	Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO
20.72 - 40.20m	30.85-30.90m calcite rich clay zone probably	52963	2.0	30.72	32.72
	primary, rather than alteration, since it is	52964	2.0	32.72	34.72
	conformable to bedding 40° to C.A. of adjacer	nt			
	sandy interval sandy zone moderately calcared	us.			
	30.90-31.29m weak fracture.	52965	2.0	34.72	36.72
	31.29-31.38m calcite brecciation.	52966	2.0	36.72	38.72
	31.38-40.02m weak moderate fracture, minor	52967	1.48	38.72	40.20
	rubble minor local gouge.				
	40.02-40.20m soft clay rich gouge zone adjacent				
	to dyke contact.				
40.20 - 42.36m	Contact Siltstone/dyke $\sim 30^{\circ}$ to C.A. Uniform	52968	2.16	40.20	42.36
	texture, light green, lower contact somewhat				
	chilled. Dyke heavily fractured, very rubbly	,			
	muddy gouge zone. Calcite brecciation				
	40.40-40.46m. Pyrite/calcite in amygdules				
	and fractures surrounded by pervasive black				
	alteration. Lower contact 30° to C.A.,				
	heavily sheared.				
42.36 - 46.18m	Black siltstone, rubbly. Weak calcite veins	52969	2.0	42.36	44.36
	l vein per 30 cm, 30-40° to C.A.	52970	2.0	44.36	46.36
46.18 - 59.53m	Black siltstone, solid core, very minor sandy	52971	2.0	46.36	48.36

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Hole No. Sheet No. 4 Of5	Lat	Total Depth 80.46m
Section		Logged By
Date Begun	Bearing	Claim
Date Finished	Elev. Collar	Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	FROM	TO	
46.18 - 59.53m	laminae.					
(Cont'd)	at 47.6m sandy laminae 15° to C.A.	52972	2.0	48.36	50.36	
	at 50.36m laminae subparallel to core axis.	52973	2.0	50.36	52.36	
	at 54.36m 15 <sup>o</sup> to C.A.	52974	2.0	52.36	54.36	
	54.56-58.70m ∼3% pyrite as large blebs-up to	52975	2.0	54.36	56.36	
	1 cm x 3 cm conformable within sandy laminae	52976	3.17	56.36	59.53	
	pyrite/calcite vein 70° to C.A. at 56.40m.					 
59.53 - 61.78m	Siltstone/dyke contact 150 to C.A.	52977	2.25	59.53	61.78	
	59.53-61.77m rubbly, minor gouge. "mixing" of					
	dyke and siltstone along contact, i.e5 cm					
	wide zone of little wispy black bits in dyke-	•				
	lower contact same, but 1 cm wide. Dyke					
	weakly amygduloidal, mainly calcite minor					
	pyrite, weak calcite veins with black rims.					
61.78 - 65.23m	Black siltstone grading to fine sandstone,	52978	2.0	61.78	63.78	
	sandstone moderately intense calcareous,	52979	2.0	63.78	65.78	
	weak calcite veins 10-350 to C.A. Solid core					
	minor gouge 63.02-63.05m.					
65.23 - 66.00m	Rubble, gouge moderate calcite veins 25° to C.A.	52980	2.0	65.78	67.78	
66.00 - 67.47m	Solid core, black silt, minor calcite, sandy					
	laminae 17° to C.A.					

PROPERTY	KING	HOLE	No. K-82-3
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Footage	Reading	Corrected	Hole NoSheet No. 5 Of 5	Lat	
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			Date Finished	Elev. Collar	

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DEPTH	DESCRIPTION	SAMPLE No.	OF SAMPLE	FROM	TO		
67.47 - 67.78m	Gouge						
67.78 - 71.19m	Black siltstone, sandy laminae 5-10° to C.A.	52981	2.0	67.78	69.78		
		52982	2.0	69.78	71.78		
71.19 - 73.06m	Moderate intense fracture, rubble, minor gouge.	52983	2.0	71.78	73.78		
73.06 - 80.46m	Solid core, black siltstone, weakly calcareous	52984	2.0	73.78	75.78		
	sandy laminae 40° to C.A. in upper part,	52985	2.0	75.78	77.78		
	abrupt change to 5° to C.A. at 77.80m, but	52986	2.68	77.78	80.46		
	no fault or break in core.						
80.46m	END OF HOLE						
					1	"	
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