019873

September 2, 1977

Texasgulf Inc.
701 - 1281 W. Georgia St.
Vancouver, B.C.
V6E 3J7

Attention J.M. Newell
District Manager

Dear Sirs:

Re: Pet 17, 19, 21, 35, 37, 39, 41 mineral claims; Record Nos. 16432, 16434, 16436, 16450, 16452, 16454, 16456 - Atlin Mining Division.

Thank you for your letter dated August 29, 1977, and the information submitted pursuant to Section 52 of the Mineral Act with respect to the above noted mineral claims.

Yours very truly,

R. Rutherford
Deputy Chief Gold Commissioner

bmh

Texasgulf Inc.

701-1281 West Georgia Street
Vancouver, B. C. V6E 3J7
(604) 688-5476

Exploration Department

August 29, 1977.

Mr. E.J. Bowles, Chief Gold Commissioner
Department of Mines & Petroleum Resources
Parliament Buildings
Victoria, B.C.
V8V 1X4

8129

Dear Sir,

The following mineral claims were forfeited on June 29, 1977, due to failure to file additional assessment work.

Pet 17	Record #	16432G
Pet 19	"	16434G
Pet 21	"	16436G
Pet 35	"	16450G
Pet 37	"	16452G
Pet 39	"	16454G
Pet 41	"	16456G

The Pet 92 Fractional Mineral Claim (Record #18924) lapsed on August 24, 1977 and the Pet 79 Fractional Mineral Claim (Record # 17383M) will be allowed to expire on September 17, 1977. All the claims are located in the Atlin Mining Division and with the exception of the Pet 92 Fr, owned by Texasgulf Canada Ltd., all were registered in the name of Texasgulf Inc.

The following summary of exploration work completed is submitted in compliance with Section 52(2) of the Mineral Act.

Preliminary exploration of the Pet Mineral Claims was completed during 1971 and 1972. This work has been fully described in the following reports already submitted for assessment work.

1. "Geological & Geochemical Report on Pet Mineral Claims" by J.M. Newell, P.Eng. and P.R. DeLancey, M.Sc., dated January 1972 and submitted in support of Applications for Certificates of Work filed on May 26, 1972.

2. "Geological and Geophysical Report on the Pet Mineral Claims" by J.M. Newell, P.Eng., G. Podolsky, P.Eng., and J.R. Deighton, B.Sc., dated January 1973 and submitted in support of Applications

Cont'd...

SEP - 1 '77 PM

DEPT. OF MINES
AND PETROLEUM RESOURCES

REFERRED TO		DATE	INITIAL
C.G.C.			
D.C.G.C.		2/9	
G.C.			
BH	✓	2/9	B.H.
J.W.			
FILE NO.			
FILING CLERK			

for Certificates of Work filed on December 29, 1972.

A programme of diamond drilling, totalling 1260 feet in two holes, was completed in 1973 and applied for assessment work on July 23, 1973. Details of this work were not submitted. Copies of the drill logs and appropriate plan and section are forwarded with this report. The drill core is boxed and stacked at the drill site.

No further work has been undertaken on the property since completion of the 1973 drilling programme.

I trust this brief report will be satisfactory and would appreciate acknowledgement of receipt.

Yours very truly,

J.M. Newell,
District Manager

JMN:kdl
encl.

DRILL HOLE LOG

LOCATION:	Grid 5+17W, 1+40N
AZIM:	090°
DIP:	-45°
ELEV:	3715'
LENGTH:	651 feet
CORE SIZE:	190' NQ, 461' BQ
STARTED:	late on June 7th, 1973
COMPLETED:	June 14th Thursday, night shift
PURPOSE:	
CORE RECOVERY:	

HOLE No. 73P-1

PAGE NO. 1

PROPERTY: Pet Group - Ketchum Lake

CLAIM NO: Pet 19

SECTION:

LOGGED BY: J.R.F.

DATE LOGGED: June 9th

DRILLING CO: Actic Diamond Drilling

ASSAYED BY: Donbar Clegg & Co. Ltd.

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT
300		47°			
651		46°			

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %
0	18'	N. Casing to bedrock; surface to bedrock is about 16.5 feet i.e. approx. 18" of casing above surface level					
0	17'	Overburden					
		NQ drill core					
17	26.5	Syenite, light pinkish-buff coloured, fine-gr., very hard - siliceous fresh appearing rock; contains 12-25% mostly cream coloured feldspar phenocrysts euhedral to subhedral and generally less than 4 mm. Fractures intersect core axis at approx. 45°. Fracture surfaces commonly have thin blotchy coating of yellowish limonite and often shows pin point specs of black material, probably manganese.	22301	17'	20'	3'	.01
			22302	20	30	10	.01
		Core recovery is poor, estimate at 60% ie. much of recovery is chips ½-2" size. No visible sulphides. Mafic minerals <10%.					

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No.	73P-1
PAGE NO.	2
PROPERTY:	Pet Group
CLAIM NO:	
SECTION:	
LOGGED BY:	J.R.F.
DATE LOGGED:	June 9th
DRILLING CO:	Arctic Damond Drilling
ASSAYED BY:	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
26.5	30'	Rock type same (syenite) fracture density increases(3-4/inch) and fractures often contain a thin coating of black to dark red coloured hematite resulting in a dark red to brown coloured rock. 29-30' crush zone (shear) where rock is highly granulated, softer and broken	22303	30'	40'	10'	.01					
30	55.5	Rock changes to lighter pink colour with less abundant hematite on fractures. Slight hint or trace of malachite in a few fractures, (not positively identifed). Fractures 1 mm or less in width and trend cross-cut to core axis as well as parallel in some case. Zones where rock is well crackled. Core Box 1 17-33' " " 2 33-52' Rock varies in colour from dark reddish to lighter pink-buff with variation of hematite in small fractures. Core recovery is about 60-65%	22304	40	50	10	L .01					
55.5	57.0	No recovery - reported sand & gravel washed out and lost. Core Box 3: 52-71.5	22305	50	60	10	.01					
57.0	57.5	Pink-red syenite rock chips as above 50% recovery										
57.5	61.0	No recovery - reported sand & gravel washed out.										

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

HOLE No. 73P-1

PAGE NO. 3

PROPERTY: Pet Group

CLAIM NO:

SECTION:

LOGGED BY: J.P.F.

DATE LOGGED: June 9th

DRILLING CO: Arctic Diamond Drilling

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
61.0	75.0	Pink-red f.gr. syenite as before.Very	22306	60'	70'	10'	.01					
		hard - likely a siliceous matrix.										
		64.5 - a few inches of fault gouge										
		80% soft clay										
		67.5-70.5' fault gouge - rock is highly										
		altered (core recovery 80%) to soft clays										
		and contains 20-25% hematite.										
		70.5' traces of malachite in fractures	22307	70'	80'	10'	L .01					
		74.5' rock well crackled and fractured,										
		abundant hematite.										
		72-75' fractures intersect from 45-90°										
		to core axis.										
		72.5' - a few inches of fault gouge.										
		Core Box 4 71.5-84.5'										
75.0	97.5	75.0' Contact intersects core axis at										
		40°. Contact between dark pink syenite										
		rock above and light whitish grey										
		monzonite.	22308	80	90	10	L .01					
		Monzonite contains abundant subhedral to										
		euhedral white feldspars up to 5 mm in										
		size (generally smaller) which are										
		altered to soft white clay (sericite).										
		Alteration is chiefly kaolinization with										
		minor sporadic saussuritization. Fractures										
		intersect core axis at angles of 40-50°										
		and approx. 20°. Fractures almost										
		invariably have been flooded with pink										
		potassic feldspars. Fracture density is										
		approx. 10/foot with small intervals										
		much greater.										

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No. 73P-1

PAGE NO. 5

PROPERTY: Pet Group

CLAIM NO:

SECTION:

LOGGED BY: J.R.F.

DATE LOGGED: June 10,1973

DRILLING CO: Arctic Diamond Drilling

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
		Rock consists of about 60-80% white	22309	90	100	10'	L .01					
		feldspars, 10% mafics, chiefly tiny										
		blebs of biotite partially altered to										
		chlorite; 10-15% pink feldspars along										
		fractures; short sections may carry as										
		much as 20-30% pink feldspars; quartz										
		is rarely visible hence less than 10% -										
		core recovery 95-98%.										
		Core Box 5: 84.5-99.5'										
		80' fault-rock is soft crumbly & highly										
		sheared - followed,6-8" of dark pink										
		feldspar rich crackled rock with abundant										
		red hematite filling fractures.										
		84-86.5' abundant pink feldspars, rock is										
		well fractured.										
		Fractures intersect at approx. 15-20°,										
		40-50°, 70-80°.										
		Core recovery from 84.5-99.5' is about										
		98%.										
97.5	107'	Abundant K-spar and hematite flooding										
		along fractures results in a more dark										
		red-pink coloured rock - probably a										
		monzonite with abundant K-spar replacement										
		yielding the appearance of syenite.										
		Core Box 6: 99.5-113.0'										
		104-104.5 rock contains less fractures &										
		subsequently less pink feldspars & hemat-										
		ite which results in a monzonite appear-										
		ance.										

DRILL HOLE LOG

HOLE No.	73P01
PAGE NO.	6

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
		Box 7: 113.0-125.0 recovery 90%										
		102-104' rock is well crushed and broken	22310	100'	110'	10	L .01					
		core recovery down to approx. 75%										
107	135	Fault zone.										
		107-112' highly fractured rock with										
		abundant hematite filling fractures										
		(filled fractures generally 1.2 mm in										
		width) fracture density is approx. 20/	22311	110	120	10	L .01					
		ft. Dominant trend is a 40-50° inter-										
		section of core axis.										
		Rock is dark red-pink coloured (80%										
		red colour)	22312	120	130	10	L .01					
		113-124' fracture system parallel to core										
		axis as well as other mentioned cross										
		cutting fractures. Rock is well crushed	22313	130	140	10	L .01					
		114-115' poorly developed chlorite in										
		shear.										
		119-119.5 poorly developed chlorite in										
		shear.										
135.0	169.0	Rock changes to the lighter coloured	22314	140	150	10	L .01					
		monzonite with pink K-spar envelopes										
		developed along fractures (up to ½ inch										
		width)										
		Rock continues to be well fractured but	22315	150	160	10	L .01					
		lighter coloured. Contains up to 15%										
		mafic, mostly fine clots of biotite.										
		60-80% kaolinized feldspars. mod-strong										
		kaolinization some sericite Note:										
		Periodically find text book examples of chlorite crystals, mostly after biotite but occasionally appears										

DRILL HOLE LOG

LOCATION:		HOLE No. 73P-1	PAGE NO. 7
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	
PURPOSE:		DATE LOGGED:	
		DRILLING CO:	
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
		137-137.5' crushed (shear zone).										
		Box 8: 125.0-137.5' Recovery 80-90%										
		139.5' fracture parallel to core axis of-										
		fsets a 50° fracture intersection by ½"										
		142-149' increased content of dark red	22316	160	170	10'	L .01					
		feldspars (up to 80% over 6-8") but rock										
		type probably a K-spar flooded monzonite										
		155-156' rock is badly fractured & broken	22317	170	180	10	L .01					
		159-160 " " " " "										
		alteration: moderate to strong kaolinization										
		of feldspars, generally weak chloritizat-										
		ion of biotite.										
		Box 10: 149.5-163.5 95% recovery.										
		168' 2 inch thick menatite seam inter-										
		secting core axis at 20° appears to be a	22318	180	190	10	L .01					
		shear.										
		163.5-169' good zone of light coloured										
		monzonite with low fracture density (6/										
		foot) and relatively little K-spar flood-										
		ing.										
169.0	181.0	Fracture density increases and rock										
		assumes a dark-red pink colour again due										
		to abundant hematite filling fractures.										
		Fracture density up to approx. 30/foot										
		in some cases.										
181	190	179-181' Contact between the dark red-										
		pink coloured, hematite rich syenitic rock										
		and the ligher coloured monzonite with										
		K-spar flooding.The contact intersects										
		core axis at 25° and is offset 3-4 times										

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

HOLE No. 73P-1

PAGE NO. 8

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY: J.R.F.

DATE LOGGED: June 10, 1973

DRILLING CO: Arctic Diamond Drilling

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
		over 2' by small cross cutting micra										
		faults (displacement 1") at inter-										
		section of 60-75°.										
		The chief difference between rock types										
		is abundance of hematite and pink feld-										
		spar content, which results in mostly a										
		colour change only. Both rocks are	22319	190	200	10	L .01					
		medium-grained.	22320	200	210	10	L .01					
		Box 12: 179.0-196.0' 95% recovery.										
		Note: 181-190' is a mixed contact zone										
		where rock is highly fractured - sus-										
		pected to be a fault contact.										
		Note: NQ drilled to 190' then changed										
		to BQ (i.e. No NQ rods left)										
		Box 13: 196.0-210.5' essentially 100%										
		recovery.										
190.0	210.0	Light coloured monzonite with K-spar										
		envelopes along fractures. Fractures										
		intersect core axis at 45° and 30° with										
		a few occasionally parallel. Fracture										
		density decreases noticably to approx.										
		5-6/foot.										
		10-20% pink feldspars - moderate kaolin-										
		ization.										
		60-70% white feldspars.										
		10% mafics (biotite) partially gone to										
		chlorite - minor quartz & carbonate vein-										
		lets.										

DRILL HOLE LOG

HOLE No.	73P-1
PAGE NO.	8

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS					
210	221.0	As above but increase in hematite filled										
		fractures.Also increase in what appears										
		to be K-spar flooding along fractures.										
		221' - 2" fault gouge cutting core at 65°										
221	226.5	Zone shows good K-spar flooding	22322	220'	230'	10'	L.01					
		Core Box 14: 210.5-227.5 essentially										
		100% recovery.										
226.5	229.0	2½' of fault-gouge-soft crumbly altered										
		rock - hematite noticably absent	22323	230	240	10	L .01					
229.0	232.5	As in 190-210' and 210-221'										
232.5		232.5-236 Crush or fault zone - rock										
		soft and cumbly recovery 80-90%	22324	240	250	10	L .01					
		Box 15: 227.5-242 recovery 95-98%										
		Increase in red hematite-rock is badly										
		fractured soft and more broken.										
242.5	248	Fault zone - crumbly broken rock rich										
		in hematite.Fault appears to intersect										
		core axis at approx. 20°										
		Box 16: 242-258 recovery 99%										
248	257	Monzonite, med.gr. - well fractured with										
		abundant hematite & K-spar giving dark										
		red-pink colour.										

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

HOLE No. 73P-1

PAGE NO. 10

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %
257.0	304.5	Lighter pink coloured monzonite - less well					
		fractured with subsequent less hematite	22325	250'	260'	10'	L .01
		and pink feldspars. Rock cores much better.					
		Box 17: 258-273.5' recovery 99%					
		260.0 Fracture ½" wide & filled with red					
		hematite intersects core axis at 25°	22326	260	270	10	L .01
		Other fracture system intersects at 40-50°					
		Fracture density is approx. 10/foot					
		266')short sections where rock is badly					
		268')sheared & crumbly (small faults)	22327	270	280	10	L .01
		276-282' micro to med.gr. breccia with red					
		hematite filling - rock becomes deeper					
		red-pink colour with increase in hematite					
		content.	22328	280	290	10	L .01
		Box 18: 273.5-288.0' recovery 97%					
		293-302' quartz filling fractures - width					
		from 1/8"to 3/8" density erratic,approx.					
		3-4/foot K-spar envelopes along fractures	22329	290	300	10	L .01
		Box 18&19: core is slightly harder with					
		less kaolinization of feldspar.Weak chlorite					
		alter.of biotites (weak-moderate)	22330	300	310	10	L .01
		Box 19: 288.0-304.0 recovery 99%					
304.5	321.2	Rock shows increase in pink feldspar					
		content.(well flooded) with slight incr.					
		in fracture density (12/foot)	22331	310	320	10	NA
		fault 316.5-320' shear zone inter. core axis					
		at approx. 10° soft crushed rock heavy in					
		clay and chlorite.					

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No.	73P-1
PAGE NO.	11
PROPERTY:	
CLAIM NO:	
SECTION:	
LOGGED BY:	J.R.F.
DATE LOGGED:	June 12, 1973
DRILLING CO:	Arctic Diamond Drilling
ASSAYED BY:	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
321.2	358.77	Monzonite as before but has a slight	22332	320'	330'	10'	L .01					
		greenish hue from what appears to be weak										
		saussuritization of feldspars.										
		Box 20: 304.0-317.5 recovery 97%										
		331.5-348.5' increased pink K-spar flood-	22333	330	340	10	n.a.					
		ing. Fracture density is approx. 12/foot										
		342.5'-about 1" fault gouge intersecting										
		core axis at 10°- 15° soft clay material										
		and chlorite	22334	340	350	10	L .01					
		Box 21: 317.5-330.0 recovery 99%										
		358.75' as above (fault gouge)										
368.75	364.0	358.75'364'- heavy pink feldspar content	22335	350	360	10	n.a.					
		resulting in syenite appearance (up to										
		80% pink feldspar.										
		Box 22: 330.0-345' recovery 99%										
364.0	374.5	Predominantly lighter coloured med.gr.										
		monzonite with pink feldspar envelopes	23336	360	370	10	L .01					
		along fractures										
		370.5-374' mostly chips - little core										
		Box 23:345-359.25' recovery 99%										
374.5	383.0	Syenitic rock-80% dark red-pink coloured	22337	370	380	10	n.a.					
		due to heavy K-spar content and red hem-										
		atite and black specularite filling										
		fractures up to ½" width but generally less										

DRILL HOLE LOG

HOLE No. 73P-1

PAGE NO. 12

LOCATION:

AZIM: ELEV:

DIP: LENGTH:

CORE SIZE:

STARTED:

COMPLETED:

PURPOSE:

CORE RECOVERY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
		Box 24: 359.25-275.5 - recovery 98%										
		Box 25: 375.5-392.0' recovery 98%										
383.0	394.5	Lighter coloured monzonite with K-spar										
		envelopes along fractures. As in 364.0-										
		374.5										
		383.5-387.0' rock does not core very well	22338	380	390	10	L .01					
		mostly chips.										
		Box 26: 392.0-409.8' recovery 90%										
394.5	406.0	294.5-406' Fault zone rock is highly	22339	390	400	10	n.a.					
	fault	crushed and altered to soft clay mixed										
		with hematite & minor chlorite. Intersects										
		core axis at roughly 45°. Recovery is	22340	400	410	10	L .01					
		70-80% in fault zone.										
406.0	453.0	Mixed rock-portions rich in K-spar and										
		sections more like monzonite with K-spar	22341	410	420	10	n.a.					
		envlopes along fractures.										
		Box 27: 409.8-427.5' recovery 90-95%										
		412.5-414.0' fault zone - crushed, altered										
		rock as in previous faults. Intersects	22342	420	430	10	L .01					
		core axis at roughly 45°.										
		Box 28: 427.5-453.0' recovery 40-50%										
		418-453' Fault zone where shearing inter-										
		sects core axis variably from 10-60°.										
		Rock is soft highly altered fault gouge	22343	430	440	10	n.a.					
		but recovery remains good until 731' then										
		recovery drops to approx. 50%. In places										
		shearing is parallel to core axis.	22344	440	450	10	L .01					

DRILL HOLE LOG

LOCATION:		HOLE No. 73P-1	PAGE NO. 13
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	J.P.F.
PURPOSE:		DATE LOGGED:	June 14, 1973
		DRILLING CO:	Arctic Diamond Drilling
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %
		Box 29: 453.0-466.0' recovery 98%					
		Box 30: 466.0-486.5' recovery 75%					
453.0	487.5	Med.gr.monzonite with K-spar envelopes	22345	450	460	10	n.a.
		along fractures.Generally ½",1" and some-					
		times up to 5" thickness of K-spar.Weak					
		to mod. kaolinization of white plagio-					
		clase phenocrysts.Very little mafic	22346	460	470	10	L.01
		minerals (i.e. 10% or less biotite).					
		458-461'.Intersect fault at about 40-60°					
		Recovery is fairly good i.e. 85-90%	22347	470	480	10	n.a.
		Box 31: 486.5-513.5' recovery 40%					
		774.5-483.0'. Fault rich in hematite.Core					
		recovery drops to approx. 50%	22348	480	490	10	L .01
487.5	578	Gradational Contact. 487.5. Rock assumes					
		a more syenite appearance. Consists of	22349	490	500	10	n.a.
		80% pink feldspars with low mafic content					
		(10%). Fairly uniformly dark pink-red					
		colour, and med. grined. Contains specul-	22350	500	510	10	L..01
		arite in some fractures and minor fine					
		disseminations.	22351	510	520	10	n.a.
		490-502'. 30% recovery - chips only					
		badly fractured ground					
		506-510' Fault gouge (25% core recovery					
		over 4 feet.					
		Box 32: 513.5-529.5' recovery 95%					
		512-520' sludge sample	22352	520	530	10	L..01
		524-2" piece with abundant biotite (sec.)					
		534-544' badly fractured rock - recovery					
		consists mostly of chips-some fractures					
		approx. parallel to core axis.					

DRILL HOLE LOG

LOCATION	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

HOLE No. 73P-1

PAGE NO. 14

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY: J.P.F.

DATE LOGGED: June 14, 1973

DRILLING CO: Arctic Diamond Drilling

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %
		Box 33: 529.5-547' recovery 90%					
		523-543' sludge sample	22353	530'	540'	10'	n.a.
	from	essentially no change in syenite appear.					
	487.5	of rock. Red hematite is not as common					
		as previously but specularite is more					
		common than in first 400 feet of hole	22354	540	550	10	.01
		Note: at 508(approx.) hole began to make					
		water at rate of 6-7 gals/minute	22355	550	560	10	n.a.
		Box 34: 547-563.0' recovery 98%					
		553-554' one foot where rock is slightly					
		depleted in pink feldspar and has more					
		abundant white feldspars, fine to med.gr.	22356	560	570	10	.01
		(Syenite all through box 34).Rock cores					
		better in box 34 & is less well fractured.					
		Estimate approx.6/ft fract.density.Note:					
		in box 35,about 50% is core&50% chips	22357	570	580	10	n.a.
578	592	Gradational contact at approx. 578'.Rock					
		changes from K-spar rich finer-grained					
		syenitic appear. to a med. to coarse gr.	22358	580	590	10	L .01
		lighter coloured monzonitic rock consisting					
		of up to 70-80% white feldspars which have					
		been weakly to mod. kaolinized.Note: short					
		sections of up to 4-5" consists of mostly					
		pink feldspars and narrow K-spar envelopes					
		are scattered through core.					
		581-583 Fault gouge					
		Box 36: 579.0-594.0' recovery 98%					

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

HOLE No. 73P-1

PAGE NO. 15

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY: J.R.F.

DATE LOGGED: June 17, 1973

DRILLING CO: Arctic Diamond Drilling

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %
592	595.0	Syenitic rock,fine-med.gr.rock in pink	22359	590	600	10'	n.a.
		K-spar					
		Box 37: 594.0-612.0' recovery 90-95%					
595.0	597.0	Contact intersects at 30° to core axis					
		Rock changes to a 2 foot section of					
		mottled grey, fine to med.gr. rock conta-					
		ining sub-angular to sub-rounded fragments					
		of pink K-spar mixed with a carbonate					
		material(?).Ground mass is dark grey to					
		black aphanitic material containing small					
		plagioclase phenocrysts.	22360	600	610	10	L .01
597.0	614.0	Fault intersects core axis at 10°-15°					
		Fault gouge - first 4 feet is rich in red					
		hematite.Section consists of 80% soft	22361	610	620	10	n.a.
		rock which has been highly sheared &					
		crushed.					
		Box 38: 612.0-627.0 recovery 99%					
614.0	629.2	Med.gr. light whitish-grey coloured					
		monzonite containing 10% or less mafic					
		minerals. Rock is frequently cut by	22362	620	630	10	L .01
		K-spar envelopes along fractures and					
		occasionally pink feldspar sections are up					
		to 2-3" wide but generally 1" or less.					
		Also often have red hematitic material in					
		fractures. Fracture density is approx. 12/					
		foot.					

DRILL HOLE LOG

LOCATION	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

HOLE No. 73P-1

PAGE NO. 16

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY:

DATE LOGGED:

DRILLING CO:

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
629.2	651.0	Fine to med. gr. pink K-spar rich syenite	22363	630'	640'	10'	n.a.					
	end of	rock. Contains two or three short (1-2")										
	hole	sections of coarser gr. lighter coloured										
		monzonite rock. Rock is slightly less	22364	640	650	11	L .01					
		fractured in places but not significantly										
		different. Fractures intersect core axis										
		at various angles between 30°- 60°.There										
		are occasional exceptions.										
		Box 39: 627.0-641.5' recovery 99%										
		Box 40: 641.5-651.0' recovery 99%										

DRILL HOLE LOG

LOCATION	Grid 5+17W, 1+40N
AZIM:	270°
DIP:	-45°
ELEV:	3715'
LENGTH:	609 feet
CORE SIZE:	176' NQ, then BQ
STARTED:	June 17, 1973
COMPLETED:	June 23, 1973
PURPOSE:	
CORE RECOVERY:	

HOLE No. 73P-2

PAGE NO. 1

PROPERTY: Pet Group

CLAIM NO: Pet #19

SECTION:

LOGGED BY: J.P.F.

DATE LOGGED: June 19, 1973

DRILLING CO: Arctic Diamond Drilling

ASSAYED BY: Bondar-Clegg & Co. Ltd.

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT
609		44°			

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %
0	40	Overburden					
		Box 1:40.0-53.0'recovery 95%.(50% chips					
		50% core)no vis.sulphide min.					
40	71.5	Med.gr. light grey monzonite containing					
		60-80% feldspars,approx.10-15% small					
		biotites which are about ½ gone to chlorite					
		Plagioclase feldspars are moderately well	22374	40'	50'	10	n.a.
		altered (kaolinized)					
		Rock is well fractured and broken,fracture					
		density is approx.20/foot.Intersections to					
		core axis are (1)45°(2)30-60°(3)parallel					
		(4)close to rt.angles.Fractures(1)&(2)					
		are more abundant. Pink K-spar flooding	22375	50	60	10	n.a.
		along hematite filled fractures is					
		prominent from 40-42'.Fractures are gen-					
		erally less than ¼" in thickness.48-49'					
		fault gouge consisting of soft clays &&					
		chlorite intersects core axis at 45°.					
		Box 2: 53.0-65.5' recovery 95%.No visible					
		sulphide mineralization.					
		Note:Sections of core are well laced with	22376	60	70	10	.01
		micro fractures usually containing a thin					
		film of red hematite. Occasionally a few					
		fractures are infilled with quartz (up to					
		¼" in width) but these are uncommon.					
		58-59'. small fault.					
		62.5' ½" quartz vein offset 1" by microfault.					
		Rock is highly fractured throughout Box 2					
		K-spar flooding along fractures is not as					
		prominent at this stage as compared to					
		hole 73P-1					

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No.	73P-2
PAGE NO.	2
PROPERTY:	
CLAIM NO:	
SECTION:	
LOGGED BY:	J.R.F.
DATE LOGGED:	June 19, 1973
DRILLING CO:	Arctic Diamond Drilling
ASSAYED BY:	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
71.5	81.0	Rock is essentially the same but assumes										
		a more grey-green colouration and biotite										
		phenocrysts up to 1/8" in size are slightly										
		more common.(i.e. 15%)Also,good subhedral	22377	70'	80'	10	n.a.					
		white feldspar phenocrysts are less										
		abundant and fractures decrease to roughly										
		10/ft. Brick red K-spar? envelopes along										
		fractures is slightly more prominent than										
		in the previous section. Rock in this										
		section is much fresher and has been only										
		weakly altered.	22378	80	90	10	n.a.					
		Box 3: 65.5-77.0' recovery 98%.(mostly										
		core, few chips).										
		Box 4: 77.0-89.5' recovery 98%										
81.0	95.0	Lighter coloured med.gr. monzonite as										
		described in section 40-71.5'. Increase										
		in fracture density etc. with change										
		(subtle change) in rock.	22379	90	100	10	L .01					
		90.5-93.0' - rich hematite zone in badly										
	shearing	broken monzonite										
		94.0-95.0' broken chips with hematite										
		Box 5: 89.5-101.5' recovery 98% badly br.										
		core.										
		In this section, K-spar development is										
		not prominent.										
		Box 6: 101.5-114.5' recovery 99%										
95.0	195.7	Rock changes back to slightly greyish with										
		green tinge monzonite as in the section	22380	100	110	10	n.a.					

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

HOLE No. 73P-2

PAGE NO. 3

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY: J.R.F.

DATE LOGGED: June 19, 1973

DRILLING CO: Arctic Diamond Drilling

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %
		71.5-81.0'. Pink K-spar development along					
		fractures is more prominent.Fracture					
		density is approx. 10/ft. Alteration is					
		slightly less well developed in the feld-	22381	110'	120'	10'	n.a.
		spars. Biotite is commonly rimmed with					
		chlorite or in some cases completely					
		altered to chlorite.Red and black hema-					
		tite coatings on fracture surfaces are					
		common.(i.e. uncommon)when not found)	22382	120	130	10	L .01
		Box 7: 114.5-128' recovery 99%					
		Fractures intersect core axis at 45°,30°					
		and 60° for the most part.There are					
		occasional exceptions.					
		Note: Faulting, fracturing and hematite	22384	140	150	10	n.a.
		content is much less in the first 150' of					
		DDH 73P-2 than in DDH 73P-1. The rock					
		cores much better due to the rare					
		occurrences of fault gouge intersected to	22385	150	160	10	L .01
		this point.(i.e. 169.0). Also there has					
		not been any significant amounts of					
		syenitic rock encountered yet. This					
		suggests a relationship between the degree	22386	160	170	10	n.a.
		of fracturing and K-spar flooding.					
		Box 8: 128.0-142.0' recovery 99%					
		Although some narrow k-spar envelopes					
		along fractures occur, their abundance					
		has been significantly depleted and in					
		some sections, noticably absent.	22387	170	180	10	n.a.

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No.	73P-2
PAGE NO.	4
PROPERTY:	
CLAIM NO:	
SECTION:	
LOGGED BY:	J.R.F.
DATE LOGGED:	June 19, 1973
DRILLING CO:	Arctic Diamond Drilling
ASSAYED BY:	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
		The content of mafic material, chiefly										
		biotite probably reaches as high as 20% i[illegible]										
		in some sections.										
		Box 9: 142.0-156.0' recovery 99%										
		Note: what has been referred to as K-spar	22388	180	190	10	L .01					
		flooding is probably in fact (in many										
		instances) a dusting of fine hematite on										
		albite feldspars.										
		Box 10: 156.0-170.5' recovery 99%										
	NQ-BQ	176' switch to BQ core	22389	190	200	10	n.a.					
		170-177'- increase in red hematite content										
		along fractures										
		180-184' plus - fracture foliation cuts										
		core axis at 40°										
		184' small 6" fault.										
		Box 11: 170.5-183.3' recovery 98%										
		Box 12: small fractures filled with hemat-										
		ite are slightly more prevalent.Fracture										
		density is roughly 15/foot.										
		190-195' moderately well developed chlorite										
		alteration of biotites (biotite clots										
		average about 1/8" in size.										
195.7	195.9	Breccia (approx. 3") consisting of										
		angular to sub-angular to sub-rounded										
		fragments from 1/8" in size. 95% of frags	22390	200	210	10	n.a.					
		are host rock (i.e. monzonite) with a few										
		closely packed with a matrix filling of										

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No.	73P-2
PAGE NO.	5
PROPERTY:	
CLAIM NO:	
SECTION:	
LOGGED BY:	J.R.F.
DATE LOGGED:	June 21, 1973
DRILLING CO:	Arctic Diamond Drilling
ASSAYED BY:	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
		what appears to be red hematite and finely										
		commuted rock. Some fragments can be										
		classed as essentially rounded	22391	210'	220'	10'	L .01					
		Box 12: 183.3-196.5' recovery 99%										
195.9	208	Light whitish grey monzonite - less well										
		fractured than previous rock and somewhat										
		fresher in appearance. Fracture density										
		of approx. 6/ft and relatively little										
		hematite colouration.	22392	220	230	10	n.a.					
		Note: Breccia intersects this core section										
		at angles 10°,65° and approx. parallel to										
		core axis and is offset thru core by small										
		(micro) faults at 40-50° to core axis i.e.										
		short sections of core up to 2' long										
		where half is monzonite and half is brec-										
		cia. Those may in fact by large frags. of	22393	230	240	10	n.a.					
		monzonite.										
		Box 13: 196.5-212.0' recovery 99%										
		Box 14: 212.0-223.5' recovery 99%										
208	243.5	Sharp contact at 35° to core axis,between										
		whitish grey monzonite above and breccia										
		below.Most breccia fragments are monzonite										
		from 1/16" to 2-3" in size, and sub-										
		angular to sub-rounded to rounded in										
		shapes. A small percentage (5% or less)										
		of the fragments consist of dark grey to										
		green andesitic material 218' - approx. 2'										
		of hard dark-grey to black siliceous										
		fragmental rock,probably Triassic tuff.	22394	240	250	10	L .01					

DRILL HOLE LOG

LOCATION:		HOLE No. 73P-2	PAGE NO. 6
AZIM:	ELEV:	PROPERTY:	
DIP:	LENGTH:		
	CORE SIZE:	CLAIM NO:	
STARTED:		SECTION:	
COMPLETED:		LOGGED BY:	J.R.F.
PURPOSE:		DATE LOGGED:	June 21, 1973
		DRILLING CO:	Arctic Diamond Drilling
CORE RECOVERY:		ASSAYED BY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
		Box 15: 228.5-244.5' recovery 99%										
		Also occasionally core consists of approx.										
		8" of monzonite only, which may be a large										
		breccia fragment. The matrix is										
		consistently dark red hematite colour,										
		likely a mixture of fine rock and hematite.										
		The matrix generally consists of between										
		5-15% of the rock, fragments making up										
		85-95%. There are variations in this										
		such as from 135.5 to 243.5' where										
		fragments are ¼" or less in size and										
		extremely closely packed with very little										
		matrix visible. Rock appears to be										
		almost a clastic dyke in this section.										
243.5	244.2	Sharp contact at 45° to core axis. 10"										
		dyke(?) cross-cutting. Rock is fine-gr.										
		grey coloured with about 10% white feld-										
		spar phenocrysts approx. 1/8" in size.										
		Contains small fractures with red										
		hematite filling. Contact is very sharp										
		and shows no chilled margins so may in fact										
		be a large fragment of andesite.										
		Box 16: 244.5-260.0' recovery 98%										
244.2	307.0	Breccia -as previously described, frags.	22395	250	260	10	n.a.					
		up to 6"										
		247' - fault gauge (10") intersects core	22396	260	270	10	n.a.					
		axis at 20°.										

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

HOLE No. 73P-2

PAGE NO. 7

PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY: J.R.F.

DATE LOGGED: June 21, 1973

DRILLING CO: Arctic Diamond Drilling

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
		Box 17: 260.0-276.0' recovery 99%										
		275.5 - core intersects a large, fine gr.										
		light grey coloured siliceous fragment.	22397	270	280	10	L .01					
		This fragment has a core length of 9" and										
		does not show any evidence of dyke struct-										
		ure. Box 18: 276.0-290.0' recovery 98%										
		Box 19: 290.0-303.5' recovery 98%										
		276.3-282.5' Breccia-less fragments and	22398	280	290	10	n.a.					
		more red coloured matrix.Breccia frags.										
		are therefore less closely packed and	22399	290	300	10	n.a.					
		generally more angular in shape.										
		283-284 - red hematite rich shear zone	22400	300	310	10	L .01					
		285-286.5 " " " " "										
		290.5-294.5' faulg gouge - heavily sheared										
		to clay and crumbly rock	22401	310	320	10	n.a.					
307	316.0	At 307' core intersects fault zone where										
		breccia grades into a highly sheared and										
		altered rock which is rich in hematite.										
		Breccia fragments are visible in some										
		parts of the fault zone.										
316	318.5	Syenitic appearing rock.dark red-pink col.										
		rich in what appears to be K-spar and										
		hematite(as previously noted pink feld-										
		spar colouration may in large part be due										
		to hematite dusting of plagioclase										
		feldspars).										
		Box 20: 303.51-318.0' recovery 98%										

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

HOLE No.	73P-2
PAGE NO.	8
PROPERTY:	
CLAIM NO:	
SECTION:	
LOGGED BY:	J.R.F.
DATE LOGGED:	June 23, 1973
DRILLING CO:	Arctic Diamond Drilling
ASSAYED BY:	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %
318.5	329.5	Section of highly faulted & sheared					
		syenitic appearing rock. Rich in red	22402	320	330'	10'	n.a.
		hematite resulting in dark reddish colour-					
		ation.					
		Box 21: 318.0-334.0' recovery 98%	22403	330	340	10	L .01
329.5	368.0	Syenitic rock, fine to med.gr.,red to pink					
		coloured with abundant small fractures					
		filled with hematite. Some rock as	22404	340	350	10	n.a.
		previously described numberous times.					
		Contains the odd ¼-1/8" veinlet with					
		quartz filling which intersect core axis					
		between 30°- 60°.	22405	350	360	10	n.a.
		Fracture density is roughly 10/foot but					
		this varies locally.					
		Box 22: 334.0-348.0' recovery 99%					
		Box 23: 348.0-363.5' recovery 99%					
		Note: Abundant faults intersect this	22406	360	370	10	L .01
		section of core at various angles but					
		generally from 30-60° to core axis. These					
		shear zones are frequent and vary from					
		approx.1 foot or less to 6' or more in	22407	370	380	10	n.a.
		thickness.They are notmineralized except					
		by red hematite.It is noted that hematite is					
		less abundant in fault structures in					
		73P-2 than is the case in 73P-1.					
		Box 24: 363.5-377.5' recovery 98%					
		Box 25: 377.5-395.0' recovery 95%					
		Box 26: 395.0-409.0' recovery 95%					

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

HOLE No. 73P-2

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SECTION:

LOGGED BY: J.R.F.

DATE LOGGED: June 23,1973

DRILLING CO: Arctic Diamond Drilling

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
368	374	Monzonite-light grey to whitish coloured	22408	380	390	10	n.a.					
		fine to med.gr., generally strongly										
		altered and bleached.Absent of hematite,&										
		only minor amounts of pink feldspars.	22409	390	400	10	L .01					
		Plagioclase feldspars are strongly kaol-										
		inized and in sections, mafics are almost										
		completely gone	22410	400	410	10	n.a.					
374	402.5	Rock assumes a more syenitic appearance										
		with pink colouration.As described prev.										
		Note: Rock in core box 25 in 60% broken	22411	410	420	10	n.a.					
		chips indicating a high degree of fract.										
		Some fault gouge is present but fractured										
		chips are prevalent.	22422	420	430	10	L .01					
		Short sections of monzonite with abundant										
		white feldspars are present.										
		Box 27: 469.0-421.5' recovery 98%										
		399.5-406.75' heavy faulting,abundant										
		fault gouge	22413	430	440	10	n.a.					
402.5	497.5	Moderate to strongly altered light col.	22414	440	450	10	n.a.					
		monzonite (fine to med. gr.)										
		Clay fault gouge at 404-405.5'	22415	450	460	10	L .01					
		Box 26:consists at 50% rock chips (poor										
		drilling).Hematite in fractures is not										
		abundant. Pink feldspar zones up to	22416	460	470	10	n.a.					
		several inches wide are sporatically										
		distributed and in some instances appear										
		as fracture envelopes.Also, small quartz	22417	470	480	10	n.a.					
		veins cross cut periodically.										
		This section lacks hematite in fractures	22418	480	490	10	L .01					

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

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FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
		Box 28: 421.5-434.5' recovery 98%										
		Box 29: 434.5-449.5' recovery 99%										
		Box 30: 449.5-471.0' recovery 90%										
		Box 31: 471.0-484.0' recovery 98%										
		Box 32: 484.0-502.5' recovery 95%										
		Fracture density variable but up to approx.										
		15/foot in sections	22419	490	500'	10'	n.a.					
		435-497.5' pink feldspar envelopes along	22420	500	510	10	n.a.					
		small fractures is well developed.Monzon-										
		ite is med.gr. and feldspars & mafics are	22421	510	520	10	L .01					
		less well altered (mod. alteration).										
		480-490' recovery down to approx.30% badly										
		broken	22422	520	530	10	n.a.					
		482-484' fault gouge										
		510-511.5' short section at slightly brec.										
		pink feldspar rich monzonite with qtz	22423	530	540	10	n.a.					
		filling fractures.										
		513-517' shear zone - badly broken and										
		crushed rock	22424	540	550	10	L.01					
		521-530' large fault zone with abundant										
		fault gouge(soft crushed clay with rock)	22425	550	560	10	n.a.					
497.5	609.0	Rock is essentially med. gr. monzonite	22426	560	570	10	n.a.					
		but contains variable amount of pink										
		feldspars. The pink colouration changes										
		back and forth from abundant to absent										
		over relatively short sections of core.	22427	570	580	10	L.01					
		Not all of the pink feldspar zones are										
		confined to fractures,some zones appear										
		more massive & evenly distributed in rock	22428	580	590	10'	.02					
		(again over short sections).In some cases										

DRILL HOLE LOG

LOCATION:	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

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LOGGED BY:	J.R.F.
DATE LOGGED:	June 23,1973
DRILLING CO:	Arctic Drilling
ASSAYED BY:	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS Cu %					
		rock consists of 80% pink feldspar over										
		short distances.										
		Box 33:502.5-516.5' recovery 99%										
		Box 34: 516.5-581.0' recovery 97%										
		Box 35: 531.0-546.0' recovery 99%										
		Box 36: 546.0-561.5' recovery 98%										
		Box 37: 561.5-575.0' recovery 97%										
		Box 38: 575.0-589.5' recovery 98%										
		550.5-583.0' zone of very heavy faulting	22429	590	600	10'	L.01					
		Contains abundant highly altered &										
		sheared clay rich crumbly rock.Minor amounts										
		(i.e. 2-3')vicinity 563-566' are brecciated										
		with red hematite filling.Also have										
		periodic 2-3 inch sections (sheared) with										
		light green chlorite and talc alteration.										
		Much of the heavily sheared rock consists										
		of soft whitish clay minerals.										
		Note: At 581' a few chips of core contain										
		about 5% very tiny pyrite cubes disseminated										
		in badly fractured, pink feldspar rich										
		monzonite (med.gr. mod.-strong kaolinized)										
		Recovery at this point consists of chips										
		only.										
583.5	586.0	Fractured monzonite which contains very										
		fine pyrite mixed with black material										
		thought to be graphite in fracture fillings										
		The black material is also extremely fine										
		gr. and does not appear to be specularite										
		or chalcocite.It is not positively										

DRILL HOLE LOG

LOCATION	
AZIM:	ELEV:
DIP:	LENGTH:
	CORE SIZE:
STARTED:	
COMPLETED:	
PURPOSE:	
CORE RECOVERY:	

HOLE No. 73P-2

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PROPERTY:

CLAIM NO:

SECTION:

LOGGED BY: June 24,1973

DATE LOGGED: J.R.F.

DRILLING CO: Arctic Diamond Drilling

ASSAYED BY:

DIP TEST

FOOTAGE	READING	CORRECT	FOOTAGE	READING	CORRECT

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE FROM	FOOTAGE TO	LENGTH	ASSAYS
		identified as graphite. The pyrite and					
		graphite mixture would be approx. 10-15%					
		over 2½ feet, and bounded at both ends by					
		shears.					
		Box 39: 589.5-603.0' recovery 98%					
		Box 40: 603.0-608.0' recovery 99% END					
589.5	595	Monzonite contains mixture of very fine					
		pyrite and graphite filling a few fract-					
		ures. Abundance over 5½ feet is estimated					
		at 5% or less.					
		595-601' abundant shearing.					
		601-609 END. Hole ends in f.gr. pink					
		feldspar rich monzonite containing approx.					
		8-10 fractures/foot which are occasionally					
		filled with quartz. Rock is quite evenly					
		pink coloured and alteration is not as					
		well developed as in previous sections					
		of this hole (i.e. weak to mod.					
		alteration).					