DI	AMC	DND	DRILL RECOR	LOGGED BY	JOHN C. LUND		82	3428	}		(د ٢)	Launie
1			CLAIM GROUP , VERNON M.D.						D.D.H. No	77 - 1	PAGE	1 of 6
	E	L 2160	N BEARING OF HOL	Ε	STARTED Feb.	3/77	-			M No.Knight #1	· · · · · · · · · · · · · · · · · · ·	
DEPARTU	RE	9.3 W	DIP OF HOLE	- 90 [°]	COMPLETED Feb.	11/77	-	<		CTION AND DI	STANCE F	ROM
ELEVATI	ON	1425.6	(4675 ft) DIP TESTS	BQ	DEPTH 91.74	m			XXXXX .	CLAIM POST		
FOO	TAGE					SAMPLE	F00	TAGE	SAMPLE	AS	SAY	
FROM	то	NOTE:	Ft. in brackets D	ESCRIPTION		No.	FROM	то	LENGTH			
0	3	(10')	Casing									
	6.4	(21')	Basalt Probably andesiti	c not obviously olivin	e							
	9.75	(32')		lack; submircroscopi								
			(Spec. at 9.45 (3	asional large glassy f 1')).	eruspar.							
	18.9	(62')	Basalt									
	20.11	(66')	Basalt Spec. from 20.11	(66')								
	0.00			De Greenente -								
	26.82	(88')		rate; RC fragments c rick red in colour.	At 25.3 m (of							
				erest) cavities and in								
				ar forms as well as cl								
				s, yellow stained glas								
				us material that crack								
L			(None have been i	dentified). (Spec at	22.6, 25.3 and 26.67 m)							
	32.31	(106')	Basalt blocky; distinctly	fragmental at 27.43 (S	Spec taken at 27.43 m)							
	33.53	(110')	Tuffaceous mud reddish, ve	ry sticky. Recovery	30 cm.							
	34.44	(113')	Banded tuffaceous siltstone waxy and soft.	Recovery 30 cm.	banded sediment							
	35.8	(117.5)	Tuffaceous siltstone: to	34.75 then change to g	rey tuffaceous mud							
		NOTE:	This rock is very fine gr	ained codiment and alt	hough it appears							
		<u></u>	tuffaceous this unit will		• • • •							
					situatione probably							

DIAMOND	DRILL RECORD	LOGGED BY JOHN C. LUND	
PROPERTYKNIGHT	CLAIM GROUP		D.D.H. No PAGE _2 of 6
LATITUDE	BEARING OF HOLE	STARTED	CLAIM NoKnight #1
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
	DIP TESTS	DEPTH	NE. CLAIM POST

F00	TAGE	<u> </u>			SAMPLE	F00	TAGE	SAMPLE	 	ASSAY	· · · · · · · · · · · · · · · · · · ·	
FROM	то	1		DESCRIPTION	No.	FROM	то	LENGTH				
			formir	ng part of the Kettle River Formation of mid (?) Eocene age.								
35.8	35.97	(118')	Siltston	ne					 			
	38.10	(125')	Siltston	<u>1e</u>								
	39.62	(130')										
			predominantly of feldspar grains with subordinate quartz. Grains not well rounded, however, beds show lamination									
		and are no doubt water lain but perhaps not moved far. Last 7.6 cm. is siltstone rubble.										
	43.59	(143')	Siltston	ne with interbedded volcanic sandstones								
			NOTE: Sandstone sections here have some K-spar grains ar									<u>.</u>
				bronze mica and may have other origin as well as volcanic. These will be referred to simply as sandstone.								
	46.63	(153')	Siltston	ne Dark grey, more competent; increase sandstone units					 			
				45.11 to 46.63 m.	-						-	
				Sandstone: 15 cm at 43.74 m; 77 cm. at 45.10 m; Thin film of "coaly" carbonaceous material in the sandy units.								
			NOTE:	All carbonaceous material will be called "coal" or "coaly" in these logs.								
	48.46	(159')	Siltston	ne: Increase grain size; Py approx. 1% as clusters of minut	e							
				grains and as coatings on fractures.								
	49.88	(163')	Siltston	ne: Scattered py. (Spec taken at 50.3 m). Recov. 1.22 m.								

DIAMON	D DRILL RECORD	LOGGED BY JOHN C. LUND	
PROPERTYKN	IGHT CLAIM GROUP		D.D.H. No. 77 - 1 PAGE 3 of 6
LATITUDE	BEARING OF HOLE	STARTED	CLAIM NoKnight #1
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
	DIP TESTS	DEPTH	NE. CLAIM POST

FOOT	TAGE				SAMPLE	F00	TAGE	SAMPLE	 ASSAY	
FROM	то	1		DESCRIPTION	No.	FROM	то	LENGTH		
49.88	53.00	(174')	Siltstone:	Recov. 55%. Py 1% or less						
	53.34	(175')		Py decrease. Recov. < 50%						
			<u>NOTE</u> : Pyrite occurs on fractures that cut core axis at 4° - 6° and 80° - 85° .						 	
	54.86	(180')	<u>Siltstone</u> :	Decrease grain size; Py up to 3% 53.34 m - 53.8 m then scattered py in sandy units only. Coal in sandstone formation beds. (Recov. 0.91 m)						
	57	(187')	<u>Siltstone</u> :	<u></u> Thin sand beds; py - 1 - 1.5% at approx. 57.6 m. Recov. 0.9 m.						
	59.13	(194')	<u>Siltstone</u> :	Sandy lenses: 20 cm at 58.06 m; py 12 - 15% over 1.16 m. with coal fragments and seams. Recov. 1.07 m.						
	60.35	(198')	Siltstone:	Increase in sandy beds; traces only of py. (Recov. +95%).						
	60.96		<u>Siltstone</u> :	Intermixed fine silt and sandy material possible due to soft sed. slumping. 60.66 - 60.96 m. coal films & fragments. Recov. 100%.						
	64.01		<u>Siltstone</u> :	Sandstone: 7.6 cm at 61.57 m; 2.5 cm at 62.18 m; 7.6 cm at 62.48 m (½" of marine py this section). Coaly. Last foot volcanic sandstone - poorly sorted. Recov. 90%.						
			4							

DIAMOND		GGED BYJOHN C. LUND	
PROPERTYKNJ	IGHT CLAIM GROUP		D.D.H. No. 77 - 1 PAGE 4 of 6
LATITUDE	BEARING OF HOLE	STARTED	CLAIM NoKnight #1
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
ELEVATION	DIP TESTS	DEPTH	NE. CLAIM POST

FOO	TAGE	T			SAMPLE	F00 ⁻	TAGE	SAMPLE		ASSAY	
FROM	то			DESCRIPTION	No.	FROM	то	LENGTH			
6											
4.01	66.45	(218')	Siltstone:	7.6 cm of sandstone formation at 64.31 with coal films							
1		<u> </u>		and traces of pyrite. Sandstone: 4.5 cm at 65.23 m							
				with py and coal; 30 cm at 65.72 (3 - 5% coal 65.7 -							
		65.8 m); 3.08 cm at 66.29 with some carbon (approx. 3%).									
			Recov. 100%.								
							-				
	69.5	(228')	Siltstone:	Increase in sandy beds; carbon present in most sandstone							
				beds.							
				Sandstone: 30 cm at 66.9 m; 6 cm at 67.36 m;							
				7.6 cm at 67.67 m; 10.16 cm at 67.91 m; 5.08 cm at 69.43 m	•						
				Blocky 66.9 - 68.58 m; (Recov. 2.74 m).							
	72.54	(238')	Siltstone:	Recov. 100% interbedded sandstone units.							
				5.08 cm at 70.26 m; 4.6 cm at 70.56 m; 2.54 cm at 70.71 m.							
				2.54 cm at 70.87 m; predominantly sandstone 72.09 - 72.54 m							
				consid. carbon(coal) 1 - 3%; py 1% or less. Increase							
				grain size in sandy beds.				_			
1							Ì				
L			NOTE: In g	general sandstone is white composed mainly of white feldspar,			ļ			····-	
			subo	ordinate quartz, some K-feldspar and bronze mica.	,						
	74.37	(244')	Siltstone:	First 36 cm is poorly sized sand showing graded bedding							
				at its base. Py is weakly dissem. (< 1%) coal 1 - 2%							
ļ	77.42	(254')	Siltstone:	with interbedded sandstone.			<u> </u>				
				74.37 - 74.68 dark coarser grained sandstone,							
				possibly volcanic sandstone.							
				Sandstone: 20 cm at 75.13 m; 17 cm at 75.74 m;							
_	·		<u>. </u>	76.2 - 76.5 mainly sand with admixed tuffaceous (?)							
				material. Last 20 cm is volcanic sandstone.							
				Recov. + 90%.							
1							L				

DIAMOND	DRILL RECORD	LOGGED BY JOHN C. LUND	
PROPERTY	KNIGHT CLAIM GROUP		D.D.H. No. 77 - 1 PAGE 5 of 6
ATITUDE	BEARING OF HOLE	STARTED	CLAIM N&night #1
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
	DIP TESTS	DEPTH	NE. CLAIM POST

replace reasons commu

F00	TAGE		SAMPLE	F001	FAGE	SAMPLE	····	ASSAY	ASSAY		
FROM	то	DESCRIPTION	No.	FROM	то	LENGTH					
			-								
77.42	79.25	(260') Interbedded sandstone and siltstone . Fault at 77.88 m.									
		< 1% coal (Recov. 1.23 m)									
	82.30	(270') Siltstone mainly interbedded sandstone units.									
	02.50	Sandstone: 18 cm at 80.16, thin film coal traces of py.									
		15 cm at 80.77 m; 13 cm coarse sand at 81.38 m.									
		sparse py., fine lamina of coal				-					
		(Recov. 2.8 m)									
	82.90	(272') Interbedded siltstone & sandstone. Carbon in sandy units, sparse py.								1	
										1	
		(Recov. 0.5 m).						[
	84.43	(277') As above. Sandstone units: 83.82 - 84.13, 8 - 12% coal, sparse py.									
		84.13 - 84.43, 1 - 5% coal, no visible py.									
	85.95	(282') Sandstone about 1 - 2% coal, traces pyrite,									
	03.95	(282') Sandstone about 1 - 2% coal, traces pyrite.									
	87.78	(288') Volcanic sandstone for 25 cm then fine siltstone, very little carbon.							r.		
	0/./0	(200) Volcanic Sandstone for 25 cm then fine sitistone, very fittle carbon.									
	88.39	(290') Siltstone for 15 cm then white to light grey diatomaceous (?) siltstone									
		material for 20 cm. (Recov35 m).				-					
	89.31	(293') Diatomaceous (?) Siltstone white to light grey.		ļ							
		Spec. from 88.39 (290'). Recov. 90%).									
	01 7/										
	91./4	(301') <u>Siltstone with interbedded sandstone</u>									
		Sandstone units less than 5 cm. A few scattered grains of pyrite and $< 1\%$ coal.									
		pyrite and 1% coal.		L	l		I		L		

		D BYJOHN C. LUND					77 - 1	PACE 6 of 6				
	BEARING OF HOLE	STARTED				D.D.H. No. <u>77 - 1</u> PAGE <u>6 of 6</u> CLAIM No. <u>Knight #1</u>						
DEPARTURE	DIP OF HOLE	COMPLETED					CTION AND DIS	TANCE FROM				
ELEVATION	DIP TESTS	DEPTH	DEPTH			NE. CLAIM POST						
FOOTAGE	DESCRIPTION		SAMPLE	F001		SAMPLE	AS	SAY				
FROM TO	DESCRIPTION		No.	FROM	<u> </u>	LENGTH						
	END OF HOLE											
	Recovery 84% in section 32.31 m to 91.7	4 m										
	NOTE: The interbedded siltstone and sandstone of the Kettle River formation of Eocene											
	will probably not comprise more than 12											
	Hole probed with Exploranium GR-	410 Gumma Lay Spectrometer										
	i											
		· · · · · · · · · · · · · · · · · · ·										

1	ΓΥ		CLAIM GROUP		JOHN C. LUND			r		D.D.H.	No. 77 - 2	F	PAGE 1 of 10	
LATITUD	E	L 2160 N	BEARING OF HOLE		STARTED Feb. 16/77				CLAIM NoKnight #1					
DEPART	JRE	477 W	DIP OF HOLE	-90	COMPLETED_	COMPLETED Feb. 24/77			<	DIRECTION AND DISTANCE FROM				
ELEVATI	ON	1335.04 (4380 ft.)	DIP TESTS		DEPTH	152.4 m		NE. CLAIM POST						
FOC	TAGE	1	······································		······································		SAMPLE	F00	TAGE	SAMPLE		ASSAY		
FROM	то		DESC	RIPTION			No.	FROM	то	LENGTH				
0	6.1	Casing in	Overburden and weathered	siltstone										
	8.84	Siltstone	rubble for 30 cm; rusty Remainder is siltstone			bon.								
	10.06	Siltstone	for 20 cm. then rusty san	lstone for 15 cm.										
	12.50 Siltstone with 2 thin sandstone beds. Recov. 76 cm angle to core 75°				;°									
	14.63	Siltstone	with interbedded sandston Sandstone 12.65 - 12.86 13.10 - 13.7 m impure p 14.50 - 14.63 m sst. w/	m w/ 24% "coaly" corly sorted										
	15.54	Siltstone		······										
, 	15.8	Siltstone	for 20 cm then 9 cm white i.e. cross bedding, gra											
	18.59	Siltstone	with fine beds and lamina <u>NOTE</u> : Most sandstone b <u>All carbonaceous</u> "coal" or "coaly	eds have some "coa material will be	aly" material	17.38 m								
	(70') 21.34	Siltstone:	With interbedded arkosi sst 22 cm at 20.1 m; 1 20 cm at 20.6 m Recovery + 95%				_							

DIAMOND	DRILL RECORD	LOGGED BY JOHN C. LUND	
PROPERTYKNIGHT	Г CLAIM GROUP		D.D.H. No. 77 - 2 PAGE 2 of 10
LATITUDE	BEARING OF HOLE	STARTED	CLAIM No. Knight #1
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
ELEVATION	DIP TESTS	DEPTH	NE. CLAIM POST

FOO	TAGE		SAMPLE	F00 ⁻	TAGE	SAMPLE		ASSAY	ASSAY	
FROM	то	DESCRIPTION	No.	FROM	то	LENGTH				
	(76')									
21.34	23.16	Siltstone: Interbedded sandstone: sst - 20 cm at 21.64 m.								
1		5 cm at 22.1 m; mixed siltstone and sst								
		22.25 m to 22.46								
	(79')									
	24.08	Siltstone: Recov. 0.6 m							_	
	(88')									
	26.82	Siltstone: with interbedded sandstone								
		sst: 13 cm at 24.08 m; 46 cm at 24.86 m with 3 - 5% coal								
 		15 cm at 25.54 m; coal approx. 1%-								
		(Recov: - 80%)								
	(96')									
	29.26	Siltstone: 30 cm of mixed white sst and dark volc. sst.								
		Possibly intermixed by soft sed. slumping.								
		Sst - 9cm at 28.27 m minor film coal (Recov. 1.98 m)								
		Thin laminae of sst throughout sect.								
		<u>NOTE: "Coaly" material near top of sst units in most instances</u>		ļ					-	
,	(103')									
_	31.40	Siltstone with interbedded sst: (Recov. 1.52 m)								
		sst: 11 cm at 29.36 m with coal in upper 2 cm								
L	ļ	10 cm at 29.58 m mixed with mudstone (?)								
		bedding disrupted by mudstone "concretions"								
	<u> </u>	42 cm of mixed sst and siltstone at 30.00 m							_	
		coal in sst only.								
	(111')									
	33.83	Siltstone with interbedded sst. First 25 cm is sst with coal fragments								
		and film.			1					
		sst: 16 cm at 31.85 m with 15 - 20% coal								
		25 cm at 32.33 m coarse grained dark possibly								
		some volc debris coal 8 - 12%					ļ			
		(Spec. at 32.00 m) Py in sst at 33.68 m (Recov. 0.47 m)								

DIAMOND	DRILL RECORD LO	GGED BY JOHN C. LUND	
PROPERTYKNIGHT	CLAIM GROUP		D.D.H. No. <u>77 - 2</u> PAGE <u>3 of 10</u>
LATITUDE	BEARING OF HOLE		CLAIM NoKnight #1
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
ELEVATION	DIP TESTS	DEPTH	NE. CLAIM POST

F00	TAGE	· #how too #		SAMPLE	FOOT	AGE	SAMPLE	 ASSAY	
FROM	то		DESCRIPTION	No.	FROM	TO	LENGTH		
33.83	(119') 36.27	Siltstone w:	ith a few thin beds of sst; occasional thin lamina of py on						
			bedding planes, thickness < 1 mm. (Spec. at 35.97 m) sst. generally has some coal; possible fault 34.38 - 34.60 m.						_
			Recov. 2.29 m						
	(122') 37.19	Siltstone:	very broken, soft in part and gougy - like (fault?) (Recov. 0.	46 m)				 	
	(127') 38.71	Siltstone:	with sst beds 38.1 m to 38.31 m. very little coal.					 	
		<u> </u>	section ends in rubble					 	
	(130') 39.62	Siltstone	Rubble Recov. 1.5'					 	
	(134') 40.84	Siltstone	with 3 cm sst bed at 40.03 m. (Recov. 0.91 m)					 	
			py lamina at 40.23 m (1 mm thick) in siltstone in light reddish brown bed possibly alteration halo.					 	
	(135.5') 41.30	Siltstone	(Recov. 30 cm)					 	
	(136') 41.45	Siltstone	(Recov. 20 cm)					 	
	(138') 42.06	Siltstone	(Recov. 45 cm); laminae of py at 41.76 m. in pale reddish-bro	wn					
			bed as above.						
	(153') 46.63	Siltstone	to 44.2 m then white sst to 45.11 m. change to sst. is gradual; 1 - 3% coal in the first 30 cm of	sst.					
	(161') 49.07	Siltstone	Very little sst. Py at 46.73 offset by small fault						

DIAMONI		GED BYJOHN C. LUND	· · · · · · · · · · · · · · · · · · ·
1	KNIGHT CLAIM GROUP		D.D.H. No. <u>77 - 2</u> PAGE <u>4 of 10</u>
	BEARING OF HOLE	STARTED	CLAIM NoKnight #1
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
ELEVATION	DIP_TESTS	DEPTH	NE. CLAIM POST

F00	TAGE		SAMPLE	F001	TAGE	SAMPLE	 ASSAY	
FROM	то	DESCRIPTION	No.	FROM	то	LENGTH		
49.07	(171') 52.12	Siltstone: with interbedded sst. 5.10 cm sst at 49.38 and 12.7 cm of						
		med. grey siltstone at 49.38. Coal - 5 - 8% in sandstone (Recov. 2.74 m)						
	(176') 53.65	Siltstone with interbedded sst. Angle to core axis of beds 70 - 75°.						
		sst. 2.5 cm at 52.12 3.5 cm at 52.42 "dirty" sandstone possibly volc. debris					 	
		5 cm at 52.73 with finely dissem py and 1 - 3% coal. 7.6 cm at 52.97 m with 3 - 5% coal and 1% py					 	
		2 cm coarse black sand at 53.19 has possibly 3% py. Recov. 1.5	m.				 	
	(178') 54.26	Siltstone: Recov9 m					 	
	(181.5)							
	55.32	<u>Siltstone: No sst. recov. 1.0 m</u>					 	
	(190) 57.90	Siltstone: with interbedded sst:						
		sst. 5 cm at 55.27 m; 25 cm at 56.69, 3 - 7% coal no py. 2.5 cm at 57.15 m with 1 - 2% coal						
		10 cm at 57.6 with 1 - 2% coal no vis. py (Recov. 2.3 m)					 	
	(193') 58.83	Siltstone: for 25 cm then sst for 25 cm. coal 5 - 7% py						
		finely dissem in sst. 1% or less. Bedding - 60% core axis.						
	(198') 60.3	Siltstone: with 12 cm of coarse dark sst at 59.19 and 2.5 cm at 59.59 m. with approx. 2% coal. Pyrite sparse. Siltstone this section						
		more shaley. Recov. 90%.						
	(201.5) 61.42	Siltstone rubble. Recov. 25 cm.					 	

DIAMONE		GED BY JOHN C. LUND	
PROPERTYKN	IGHT CLAIM GROUP		D.D.H. No. 77 - 2 PAGE <u>5 of 10</u>
	BEARING OF HOLE	STARTED	CLAIM No. Knight #1
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
	DIP TESTS	DEPTH	NE. CLAIM POST

FOO	TAGE			SAMPLE	F001	AGE	SAMPLE	ASSAY	
FROM	то		DESCRIPTION	No.	FROM	то	LENGTH		
6	(207')								
<1.42	63.09	Siltstone:	with interbedded sst.						
1			3 cm. sst at 61.52 m with 6 mm band of pyrite, some coal						
			at 61.77 m - 4 cm mixed sand and clay.					 	
			Possible fault zone at 61.97 m (Recov. 1.4 m)						
	(213')								
	64.92	Siltstone:	First 20 cm is rubble. Sst less than 10% this section.				_	 	
			Thin laminae of py at 64.19 extremely fine grained. Py also at						
			63.54 m and at 64.74 m. in an 11 cm bed of sst. Coal in all					 	
			sst units - 2 - 8% variable.						
L			(Recov. 1.5 m) (Spec. 64.19)				-	 	
	(223')								
	67.97	Siltstone:	with interbedded sst. Recov. 90%					 	
		sst.	1 cm with coal at 65.25 m						
			5 cm with coal at 65.42 m				_	 	
			10 cm with coal at 65.49 m						
L			2 cm with coal at 65.57 m					 	 <u></u>
			2.5 cm " coal at 65.62 m						
			4 cm with coal at 66.32 m					 	
			3 cm with coal at 66.92 m	-					
			Occasional trace of py in sst. but < 1%					 	
	(228')			į					
	69.50 (234)	Siltstone:	(Recov. 1.22 cm)					 	
	71.32	Siltstone:	Decrease in thicker sst beds. Only occasional thin bed. Fault						
			zone last 30 cm.						
			(Recov. 70% approx. 1.3 m)						
	(238')								
·	72.54	Siltstone:	With sst beds at 71.48 and 71.93					 	
	75.59	Siltstone:	Finely banded; sst less than 10% - bed thickness 5 cm or less.					 	
			Py at 74.37 and 75.44 as very fine laminae in siltstone (Recov. 80% 2.04 m).						

DIAMOND	DRILL RECORD	LOGGED BY JOHN C. LUND	
PROPERTYKNIGHT	CLAIM GROUP	P	D.D.H. No. <u>77 - 2</u> PAGE <u>6 of 10</u>
LATITUDE	BEARING OF HOLE	STARTED	CLAIM NoKnight #1
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
ELEVATION	DIP TESTS	DEPTH	NE. CLAIM POST

F001	AGE		SAMPLE	F001	TAGE	SAMPLE	ASSAY			
FROM	то	DESCRIPTION	No.	FROM	то	LENGTH				
72.54	75.59	(cont'd) NOTE: Pyrite occurs as extremely fine grains in a reddish								
		siltstone bed and is difficult to distinguish. There								
1		may be more than is visible.								
	(252')									
	76.80	Siltstone: with interbedded sst. (Recov. 0.72 m). Sst w/coal 7.6 cm at								
		75.68. There are several small sst beds 1 mm to 20 mm thick.								
		Bedding 65° to core axis.								
	(258')									
	78.64	Siltstone: with about 10% thin sst beds. Coal in most sst. (Recov. 1.9 m)								
										
	(268') 81,69	Siltstone: with increase in sst beds.								
	02,02	sst 2 cm at 78.74 m; 5 cm at 78.86 m w/ 5 - 8% coal								
		1.2 cm at 79.25 with coal and .3 cm at 79.4 with coal.	1							
		Fault zone 79.55 - 79.85								
		Other sst. beds: 2.5 cm at 79.85; 2 cm at 79.95;								
		7 cm at 80.77; 2.5 cm at 81.23								
		and 7.6 cm at 80.47		ļ						
I		(Recov. 2.9 m)		l						
1										
	(274')									
	83.52	As above. Broken for 30 cm at 81.9 m								
		Py in sst at 81.93 Coal about 8%.								
		Recov. 1.5 m.			1					
	(279')									
	85.04	Siltstone: with 10 - 12% sst as thin beds less than 1.2 cm; 1 - 2% coal								
	00.07	in sst.	_							
		Recov. 100%.								
	(284')									
	86,56	Fine bedded siltstone with 25 - 30% sandstone beds 1 mm to 5 cm thick.								
		Decrease in coal occasional visible grains of pyrite ($\langle 1\% \rangle$)								
		Recov. 1.52 m.		-						

DIAMOND	DRILL RECORD	LOGGED BYJOHN C. LUND	
PROPERTYKNIGHT	CLAIM GROUP	· · · · · · · · · · · · · · · · · · ·	D.D.H. No. 77 - 2 PAGE 7of 10
LATITUDE	BEARING OF HOLE	STARTED	CLAIM No. Knight #1
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
ELEVATION	DIP TESTS	DEPTH	NE. CLAIM POST

F00	TAGE			F00	TAGE	SAMPLE		ASSAY	ASSAY	
FROM	то	DESCRIPTION	No.	FROM	то	LENGTH				
	(290')									
86.56	88.39	As above								
	(300')									
	91.44	Massive fine siltstone for 1.5 m then 0.6 m of fine sst beds dip 65° to core								
		axis. Py $1 - 2\%$ in sst with $2 - 5\%$ coal. Remaining 0.9 ft is in								
		conglomerate. Fragments up to 7 cm in size rounded.								
		Recov. 2.9 m.								
	(305)							-		
	92.97	<u>Siltstone</u> with interbedded sst.: 20 cm of cse sandstone at 91.75 with								
		<pre>\$ 1% py. Coal 1% ±</pre>		1						
		Recov. 1.0 m.			ļ					
	(313')			i	1					
	95.4	Thin bedded siltstone with 15 - 20% interbedded sst.							+	
		<u>Sst.</u> 7.0 cm at 93.21 with coal								
		7.6 cm at 93.73 with $1\% \pm coal.$								
		7.6 cm at 94.27; 10 cm at 94.88. (Recov. 1.7 m)							1	
F	(318')									
	96.93	Rock same. Coal 1 - 3% sst rubble at 95.86								
		Recov. 0.9 m.								
	(326')									
	99.37	Siltstone: W/ interbedded sst Beds disrupted and in places appears								
		"crushed". Clay seam at 97.38 sst probably 30%. Coal present								
		Py < 1%. Fault (?) at 97.84. (Recov. 2 m)								
	(332')				1					
	101.2	Mainly siltstone with 10% interbedded sst. This run all rubble. Mud at			L					
		100.6 Fault (?)								
		(Recov. 0.9 m)		 					-	
	(339)									
L	103.33	Siltstone with 5 - 8% beds fine sst. 8.9 cm clay at 102 m. very little			1					
		coal. No py. Recov. 1.7 m.								
1										

DIAMOND DRILL R	ECORD LOGGED BY	JOHN C. LUND		
PROPERTYKNIGHT CLAIM GROUP			D.D.H.	No. <u>77 - 2</u> PAGE <u>8 of 10</u>
LATITUDE BEARIN	G OF HOLE	_ STARTED		LAIM No. Knight #1
DEPARTURE DIP OF	HOLE	_ COMPLETED		RECTION AND DISTANCE FROM
ELEVATION DIP TE	STS	_ DEPTH	NE	E. CLAIM POST

FOO	TAGE		SAMPLE	FOOT	AGE	SAMPLE				
FROM	то	DESCRIPTION	No.	FROM	то	LENGTH	·····			
70 13.33	(346') 105.46	Siltstone: rubble with sst last 60 cm. Coarse grained. Some coal	-							
		occasional grain py. Recov. 1.2 m.								
	(351') 106.99	Coarse sst: Light colour very little coal. Py < 1% Recov. 100%								
	(353') 107.60	Siltstone with interbedded sst. (40% fine white sandstone) 0.6 cm band py at 107.44 m.								
	(356') 108.5	36 cm <u>siltstone</u> then 7.6 cm of <u>seds. breccia</u> . Blebs of py in siltstone fragments in sst matrix. Then18 cm sst with 2 - 3% coal. (Recov. 0.6 m)								
	(365.5) 111.40	10 cm coarse sst. then 20 cm of siltstone with rock fragments. Then 50 cm								
		cse sst grading to conglomerate. Conglomerate bed 80 cm thick. Remainder in cse sst in places dark and one 12 cm conglomerate bed. Bits and film of coal throughout . Py in weakly dissem. as grains ≤ 1 mm but occasionally as large as 2 mm (Recov. 2.3 m)		-						
	(375') 114.3	Interbedded siltstone and sandstone. Apparent fold at 114.3 core angle								
		of 60° in sst with second core angle 65° opposing the first and with core of cse sand. Py sparse, coal 5 - 8%.								
	(2021)	Recov. 2.7 m. Sst approx. 50%.								
	(385') 117.34	Siltstone with interbedded sst to 114.9. Core angle 52 ⁰ sst beds up to 32 cm.grain size variable in individual beds.								
		From 114.9 - 115.8 rock intermixed silt and rock fragments giving a "dirty" sandstone appearance. Remainder is coarse white sand. (Recov. 2.7 m).								

DIAMOND	DRILL RECORD	LOGGED BY JOHN C. LUND	
PROPERTYKNIGHI	CLAIM GROUP		D.D.H. No. 77 - 2 PAGE 9 of 10
LATITUDE	BEARING OF HOLE	STARTED	CLAIM No. Knight #1
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
	DIP TESTS	DEPTH	NE. CLAIM POST

F00	TAGE		SAMPLE	FOOT		SAMPLE			ASSAY		
FROM	то	DESCRIPTION	No.	FROM	то	LENGTH					
	(390')										
117.34	1 1	Interbedded siltstone and sst. Sst approx. 50%. Coal 5-8% in sst.									
		Interbedded siltstone and sst. Sst approx. 50%. Coal 5-8% in sst. < to core 80° to 88°.									
		Recov. 1.2 m.									
	(400')										
	121.9	Interbedded siltstone and sst. Py < 1% Coal 1 - 3% in sst.									
		Sst. 12 - 20%. Recov. 2.75 m.									
	(410')										
	124.97	Black massive siltstone or black mudstone									
		short section sandstone at 122.8 m									
		Fragmental for 30 cm at 123.4 m								<u> </u>	
		Small coal frags. in sst.									
		(Recov. 3 m)									
	(420')	į į									
	128.0	Black mudstone : Slumping 127.1 - 128 m giving frags. of sst in black		ļ		_				·	L
		mudstone matrix.									
	110-51	(Recov. 1.9 m)				-	· · · · · · · · · · · · · · · · · · ·		+	<u> </u>	
1	(428.5) 130.6	<u>Sst</u> w/ fine laminae of coal (approx. 5 - 8%) py sparse. Core angle 65 ⁰ .									
		Recov. 1.5 m.									
	(436')										
	132.9	Intermixed Black shaley material and sst for 40 cm then more uniformly bedded	siltston	3							
		and sandstone.									
		Recov. 2.13 m.			·						
	(442)										
	134.7	Intermixed black mudstone material and sst.		ļ							
		30 cm mainly sst; then 20 cm of black with white rock frags;									
L	ļ	then 30 cm sst with 8 - 12% coal.							+	+	
		Remainder black shaley rubble. Recov. 1.4 m.									
										1	

D	IAMC	DND DRILL RECORD	ED BY JOHN C. LUND								
PROPER	ΤΥ	KNIGHT CLAIM GROUP			r		D.D.H.	No7	7 - 2	PAGE _	10 of 10
LATITUD)E	BEARING OF HOLE	STARTED				¢ c	LAIM No	. Kn	ight #1	·
DEPARTI	URE	DIP OF HOLE	COMPLETED					IRECTIC	N AND	DISTANCE F	ROM
ELEVATI	ION	DIP_TESTS	DEPTH				N	E. CLA	IM POST		
		DESCRIPTION		SAMPLE	FOOT	AGE	SAMPLE LENGTH			ASSAY	
FROM	то (452')			110.	FRUM	10	LENGTH				-
1 ' <u>34.7</u>	(452') 137.8	Black mudstone mainly with interbedded sst. No visible py. Rocks badly mi									

34.7	13/.8	Black mudstone mainly with interbedded sst. Sst. beds have 8 - 12% coal		 			
		No visible py. Rocks badly mixed and broken.					
	(150 ())			 			
	(458.6)						
	139.7	White sst and rock frags in black silty matrix (Spec. 138) Recov. 1.6 m.					
	(167 5)						
	(467.5)	Black mudstone (or siltstone) very little sst. Recov. 2.12 m.					
	1			 			
	(476.5)					1	
	145.23	As above.				1	
1	1101	C_{max} alternal introduct (2) on C_{max} by C_{max} (2) (as satisfy f					
L	149.4	Green altered intrusive (?) or Cache Cr. volcanics (?) (no evidence of		 			
		gneissic texture). Appears to have been crushed and healed.					
<u> </u>	(500')			 			
	152.4						
	152.4	Bottom of hole last 10 ft. lost.					
L	·			 			
1	i	END OF HOLE					
· · · ·							
			.				
		Hole probed with Exploranjum / beenetic GR-410 Commenter / pectrometer					
	<u>├</u>	in producting of the contract of the second	·	 			
			T T				
						l l	1
L				 		· · · · · · · · · · · · · · · · · · ·	
ļ							
ł					1		

PROPERTY		JOHN C. LUND				D. D. H. N₀.	77 - 3	PAGE 1 0	of 3
	2160 N BEARING OF HOLE	STARTED February 2	6, 1977			CLAI	M No	GHT #1	
DEPARTURE	278 E DIP OF HOLE - 90 ⁰	COMPLETED March 2,	1977		<		CTION AND D	STANCE FROM	N
		DEPTH 107.9 m				NE. (CLAIM POST		
FOOTAGE		· · · · · · · · · · · · · · · · · · ·	SAMPLE	FDO	FAGEmetre	SAMPLE	<u> </u>	ASSAY	<u> </u>
FROM TO	Depths in metric only DESCRIPTION		No.	FROM	то	LENGTH	3''8		
0 1.83	Casing. (1.51 m of Overburden)						ppm		
3.5	Dark Green - Black Basalt. Possibly olivine-bea	ring							
9.55	Basalt as above. (Spec at 4.69)								
23.61	Basalt. Alteration on fractures soft green possi	bly serpentine (Spec at 21.	.57)						
33.72	Volc. bcc. or Agglomerate: Red-brown to brick red.								
	Some fragments vesicular. Last 12 cm is m (Spec at 32.22).	assive basalt.							
39.32	Basalt with small laths of feldspar; Alteration on same as in hole 77 - 1.	fractures. This basalt							
47.85	Basalt as above: Fld. laths increase at 44.8, serpe on fractures. Occasional vug. (Spec. at								
67.66	Basalt with fld. phenocrysts and laths. Rc. becom Decrease fld. from 64.62.	ing less fractured.	321	87.48	89.3	meters 1.82	1.42 =		
			322	89.3	92.35	3.05	0.94		
87.78	Basalt with fld. laths to 87.48 then 30 cm of green sand grains and pebbles. Pebbles include	sst, siltstone,							
	granitic material and gneiss. In the last Fld. laths are altered to clay mins. (25 c at base of basalt).	m of core lost							
90.83	Polymictic Pebble conglomerate: Pebbles of siltsto	one, sandstone,							
	granitic material and gneiss cemented in a								

DIAMO	OND DRILL RECORD	LOGGED BY JOHN C. LUND	
PROPERTY	KNIGHT CLAIM GROUP		D.D.H. No. 77 - 3 PAGE 2 of 3
LATITUDE	BEARING OF HOLE	STARTED	CLAIM No
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
	DIP TESTS	DEPTH	NE. CLAIM POST

FOO	TAGE		SAMPLE	F00	TAGE	SAMPLE		SAY	
FROM	TO	DESCRIPTION	No.	FROM	то	LENGTH	50		
87.78	90.83	(Cont'd) Sand grains include qtz, fld., some K-fld (?) and fine					ppm		
		rock fragments. (Recov. 80 cm (25% -); Loss 2.25 m)							
	92.35	Sandy Clay: greenish grey; short sections of conglomerate (pebble). Occasional coal frag.							
		Recov.							
92.35	95.4	Coarse sandstone unconsolidated material cemented by clay. Some pebbles,	323	92.35	93.88	meters 1.53	5.54		
		a little coal. (Recov. 1.5 m)	324	93.88	95.40	1.52	5.07		
	96.93	Mainly conglomerate. (Recov. 40.6 cm.) Pebbles up to 3 cm.	325	95.40	96.93	1.52	1.53		
	98.45	Mixed fine pebbles in clay and sand.	326	96.93	98.45	1.52	1.06		
	100 m	Mixed. Clay sand and pebbles with fragments (angular) of siltstone.	327	98.45	100.20	1.75	0.35		
			328	100.2	100.9	0.70	0.35		
		NOTE: Recov. 93.88 - 95.40 - 1.45 m							
		95.4 - 96.93 - 0.50							
		96.93 - 98.45 - 0.80			 				
		98.45 - 100 - 1.55							
		89.3 - 90.83 - 0.30				-			
		87.78 - 89.3 - 0.60							

	AMC		BY JOHN C. LUND				D. D. H. No.	77 - 3	PAGE <u>3</u>	of 3
		BEARING OF HOLE	STARTED					A No		
EPARTI	IRE	DIP OF HOLE	COMPLETED			4		TION AND D	ISTANCE F	ROM
LEVATI	ON	DIP TESTS	DEPTH				NE. CLAIM POST			
FOO	TAGE TO	DESCRIPTION		SAMPLE No.	FOOTA FROM	GE TO	SAMPLE	,	ASSAY	
100	107.9	Mixed or interbedded siltstone and sandstone of formation. Sst. contains py and coal.	the Kettle River							
		END OF HOLE								
		,								-
<u>,</u>										
				· · · · · · · · · · · · · · · · · · ·						

DI	AMO	ND DRILL RECORD LOGGED BY	TATS TAKED	DA			K	ERR ADDISON	MINES LTD.		
PROPERT	YK	NIGHT CLAIMS, 17 KM EAST OF KELOWNA	- <u></u>			r		D.D.H. No.	NIGHT 77 - 4	PAGE 1 of	6
		+ 60N BEARING OF HOLE	STARTED	MARCH 4, 19	977				No KNIG	HT #1	<u> </u>
DEPARTU	RE6	+ 50E DIP OF HOLE -90°	COMPLETE	D <u>MARCH</u> 9, 19	977		<		CTION AND DI	STANCE FROM	1
		DIP TESTS CORE SIZE BQ	DEPTH	141.12 ^m (643 feet)				NE. (CLAIM POST		
FOOT	AGE (M)	DESCRIPTION			SAMPLE		TAGE	SAMPLE	A	SSAY	- <u></u>
FROM	TO	DESCRIPTION			No.	FROM	то	LENGTH			
0	3.81 M	Casing.									
3.81	19.63	Reddish brown volcanics. Agglomeratic									
		Mixture of vesicular portion (30%) and compact - aggle	omeratic mott	led							
		portion 50%, both reddish brown in colour. Grey of a state of the stat	coloured lava	(20%)							
		with altered green mafics up to 2mm and occasional flo <u>at 10.97m</u>) also present. <u>All fairly magnetic but no</u>		50 LO C.A.							 .
		Vesicular cavities often filled with soft waxy materia		n creamy							
			igh vesicular	volcanics.							
19.63	26.21	Basalt. Greenish grey coloured. Compact. Magneti Almost structureless, but by moistening vague flow bar		17 <u>8-58</u> 81							
		(20° to core axis at 24.38m). Rarely suspiceous spec pyrite present.						-			
26.21	26.82	Lost core.	<u> </u>								
26.82	32.31	Mainly basalt, greenish grey coloured and compact.									
		Occasional occurrence of vesicular volcanics in purpli (26.52? - 26.88m,28.35 - 29.44m, and 31.70 - 31.94m).	ish grey cold	our							
		Sporadical cracks stained with limonite. At 27.92m, fresh green coloured chloritic clay in crac	ck.								
32.31	37.80	Mainly vesicular volcanics. Fairly magnetic.	(+_1_2)	t a for							
		Almost all pores filled with pale green waxy mineral (open gas pores coated with bluish grey thin film.	-								
		Shattering present in light brownish coloured volcanic by dark green chloritic material as well as irregular									
		waxy mineral (talc?) roughly at angles of 30, 60 and	d rarely sub-	parallel							
		to C.A. All up to 5mm wide. Some sections, such									

DIAM	OND DRILL RECORD	LOGGED BYTATS TAKEDA	
PROPERTY	KNIGHT CLAIMS		D.D.H. No. <u>KNIGHT 77 - 4</u> PAGE <u>2 of 6</u>
	BEARING OF HOLE	STARTED	CLAIM No
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
ELEVATION	DIP TESTS	DEPTH	NE. CLAIM POST

FOOT	AGE Metres		SAMPLE	F00	TAGE Mata	SAMPLE			ASSAY	
FROM	то	DESCRIPTION	No.	FROM	то	LENGTH				
32.31	37.80	and 33.85 - 35.05m contain wad and locally completely altered to the mixture of wad and lesser cavity-filling talc (?) in pale green colour. Cracks by			32.31m		18 - 20	C.P.S.		
(cont'd)		drying. Gradational change to the next.			33.22m		18 - 20	C.P.S.		
37.80	43.13	Basalt. Dark grey coloured. Fine grained. Fairly magnetic.			41.45m		24 - 26	C.P.S.		
		Irregular cracks filled with serpentine films common which make core blocky. 39.01 - 39.93 m Frequent wavy slips of serpentine, more or less 30 - 40° to C	.A.							
43.13	44.04	Mainly vesicular volcanics. Fairly magnetic.								
		Similar to 32.31 - 37.80m, wad and pale green talc present.								
44.04	45.11	Basalt. Dark grey coloured. Fine grained. Fairly magnetic.								
	r.	Wavy cracks coated with serpentine, more or less at every 10 cm interval.								
45.11	46.63	Lost core.								
(46.63	48.16)	Only 60 cm core recovered.								 ļ
46.63	46.943	Dark grey basalt, similar to 44.04 - 45.11m.								
46.94?	48.16	Vesicular basalt. Brick red coloured mostly.								
		Gas pores open and coated with bluish grey film. Minor pale coloured, soft section networked with grey waxy veinlets (talc?)			49.68					
48.16	55.17			48.16	49.68		Lost 60	cm of	core.	
		grained compact basalt (30%) in mixture; Both magnetic. Chlorite and radial zeolite (lmm dia.) in irregular cracks in basalt (20° to		49.68	51.21		Lost 15	cm of	core.	
		C.A. mainly). Reddish coloured, vesicular, scoriae present in brick red matrix and linked gas		51.21	52.73		Lost 15	cm of	core.	
		pores now filled with dark green chlorite and pale green waxy mineral (talc?)								

DIAMOND	DRILL RECORD	LOGGED BY TATS TAKEDA	
PROPERTYK	NIGHT CLAIMS		D.D.H. No. KNIGHT 77 - 4 PAGE 3 of 6
	BEARING OF HOLE	STARTED	CLAIM No
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
	DIP TESTS	DEPTH	NE. CLAIM POST

F00'	TAGE		SAMPLE	F001	ΓAGE	SAMPLE			ASSAY	
FROM	то	DESCRIPTION	No.	FROM	то	LENGTH				
4 '8.16	55.17	(cont'd) (Cemented three times, but could not stop loss of water in		52.73	54.	25	Lost	120 cm (of core.	
		the hole. Decided to haul water by truck five or six times per shift.)		54.25	55.	17	Lost	75 cm	of core.	
55.17	58.83	Olivine Basalt. Dark grey coloured. Fine grained. Compact.								
		Sporadical olivine phenocrysts up to 2 mm x 4 mm in size. Least fractured good run.								
58.83	94.70	Olivine Basalt. Greenish grey coloured. Compact and almost solid.								
		Abundant olivine phenocrysts in aggregate up to $12mm \ge 5mm$ at $90.83m$. 1 - 2% in volume. Fairly magnetic.								
		Dark green chlorite mixed with hematite in cracks @ 5 - 10% to C.A 66.14 - 66.29 m, 67.82 - 68.28 m and 75.74 - 76.20 m. Also 82.90 - 83.21 m								
		(Chlorite only).	-							
	(93.88)	Pyrite film in a quartz hairline @ 10 ⁰ to C.A.		93.88	-		18-21	C.P.S.		
y4.70	107.59	Mainly pale green coloured sediments		94.79			20-22			
(94.70	95,10)	Pale grey coloured, silty sediments with fine siliceous grains.								
		Abrupt change from the 3 cm wide bleached zone of fine grained basalt. Contact irregular and wavy @ 45° on average.								
(95.10	95.71)			95.40			23-25			
		Angular fine chips of mudstone erratically scattered in light brownish grey coloured mixture or sandstone and lesser clay.								
(95.71	96.93)	Gouge. Greenish grey coloured. Upper contact @ 70 ⁰ to C.A.		96.62			20-23	-		
										l

DIAMOND	DRILL RECORD	LOGGED BY	TATS TAKEDA		
PROPERTY	KNIGHT CLAIMS			D.D.H. No. KNIGHT 77 - 4 PAGE 4 of 6	
LATITUDE	BEARING OF HOLE		STARTED	CLAIM No	
DEPARTURE	DIP OF HOLE	·····	COMPLETED	DIRECTION AND DISTANCE FROM	
	DIP TESTS		DEPTH	NE. CLAIM POST	

FOO	TAGE		SAMPLE	F00	TAGE	SAMPLE			ASSAY		
FROM	то	DESCRIPTION	No.	FROM	то	LENGTH					
96.93	98.45?)	Angular small mudstone chips (10%) and rounded fragments of pale,								L	
1		feldspathic altered rock in light greenish grey matrix of coarse arkose									
		sand and clay. Soft.	1							ļ	<u> </u>
(98.45?	107.59)	Greenish grey coloured silty sediments									
		Rare mudstone chips and light grey felsic fragments near 106.07m.									<u>+</u>
		Coarse sandy material with chlorite indicate bedding @ 85° to C.A.									
		Sticky and scratchable.								+	+
107 59	116.43	Mainly brownish grey coloured sediments		107.90			20-22	C.P.S.			
107.55	110145									+	
		Intensely crushed into messy aggregate of: (i) Angular dark mudstone chips 10 - 30%									
		(i) Chloritized greenish grey fragments (mostly 2 cm in diameter) 3%	<u> </u>			+	ł			+	+
		(iii) Coarse sand - pebble of leucocratic felsic granular rock									
		origin and clay as matrix.								1	+
		(iv) Locally, unconsolidated pebble stone		108.20	with 1	ignitic	coal				
·		(1)					18-21				
										+	+
	(108.45)	A piece of lignite		109.12	· · · · · ·		20-24				
(110 ()	110.80	Lignite bearing soft, silty sandstone @ 80° to C.A.									
1 110.04	110.00	Dignice Dearing Soir, Sirry Sandstone 6 00 to C.M.			110 / -	1	10.00			+	<u>†</u>
(113 60	116.13	Parallel alignment of platy chips of mudstone in light brownish grey		117.71	112.47		19-23				
17 113.03	110.13	coloured sandstone - pebblestone.		112.78		1	20-24		1		1
(110.00	11/ 15	114.3. & 114.6m) Rare rounded fragments of felsic porphyry. More or less 4 cm		113.69			20-22				
(113.69	114.15	114.3, & 114.6m) Rare rounded fragments of felsic porphyry. More or less 4 cm across in this section of pebblestone. Trace pyrite bearing.	+			+	 			+	+
		across in this section of peoplestone. Trace pyfile bearing.		114.91			18-21				
				1	L						

DIAMOND	DRILL RECORD	LOGGED BY TATS TAKEDA	
PROPERTY	KNIGHT CLAIMS		D.D.H. No. KNIGHT 77 - 4 PAGE 5 of 6
	BEARING OF HOLE	STARTED	CLAIM No.
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
ELEVATION	DIP TESTS	DEPTH	NE. CLAIM POST

F00	TAGE		SAMPLE	F00	TAGE	SAMPLE			ASSAY		
FROM	TO	DESCRIPTION	No.	FROM	TO	LENGTH					
16.43	123.14	Light coloured, coarse - pebbly arkose sandstone as coal horizon, with		115.82			20-24				
		banded sections of brownish dark coloured mudstone.		116.28	(Coal)		16-20				
	(116.43	- 121.77) Mainly light coloured, unconsolidated pebblestone. <u>Sporadical sections of soft, crumpled mudstone: 117.04 - 117.50m,</u> 118.32 - 119.94m.		116.74	119.98		15-20				
	(119.94	- 119.96 m) Contact of 2 cm wide coal and consolidated (still scratchable) sandstone @ 60° to C.A.		119.94	120.24		18-23				
	(119.96	- 120.40m) Fine coal chips scattered in consolidated, coarse grained sandstone									
	(118.62 (121.77	- 119.96m) Coal bearing horizon. - 123.14m) Finer grained sandstone interbanded with coal bearing brownish dark sediments @ 70° to C.A.		121.31	122.68		19-24				
<u>_</u> 23.14	128.47	Mainly sandstone with minor dark coloured sections of mudstone. Light coloured, coarse grained and poorly consolidated		124.05 125.88	127.41		20-24 17-22				
128.47	131.92	Alternate bands of dark coaly ? mudstone and coarse grained, weakly consolidated sandstone (50:50)		128.93	130.45		19-23				
	(124.05 (128.63	128.93) Coaly? band @ 80° to C.A.									
	(128.99) (129.27 (131.89m	129.42) Mudstone band @ 80 [°] to C.A.									
131.92		Mainly dark mudstone with irregular, 2 - 3cm thick bands of sandstone @ 45 - 80 ⁰		131.98			19-22	C.P.S.			
		Lower contact @ 3° to C.A.									

DIAMOND DRILL RECORD LOGGED BY _____ TATS TAKEDA PROPERTY _____KNIGHT CLAIMS **D.D.H.** No. KNIGHT 77 - 4 **PAGE** 6 of 6 LATITUDE ______ BEARING OF HOLE ______ STARTED _____ CLAIM No. DEPARTURE ______ DIP OF HOLE ______ COMPLETED ______ -DIRECTION AND DISTANCE FROM

ELEVATION ______ DIP TESTS _____ DEPTH _____

NE. CLAIM POST

F00	TAGE Meder		SAMPLE	F00	TAGE ".	SAMPLE			ASSAY		
FROM	то	DESCRIPTION	No.	FROM	TO	LENGTH				T	
(132.89) 32.89	136.55	Pale, light coloured, altered rock More argillic alteration for the first 60cm and then more silicified section		133.50	135.03		15-18				
		with minor dissemination and stringers of pyrite									<u></u>
136.55	141.12	Monashee Group rock									
		Chloritized and locally pink feldspathized mottled rock. No biotite present Intensely crushed sporadically.		138.07			18-20				
									2		
											· · · · · · · · · · · · · · · · · · ·
		End of Hole		Instru	ient use	d: 077	drille	ere	L		
		/		I	ortable	Gamma I	Ray Scin	tillome	ter		
				N	anufact	RS-101) ured by					
				Instru	ment di	ed : or	bore ho	1.			
					Explore	enium	6R - 41	o Gánn	na Ray	Spectron	eter
					1						
											<u> </u>
						· · · · · ·					

		JOHN C. LUND					IGHT 77 – 5 P	▲ GF 1 of 4
	3250N BEARING OF HOLE	STARTED March 1	5, 1977				No. Knight #	
	D50E DIP OF HOLE -90				<	NI	ION AND DISTAN	
	469.15 (4820) DIP TESTS	DEPTH 87.78 m	(288')			NE. CL	AIM POST	
FOOTAGE FROM TO	CORESIZE BQ. DESCRIPTION		SAMPLE No.	FOOT	AGE TO	SAMPLE LENGTH	ASSAY	
0 6.0	Overburden Casing.							
10.06	Basalt rubble mgte - 12%							
39.0	Basalt greenish black, in places small green gra Feldspar phenocrysts irregularly distribu from 25.9 - 26.8 and 29.5 - 31.39 meters. Mgte fairly uniform throughout - 10 - 12%	ted; most prominent						
40.54	Lost core.							
42.06	White unconsolidated to semi-consolidated <u>qtz - fel</u> matrix. Small greenish grain of gneiss granitoid material up to 1 cm in size. grain size is 3 - 7 mm. (Recov. 1.52m).	(?) scattered pebbles						
44.5	No change.							
45.11	<u>15 cm chloritic mud. Remainder qtz feldspar sa</u> colour. Greenish rock possibly derived							
46.63	60 cm of core recovered. Rc. as above.							
48.16	80 cm of brown stained coarse <u>quartz-feldspar</u> sands granitoed material gneiss (?) and occasion volcanic pebbles. No obvious py. Rema grey sst. with pebbles of Kettle River si greenish monashee gneiss. Recov. 1.3m.	nal siltstone and inder is light						

DIAMON	D DRILL RECORD	LOGGED BY JOHN C. LUND	
	KNIGHT CLAIMS		D.D.H. No. <u>KNIGHT 77 - 5</u> PAGE <u>2 of 4</u>
	BEARING OF HOLE	STARTED	CLAIM No.
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
ELEVATION	DIP TESTS	DEPTH	NE. CLAIM POST

F00	TAGE		SAMPLE	FOOT	AGE	SAMPLE	 ASSAY	
FROM	то	DESCRIPTION	No.	FROM	TO	LENGTH		
48.16	49.68	Rc coarse sst as above increase in angular fragments of Kettle River siltstones	s.				l.	
		Run ends in Dark fawn siltstone. (Recov. 1.5m).						
	51.2	Interbedded siltstone and sandstone of Kettle River formation (50:50). Bedding angle to core 75 ⁰ - 80 ⁰ . (Recov. 1.2m)						
	52.73	As above. Recov. 5 cm.						
	57.30	Mainly dark broken mudstone; clay at 53.26 sand at 56.0; coal in some ssf sections, py weakly dissem. Recov. 4.6m.					 	
	60.35	Mudstone mainly: Recovery 2.75m.					 	
	61.8	Mudstone (possibly more siltstone) with interbeds of sst. Remainder is mainly sandstone. (Recov. 1.35m).					 	
	63.3	Pebble congl. for 90 cm. Pebbles granitic and gneissic. Last put 50:50 siltstone and sandstone. Recov. 1.45m.						
	64.9	Siltstone and Sandstone interbedded. Occasional py.					 	
	69.65	Mudstone with thin interbeds fine sst. Recov. 4.6m.					 	
	71.01	Mixed <u>pebble conglomerate</u> and <u>coarse sandstone</u> . Pebbles granitic, gneissic, minor volc. (?). Recov. 1.00m.			·		 	
								 · · · · · · · · · · · · · · · · · · ·

DIAMOND	DRILL RECORD	LOGGED BY JOHN C. LUND	
PROPERTY	KNIGHT CLAIMS		D.D.H. No. KNIGHT 77 - 5 PAGE 3 of 4
LATITUDE	BEARING OF HOLE	STARTED	CLAIM No
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
	DIP TESTS	DEPTH	NE. CLAIM POST

F00	TAGE		SAMPLE	FOOT	AGE	SAMPLE	 ASSAY	
FROM	то	DESCRIPTION	No.	FROM	то	LENGTH		
71.01	72.54	Mixed pebble conglomerate with interbedded mudstone at 71.60.					 	
1		Recov. 1.2m.						
		Note: Silt irregularly distorted, broken and mixed up in conglomerate	•				 	
		Du anorra very little coal					1	
	74.66	Grey coarse sandstone and conglomerate. Py sparse, very little coal (Recov. 2.1m)					 	
		(Recov. 2.1m)						
	75.59	Black mudstone with thin sst seams (Recov. 90cm).					 	
	77.12	15 cm coarse sst thin black mudstone. Rc. has an unusual crushed look.						
	17.12	Rubble 76.4 - 77.12. Recov. 1.00m.						
		<i>j</i>					 	
	78.64	Mainly mudstone: Recov. 60 cm.						
	80.16	Mainly white sst with increase mud last 60 cm. Coal as thin films and						
,		frags. possible 15 - 20% from 79.0 - 79.7 cutting core axis at about 35°.						
		No Py. Recov. 1.5m.					 	
	81.69	Crumpled interbedded mudstone and sandstone. Last 30 cm. is coarse sst.	-					
		Recov. 1.4m.						
	83.21	Coarse sst. for 7 cm then mixed mudstone and sandstone for 30 cm.						
		25 cm. sandstone then remainder mudstone and sst. Recov. 1.2m.					 	
		Py sparse in sst.						
	83.91	Mudstone semi consolidated some pebbles monashee. Recov. 30 - 40 cm.						
<u> </u>		Note: Hand scint increase from background of 20 - 22 up to 40 - 42 cps					 	
		this section.						
							 l	

DIAMOND	DRILL RECORD	LOGGED BY JOHN C. LUND	
PROPERTY	KNIGHT CLAIMS		D.D.H. No. 77 - 5 PAGE 4 of 4
LATITUDE	BEARING OF HOLE	STARTED	CLAIM No.
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
	DIP TESTS	DEPTH	NE. CLAIM POST

F00	TAGE		SAMPLE FOOT		AGE	SAMPLE		ASSAY		
FROM	то	DESCRIPTION	No.	FROM	TO	LENGTH				
83.91	84.7	Green mottled gneiss (?) gneissic texture vague; laced by fine								
1		fracture and veinlets of epidote and occasional quartz. Rc chloritic								
		and has crushed appearance Py weakly dissem. Recov. 1.00m.								
		No pink K-spar as in DDH 77 - 4.								
			-							
	87.78	Green altered basement rock possibly altered monashee gneiss.								
		More massive than last run but gneissic texture vague.								
							······			
			-							
		END OF HOLE	1							
					<u>.</u>					
	Í									
								· · · · · · · · · · · · · · · · · · ·		
		Drill Hole probed with Exploranium GR-410 Gamma Ray Spectron	eter							
		Startic prepart and the								
1										
					· · · ·					
			!							
1										
									·····	
1										1
			ĺ							
										
 						1 1				

	Y	KNIGHT GROUP	, KELOWNA, B.C.						D.D.H	. No. KNI	GHT 77	<u>- 6</u> P	AGE 1 d	of 5
				-								IGHT #1		
					COMPLETEDMARCH 27		_	<	l Nj			DISTAN		
			DIP TESTS		DEPTH) N	IE. CLA	IM POS	Г		
F001	AGE (M)	ena	CORE SIZE	BQ		SAMPLE	FOC	TAGE	SAMPLE	GR5-1	01 Ganin	w ASSAY R	af Speta	mictur La
FROM	TO		DESC	CRIPTION		No.	FROM	то	LENGTH		Au	Cu	<u> </u>	Оп
0	1.71	Casing.							Lost Core					
1.71	9.60	pores up to	cular volcanics. Pale 1 cm x 3 cm. Occasion		00		1.71m	6.86m	1.4m					
			<u>th faint reddish tint.</u> Om) - Transitional zone.	Light brownish	- buff coloured.					3.81m	25-28	C.P.S.		
9.60	13.11	Agglomerate. Cocoa brown coloured. Reddish brown coloured, rusty chips (2 - 5mm in size) and pale grey, angular pyroclastic fragments up to				14.63	16.15	1.1						
(13.11	19.20)	(2 - 5mm in 1 cm x 4cm		gular pyroclasti	lc fragments up to		19.20	20.73	1.2					
(19.20 -	24.96)		ceous, easily brittled p disturbed banding (30 Transitional change to		levelopment of agglomeratic noticed. Very weakly		20.73	22.25	1.5					
24.96	31.39	Fairly magn	reenish grey coloured. etic. Cracks coated wi re or less 20° to C.A. s	th dark brown li	tmonite. Faint flow									
(31.24	31.39)		1 zone containing fine v 4 cm across and green s											
31.39	34.44	1 cm apart	colour grading, tiny gre in fine grained, grey ma	trix. @ 0 - 90	varpy bands, more or less O to C.A. Variable.	-				31.70m	24-27	C.P.S.		
		Probably gr	adational change to next	•										
34.44	40.23		colour grading. Fairl ng: 20 ⁰ at 35.05m and 6											

DIAMOND DRILL RECORD LOGGED BY ______ TATS TAKEDA

PROPERTY		[D.D.H. No. Knight 77 - 6 PAGE 2 of 5
LATITUDE	BEARING OF HOLE	STARTED	CLAIM NoKNIGHT #1
DEPARTURE	DIP OF HOLE 90°	COMPLETED March 27, 1977 <	DIRECTION AND DISTANCE FROM
ELEVATION	DIP TESTS	DEPTH	NE. CLAIM POST

TAGE	DESCRIPTION S		FOOT	AGE	SAMPLE			ASSAY		
то	DESCRIPTION	No.	FROM	TO	LENGTH					
45.11	Vesicular basalt. Brownish grey coloured. Sporadical tiny gas pores besides large irregular cavities with brownish yellow filling.									
46.18	Compact basalt. Faintly purplish grey coloured. Fairly magnetic.					:				
46.33	Transitional zone.									
47.24	Grey compact basalt with crumpled fine banding of colour grading.									
47.85	Brownish grey coloured, vesicular basalt with limonite stained, irregular cavities.									
49.93	Similar to the section 46.33 - 47.24m. Compact grey basalt.									
52.97	Scoriaceous facies of basaltic volcanics. Brownish grey - reddish brown coloured Limonite filling in irregular large cavities. Fairly magnetic.									
	End of oxidized zone. No more limonite on cracks below this level.									
60.35	Compact, fine grained basalt. Greenish grey coloured. Fairly magnetic. Cracks now coated with serpentinite.				_					
- 53.40)	Fragmental inclusions of fine granular chips. Serpentinized?									
63.09	Basalt with rare olivine phenocrysts. Faintly purplish grey coloured. Sporadical irregular cracks coated with yellowish green serpentinite.									
- 62.18) - 63.09)	Soft altered section. Yellowish green coloured. Same as above.				-					
71.63	Olivine basalt. Greenish grey coloured. Fairly magnetic. Compact. Rare cracks filled with chlorite. Aggregates of olivine phenocrysts still small and sparsely distributed.									
	то 45.11 46.18 46.33 47.24 47.85 49.93 52.97 60.35 53.40) 63.09 62.18) 63.09	TO DESCRIPTION 45.11 Vesicular basalt. Brownish grey coloured. Sporadical tiny gas pores besides large irregular cavities with brownish yellow filling. 46.18 Compact basalt. Faintly purplish grey coloured. Fairly magnetic. 46.33 Transitional zone. 47.24 Grey compact basalt with crumpled fine banding of colour grading. 47.85 Brownish grey coloured, vesicular basalt with limonite stained, irregular cavities. 49.93 Similar to the section 46.33 - 47.24m. Compact grey basalt. 52.97 Scoriaceous facies of basaltic volcanics. Brownish grey - reddish brown coloured Limonite filling in irregular large cavities. Fairly magnetic. 60.35 Compact, fine grained basalt. Greenish grey coloured. Fairly magnetic. 53.40 Fragmental inclusions of fine granular chips. Serpentinized? 63.09 Basalt with rare olivine phenocrysts. Faintly purplish grey coloured. Sporadical irregular cracks coated with yellowish green serpentinite. 61.09 Same as above. 71.63 Olivine basalt. Greenish grey coloured. Fairly magnetic. Compact, Rare cracks filled with chlorite. Aggregates of olivine phenocrysts	TO DESCRIPTION No. 45.11 Vesicular basalt. Brownish grey coloured. Sporadical tiny gas pores besides large irregular cavities with brownish yellow filling.	TO DESCRIPTION No. FROM 45.11 Vesicular basalt. Brownish grey coloured. Sporadical tiny gas pores besides large irregular cavities with brownish yellow filling.	TO DESCRIPTION No. FROM TO 45.11 Vesicular basalt. Brownish grey coloured. Sporadical tiny gas pores besides large irregular cavities with brownish yellow filling.	TO DESCRIPTION No. FROM TO LENGTH 45.11 Vesicular basalt. Brownish grey coloured. Sporadical tiny gas pores besides	TO DESCRIPTION No. FROM TO LENGTH 45.11 Vesicular basalt. Brownish grey coloured. Sporadical tiny gas pores besides Image integular cavities with brownish yellow filling. Image integular cavities with brownish yellow filling. Image integular cavities with brownish yellow filling. 46.18 Compact basalt. Faintly purplish grey coloured. Fairly magnetic. Image integular cavities with brownish yellow filling. Image integular cavities. 47.24 Grey compact basalt with crumpled fine banding of colour grading. Image integular cavities. Image integular cavities. 47.85 Brownish grey coloured, vesicular basalt with limonite stained, intregular cavities. Image integular cavities. Image integular cavities. 49.93 Similar to the section 46.33 - 47.24m. Compact grey basalt. Image integular cavities. Image integular cavities. 52.97 Scoriaceous facies of basaltic volcanics. Brownish grey - reddish brown coloured limonite filling in irregular large cavities. Fairly magnetic. Image integular cavities. Image integular cavities. 60.35 Compact, fine grained basalt. Greenish grey coloured. Fairly magnetic. Image integular cavity caves. Image integular caves. 63.09 Basalt with rare olivine phenocrysts. Fairly purplish gree coloured. Soft altered section. Yellowish green coloured. Image integular caves. <	TO DESCRIPTION No. FROM TO LENGTH 45.11 Vesicular basalt. Brownish grey coloured. Sporadical tiny gas pores besides large irregular cavities with brownish yellow filling. Image: Compact basalt. Faintly purplish grey coloured. Fairly magnetic. Image: Compact basalt. Faintly purplish grey coloured. Fairly magnetic. 46.18 Compact basalt. Faintly purplish grey coloured. Fairly magnetic. Image: Compact basalt with crumpled fine banding of colour grading. Image: Compact basalt with crumpled fine banding of colour grading. Image: Compact basalt with crumpled fine banding of colour grading. Image: Compact basalt with crumpled fine banding of colour grading. Image: Compact basalt with crumpled fine banding of colour grading. Image: Compact basalt with crumpled fine banding of colour grading. Image: Compact basalt with crumpled fine banding of colour grading. Image: Compact basalt with crumpled fine banding of colour grading. Image: Compact basalt with crumpled fine basalt. Image: Compact basalt with crumpled fine basalt. Image: Compact basalt with crumpled fine basalt. Image: Compact basalt with serpenting: Compact basalt. Image: Compact basalt with serpenting: Compact basalt. Image: Compact basalt with serpenting: Compact basalt. Image: Compact basalt. Ima	TO DESCRIPTION No. FROM TO LENCTM 45.11 Vesicular basalt. Brownish grey coloured. Sporadical tiny gas pores besides	TO DESCRIPTION No. FROM TO LENCTH 45.11 Vesicular basalt. Brownish grey coloured. Sporadical tiny gas pores besides Iarge irregular cavities with brownish yellow filling. Image: Sporadical tiny gas pores besides Image: Sporadical tiny gas pores besides Image: Sporadical tiny gas pores besides 46.18 Compact basalt. Faintly purplish grey coloured. Fairly magnetic. Image: Sporadical tiny gas pores besides Image: Sporadical tiny gas pores besides Image: Sporadical tiny gas pores besides 46.18 Compact basalt. Faintly purplish grey coloured. Fairly magnetic. Image: Sporadical tiny gas pores besides Image: Sporadical tiny gas pores besides Image: Sporadical tiny gas pores besides 46.18 Compact basalt. Faintly purplish grey coloured. Fairly magnetic. Image: Sporadical tiny gas pores besides Image: Sporadical tiny gas pores besides Image: Sporadical tiny gas pores besides 47.24 Crey compact basalt with crumpled fine banding of colour grading. Image: Sporadical tiny gas pores basalt. Image: Sporadical tiny gas pores basalt. Image: Sporadical tiny gas pores basalt. 49.93 Similar to the section 46.33 - 47.24m. Compact gravities. Fairly magnetic. Image: Sporadical tiny gas pores basalt. Image: Sporadical tiny gas pores basalt. Image: Sporadical tiny gas pores basalt. Image: Sporespore tiny gas pores basalt.

DIAMOND DRILL RECORD

LOGGED BY _____ TATS TAKEDA

PROPERTY			D.D.H. No. Knight 77 - 6 PAGE 3 of 5)
	BEARING OF HOLE	STARTED	CLAIM No. Knight #1	
DEPARTURE	DIP OF HOLE 90°	COMPLETED MARCH 27, 1977	DIRECTION AND DISTANCE FROM	
	DIP TESTS	DEPTH	NE. CLAIM POST	

OTAGE	SAMPLE	SAMPLE		ASSAY		
ТО	No.	LENGTH				
		Lost				
103.02m	g					
	9	03.02m	core	core	core	core

DIAMOND DRILL RECORD LOGGED BY _____

PROPERTY				D. D. H. No	PAGE _4 of 5
	BEARING OF HOLE	_ STARTED		CLAIM No	
DEPARTURE	DIP OF HOLE	_ COMPLETED	<	IN DIRECTION AND D	ISTANCE FROM
ELEVATION	DIP_TESTS	DEPTH	-	NE. CLAIM POST	

FOOTAGE		SAMPLE	F00	TAGE	SAMPLE	GR5-101	Gamma	-ASSAY Ra	Spectrometer Ed
FROM TO 1	DESCRIPTION	No.	FROM	TO	LENGTH	Ag	AU	-60	on prill corte
(103.02 - 104.58)	Mudstone. Lighter brownish grey coloured. Containing rare pale green tuffaceous chips.		103.02	104.55	Lost Cor 1.10	e			
(104.58 - 106.34)	Pebbles and angular platy chips of sandstone and lesser mudstone in very light brownish, grey arkosic sand and clayey matrix.								
(106.34 - 108.51)	Greenish grey coloured tuff. Coarse sandy grains mixed.		106.07	107.59	0.75	108.51	24-28	C.P.S.	
(108.51 - 109.73)	Pebbles and small gravels in light brownish coloured matrix of arkosic sandstone and minor mudstone. Poorly consolidated.		109.12	110.64	0.3	109.12	25-33	C.P.S.	
(109.73 - 111.40)	Light grey coloured arkosic sandstone with faint brownish tint. Contact at 111.40m @ 75° to C.A.		110.64	112.17	0.3				
(111.40 - 111.59)	Sticky clayey tuff. Light greenish grey coloured.		112.17	113.69	1.5				
(111.59 - 116.74)	Pebblestone. Light brownish grey - pale greenish coloured. Sticky clayey matrix mixed with some sandy material.			115.21					
(116.74 - 118.29)	No core from 112.17 to 113.69m. Sticky clay. Very light brownish grey coloured. At 117.44m cocoa		115.21	116.74	0.6				
(118.29)	brown coloured, rotten wooden ships replaced by limonite Banded contact @ 75 - 80° to C.A.				Lost	118.29	24-28	C.P.S.	
(118.29 - 122.83)	Pebbles in coarse, grained arkosic sandstone. Light brownish coloured. 120.85 - 121.01m, heavily limonitized chips of rotten wood origin.		118.26	119.79	Core 0.60m	120.70	24-28	C,P,S.	
(122.83 - 125.88)	Transitional zone? Very poor core recovery. Lost 85% of core.		122.83	124.36	1.30				
(125.88 - 126.95)	Sheared arkosic sandstone with thin layers of brownish dark grey mudstone. @ 45° to C.A.		124.36	125.88	1.30				

DIAMOND DRILL RECORD

LOGGED BY ______ TATS TAKEDA

PROPERTY			D.D.H. No. KNIGHT 77 - 6 PAGE 5 of 5
	BEARING OF HOLE	STARTED	CLAIM NoKNIGHT #1
DEPARTURE	DIP OF HOLE	COMPLETED MARCH 27, 1977	DIRECTION AND DISTANCE FROM
ELEVATION	DIP TESTS	DEPTH	NE. CLAIM POST

F001	TAGE		SAMPLE	FOOT	AGE	SAMPLE	GRS-10	1 Rog	ASSAY-	on Const	
FROM	ТО	DESCRIPTION	No.	FROM	то	LENGTH	Ag	Au	Lu		
126.95	- 129.94)	Mainly brownish dark grey mudstone with sporadical narrow bands of arkosic sandstone @ 80° to C.A.									
(129.94)		Bottom of sediments. Very sharp contact from massive compact mudstone to pale altered basement rock @ 80 to C.A.									
129.94	139.29	Leucocratic felsic rock. Intensely shattered and argillic altered.									
(129.94		Sticky clayey altered rock. Pale coloured. Minor pyrite occurrence in hairlines as well as much less dissemination.					130.15m	26-31	C.P.S.		
(131.52	-139.29)	Angular leucocratic felsic chips by crushing enclosed in pale clayey (mainly Kaolinite) matrix. From 133.81m towards bottom, increasing chlorite in matrix.					134.11m	24-28	C.P.S.		
139.29		END OF HOLE. Aun-hole Probing done by Noranda (7 - 9.30 p.m., March 27, 1977). Instr.: Exploranum Geometric's GR-401 Gummi Ray Spectrometer	-								
		Listr., Exploration (Geometric's GR-40) Granmat Ray spectrum 44									