1975 DRILLING REPORT

KEMESS PROPERTY Omineca Mining Division - B.C.

December, 1975 #5748

G.R. Foye

Department of Minos and Petroleum Resources ASSESSMENT REPORT

NO. 5748 MAP

1975 DRILLING REPORT

KEMESS PROPERTY

This report covers some of the diamond drilling done on the Kemess property during 1975. The Kemess property consists of the New Kemess #1 and #2 claim blocks totalling 38 units. Refer to the accompanying index map for the location of these claims.

All of the survey and technical data for the holes is included in the logs which are enclosed with this report. The core logging was done by myself. I have a B.Sc. degree in Geology and have four years of mining exploration experience.

D. W. Coates Enterprises Ltd. was the contractor performing the work on behalf of Getty Mining Pacific, Limited. The contractors invoice for the portion of the drilling submitted for credit is included in this report.

The core is stacked on the property approximately 400 feet north of hole K - 75 - 1.

Gary Foye Geologist.



D.W. COATES ENTERPRISES LTD.

256A SIMPSON ROAD RICHMOND, B.C. V6X 2P9

INVOICE NO .:

JOB NO .:

902

258

DATE: August 11/75

Getty Mines Limited 614 - 510 West Hastings St. Vancouver, B. C.

Black Lake Area Drilling RE:

PERIOD:

July 16 - 31/75

Drilling Detail Overburden Transportation Drilling with Mud Moving, Setting Up & Tearing Down Water Supply Acid Tests Cementing Board & Lodgings Core Splitter

\$21,840.80 v639.17

√586.00

2,650.75

/ 2,213.75

v 139.15

/ 41.70

J 319.24

√ 1,421.29

v 20.00

\$29,871.85

Drilling Detail

Hole #	Size	From	To	Footage	Rate	Amount
K75 - 1	BQ	√ ₁₆₃	247 🗸	84 1	\$13.30	\$1117.20 √
K75 - 3	BQ	0	30	30 F	ield Cost	
K75 - 3	BQ	√ 30	286 4	256	13.30	3404.80 1
K75 - 4	BQ	√0	500 /	500 (13.30,	6650.00 /
K75 - 4	BQ	500	507 607	1 107√	13.90 🗸	1487.30 ✓
K75 - 5	BQ	0	26	26 F:	ield Cost	
K75 - 5	BQ	26	500 4	474 1	13.30	6304.20 √
K75 - 5	BQ	✓ 500	707 V	207 v	13.90	2877.30 ✓
			,	1684'	\$	21,840.80 ✓

Overburden

(a) Labour & Equipment

	Date	Hole #	Memo	ManHours	Drill Drill
	July 18D	75 - 3 J	BW Casing O - 30 W		35 machine
	July 28D	75 - 5	BW Casing 0 - 26'	4½ √	21 overburde
				√7½ √	5½ √
overbu		- Labour: √7½	hours @ \$11.50/hr	\$86.25 ✓	
machine	dine	- Drill : $\sqrt{5\frac{1}{2}}$	hours @ 10.50/hr	57.75 J	7
				\$144.00 ~	
	7		Plus 10%	14.40	√ \$158.40
	+				

(b) Materials

Date	Hole #	Memo	Amount
July 31D	75 - 5	l BW Casing Shoe	\$139.00 4
July 31D	75 - 5 1	3 2' length BW Casing @l	17.50 227.50 √
			366.50 1
	Plus Freig	ht: 180 # @ \$7.00/cwt	12.60 🗸
			\$379.10
	Plus 15%		56.87
	Plus Casin	g Usage Charge: 56' @.80)/foot 44.80 / \$480.77
Total Over	burden		√ \$639.17 =====

Transportation

July 10	Trans - Provincial	Airlines # 38673	\$174.00 /	
July 23	Trans – Provincial	Airlines # 38644	√ 412.00 ———	\$586.00 \

Drilling with Mud

(a) Labour & Equipment

Date			-			Mei	no .			ManHour	s	- /
			Gui	k Gel	32			au	IK TIOI		Cotting 6 90	,0,1
July	16D		7	bass		Mix	Mud	6	bap	· 5	6 1-	6.
July	16N		6	V		***	n	7	V	, 5	フ	
July	18D		4			11	tt	3		13	5	
July	18N		6			11	11	5		41	5	
July	19D		5			tt	11	3		4 🗸	4	
July	19N		7			11	17	6		5 -	(
July			6			11	tt	- 1		5 🗸	1	
July			6			11	tt	5		5 🗸	. 7	
July			6			11	11	7		. 40	76	
July			6			11	11	1-		5 1	5	
July			7			11	11	(4 v	1	
July			4			11	11	3		3 🗸	4	
July			6			11.11	11	7		3 🗸	5	
July			-6			11	11	5		4 ✓	5	~
July			1-			11	11	6		4 🗸	6	
July		3	8			11	11	1		5 🗸	1	
July			6	bago		11	11	8		3 ~	7	
subto	Tal		101	bago				93	pale	71 ✓		

\$816.50 V

81.65

Labour: 171 hours @ \$11.50/hr 1

Plus 10%

Also includes

July 21 D 2

21 N 3

106 bay 96 bags Quik-Tro)

field cost items, eg deill modes, weir not included with mebilization charges in drill bid, is most charge freight @ rate of 7.00/cast.

(b) Materials

	J106	bags	Quik	Gel @ \$7.50/bag	\$795.00	J		4
	√ 96	bags	Quik	Trol @ 6.50/bag	624.00	v .		1
					\$1419.00	✓		
		Fre	ight:	1500# @ \$7.00/c	wt 105.00	✓		
					1524.00	1		
				Plus 15%	228.60		J	\$1752.60
	0				-			
To	tal Dr	illin	g with	n Mud			1	\$2650.75

Moving, Setting Up & Tearing Down

Labour & Equipment

Date	Memo	ManHours
July 17D	Teardown & Move to Hole # 3	V34 11+11+6+6-
July 18D	Finished setup on Hole # 3	V17 StJ-1413
July 21N	Teardown on Hole # 3	V 8 444
July 22D	Move & Setup on Hole # 4	V 43 11+11+11+10
July 27D	Move & Setup on Hole # 5	V38 11+11+8+8
July 28D	Finished Setup on Hole # 5	V11 3+3+3+2
July 31D	Dig out Setup for Hole # 6	124 8787414
		175 V

175 hours @ \$11.50/hr \$2012.50 Labour:

> Plus 10% 201.25

Water Supply

Labour & Equipment

Date	Memo	ManHours	
July 18D	Lay waterline	√ 1	
July 22D	Add to waterline	1 /	
July 28D	11 II II II	1 5	
July 31D	Change waterline location	B /	
	Labour: 11 hours @ \$11.50/hr Plus 10%	\$126.50 \frac{12.65}{}	√ \$139.15 ———
Acid Tests	ch.		
Hole # 75 -	5 1 test @ 707' (3 x \$13.90)) ?	\$41.70 √

Cementing

(a) Labour & Equipment

Date		Memo	ManHours			
July 21D	Labour:	Cement Hole #3 23 hours @ \$11.50/hr	23 == \$264.50 ✓	a a		7.
=(1		Plus 10%	26.45		V	\$290.95

```
(b)
             Materials
                          adh 15-3
                                                       $19.00 \
             1 Bag Cal Seal Cement @ $19.00/bag
                      Freight: 80# @ $7.00/cwt

√ 5.60

                                                         24.60 ✓
                            Plus 15%
                                                          3.69
                                                                      $28.29 ₹
        Total Cementing
        Board & Lodgings
        (a) Labour: D. Ramsay: 96 hours @ $3.40
                                                      $326.40 v
96 hrs @ regular hourhyrate 1 64 hours @ 5.101
                                                        326.40 √
64 hrs @ time & a half rate
                                                        652.80 /
                              Plus 15% Benefit
                                                         97.92
                                                                     $750.72 4
             Groceries: July 8 Goodacres Store # 5497
                                                           $200.97 \
        (b)
                                                             33.87 ✓
                                                   5498
                                                             37.93 / $272,77 √
                                                    5499
                                                           √12.85
             Truck: 100# propane @ $12.85/cwt
                      135 gals Heating Oil @ $.47/gal
                                                           63.45
                                                             76.30
                      Plus Freight 1450# @ $7.00/cwt
                                                                     $177.80 <
                                                            101.50
                                                                    $100.00 /
        (d) Camp Rental: 2 sleep units - ½ mo. @ $100.00/mo/ea
                            l office unit -\frac{1}{2} mo. @
                                                                      45.00 4
                                                      90.00/mo
                            l kitchen unit- ½ mo. @
                                                                      75.00 4
                                                      150.00/mo
                                                                            $220.00
```

Core Splitter

July 10 - 31

2/3 mo. @ \$30.00/mo

\$20.00

ok

.. Hole Number

K-75-1

DD	TT	T	TT	AT	77	~	~	^
DR	LL	L	п	OT	11	L	U	L

Property. KEMESS
Location. OMINECO MINING DIVISION -B.C.

Grid. USING KENNCO DDH KX-2 AS ORIGIN
Latitude. 0 + 00 N
Departure. 0 + 20 W

Core Size. BQ
Elev. Collar. 5500!
Bearing. 90°
Length. 247 FEET
Horiz. Trace.

Vert. Trace.....

Starting Date...JULY 13, 1975...
Completion Date...JULY 17, 1975...

Date Logged JULY 16 - JULY 17, 1979

Logged by GARY FOYE

D	Angle-					
Depth	Read	Actual				
Collar						

FROM TO		DESCRIPTION		FOOTAGE		CORE					
TROM		DESCRIPTION	NUMBER	FROM	TO	LGTH.	Cu%	Mo%	(oz/tor	(oz/tor) .
0	33	OVERBURDEN	3501	33	40	2.6	.208)	•		
			3502	40	50	6.5	. 180	7.010	.10	.011	
33	Approx. 150	PORPHYRITIC ANDESITE	3503	. 50	: 60	3.2	.170				
		Feldspar phenocrysts within a fine-grained andesitic ground-mass.	3504	60	70	3.6	. 205	7.007	.08	.010	
		Phenocrysts mainly occur as unoriented plagioclase laths up to	3505 .	70	80	3.2	. 155	J		(S) = 4-10	
		1/2" in length.	3506	80	90	9.8	.203	0.009	.07	.014	
		Rock is generally very broken and crumbly.	3507 · · ·	.90-	100	7.5	. 190	3			
	L		3508	100	110	8, 1	.218	0.006	. 08	.017	
•		37' 1/4" quartz vein.	3509	1.10	.120	9.2	. 292	5			34 m/s
		38' - Possible fault zone - gouge.	3510	120	130	9.5	.170	.005	. 07	.013	•
			3511	130	150	5.5	.210	3			100
		30° - 35° a fairly common fracture angle.	3512	150	160	2.5.	. 150	004	. 09	.012	
			3513	160	170	7.4	. 085	5			
		Very minor iron oxides to about 45'.	3514	170	180	4.7	. 155	005	.10	. 011	
			3515 .	180	190	8.6.	.110	5			
		Magnetite begins occurring at about 46" as extremely small	3516 : .	· 1·9.0	200	6.9	. 153	2.007	.10	.010	
	*	veinlets. It also occurs as blebs associated with pyrite.	35,17	200	21.0	4.2	. 227	J	0		
		The second of th	3518	210	.220	1.3	. 130	005	. 08	.015	
		Pyrite occurs as minor disseminations to about 60! and then	3519	220	230	3.2	. 170	5			
		becomes more common - especially in veins and along fractures.	3520	230	247	9.5	. 230	.006	. 12	. 026	
	1 184			-		OF HOI	-			1.000	
	•••	62' - Near vertical pyrite, chlorite and zeolite veining (1/4").				- 7 7	- CAS-1411/P				
		The second of th	in the		(6.9)	9			,		1 (9)
	-1.	A pinkish zeolite (?) occurs sporadically in veins and along	Core Rec	overv:Ar	proxir	nately 5	5%				
1	W	fractures.	7535.200			1	70.				-
No. (See		a jak a majar jak tada kata maka mili a ja	******								E GET

Hole Number

K-75-1

	2.7		SAMPLE	FOOT	AGE	CORE		ASS	AY	
FROM	TO	DESCRIPTION	NUMBER	FROM	TO	LGTH				
		Chlorite occurs as blebs, along fractures and in veins.							•	
	a a									
	*	67' - 73' No core recovery.								
		p.k. 1 3:								
		At approximately 77' quartz and pyrite veining becomes more								1
		common.			2020					
		77' - 78': 80°, 1/10" pyrite vein with a siliceous envelope.	400							
		81' - 1/10", 65° magnetite vein. Small magnetite veins and								
		stringers common.			5.97	Fi = 710 F				
	Contraction of the Contraction					-				
		83' - small gouge zone.	100							
			(i) to							
		93' - 95': Near vertical pyrite veining with siliceous and chloritic	v							
		envelopes.	K Reli K							_
	dr s san	e e e o o o te t	The P		-					
		98' - small gouge zone.								
		98.5' - 100.5': White to pinkish zeolites(?) a little more common.			-					
			3							
		108' + 112': Small gouge zones.) = 1	71					
			100				211			
		Around 117' strongly silicified.	Han .							
	Marie Control									
		Starting at about 121' the phenocrysts become less and less			Vice bear	100				
		distinct until they virtually disappear. The rock becomes more								
		strongly silicified.								
			357 ft							
		124': 60° - 70° qtz. (1/4") and magnetite veining.								
					(1)					
		125' - 126'. The rock contains small (1/16" diameter) circular								
		specks of a white mineral - probably a zeolite.	3							
						N 1/2				
		Around 132' - Possibly minor chalco but mostly tarnished pyrite.	X.							

Hole Number

K-75-5

FROM	mo.	DEGCD (DOLON)	SAMPLE	FOOT		CORE			ASSAY	
FROM	TO	DESCRIPTION	NUMBER	FROM	TO	LGTH	Cu.%	Mo%	(oz/ton)	(oz/ton)
		353' - soft, broken-fault zone.								
			3666	620	630	10.0	.028	7		
		310' - 315' - Mainly light coloured siliceous rock with dark patches.	3667	630	640	9.9	.010	5.002	. 08	.003
			3668	640	650	10.0	.041	1		
		435' - Pyrite very abundant.	3669	650	660	9.7	.034	5.003	.09	. 002
			3670	660	670	10.0	.038	1		
		Pinkish gypsum abundant in places.	3671	670	680	10.0	.034	7.002	.10	. 003
			3672	680	690	9.8				
		496' - 505' - Abundant gypsum.	3673	690	700	10.0	.048	7.002	. 0'8	. 002
			3674	700	707	7.0	.034			
		524' - 525' - Distinct feldspar laths.				1				
			y =							
		590' - 630' - Generally softer and more broken than normal.	· · · ·	1						
		Possible fault zones at 598', 607', 625'.	COI	E REC	OVERY	- 99.5	%			
			F. 19							
		602' - Possibly a speck of chalco.								
		638' - 640' - Very abundant gypsum.								
			t t							
		From approx. 630' purple fluorite appears in places. Generally	- ·	(0)	8					
	*	abundant 679'-684'.								
		Except for the top few feet of syenite the rock throughout the hole	6							
		is probably a silicified andesite porphyry. Phenocrysts of plagio-	8 8 g	1 1	(6)					
		clase laths are clearly visible in only a few places, however.								
		Chlorite common along fractures and in the groundmass. From	, 1 .							
		about 150' talc is common along fractures. Gypsum is abundant	1.77							
		throughout the hole. Quartz veining minor.						*		
		Pyrite abundant throughout but only a couple of specks of chalco								- St. E
		noted. Magnetite not detected in the andesite.			ā					
									- V	
		END OF HOLE 707'.								
					7 3					

Hole Number

K-75-5

FROM	·TO	DESCRIPTION	SAMPLE	FOOT	AGE	CORE	ASSAY				
MOM	10	DESCRIPTION	NUMBER	FROM	TO	LGTH	Cu %	Mo%	(oz/ton)	Au (oz/ton)	
		139.5' - Abundant pyrite in quartz for 2 inches.	7772 - 2177								
		159.5' - Abundant pyrite in quartz for 6 inches.	3632	280	290	10.0	.020	1			
			3633	290	300	10.7	.029	7.003	.06	. 004	
1		A light green coloured, very soft mineral - probably talc,	3634	300	310	10.0	. 045				
	Land Name	occurs in places along fractures and veins - becoming abundant	3635	310	320	9.7	. 025	1.002	. 08	.007	
		in places, e.g. 155' - 157'.	3636	320	330	9.8	. 048	1			
			3637	330	340	10.3	. 049	1.002	.10	.003	
		Chalco not abundant - a couple of specks noted around 128'.	3638	340	350	10.0	. 062	1			
			3639	350	360	10.0	.049	1.002	. 08	. 005	
		No detectable magnetite.	3640	360	370	9.9	. 051)			
			3641	370	380	9.8	. 053	3.001	.11	.004	
		161' - 165' - Pyrite very abundant - associated with quartz and talc.	3642	380	390	10.0	.055	5	E - 22 - 11		
	A COLOR		3643	390	400	9.9	.058	7.003	.12	.003	
		Starting at 175' some sections become a uniform gray colour.	3644	400	410	9.8	.058	h			
		Some of these sections contain darker patches that are possibly	3645	410	420	10.0	.063	1.004	. 12	.005	
		altered fragments - but more likely the rock is just highly	3646	420	430	10,5	.058	1			
		silicified and the dark patches are unsilicified.	3647	430	440	9.9	. 045	1.003	.10	. 004	
A			3648	440	450	9.9	. 042	7			
		From 230' some of the gypsum has a pinkish colour.	3649	450	460	9.9	.062	1.006	.09	.005	
			3650	460	470	10.0	. 073	1			
Wa ke		242.5' of soft gouge material.	3651	470	480	10.0	.065	1.002	.07	.007	
			3652	480	490	10.0	.078	h			
		Talc still occurring - abundantly in places, e.g. 293'.	3653	490	500	9.9	.070	3.002	.08	.006	
		The second secon	3654	500	510	9.7	. 080	7			
		Silicification moderate to extreme.	3655	510	520	10.0	.062	003	.09	.004	
			3656	520	530	10.0	.063	2			
		277' - Fault at 45°.	3657	530	540	10.2	. 047	3.003	.08	.005	
			3658	540	550 .	9.8	.062				
		An occasional quartz vein but gypsum veining still predominates.	3659	550	560	9.9	. 092	7.005	. 09	.007	
			3660	560	570	10.0	.067)		-10-	
	*	Pyrite common (2-3%) but still no noticeable chalco.	3661	570	580	9.9	.050	3.002	.08	.007	
		F = F + 1 () (i)	3662	580	590	10.0	. 053	1			
		Feldspar lath phenocrysts visible (faintly) in places. Other sections	3663	590	600	10.0	.049	1.003	.08	.008	
		spotty with dark patches in light material.	36641	600	610	10.0	.038	2 003	0.7	005	
			3665	610	620	10.0	.018	}. 002	.07	.005	

Page. 2 of 4

GETTY MINES, LIMITED

Hole Number

K-75-4

FROM	TO	DESCRIPTION	SAMPLE	FOOT	AGE	CORE			ASSAY	
FROM	10	DESCRIPTION	NUMBER	FROM	TO	LGTH	Cu%	Mo%	(oz/to	Au Noz/ton
* 1		The dioritic material is fine to medium-grained with chloritized	3572	270	280	9.9	.108)		
		mafic material.	3573	280	290	10.0	.081	5.022	.09	.010
ы			3574	290	300	10.0	. 140	1		-
		122' - Abundant pinkish zeolite?and a 1/8" pyrite vein.	3575	300	310	9.9	. 167	5.016	. 09	.012
		A CONTRACTOR OF THE CONTRACTOR	3576	310	320	10.0	. 240	2		
		Only a very occasional speck of chalco noted. Possibly some	3577	320	330	9.9	. 247	5.024	. 13	.023
		black, earthy chalcocite associated with pyrite in places.	3578;	330	340	9.8	. 135			
			3579	340	350	9.8	. 123	5.018	. 09	.010
		The section of diorite appearing rock is actually quite short with	3580	350	360	9.9	. 098	R		
		many gradations. By 105' at least the rock appears to be mainly	3581	360	370	10.1	. 103	008	.07	.007
		andesite.	3582	370	380	9.8	.095	1		
			3583	380	390	9.7	. 155	. 032	. 08	.009
105'	607'	ANDESITE PORPHYRY	3584	390	400	10.2	.149	1	7	
		Phenocrysts of plagioclase laths the same as previously but in some	3585	400	410	9.8	.100).010	.09	.010
		sections the rock is silicified which tends to partly or completely	3586	410	420	9.4	. 157	7		
		mask the porphyritic texture.	3587	420	430	10.2	. 115	7.010	. 09	.009
			3588	430	440	9.8	. 165	1		
	0	At approximately 150' the rock becomes very competent and	3589	440	450	9.6	. 195	1.013	.09	.008
	Linker and the second	unbroken.	3590	450	460	9.8	.080	h		
Ų.			3591	460	470 -	10.0	. 127	.003	. 08	.012
		Gypsum stringers and veins extremely common.	3592	470	480	9.9	. 085	n n		
			3593	480	490	10.0	.071	1.003	. 09	.009
		155' - 3" of gypsum. Gypsum stringers and veins range from having	3594	490	500	9.6	. 055	ì		
		a very flat dip to being at a high angle to the core axis.	3595	500	510	9.9	. 079	5.004	.08	.007
			3596	510	520	10.0	. 065	2		
		Pyrite moderately abundant - especially in some of the larger quart	z 3597·	520	530	9.9	.035	1.003	.07	.006
		veins. Pyrite also occurs disseminated and along fractures.	3598	530	540	10.0	.018	7		
	e e e e e e e e e e e e e e e e e e e		3599	540	550	10.8	. 062	5.002	.07	.005
		Pinkish zeolites(?) in places: e.g. 175' & 228' - associated with	3600	550	560	9.7	.055	1		
		gypsum veining.	3601	560	570	9.7	. 071	.003	.09	.006
			3602	570	580	9.6	.076	1	100	
		Some chlorite associated with gypsum in places - e.g. 196', 212'	3603	580	590	10.0	.065	5.005	.08	.006
			3604	590	600	10.0	.068	?		
		1 4 24 personnes -	3605	600	607	6.8	. 068	5.003	.08	.005

Hole Number

K-75-4

			SAMPLE	FOOTAGE		CORE		A	ASSAY	779	
FROM	TO	DESCRIPTION	NUMBER	FROM	TO	LGTH					
		Chalcopyrite occurs as disseminations and associated with pyrite	1)								1
		in veins. Possibly up to .23% in places, e.g. 203' chalco						* ***			
	THE LANGE	moderately abundant along with abundant pyrite in gypsum vein									
		249' abundant chalco and minor moly.									1
		Fracturing from 25° - 65° usually.									1
***************************************		Tracting from 55 05 abadity.									1.
A		268' - 270' gypsum very abundant.							***		+
		8/1	g 9	-						102 102	1
ſ 		The most is in generally quite highly silicified. Only a few									1
		The rock is in generally quite highly silicified. Only a few sections show a distinct porphyritic texture.				-				-	-
		sections show a distinct porphyritic texture.		-		-					-
			Ht. H	-							+
		Magnetite is moderately abundant in places - mainly disseminated			-						-
		but occasionally in veins.		-							+
	- America	2001		-		-				-	-
		298' - abundant pyrite and some intermixed chalco. Specks of									1-
		disseminated chalco abundant throughout.		-							+
		- International Control of the Contr									-
		314' - 315' - Disseminated chalco abundant ($\approx 0.5\%$)									_
											_
		326' - 330' - Abundant gypsum.									
			n H								_
		Starting at 368' occasional patches of quartz e.g. 268.4', 373',		23.							
		374'.	,								
	•		4 S, 4								
	91	373' & 390' & 394' - Fluorite(?) Purple mineral in association with	E 5								
		gypsum and quartz.									
		Gypsum stringers and veins becoming less abundant.					9 -				
				4 50					39 23		
X		Fluorite rich zones becoming more common - e.g. 407' - 408', 410							2 54 86		
		415'-416', 417', 455-456', 457 - 458', and also in smaller veins.									
			-								
		Pyrite very abundant in some of the fluorite rich zones - e.g.									
		457' - 458'.									-

Hole Number

K-75-4

			SAMPLE	FOOT	AGE	CORE	ASS	AY	
FROM	TO	DESCRIPTION	NUMBER	FROM	TO	LGTH			
		Chalcopyrite not as noticeable as previously. Minor amounts							
		associated with pyrite and disseminated in places.							
					100				
		470' - 472' Gypsum? with a brown colour abundant.							
				100	20.92 10.92				1
		Magnetite no longer very common.			-Carpell				-
						122	3 J		+
		492' - 494' Abundant fluorite. Also around 495'.					 		+
		472 - 474 Abundant Huorite, Also around 473.					 		+
				-			 		+
		Starting at 538' a number of soft zones (faults) begin appearing,							-
		e.g. 539', 541', 542-544.					 		+
		Description in the second seco					 		+
		Porphyritic texture becoming more evident by about 560'.		-			 		-
			أسر وخراسته			-			-
		Thin gouge at 574', 576' 578'.					 		-
753 - X						-			-
		From 590' a pure white mineral occurs in places as patches and			1 22		 		-
		veins - Hardness ≈ 5.					 		-
····		590' & 597' some gouge.		10.					
	7.								
		Pyrite continues to bottom of hole, decreasing somewhat with		-					
		depth. By the bottom of the hole pyrite is occurring mainly							
		disseminated but also with some veins.		3			- CH 145 C - 550		
		Chalco associated with pyrite noted in one spot towards the bottom	Gr.					F-55	
		of the hole. Chalco generally very minor since about 400'.							
							=		
	19 ER	9 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W			- + 0	* **			
			**						7

.. Hole Number

K-75-5.

DRILL HOLE LOG

Property. KEMESS
Location. OMINECA MINING DIVISION - B. C.

Crid. USING KENNCO DDH KX-2 AS ORIGI Latitude. 5 + 40 N Departure. 14 + 50 W

		*		_ 1	•0	100						
Core	Size:		 . В	Q.							-	S
	Coll											. C

Bearing. 90°
Dip. 707'

Date Logged JULY 29 - JULY 31, 1975 Logged by GARY FOYE

Day Fore

Depth		le .
	Read	Actual
Collar		12.1
	- 9 - 4 - 1	= 1

FROM	TO I	DESCRIPTION		FOOTAGE		CORE						
TRON	10		NUMBER	FROM	TO	LOTH.	Cu%	Mo%	loz/tor	(oz/ton		
0	25.5	OVERBURDEN	3606	25.5	30	4.4	.018	R	+5.4.1		- x	
	. 7		3607	30	40	9.9	.011	1.002	.07	.004		
25.6	41'	SYENITE PORPHYRY	3608	'40	50	9.5	. 048				SIMP	
		Pink, fine to medium grained rocks. Small feldspar phenocrysts	3.609	50	60	9.9	. 045	3.001	.07	.006	1 10	
		general and mafic (hornblende) phenocrysts common in places.	3610	60	70	10.0	. 055	1			5F-3	
		Gypsum stringers, veins and patches common throughout.	3611	70	80	9.6	. 040	001	.06	.006		
		Minor iron oxides to about 271.	3612	-80	90	9.6	.011	h				
•		Perhaps a speck of pyrite noted - otherwise no mineralization	3613	90	100 ·	10.0	.015	5.003	.07	.005		
		except minor magnetite.	3614	10.0	110	9.5	. 022	7			2.714	
100			3615	110	120	10.3	. 038	1.002	.06	.005	•	
41	707	ALTERED PORPHYRITIC ANDESITE	-3616	120	130	10.0	. 030	17			* 1	
	0.4	Plagioclase laths only discernible in places, otherwise the rock	3617	130	140	10.3	.038	3.002	.07	.005	The Y	
	£4.	is too well silicified.	3618	140 ·	150	9.6	. 032	1	-	-		
•		41'-42' Fault Zone. At top end an extremely smooth surface at	36.19	150 :	160	9.7	.013	1.002	.08	.004	1	
	- :	45°, and then a foot of soft material.	3620 .	160	170	10.0	:020	1			- Q	
		45' - another gouge zone.	3621: .	170	180	9.9	.038	1.002	.07	.006	916	
		Pyrite abundant in veins and disseminations.	3622	180	190	10.0	. 028	1			37. 2	
	1	Some chlorite on fractures and in the groundmass.	3623	190 .	200	10.0	.038	7.003	. 08	.006	11-11-11	
	1	Quartz veining and stringers common,	3624	200	210	9.4	. 063	h			, ~	
	1 -	Generally very broken and crumbly down to about 53'.	3625	210	22.0	10.0	. 031	1.002	.10	.006	of a second	
. (An occasional stringer or patch of gypsum.	3626	220-	230	9.8	: 038	h in	7.5 134		(i) a 1 and 2 de	
		Starting at 53' the rock becomes much more competent but some	€3627	230	240	10.0		5.002	. 11	.006		
1.	• .	short sections still broken.	3628	240	250	10.0	. 048	h	7(*)		•	
		71' - Small high angle fault.	3629		260	10.0	.040	3.001	. 09	.005	E 37 F	
		127' - 130' Dark patches (1/8" - 3/4") in lighter coloured material.			27.0	10.2	.041	ħ.	1	-		
24.34 .		A PART OF STREET OF STREET	3631.		280	10.3	. 035	1.018	. 05	005		
~~~~					0.0							

.. Hole Number

K-75-4 .

DRILL	HC	T.T	TOC	1
	110	تندليدر		

Property, KEMESS
Location, OMINECA MINING DIVISION - B. C.

Grid. USING KENNCO DDH KX-2 AS ORIGIN Latitude. 1 + 95 N Departure. 12 + 25 W

Core Size BQ	 	
Elev. Collar. 5570	 	
Bearing	 	
Dip. 90 Length 607 FEET	 	
Horiz. Trace	 	

Vert, Trace.....

Starting Date. JULY 23/75
Completion Date. JULY 27/75
Date Logged JULY 24 - JULY 27/75
Logged by. GARY FOYE

Lay Loye

	Ang	gle.
Depth	Read	Actual
Collar		

- F1	ROM	TO	DESCRIPTION	SAMPLE	FOOT	AGE	CORE	ASSAY				
			DISONII 110N	NUMBER	FROM	TO	LCTH.	·Cu %	Mo%	$(oz^A/ton)$	(oz/ton	) .
4 -	0	1.2	OVERBURDEN	3546	12'	201	7	:047	?			
				3547	20	30	9.8	.048	3.004	. 12	.010	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	12'	81	ANDESITE PORPHYRY	3548	30	40	9.8	. 053	7	4		
		9 1	Plagioclase laths set in a dark, fine-grained matrix. The laths	3549	40	50	8.2	.051	3.005	.08	.009	
			are generally randomly oriented but in places they show a slight	35 50 .	50	60	8.0	. 048		8.		
-			preferred orientation. Some sections very silicified masking the	3551	60.	70	8.5	.102	6.005	.10	.010	
			porphyritic texture.	3552	70	80	8.8	. 082				
			leave e to the second	3553	80	90 ·	8.6	. 153	3.007	.09	.009	• • • • • • • • • • • • • • • • • • • •
			Rock oxidized to about 82'. Limonites abundant, mainly on	3554	90	100	8.0	. 168	1			
			fractures to 82' - also on veins. Minor unoxidized pyrite in this zone.	3555	100	110	5.3	.210	, 005	.09	.010	
			Some disseminated magnetite.	3556	110	120	9.3	. 182	1			
				3557	120	130	4.5	. 115	.008	. 09	.009	
			Around 18' some very soft sections.	3558	130	140	6.5	. 127				
•		¥		3559	140	1.50	6.3	.102	.007	. 11	.014	
		-	30° a common fracture angle. Veins commonly quite steep.	3560 .	150	160	10.0	: 202				
				3561 : .	.160	170	10.0	. 158	5.016	. 13	.007	
	1747		Siliceous sections usually vuggy.	3562	170	180	10.4	. 165	7			
0				3563	. 180	.190	9.7	.085	010	:11	.011	
8	31	105'	Mixture - dioritic appearing rock grading to andesite porphyry.	3564	190	200	10.4	. 105	1			
				3565	200	210	9.8	. 150	7.012	. 15	.011	
			81.'- 107' extremely broken.	3566 .	210.	220	9.8	. 155	7			
				3567	220	230	9.7	. 173	3.012	. 14	.010	
•			Pyrite abundant in places along fractures, disseminated and in vein	3.3568	230	240	9.9	. 140	1	A A		• • •
,×15		•		3569 .	240:	250	10.0	. 145	3.026	. 12	.012	
	ACCURATE A			3570	- 250	260	9.9	. 187	7			
14.14	•	3	· A May A May a Market of the second	3571	. 260	5.70	9.4	. 103	) .013	.10	.012	-

Hole Number

K-75-1

		and and	SAMPLE	FOOT	AGE	CORE			ASSAY	9	
FROM	·TO	DESCRIPTION	NUMBER	FROM	TO	LGTH					
		139' - 147': 2" of core recovery.									
		147' - 153': No core recovery. Drillers reported that there							- 4//		1
		wasn't even any material returning in the sludge.									
prox. 150	' End (247')	NON-PORPHYRITIC ANDESITE									
		153'-157': Spotty iron oxides - oxidation of disseminated pyrite.	A 2								*
		Very abundant disseminated magnetite.									
		159': Gouge zone.	24		=					17.00	+
		157' - 163' Highly chloritized.									+
4		100 Inghi, omorroadu									+
		160' - 163' Generally very soft, gouge zone.		-							+
		100 100 demotary very sout, gouge zone.		-							+
		Beyond 160' the andesite is definitely non-porphyritic. Occasional									+
		small veins or stringers of chlorite, zeolite and/or pyrite.				-					-
		Chlorite alteration generally more abundant than previously.		1							+
			-	-							+
es		183' - 195' Rock more competent than usual. Disseminated	*							-	1
		magnetite common in this interval. Rock slightly intrusive in									+
	-	appearance.									+
								W. T.			+
		Some sections are slightly vuggy.		1-1-1-1	To a second						+
									-	<del>Yesta Tanana</del>	+-
		200' - 201' - Generally soft, some gouge.			2 - 10						-
		activity south come gouge.									1
		From about 160' to end of hole a couple of specks of chalco (e.g.	et,	7							1
		232') and a couple of specks of MoS, (e.g. 225') noted minor									1
		amounts of brown hematite in association with pyrite.	E E		200 12 80						1
		Throughout the hole the pyrite content probably averages about 2%.			F 163					- 19X	
		A black sooty material occurs in places throughout the hole -		1.	-				-		1
		possibly some chalcocite? - but mainly magnetite.	er : 1								
		30 - 35 a common fracture angle to bottom of hole.									
									1		
		222' - 223'; 225' - 227': No core recovery.	;					THE STA			
	ASC	247' END OF HOLE.	and the second		2		0 0				-

... Hole Number

17	7 -	2	
K.	-75	- 6	

DDITT	TTA	7 77	•	~~	
.DRILL	nu	ستيل	L	UU	

Property. KEMESS Location. OMINECO MINING DIVISION-B. GridUSING KENNCO DDH KX-2 AS ORIGIN Latitude.....0 + 10 N...... Departure.... 6. f. 5.0. W .....

Elev. Collar....5580 Bearing.... Dip.....90 Length ... 284. 5 FEET ... Horiz, Trace......

Vert. Trace.....

Starting Date. .. JULY 18, 1975 Completion Date ... JULY 21, 1975...

Date Logged JULY 18 - JULY 22/75 Logged by ... GARY FOYE .

S	Ang	gle·
Depth	Read	Actual
Collar		

FROM	TO					CORE ASSAY								
FROM		DESCRIPTION	NUMBER	FROM	TO	LCTH.	Cu %	Mo%	(oz/tor	Au Oz/to	n) .			
0 -	30'	OVERBURDEN	3521	30	40	7.1	.080	n	;					
30	182'	PORPHYRITIC ANDESITE	3522	40	50	8.2	.057	1.006	.08	.014				
	4	Similar to K-75-1: Plagioclase laths in a dark (green to black),	3523	50	60	9.7	. 133	h						
		fine-grained groundmass.	3524	60 .	70	9.2	. 258	.005	.09	.015				
			3525 .	70 .	80	8.6	. 220	n -						
		30' - 34' generally bleached.	3526	80.,	90	7.4	.079	1.004	.07	.008				
·		1 in 1	3527	90 .	100	9.8	. 169	1			-			
		Iron oxides down to about 59 Mainly along fractures and quartz	3528	100	110	7.0	. 388	7.003	.08	.014	•			
		veins.	3529	-110	120	8.8	. 346	1						
V.		· · · · · · · · · · · · · · · · · · ·	3530	120	130	8.6	. 258	.004	.08	.017				
		Small gouge zones at 47' and 51'.	3531	130	140	8.0	.200	5						
			3532	140	150	7.2	. 153	1.004	.08	.010				
•		At 33' possibly some copper staining along pyrite (oxidized)	3533	150 ·	160	8.8	. 196							
	12	stringer.	3534	160	170	6.6		.004	. 05	.012				
	-		3535 .	170	180	6.0	.132	1						
		Rock is hard but badly broken.	3536 : .	180.	190	9.8	. 168	1.004	. 05	.012				
	*		3537	190	200	11.0	. 189	)		20-20-2				
		Quartz stringers & veins (up to 1/4") in places. Minor zeolites.	3,5:38	200 .	210	9.6	. 143	3.004	.08	.010	700			
1		5. T. M. S.	3539	210	220	7.0	. 153	5	· · ·					
		Very finely disseminated chalco in places. e.g. at 34'.	3540	220	230	9.5	. 316	1.004	. 09	.011				
1	**		3541 .	230	240	3.6	. 329	5						
		Fracturing at 30° - 45° common:	3542	240	250	6.6	. 272	.004	.10	. 014				
ì.	• • •		3543	250	260 ·	5.9	.251	h	-					
		After iron oxides ends, pyrite occurs disseminated, along fractures			270	4.7	. 253	2.005	.10	.013				
		and in veins.		270		2. 7	-315	)						
10.0		A REAL PLANTAGE AND A REAL PROPERTY OF THE PARTY OF THE P	CORE RE				113							

Hole Number

K-75-3

FROM	m-0	no   ' nmaon marco.	SAMPLE	FOOT	AGE	CORE		ASSA	Y	
FROM	TO	DESCRIPTION	NUMBER	FROM	TO	LGTH				
	122	Veins consist of pyrite, and/or quartz, and/or zeolites.		7					•	
	1									
		Chlorite occurs in minor amounts - especially around veins.								
	lu s		120							
		74' - Two magnetite veins (1/4") at approx. 45°. Elsewhere								
		magnetite fairly common - mainly disseminated.					5			
			nc ye							
		Where pyrite occurs in large amounts it can be seen that some of it							1445	
		is tarnished to the appearance of chalco. In minor disseminations	114							+
		therefore, it is difficult to distinguish between tarnished pyrite	•							
		and chalco.				3		1		_
	X		3.	1						
		The porphyritic texture varies from being distinct to poorly defined	0				- 3			
										· ·
		Chlorite appears to be becoming slightly more abundant with depth.								
										- 3
		160' - speck of chalco and speck of bornite?				- 31 82 #20				
		168'-175' - Generally soft and very broken. Pink-white zeolites	e.		(4 1)(1					
		common. Pyrite fairly abundant.	1 1							
	- 4		a e							
182	185.5	DIORITE	4 V							
		Coarser grained rock but there does not seem to be a sharp	e i							
		contact - just a gradation between andesite and more dioritic rock.	7, 10							
		Some pyrite on fracture surfaces.	391		-					
105 5	201.5		·		-					
185.5	281.5	PORPHYRITIC ANDESITE	. 11 •							_
			9							
		190' - 194' Pyrite generally quite abundant. In places minor	- · · · ·	1 2						-
		hematite is associated with pyrite.								
										-
						-			-	
									-	
			1						-	

Hole Number

K-75-3

77.014	· TO	D.D.C.D.T.D.T.C.L.	SAMPLE	FOOT	AGE	CORE	ASSAY			
FROM	OT	DESCRIPTION	NUMBER	FROM	TO	LGTH				
		Some magnetite still occurring - mainly as disseminations -	neer week				2 - 2			
	(0)	no veins.								
	+ +0							100		
		215. 5': 3/4" gouge at approx. 30° - 35° to the core axis.	N N							
					STATE OF		-			
		Down to about 100' chalco occurs only as very occassional specks.								
		After approx. 100' the disseminations seem to increase somewhat								
		but overall are still minor. Around 37' and 63' chalco more abunda	nt							
		than normal. Normally the disseminations can only be seen on the	No. No.						VIII. 12 (1)	
		outside surface of the core, and not along fractures or breaks.								
		Starting around 200' the chalco content seems to increase a little				* 1				
		more.	,							7
		226' - 243' - Many zones of very soft material.								
			, ×							
		236' - 241' - No core recovery.	TO STATE OF		1777					143
			4							
		221.5' - 55° Fracture with abundant magnetite.	74P2							
									3	
		242' Abundant magnetite.		- :	(6)					
	7.		4							
		Phenocrysts on the average seem to be becoming smaller in size.		P 4						
		Drilling becoming much more difficult (1' to 2' runs). Rock								
		extremely broken. No core recovery 273.5' - 274.5', 276' - 277'								
		281. 5' - 283'.								
		An occasional speck of chalco still occurring.		4	- 4					
			ii .							
		Hole drilled to 284.5' with no core recovery from 281.5'.				Later to the				
			*							
			2.0		**					
		( ) + m(sec -> + sec() ( ) () () (*************************		60 = 585 B	- 1	) (i.e.				

