

Diamond Drill Record Q59828-30

COLLAR: 224N		HOLE SURVEY		
NORTH	224N	FOOTAGE	AZIMUTH	DIP
EAST	195W	600'		
ELEVATION	4,100	Vertical		
LOGGED BY	R.A. Dickinson			
DATE LOGGED	6/24/72			
MAP REFERENCE NO.	115-I/3	METHOD: Acid Test		

COMPANY NAME Area Exploration Company 021327
 PROPERTY NAME Mount Nansen
 DRILLING CONTRACTOR E. Caron Diamond Drilling
 ASSAYER Bondar-Clegg & Co. Ltd.
 PURPOSE OF HOLE Intensive Phyllic alteration, metal factor anomaly, proven Cu (CP-1)

HOLE NO.	<u>CD-4</u>	77780
CLAIM NAME	<u>Dome 59</u>	CMR
COMMENCED	<u>June 18/72</u>	
FINISHED	<u>June 22/72</u>	
PROJECT NO.	<u>461</u>	

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu	Mo				
0	50		N W casing to 50'										
			B W casing to 50'										
			Several varying boulders cored to 55'. Quartz feldspar rhyodacite porphyry near surface, near bedrocks dark grey green quartz diorite.										
50	64	92%	Medium grained mesocratic grey green quartz diorite, broken core, all fractured surfaces thickly coated with goethite and minor jarosite.	50	60	10	100	0.040	0.030				
64	65	90%	Seam of iron stained kaolin, soft & friable.										
65	91	97%	Fine - medium grained biotite quartz diorite, grey black, moderately magnetic, goethite staining all fractures commonly parallel to core axis and 30-60°.	60	70	10	101	0.050	0.066				
			Most sulphides leached from fractures but finely <1% disseminated pyrite remains, minor chlorite, clay and epidote. @ 74.8 and 86.5 chalcocite thinly coats pyrite veinlets, core broken 2-3" sections.	70	80	10	102	0.120	0.018				
				80	90	10	103	0.220	0.019				
				90	100	10	104	0.210	0.015				
				100	110	10	105	0.110	0.015				
91	145	99%	Fine grained diorite, only minor evidence of weathering, minor limonite stains on the odd fracture. 1% finely disseminated pyrite & as hairline fracture fillings.	110	120	10	106	0.080	0.010				
				120	130	10	107	0.140	0.011				
				130	140	10	108	0.160	0.014				
				140	150	10	109	0.140	0.029				
			At 100, 103, 104, 119, 126, 1" massive pyrite veinlets coated with sooty black chalcocite, pyrite is iridescent.										

77780

Diamond Drill Record 77780

COLLAR:		HOLE SURVEY		
		FOOTAGE	AZIMUTH	DIP
NORTH _____				
EAST _____				
ELEVATION _____				
LOGGED BY _____				
DATE LOGGED _____				
MAP REFERENCE NO. _____		METHOD: _____		

COMPANY NAME Area Exploration Company

PROPERTY NAME Mount Nansen

DRILLING CONTRACTOR _____

ASSAYER _____

PURPOSE OF HOLE _____

HOLE NO. <u>CD-4</u>
CLAIM NAME <u>Dome 59</u>
COMMENCED _____
FINISHED _____
PROJECT NO. <u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu	Mo				
			Minor epidote clots associated with pyrite veinlets.										
145	149	99%	Sheared brecciated section, angular quartz rich aplitic fragments within quartz diorite, probably from movement along aplite dykelets. Pyrite & epidote, carbonate fillings subsequent to aplite intrusion & shearing. Thin rims of chalcocite on pyrite, aplite fragments stained pinkish (oxidation of magnetite?), one fracture is vuggy with calcite walls.	150	160	10	110	0.200	0.069				
149	151	99%	Good competent 1-2' sections of core. Quartz diorite finely disseminated pyrite. Minor chalcocite as pyrite skins.	160	170	10	111	0.080	0.017				
				170	180	10	112	0.050	0.012				
				147	159	12	113	0.530	0.041				Sludge
151	166	92%	Extremely broken core 1/2" pieces to sludge. Quartz diorite is soft, clayey & greenish grey. 5% pyrite with 10% @ 160-162'. Abundant chalcocite ≈ .4-.6% visual appears to coat pyrite (supergene).	159	170	11	114	0.430	0.015				"
				170	180	10	115	0.230	0.023				"
				180	190	10	116	0.160	0.022				"
				190	200	10	117	0.120	0.039				"
166	170	98%	Competent quartz diorite, minor white kaolin on a few fractures, only minor chalcocite & disseminated pyrite in quartz diorite.	200	210	10	118	0.180	0.045				"
				210	220	10	119	0.180	0.040				"
				180	190	10	120	0.060	0.013				
170	303	99%	Greenish black, melanocratic diorite - quartz diorite minor chlorite & epidote clots & specks replacing biotite & hornblende mafics. <1% disseminated pyrite	190	200	10	121	0.070	0.019				
				200	210	10	122	0.070	0.025				
				210	220	10	123	0.050	0.022				

shipped
6/23/72

Diamond Drill Record

77780

COLLAR:		HOLE SURVEY		
		FOOTAGE	AZIMUTH	DIP
NORTH _____				
EAST _____				
ELEVATION _____				
LOGGED BY _____				
DATE LOGGED _____				
MAP REFERENCE NO. _____		METHOD: _____		

COMPANY NAME Area Exploration Company

PROPERTY NAME Mount Nansen

DRILLING CONTRACTOR _____

ASSAYER _____

PURPOSE OF HOLE _____

HOLE NO. <u>CD-4</u>
CLAIM NAME <u>Dome 59</u>
COMMENCED _____
FINISHED _____
PROJECT NO. <u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu	Mo				
			but occur at all angles, good recovery - competent core										
			1-2' sections.										
393.5	411	99%	Greyish black, medium grain quartz diorite, 1% finely disseminated pyrite and odd fracture filling.	390	400	10	141	0.070	0.011				
				400	410	10	142	0.050	0.013				
411	441	97%	Feldspar porphyry (rhyodacite porphyry), dense to fine grained, dark grey black. 1% disseminated pyrite & trace finely disseminated chalcopyrite. Speck of Native Copper @ 412. Core competent, but broken at both contacts.	410	420	10	143	0.040	0.007				
				420	430	10	144	0.010	0.003				
				430	440	10	145	0.020	0.003				
441	457	99%	Quartz-latite, 1-2% finely disseminated pyrite, mafics 5% gone to chlorite.	440	450	10	146	0.020	0.003				
				450	460	10	147	0.020	0.013				
457	507	99%	Grey black fine grained quartz diorite, minor propylitization.	460	470	10	148	0.120	0.018				
				470	480	10	149	0.080	0.017				
507	527	80%	Extremely sheared & fractured quartz diorite, clay, carbonate & chlorite fill all fractures, 1-2% disseminated pyrite, shear surfaces show chloritized slickensides.	480	490	10	150	0.100	0.030				
				490	500	10	151	0.140	0.013				
				500	510	10	152	0.110	0.015				
				510	520	10	153	0.090	0.017				
527	555	99%	Grey black fine-med. grained quartz diorite, 5% epidote & chlorite clots. 1% disseminated pyrite. Good recovery 1-2' sections.	520	530	10	154	0.030	0.016				
				530	540	10	155	0.040	0.019				
				540	550	10	156	0.040	0.011				
555	566	99%	Aplitic - quartz latite, 5" sections, finely disseminated pyrite.	550	560	10	157	0.020	0.026				

Perhaps to assessment work on Dome, Dolly + Laura
 claims - 45979 - 46060,
 claw 60668 - 60726. 28 Sep 72

NORTH	7200 South	FOOTAGE	AZIMUTH	DIP
EAST	1500 West	400	045	-50°
ELEVATION	3900			
LOGGED BY	R. A. Dickinson			
DATE LOGGED	9/8/72			
MAP REFERENCE NO.	115-I-3	METHOD:		

DIAMOND DRILL RECORD 01327

COMPANY NAME Area Exploration Company
 PROPERTY NAME Mount Nansen
 DRILLING CONTRACTOR E. Caron Diamond Drilling Ltd.
 ASSAYER Bondar-Clegg & Company Ltd.
 PURPOSE OF HOLE Test geochem extension of Mt. Nansen vein zone, assessment

CMR-77804

HOLE NO.	CD-11	77804
CLAIM NAME	Jeff 7	
COMMENCED	August 3, 1972	
FINISHED	August 6, 1972	
PROJECT NO.	461	

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.						
0	20	-	Overburden. BW casing to 60'.										
20	27	85	Broken core, 1" sections, pebble size fragments. Oxidized, limonite stained, supergene clay altered, biotite-plagioclase schist. Biotite altered to chlorite. Fine grained.	20	30	10							
27	44	90	Extremely broken core, soft, crumbly, pebble size fragments of clay altered biotite schist.	30	40	10							
44	45	50	Greyish-black, graphitic, clayey gouge zone.										
45	55	95	Very fine grained grey-coloured, biotite-plagioclase schist with poorly developed segregation banding. Bands are commonly 3-4 mm wide. Foliation almost 1 to core axis. Slight limonite staining, and minor pyrite along hairline fractures and along foliation planes.	40	50	10							
55	57	80	Broken core, pebble size fragments of fine grained biotite-muscovite schist. Fragments thinly coated with goethite and jarosite.	50	55	5							
57	69	98	Well foliated biotite-muscovite schist. Very fine grained, blackish-grey. Segregation bands of feldspathic material and biotite rich laminae. Minor pyrite. 4" sections of core. At 60-61' fractured-brecciated zone filled with quartz-pyrite and minor chalcopyrite. Minor malachite stains quartz.	55	60	5							
				60	65	5							
				65	70	5							
69	79	95	Greenish-grey chlorite-muscovite schist. Well foliated and fine grained. Minor pyrite. Core average 3" sections, broken along foliation planes. Sharp contact with -	70	80	10							
				80	90	10							
				90	100	10							

COLLAR:

NORTH _____

EAST _____

ELEVATION _____

LOGGED BY _____

DATE LOGGED _____

MAP REFERENCE NO. _____

HOLE SURVEY

FOOTAGE

AZIMUTH

DIP

METHOD:

DIAMOND DRILL RECORD

COMPANY NAME _____

PROPERTY NAME _____

DRILLING CONTRACTOR _____

ASSAYER _____

PURPOSE OF HOLE _____

HOLE NO. CD-11

CLAIM NAME _____

COMMENCED _____

FINISHED _____

PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.						
			Minor malachite staining at 206.										
206	211.5	98	Fine grained, grey, well foliated biotite muscovite schist.	210	215	5	967						
211.5	212.5	85	Graphitic shear zone parallel to foliation.	215	220	5	968						
212.5	218		Biotite-muscovite schist. At 217 1" quartz stringer with minor malachite staining. Schistosity changes sharply to 30° to core axis after 3" graphitic gouge zone at 218.										
223.5	224	98	Creamy-white, feldspathic quartzite. Sharp contacts.										
224	237	98	Muscovite rich graphite schist. Good core recovery, 6" sections. Minor pyrite.	220	230	10	969						
237	240	90	Finely banded, biotite-muscovite schist. At 237 foliation reverts back to 70° to core axis after 2" gouge zone. Broken core 2" sections. Minor pyrite and chalcopyrite along hairline fractures at all <'s to core axis, but not intense.	230	240	10	970						
240	277	98	Graphitic, muscovite-biotite schist that grades into biotite schist. Biotite is reddish brown. At 240 foliation changes back to 30° to core axis after 2" graphitic gouge zone. At 245 feldspathic laminae stained with malachite. Minor pyrite, chalcopyrite.	240	250	10	971						
				250	260	10	972						
				260	270	10	973						
				270	275	5	974						
277	293	90	Clayey, grey, black graphitic shear zone. Pebble size fragments. Minor pyrite, chalcopyrite and malachite.	275	280	5	975						
				280	285	5							
293	298	98	Fine grained, well foliated (60° to core axis), thinly lamellae muscovite schist. Minor pyrite, chalcopyrite and malachite.	285	290	5							
				290	295	5							

Diamond Drill Record

021327 Dup PAGE 1 OF 2

COLLAR:		HOLE SURVEY		
NORTH	304N	FOOTAGE	AZIMUTH	DIP
EAST	212W	0	-	-90
ELEVATION	3800'	to		
LOGGED BY	G. Jilson	603		
DATE LOGGED	Oct/73			
MAP REFERENCE NO	115-I-3	METHOD		

COMPANY NAME Area Exploration Company
 PROPERTY NAME Mount Nansen
 DRILLING CONTRACTOR E. Caron Diamond Drilling Ltd.
 ASSAYER Bondar-Clegg & Co. Ltd.
 PURPOSE OF HOLE To test centre of Cu & Mo Soil Anomaly Rings.

HOLE NO.	<u>CD-17</u>
CLAIM NAME	<u>G. S. 16 FR</u>
COMMENCED	<u>Sept 30/73</u>
FINISHED	<u>Oct 6/73 p.m.</u>
PROJECT NO.	<u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu%	Mo%				
0	58	Nil	Overburden										
58	98	~100%	Hornblende granodiorite (to quartz monzonite?) - medium grained equigranular; about 15% hornblende, partly altered to chlorite or epidote - feldspars cloudy, K-feldspar with slight pink cast. Generally contains ~5% pyrite, fine to medium grained and anhedral as disseminations in and near mafics and on fracture surfaces, most pyritized fractures make an angle of ~45° with core axis and some have bleached margin - rare quartz veins - chalcopyrite occurs very rarely as trace disseminations.	60	70	10	24576	0.10	0.004				
				80	90	10	24577	0.08	0.002				
				100	110	10	24578	0.07	0.001				
98	112	90%	Felsite grading into feldspar porphyry - light grey green - fine grained, few % euhedral pyrite - trace chalcopyrite.	120	130	10	24579	0.10	0.004				
				140	150	10	24580	0.05	0.001				
112	131	~100%	Granodiorite as above.	160	170	10	24581	0.03	0.009				
131	156	90%	Felsite and feldspar porphyry. 140-166 - Core broken, some loss locally.	180	190	10	24582	0.06	0.025				
				200	210	10	24583	0.05	0.066				
156	296		Granodiorite as above - tends to be more altered near porphyry dyke - becomes moderately to strongly kaolinized near 198' - becomes quite strongly kaolinized below 215'. Quartz pyrite MoS ₂ vein at 216'. The more strongly altered granodiorite tends to have less pyrite - 1-2%.	220	230	10	24584	0.10	0.005				
				240	250	10	24585	0.10	0.006				
				260	270	10	24586	0.07	0.011				
				280	290	10	24587	0.06	0.008				

Diamond Drill Record

COLLAR:	HOLE SURVEY		
NORTH _____	FOOTAGE	AZIMUTH	DIP
EAST _____			
ELEVATION _____			
LOGGED BY _____			
DATE LOGGED _____			
MAP REFERENCE NO _____	METHOD _____		

COMPANY NAME Area Exploration Company

PROPERTY NAME Mount Nansen

DRILLING CONTRACTOR _____

ASSAYER _____

PURPOSE OF HOLE _____

HOLE NO. <u>CD-16</u>
CLAIM NAME <u>BIT 6</u>
COMMENCED _____
FINISHED _____
PROJECT NO. <u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS							
				FROM	TO	WIDTH	NO.	Cu%	Mo%	Au	Ag	Pb%	Zn%		
438	441	Nil													
441	448	50%													
448	449	Nil													
449	451	50%													
451	452.6	Nil													
452.6	454.6	70%													
454.6	455		Silicified porphyry, as 33-47.												
455	458		Oxide-stained clay												
458	466		Intensely altered, then silicified porphyry(?), as 288-292. Grey silica veins in a cream matrix.	460	470	10	9948	0.01	0.005						
466	468.6		Silicified porphyry, as 33-47												
468.6	476		Intensely altered and silicified, as 458-466.	470	480	10	9949	0.01	0.004						
			469.6-472 - sand, 1/4" galena-sphalerite-pyrite veins at 475.6, 476.												
476	477.6		Oxide-stained, argillized porphyry.												
477.6	507		Silicified porphyry, as 33-47. Trace chalcopyrite in quartz-pyrite vein at 486, 1/10" quartz-pyrite-sphalerite vein at 490.3.	480	490	10	9950	0.01	0.003						
				500	510	10	24551	0.02	0.004	Tr	0.09	L0.05	L0.08		
507	514		Intensely altered, and silica veined as 458-466.												
514	600		Silicified porphyry, as 33-47. Trace chalcopyrite in quartz-pyrite veins at 516.6, 520.6, 531, 537 (with trace galena), 544, 550, 552.3 (with trace sphalerite), 554, 556.6, 557.6, 558, 572.6,	520	530	10	24552	0.01	0.004	Tr	0.05	L0.05	L0.05		
				540	550	10	24553	0.01	0.004	Tr	0.05	L0.05	L0.05		
				560	570	10	24554	0.01	0.004	Tr	0.03	L0.05	L0.05		

Diamond Drill Record

COLLAR:		HOLE SURVEY		
NORTH	<u>206N</u>	FOOTAGE	AZIMUTH	DIP
EAST	<u>165W</u>	<u>0</u>		<u>-90</u>
ELEVATION	<u>4360'</u>	<u>to</u>		
LOGGED BY	<u>P. F. Lewis</u>	<u>693</u>		
DATE LOGGED	<u>Sept/73</u>			
MAP REFERENCE NO	<u>115-1-3</u>	METHOD		

COMPANY NAME Area Exploration Company
 PROPERTY NAME Mount Nansen
 DRILLING CONTRACTOR E. Caron Diamond Drilling Ltd.
 ASSAYER Bondar-Clegg & Co. Ltd.
 PURPOSE OF HOLE To test surface molybdenum mineralization exposed in trench.

HOLE NO.	<u>CD-15</u>
CLAIM NAME	<u>Dome 48</u>
COMMENCED	<u>Sept 16, 1973</u>
FINISHED	<u>Sept 20, 1973</u>
PROJECT NO.	<u>461</u>

FROM	TO	RECOVERY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu%	Mo%				
		<u>90-100%</u>	<u>unless otherwise indicated</u>										
<u>0</u>	<u>32</u>		<u>NW casing</u>										
<u>0</u>	<u>40</u>		<u>BW casing</u>										
<u>0</u>	<u>35</u>		<u>Overburden</u>										
<u>35</u>	<u>55</u>		<u>Quartz-feldspar porphyry. Cream clay psuedomorphs (1/10")</u>	<u>35</u>	<u>40</u>	<u>5</u>	<u>9851</u>	<u>0.01</u>	<u>0.002</u>				
			<u>after feldspar in a light grey silicified groundmass. Rare</u>	<u>40</u>	<u>50</u>	<u>10</u>	<u>9852</u>	<u>0.02</u>	<u>0.002</u>				
			<u>rounded quartz eyes and cream clay zenoliths (1/2").</u>	<u>50</u>	<u>60</u>	<u>10</u>	<u>9853</u>	<u>0.04</u>	<u>0.011</u>				
			<u>Clay alteration along fractures, no vugs or oxide.</u>										
			<u>35-49 - no sulphides, minor sericite</u>										
			<u>49-55 - fine disseminated sulphides and abundant sericite.</u>										
			<u>Zoned psuedomorphs indicate original feldspar was plagio-</u>										
			<u>clase in part at least. Relatively phenocryst poor - may be</u>										
			<u>a chilled margin.</u>										
<u>55</u>	<u>186</u>		<u>Granitic intrusive. Medium-coarse grained, approx. 30% quartz</u>	<u>60</u>	<u>70</u>	<u>10</u>	<u>9854</u>	<u>0.07</u>	<u>0.013</u>				
			<u>in a kaolinitic matrix after feldspar. Minor coarse sericite.</u>	<u>70</u>	<u>80</u>	<u>10</u>	<u>9855</u>	<u>0.10</u>	<u>0.019</u>				
			<u>Silicification and silica veining with associated molybdenite</u>	<u>80</u>	<u>90</u>	<u>10</u>	<u>9856</u>	<u>0.11</u>	<u>0.016</u>				
			<u>mineralization. Approx. 2% pyrite, some with black</u>	<u>90</u>	<u>100</u>	<u>10</u>	<u>9857</u>	<u>0.14</u>	<u>0.007</u>				
			<u>(manganiferous?) coating. Trace chalcopyrite. Molybdenite</u>	<u>100</u>	<u>110</u>	<u>10</u>	<u>9858</u>	<u>0.14</u>	<u>0.020</u>				
			<u>occurs as a fine dusting in silica blebs or as a coarser core</u>	<u>110</u>	<u>120</u>	<u>10</u>	<u>9859</u>	<u>0.07</u>	<u>0.021</u>				
			<u>in silica veins, e.g., at 75.6, 78-80, 113, 114-115 (veins),</u>	<u>120</u>	<u>130</u>	<u>10</u>	<u>9860</u>	<u>0.05</u>	<u>0.064</u>				
			<u>115-119 (disseminated blebs), 119-130 (abundant veins</u>	<u>130</u>	<u>140</u>	<u>10</u>	<u>9861</u>	<u>0.14</u>	<u>0.025</u>				

Diamond Drill Record

COLLAR:	HOLE SURVEY		
NORTH _____	FOOTAGE	AZIMUTH	DIP
EAST _____			
ELEVATION _____			
LOGGED BY _____			
DATE LOGGED _____			
MAP REFERENCE NO _____	METHOD _____		

COMPANY NAME Area Exploration Company
 PROPERTY NAME Mount Nansen
 DRILLING CONTRACTOR _____
 ASSAYER _____
 PURPOSE OF HOLE _____

HOLE NO. <u>CD-15</u>
CLAIM NAME <u>Dome 48</u>
COMMENCED _____
FINISHED _____
PROJECT NO. <u>461</u>

FROM	TO	RECOVERY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO	Cu%	Mo%				
			especially 125-126), 136.6, 139, 144, 149.3, 150.6, 151.6,	140	150	10	9862	0.08	0.024				
			153.6, 170-176 (associated with silica fragments or zeno-	150	160	10	9863	0.09	0.012				
			liths), 185.	160	170	10	9864	0.09	0.017				
			Strongly argillized, consisting of quartz in soft clay, from 58-61,	170	180	10	9865	0.17	0.050				
			101-105 (shear zone), 116-119, 150-151.6, 152-185	180	190	10	9866	0.05	0.038				
			(especially 180.6-188, with 183-184 sand).	190	200	10	9867	0.06	0.002				
			Strongly silicified, after argillic alteration, from 72-80, 119-130	200	210	10	9868	0.08	0.016				
			(especially 125-126), 135-137, 180-180.6.	210	220	10	9869	0.12	0.013				
			147-149 - Medium grey quartz-feldspar porphyry, rare quartz	220	230	10	9870	0.14	0.014				
			eyes and relatively phenocryst poor.	230	240	10	9871	0.12	0.016				
186	466.6		Quartz-feldspar porphyry. As 35-55 with abundant grey silica	240	250	10	9872	0.10	0.002				
			veining, blebs and fragments. Pervasively silicified from	250	260	10	9873	0.15	0.003				
			207-208, 209.6-211, 218-222, 230-232, 234.6-240, 376-382,	260	270	10	9874	0.10	0.002				
			399-401.	270	280	10	9875	0.04	0.001				
			Molybdenite occurs as above, e.g., at 209, 209.6, 210, and	280	290	10	9876	0.06	0.001				
			throughout the intersection as a trace dissemination.	290	300	10	9877	0.14	0.001				
			Chalcopyrite occurs throughout as a trace dissemination and on	300	310	10	9878	0.08	0.001				
			late fracture surfaces, e.g., at 321, 387-387.6, 416-418.	310	320	10	9879	0.06	0.002				
			Strong argillic alteration from 232-234.6, 428-429, 431-466.6.	320	330	10	9880	0.09	0.002				
			Complete argillic alteration to a white clay with relic quartz	330	340	10	9881	0.05	0.002				
			eyes, with subsequent mild silicification and mineralization,	340	350	10	9882	0.05	0.001				

PROJECT NAME:
MOUNT NANSEN

D. D. H. CD-15

Date: September 1973
Month Year

Page 1 of 2

ASSAY TAG #	D. D. H.	FOOTAGE	Cu	Mo	Au					P. O.
9851	CD-15	35- 40	0.01	0.002						
9852		40- 50	0.02	0.002						
9853		50- 60	0.04	0.011						
9854		60- 70	0.07	0.013						
9855		70- 80	0.10	0.019						
9856		80- 90	0.11	0.016						
9857		90-100	0.14	0.007						
9858		100-110	0.14	0.020						
9859		110-120	0.07	0.021						
9860		120-130	0.05	0.064						
9861		130-140	0.14	0.025						
9862		140-150	0.08	0.024						
9863		150-160	0.09	0.012						
9864		160-170	0.09	0.017						
9865		170-180	0.17	0.050						
9866		180-190	0.05	0.038						
9867		190-200	0.06	0.002						
9868		200-210	0.08	0.016						
9869		210-220	0.12	0.013						
9870		220-230	0.14	0.014						
9871		230-240	0.12	0.016						
9872		240-250	0.10	0.002						
9873		250-260	0.15	0.003						
9874		260-270	0.10	0.002						
9875		270-280	0.04	0.001						
9876		280-290	0.06	0.001						
9877		290-300	0.14	0.001						
9878		300-310	0.08	0.001						
9879		310-320	0.06	0.002						
9880		320-330	0.09	0.002						
9881		330-340	0.05	0.002						
9882		340-350	0.05	0.001						
9883		350-360	0.04	0.002						
9884		360-370	0.12	0.005						
9885		370-380	0.12	0.002						
9886		380-390	0.08	0.003						
9887		390-400	0.10	0.003						

091327

SSAY AG #	D.D.H.	FOOTAGE	Cu	Mo	Au					P.O.
9888	CD-15	400-410	0.07	0.001						
9889		410-420	0.07	0.002						
9890		420-430	0.05	0.002						
9891		430-440	0.01	0.002						
9892		440-450	0.02	0.002						
9893		450-460	0.08	0.001						
9894		460-470	0.06	0.006						
9895		470-480	0.03	0.026						
9896		480-490	0.08	0.023						
9897		490-500	0.06	0.046						
9898		500-510	0.06	0.017						
9899		510-520	0.10	0.050						
9900		520-530	0.11	0.015						
9901		530-540	0.03	0.003						
9902		540-550	0.01	0.002						
9903		550-560	0.04	0.001						
9904		560-570	0.06	0.001						
9905		570-580	0.03	0.002						
9906		580-590	0.04	0.001						
9907		590-600	0.03	0.034						
9908		600-610	0.03	0.033						
9909		610-620	0.02	0.047						
9910		620-630	0.01	0.024						
9911		630-640	0.01	0.019						
9912		640-650	0.01	0.014						
9913		650-660	0.02	0.023						
9914		660-670	0.02	0.014						
9915		670-680	0.01	0.026						
9916		680-693	0.02	0.016						

C.M.R. - BETTY 31 - 92516

Q 61027 - Q 61105
46570 - 46730

COLLAR:		HOLE SURVEY		
NORTH	304+30N	FOOTAGE	AZIMUTH	DIP
EAST	227W	Vertical		
ELEVATION	3,800'	500		
LOGGED BY	R. Dickinson			
DATE LOGGED	6/23/72			
MAP REFERENCE NO.	115-I-3	METHOD: BQ Wireline		

Diamond Drill Record

PAGE 1 OF 3

091327

HOLE NO.	CD-3 (461-72-1)
CLAIM NAME	BETTY 31
COMMENCED	June 13, 1972
FINISHED	June 18, 1972
PROJECT NO.	461

COMPANY NAME AREA EXPLORATION COMPANY
 PROPERTY NAME MOUNT NANSEN
 DRILLING CONTRACTOR Caron Diamond Drilling
 ASSAYER Bondar-Clegg & Co. Ltd.
 PURPOSE OF HOLE Metal Factor Anomaly, Structural Intersection, Aeromag Low

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS		
				FROM	TO	WIDTH	NO.	Cu	Mo	Au
0	86	-	Quartz-feldspar porphyry rhyodacite boulders, limonite stained, minor pyrite. NW casing from 0-50' BW casing from 0-90'	086	090	4	4201	0.07	L.003	
86	94	90	Leached, goethite stained, med. grained, hornblende granodiorite, sulphide fracture fillings leached while 2% disseminated pyrite remains. Feldspars altered to soft white clay (Kaolin), probably supergene alteration. Minor chalcocite rims @ pyrite @ 90-91.	90	100	10	4202	0.05	L.003	L.005
94	143	98	Fresh med. grained mesocratic hornblende granodiorite - adamellite (quartz rich) 1-2% disseminated pyrite and as boxwork fracture fillings (2 mm). Fractures not intense, 11 to & @ 45° to core axis common. Competent core 2' sections, minor epidote & chlorite. Minor grey black sooty chalcocite rims on pyrite (109-111) & (105)	100	110	10	4203	0.06	L.003	
				110	120	10	4204	0.03	L.003	
				120	130	10	4205	0.03	L.003	L.005
				130	140	10	4206	0.02	L.003	
143	155	96	Broken & fractured core, hornblende-granodiorite (quartz rich with mild clay alteration along fractures. Lengths commonly <1". Goethite films along fractures.	140	150	10	4207	0.02	L.003	
				150	160	10	4208	0.04	L.003	L.005
155	178	96	Highly clay altered granodiorite, no mafics left. Greenish yellow tinge of clay altered feldspars suggest montmorillonite. Core is soft and crumbly but good recovery. 3% disseminated cubic pyrite crystals.	160	170	10	4209	0.05	L.003	
				170	180	10	4210	0.03	L.003	

Diamond Drill Record

COLLAR: NORTH _____ EAST _____ ELEVATION _____ LOGGED BY _____ DATE LOGGED _____ MAP REFERENCE NO. _____		HOLE SURVEY		
		FOOTAGE	AZIMUTH	DIP
		METHOD: _____		

COMPANY NAME AREA EXPLORATION COMPANY
 PROPERTY NAME MOUNT NANSEN
 DRILLING CONTRACTOR _____
 ASSAYER _____
 PURPOSE OF HOLE _____

HOLE NO. <u>CD-3 (461-72-1)</u>
CLAIM NAME _____
COMMENCED _____
FINISHED _____
PROJECT NO. <u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu	Mo	Au			
178	203	97	Mildly clay (kaolin) altered hornblende granodiorite.	180	190	10	4211	0.03	L.003	L.005			
			Core extremely broken <1" sections often sludge-like	190	200	10	4212	0.05	0.004				
			(184-185). 1-2% disseminated cubic pyrite crystals										
			@ 191-98 1" quartz-pyrite-MoS ₂ veinlet cuts core axis										
			@ 70°.										
203	229	96	Intensely clay altered, med. grained hornblende grano-	200	210	10	4213	0.02	L.003				
			diorite, no mafics left, sludge only from 216-219. Sludge	210	220	10	4214	0.03	L.003	L.005			
			is limonite stained. A thin layer of grayish black clay	220	230	10	4215	0.04	L.003				
			on fractures 45° & ll to core axis suggests shearing										
			movement. 1-2% disseminated cubic pyrite crystals.										
229	293	99	Good competent core, 2' lengths of essentially unaltered	230	240	10	4216	0.03	L.003				
			hornblende granodiorite, minor inch sections of clay	240	250	10	4217	0.08	L.003	L.005			
			alteration along fractures. Granodiorite is quartz rich	250	260	10	4218	0.03	L.003				
			(15%) with minor epidote & chlorite. 2-3% pyrite occurs	260	270	10	4219	0.02	L.003				
			as disseminations and minor (3 mm) fracture fillings.	270	280	10	4220	0.02	L.003	L.005			
				280	290	10	4221	0.04	L.003				
293	323	99	Intensely kaolinized granodiorite - no mafics, 3%	290	300	10	4222	0.02	L.003				
			disseminated pyrite and quartz pyrite, pinkish feldspar:	300	310	10	4223	0.03	L.003	L.005			
			1" veinlets @ 307	310	320	10	4224	0.01	L.003				

Diamond Drill Record

COLLAR:		HOLE SURVEY		
NORTH	199+50N	FOOTAGE	AZIMUTH	DIP
EAST	200W	612'		
ELEVATION	4,400	Vertical		
LOGGED BY	R.A. Dickinson			
DATE LOGGED	9/7/72			
MAP REFERENCE NO.	115-I/3	METHOD:		

COMPANY NAME Area Exploration Company
 PROPERTY NAME Mount Nansen
 DRILLING CONTRACTOR E. Caron Diamond Drilling
 ASSAYER Bondar-Clegg & Co. Ltd.
 PURPOSE OF HOLE Test tourmalinized breccia pipe,
Rim of anomalous metal factor

HOLE NO.	CD-6
CLAIM NAME	GS 7FR
COMMENCED	July 3/72
FINISHED	July 6/72
PROJECT NO.	461

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS							
				FROM	TO	WIDTH	NO.	Cu	Mo	Au					
0	20	NIL	Overburden - broken tourmaline breccia fragments												
			NW casing from 0 - 20												
			BW casing from 0 - 40												
20	58	90%	Strongly oxidized quartz-tourmaline breccia. Sub-	20	30	10	228	L.01	L.003	0.005					
			angular fragments (1" - rock flour) of rhyodacite	30	40	10	229	L.01	L.003	0.01					
			porphyry. Feldspars & matrix of porphyry altered to a	40	50	10	230	0.01	L.003	0.005					
			kaolin sericite assemblage. Matrix of breccia is mainly												
			quartz, & rock flour, with minor black tourmaline.												
			Matrix has small vesicles (10-15%) that may have contained												
			sulphides. Most have jarosite stained walls, but some												
			are void. Rock is stained with coatings of reddish												
			orange goethite and yellowish orange jarosite. Minor												
			turquoise staining of feldspars & vugs that has a												
			sulphate taste suggesting brocanthite. Core broken												
			2-5" fragments.												
58	59	99%	Strongly tourmalinized section of breccia. Tourmaline												
			is black & dense.												
59	103	90%	Strongly leached & oxidized quartz-tourmaline breccia.	50	60	10	231	0.01	L.003	TR					
			Matrix is quartz, tourmaline and rock flour. Sub-	60	70	10	232	0.01	L.003	0.05					
			angular fragments are creamy white, sericitized	70	80	10	233	0.01	L.003	0.02					
			rhyodacite porphyry. Some minor pyrite but most	80	90	10	234	0.01	L.003	TR					

Diamond Drill Record

COLLAR:	HOLE SURVEY		
NORTH _____	FOOTAGE	AZIMUTH	DIP
EAST _____			
ELEVATION _____			
LOGGED BY _____			
DATE LOGGED _____			
MAP REFERENCE NO. _____	METHOD: _____		

COMPANY NAME Area Exploration Company
 PROPERTY NAME Mount Nansen
 DRILLING CONTRACTOR _____
 ASSAYER _____
 PURPOSE OF HOLE _____

HOLE NO. <u>CD-6</u>
CLAIM NAME <u>GS 7FR</u>
COMMENCED _____
FINISHED _____
PROJECT NO. <u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu	Mo	Au			
			sulphides have been leached leaving boxworks of goethite and minor jarosite. Core is broken into 3" sections.	90	100	10	235	L.01	L.003	0.005			
103	129	95%	Quartz-tourmaline breccia, strongly stained with orangy yellow jarosite and only minor goethite.	100	110	10	236	L.01	L.003	0.005			
			Alteration assemblage is quartz, sericite, pyrite and kaolin. 1% finely disseminated pyrite remains, but most has been leached.	110	120	10	237	L.01	L.003	0.005			
			Alteration assemblage is quartz, sericite, pyrite and kaolin. 1% finely disseminated pyrite remains, but most has been leached.	120	130	10	238	L.01	L.003	0.005			
129	167	90%	Quartz-tourmaline breccia. Matrix is predominately rock flour. Section is jarosite & goethite stained.	130	140	10	239	L.01	L.003	0.005			
			Only minor pyrite remains unoxidized. Fragments are rhyo-	140	150	10	240	0.01	L.003	0.01			
			dacite porphyry. @ 156' 3" pyrite-quartz veinlet cuts core axis @ 80°. @ 167' broken contact with clay and sericite altered granodiorite.	150	160	10	241	0.02	L.003	0.02			
			sericite altered granodiorite.	160	170	10	242	0.02	L.003	0.02			
167	183	98%	Orangy-yellow jarosite stained, clay & sericite altered granodiorite. Strong sericitization along fractures and feldspars replaced by clay & sericite, mafic replaced pseudomorphically by clay. <1% finely disseminated pyrite with some traces of chalcocite rimming. Chalcocite coats a pyrite veinlet @ 180'.	170	180	10	243	0.01	L.003	0.005			
			Strongly kaolinized granodiorite. Mafics remain as booklets replaced by clay. Minor disseminated pyrite	180	190	10	244	0.01	L.003	0.005			
183	201	98%	Strongly kaolinized granodiorite. Mafics remain as booklets replaced by clay. Minor disseminated pyrite	190	200	10	245	0.01	L.003	0.005			

Diamond Drill Record

COLLAR:	HOLE SURVEY		
NORTH _____	FOOTAGE	AZIMUTH	DIP
EAST _____			
ELEVATION _____			
LOGGED BY _____			
DATE LOGGED _____			
MAP REFERENCE NO. _____	METHOD: _____		

COMPANY NAME Area Exploration Company
 PROPERTY NAME Mount Nansen
 DRILLING CONTRACTOR _____
 ASSAYER _____
 PURPOSE OF HOLE _____

HOLE NO. <u>CD-6</u>
CLAIM NAME <u>GS 7ER</u>
COMMENCED _____
FINISHED _____
PROJECT NO. <u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS		
				FROM	TO	WIDTH	NO.	Cu	Mo	Au
			& chalcocite rims pyrite veinlets ¼" @ 194' & 197'. Granodiorite is bleached creamy white grey. Still evidence of minor oxidation within core.	200	210	10	246	0.01	L.003	
201	257	99%	Moderately to mildly kaolinized granodiorite, pervasive chloritization? gives malachite tinge to feldspars, Granodiorite is quartz rich (15%). Med.-coarse grained and mesocratic. Good competent 2-3' sections of core. Minor pyrite.	210	220	10	247	0.01	L.003	
				220	230	10	248	0.01	L.003	L.005
				230	240	10	249	0.01	L.003	
				240	250	10	250	L.01	L.003	
				250	260	10	251	0.01	L.003	L.005
257	292	95%	Kaolinized granodiorite, both feldspars & mafics have gone to clay, has a greenish grey colour. @ 275-278' clayey shear zone. Disseminated pyrite (1%) has minor coatings of chalcocite, thick coating @ 267' on 1/2 inch veinlet. Trace of chalcopyrite.	260	270	10	252	0.02	L.003	
				270	280	10	253	0.01	L.003	
				280	290	10	254	0.01	L.003	L.005
292	311		Strongly argillized rhyodacite porphyry (dyke). Both contacts broken. Finely disseminated pyrite (2%) is evenly distributed throughout rock and along minor fractures. Minor chalcocite skins on pyrite becoming thicker @ 298-300'. Porphyry is whitish grey with anhedral plagioclase phenocrysts and dense feldspathic matrix.	290	300	10	255	0.01	L.003	
				300	310	10	256	0.01	L.003	
				310	320	10	257	0.01	L.003	L.005
311	374.5	98%	Moderately argillized, hornblende granodiorite. Minor disseminated pyrite as fracture fillings and	320	330	10	258	L.01	L.003	
				330	340	10	259	L.01	L.003	

Diamond Drill Record

COLLAR:		HOLE SURVEY		
NORTH _____		FOOTAGE	AZIMUTH	DIP
EAST _____				
ELEVATION _____				
LOGGED BY _____				
DATE LOGGED _____				
MAP REFERENCE NO. _____		METHOD: _____		

COMPANY NAME Area Exploration Company
 PROPERTY NAME Mount Nansen
 DRILLING CONTRACTOR _____
 ASSAYER _____
 PURPOSE OF HOLE _____

HOLE NO. _____	<u>CD-6</u>
CLAIM NAME _____	<u>GS 7FR</u>
COMMENCED _____	
FINISHED _____	
PROJECT NO. _____	<u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu	Mo	Au			
			disseminations, black-grey clay, pyrite rich shear zones @ 319 and 356'.	340	350	10	260	0.02	L.003	L.005			
374.5	380	99%	Rhyodacite porphyry, only minor feldspar (white) phenocrysts. Rock is creamy grey with evenly distributed pyrite (2%) occurring as disseminations. Sharp contacts.	360	370	10	262	0.02	L.003				
			Mildly argillized granodiorite, small clots of epidote and chlorite. <1% disseminated pyrite. Fracture 1 per 6" occur at all angles to core axis.	370	380	10	263	0.02	L.003				
				380	390	10	264	0.01	L.003	L.005			
				390	400	10	265	0.01	L.003				
380	441	98%	Mildly argillized cream grey rhyodacite porphyry. 2% pyrite as dissemination. Only minor plagioclase phenocrysts. Aplitic texture.	400	410	10	266	0.01	L.003				
				410	420	10	267	0.01	L.003	L.005			
				420	430	10	268	0.01	L.003				
441	456	96%	Moderately-strongly argillized rhyodacite porphyry. 2% disseminated pyrite, trace chalcopyrite. Sharp contacts. @ 467-468' greyish black clayey shear zone.	430	440	10	269	0.01	L.003				
				440	450	10	270	0.06	L.003	0.005			
				450	460	10	271	0.04	L.003				
456	475.5	95%	Mildly clay (kaolin) altered granodiorite, granodiorite is med. - coarse grained, mesocratic, quartz and hornblende rich. Pyrite <1% with trace chalcopyrite.	460	470	10	272	0.03	L.003	L.005			
				470	480	10	273	L.01	L.003				
475.5	494	99%	Dense rhyodacite porphyry. Sharp contacts with granodiorite. Porphyry contains 2-3 mm subhedral plagioclase phenocrysts, lacks mafics and is creamy grey.	480	490	10	274	0.01	L.003				
				490	500	10	275	0.02	L.003	0.005			
494	516			500	510	10	276	0.01	L.003				
				510	520	10	277	0.02	L.003				

Diamond Drill Record

COLLAR:		HOLE SURVEY		
NORTH	180 North	FOOTAGE	AZIMUTH	DIP
EAST	190 West	850	Vertical	
ELEVATION	4500			
LOGGED BY	R. Dickinson			
DATE LOGGED	18/7/72			
MAP REFERENCE NO.	115-I-3	METHOD:		

COMPANY NAME Area Exploration Company
 PROPERTY NAME Mount Nansen
 DRILLING CONTRACTOR E. Caron Diamond Drilling Ltd.
 ASSAYER Bondar-Clegg & Company
 PURPOSE OF HOLE Strongest metal factor anomaly on wide separation, K40 anomaly

HOLE NO.	<u>CD-8</u>
CLAIM NAME	<u>Dome 43</u>
COMMENCED	<u>July 11/72</u>
FINISHED	<u>July 16/72</u>
PROJECT NO.	<u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS							
				FROM	TO	WIDTH	NO.	Cu	Mo	Au					
0	10	0	Overburden. (BW casing 0 → 30'.)												
10	33	85	Limonite stained, leached, supergene altered biotite-plagioclase dacite porphyry. Limonite (mainly jarosite with minor goethite) is pervasive, staining rock orange brown. Biotite and plagioclase phenocrysts clay altered in microcrystalline grey felsite matrix.	10	20	10	330	0.02	L.003	L0.005					
			At 31-33 limonite stained sandy zone. Broken core, 1-3" sections, crumbly and soft.	20	30	10	331	0.02	L.003						
				30	40	10	332	0.02	L.003						
33	62	85	Broken, crumbly core as above. Goethite > jarosite forms thick films on fractures. First visual pyrite at 44' (minor). Biotite phenocrysts are 1-2 mm and euhedral. Plagioclase is soft and replaced by kaolin.	40	50	10	333	0.02	L.003	L0.005					
				50	60	10	334	0.02	L.003						
62	64	90	Pebble size fragments of biotite dacite porphyry → sand, jarosite stained, and no pyrite.	60	70	10	335	0.03	L.003						
64	76	95	Short sections of oxidized, goethite stained, dacite porphyry. Slightly clay altered.	70	80	10	336	0.02	L.003	L0.005					
				80	90	10	337	0.02	L.003						
76	127	95	Biotite dacite porphyry with phenocrysts of euhedral biotite (1-2 mm) and subhedral plagioclase (2-3 mm) in microcrystalline quartz-rich grey matrix. Decreasing amount of limonite staining and some pyrite remains unleached.	90	100	10	338	0.03	L.003						
				100	110	10	339	0.02	L.003	L0.005					
				110	120	10	340	0.02	L.003						
				120	130	10	341	0.04	L.003						
127	142	80	Broken core, sand and pebble size fragments. Soft and clay altered, jarosite stained biotite-dacite porphyry.	130	140	10	342	0.05	L.003	L0.005					

Diamond Drill Record

COLLAR:		HOLE SURVEY		
		FOOTAGE	AZIMUTH	DIP
NORTH _____				
EAST _____				
ELEVATION _____				
LOGGED BY _____				
DATE LOGGED _____				
MAP REFERENCE NO. _____		METHOD: _____		

COMPANY NAME _____
 PROPERTY NAME _____
 DRILLING CONTRACTOR _____
 ASSAYER _____
 PURPOSE OF HOLE _____

HOLE NO. <u>CD-8</u>
CLAIM NAME _____
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu	Mo	Au			
219	234.5	98	Dark, black aphanitic, microcrystalline lamprophyre dyke rock of basaltic composition. <1% pyrite as disseminations. Sharp contacts.	220	230	10	351	0.01	L.003	L0.005			
234.5	240	98	Good recovery, 2' sections of slightly clay altered granodiorite. Clay alteration gives section overall light greyish look. <.5 pyrite occurs as disseminations. Mafics are moderately chloritized and epidote occurs as minor blebs.	230	240	10	352	0.02	L.003				
240	279.5	98	Dense, black lamprophyre dyke rock of basaltic composition. Minor goethite occurs along one fracture at 270'. Minor pyrite. Some minor carbonate (calcite?) and pyrite along fractures.	240	250	10	353	0.03	L.003				
				250	260	10	354	0.04	L.003	L0.005			
				260	270	10	355	0.05	L.003				
279.5	281.5	85	Shear zone along contact. Filled with massive pyrite and carbonate, minor quartz and clay. Approximately 30° to core axis.	270	280	10	356	0.04	L.003				
				280	290	10	357	0.05	L.003	L0.005			
281.5	380	98	Equigranular, mesocratic, hornblende granodiorite with minor biotite, and good granitic texture. Section is light grey due to fringing on feldspars of clay alteration. Minor epidote as blebs and mafics have been moderately replaced by chlorite. At 335, 3" quartz-pyrite veinlet at 20° to core axis. Minor chalcopyrite blebs associated with epidote and pyrite at 354.5, 355, 356 and 360. Excellent recovery 3-4' sections of core, due to lack of extensive fracturing.	290	300	10	358	0.02	L.003				
				300	310	10	359	0.03	L.003				
				310	320	10	360	0.06	L.003	L0.005			
				320	330	10	361	0.03	L.003				
				330	340	10	362	0.03	L.003				
				340	350	10	363	0.03	L.003	L0.005			
				350	360	10	364	0.02	L.003				
380	485	99	Slightly darker grey, hornblende granodiorite than above. Minor epidote and chlorite with minor disseminated pyrite. Massive quartz-pyrite veinlets at 471 and at 416 veinlet is parallel to core axis and	360	370	10	365	0.02	L.003				
				370	380	10	366	0.03	L.003	L0.005			
				380	390	10	367	0.02	L.003				

Diamond Drill Record

COLLAR:		HOLE SURVEY		
		FOOTAGE	AZIMUTH	DIP
NORTH _____				
EAST _____				
ELEVATION _____				
LOGGED BY _____				
DATE LOGGED _____				
MAP REFERENCE NO. _____		METHOD: _____		

COMPANY NAME _____

PROPERTY NAME _____

DRILLING CONTRACTOR _____

ASSAYER _____

PURPOSE OF HOLE _____

HOLE NO. <u>CD-8</u>
CLAIM NAME _____
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu	Mo	Au			
			contains minor chalcopyrite.	390	400	10	368	0.02	L.003				
485	496	95	Slightly sheared section of hornblende granodiorite. Moderately	400	410	10	369	0.02	L.003				
			kaolin altered feldspars, while chlorite and epidote replaces mafics.	410	420	10	370	0.09	L.003	0.005			
			<.5% pyrite. Core has greenish tinge due to pervasive chlorite? staining.	420	430	10	371	0.01	L.003				
496	529.5	98	Long 4' sections of slightly propylitized granodiorite. Rock contains	430	440	10	372	0.02	L.003				
			20% hornblende and minor biotite with <.5% pyrite.	440	450	10	373	0.01	L.003	L0.005			
529.5	563.5		Creamy white, aphanitic aplite with minor large quartz phenocrysts	450	460	10	374	0.02	L.003	L0.005			
			up to 5 mm. Aplitite is cut by grey quartz veinlets at all angles. Veinlets	460	470	10	375	0.02	L.003				
			are commonly 1/16" and contain minor pyrite. Strong pyrite veinlets ≈ 1/2"	470	480	10	4351	0.03	L.003				
			10° to core axis at 558. <.5% finely disseminated pyrite throughout	480	490	10	4352	0.01	L.003	L0.005			
			rock. Sharp contact with granodiorite. Good recovery, 1' sections.	490	500	10	4353	0.01	L.003				
563.5	611	98	Sheared pyrite veinlet with slickensides at contact (563.5) with	500	510	10	4354	0.01	L.003				
			rhyodacite porphyry. Rhyodacite is composed of minor anhedral	510	520	10	4355	0.02	L.003	L0.005			
			resorbed plagioclase, a greyish, quartz rich, microcrystalline matrix	520	530	10	4356	0.02	L.003				
			and <2% chloritized mafic clots. Porphyritic texture is not well	530	540	10	4357	0.01	L.003				
			developed. Pyrite occurs as small clots and makes up <1% of rock.	540	550	10	4358	0.01	L.003	L0.005			
			Minor chalcopyrite occurs at 578' along fracture. At contact with	550	560	10	4359	0.01	L.003				
			below, rhyodacite has 1/4", dense, chilled margin.	560	570	10	4360	0.06	L.003				
611	756.5	98	Hornblende granodiorite, mesocratic, greyish, medium coarse grained.	570	580	10	4361	0.02	L.003	L0.005			
			Minor epidote as clots and chlorite replaces most hornblende.	580	590	10	4362	0.03	L.003				
			≈ 1% disseminated pyrite. Minor chalcopyrite at 646, 647 and 657	590	600	10	4363	0.01	L.003				

Diamond Drill Record

COLLAR: NORTH _____ EAST _____ ELEVATION _____ LOGGED BY _____ DATE LOGGED _____ MAP REFERENCE NO. _____	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
	METHOD: _____		

COMPANY NAME _____
 PROPERTY NAME _____
 DRILLING CONTRACTOR _____
 ASSAYER _____
 PURPOSE OF HOLE _____

HOLE NO.	CD-8
CLAIM NAME	_____
COMMENCED	_____
FINISHED	_____
PROJECT NO.	_____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu	Mo	Au			
			and at 656 chalcopyrite and minor MoS ₂ associated with small quartz-pyrite veinlet. Good recovery.	600	610	10	4364	0.01	L.003	L0.005			
			lamprophyre	610	620	10	4365	0.04	L.003				
756.5	757	99	Dense black/dyke rock of basaltic composition. Some minor plagioclase phenocrysts (1-2mm). Minor pyrite.	620	630	10	4366	0.04	L.003				
				630	640	10	4367	0.03	L.003	L0.005			
757	770.5	99	Hornblende granodiorite, minor epidote clots, and chloritized mafics	640	650	10	4368	0.04	L.003				
			1-2% anhedral disseminated pyrite.	650	660	10	4369	0.04	L.003				
770.5	812	99	Creamy white, aphanitic, siliceous aplite, sharp contact with above but grades into greyish rhyodacite porphyry. Only minor phenocrysts of resorbed quartz and plagioclase. Matrix is grey, quartz-rich and microcrystalline. ≈1% disseminated pyrite.	660	670	10	4370	0.03	L.003	L0.005			
				670	680	10	4371	0.02	L.003				
				680	690	10	4372	0.03	L.003				
				690	700	10	4373	0.02	L.003	L0.005			
812	813	80	Shear zone, clay-rich, small 1/4" fragments of granodiorite.	700	710	10	4374	0.02	L.003				
813	829	98	Rhyodacite porphyry with quartz-rich greyish matrix and <1% disseminated pyrite. Dyke has 1/4" chilled margin with below.	710	720	10	4375	0.03	L.003				
				720	730	10	4376	0.02	L.003	L0.005			
829	850	99	Quartz-rich granodiorite - adamellite with <10% mildly chloritized mafics and 1% finely disseminated pyrite. Minor calcite and epidote along fractures.	730	740	10	4377	0.02	L.003				
				740	750	10	4378	0.01	L.003				
				750	760	10	4379	0.01	L.003	L0.005			
				760	770	10	4380	0.02	L.003				
				770	780	10	4381	0.01	L.003				
			END OF HOLE	780	790	10	4382	0.01	L.003	L0.005			
				790	800	10	4383	0.01	L.003				
				800	810	10	4384	0.01	L.003				

Diamond Drill Record

COLLAR:		HOLE SURVEY		
NORTH <u>224N</u>	FOOTAGE	AZIMUTH	DIP	
EAST <u>184W</u>	<u>900</u>	<u>Vertical</u>		
ELEVATION				
LOGGED BY <u>R. A. Dickinson</u>				
DATE LOGGED <u>12/8/72</u>				
MAP REFERENCE NO. <u>115-I-3</u>	METHOD:			

COMPANY NAME Area Exploration Company
 PROPERTY NAME Mount Nansen
 DRILLING CONTRACTOR E. Caron Diamond Drilling
 ASSAYER Bondar-Clegg & Company Ltd.
 PURPOSE OF HOLE Test intensely altered silicified dome
near geochem ring

HOLE NO. <u>CD-9</u>
CLAIM NAME <u>Stone 2</u>
COMMENCED <u>July 17, 1972</u>
FINISHED <u>July 27, 1972</u>
PROJECT NO. <u>461</u>

FROM	TO	RECOVY %	DESCRIPTION	SAMPLE				ASSAYS			
				FROM	TO	WIDTH	NO.	Cu	Mo	Au	
0	10	-	Overburden. NW casing 0-18'. BW casing 0-415'.			BQ					
10	45	60	Extremely broken core, pebble size fragments. Leached, sericite and clay (kaolin) altered rhyodacite porphyry (quartz-feldspar porphyry).	10	20	10	4389	0.02	L.003	L0.005	
			Pervasive goethite staining and along fractures. Vugs left by sulphides make up \approx 2% of rock and are commonly filled with limonite (jarosite).	20	30	10	4390	0.01	L.003		
				30	40	10	4391	0.01	L.003		
				40	50	10	4392	0.01	L.003	L0.005	
				50	60	10	4393	0.01	L.003		
45	62.5	95	Quartz rich rhyodacite porphyry. Pervasively limonite stained. Some traces of pyrite remain unleached, probably trapped in quartz. Quartz-sericite-pyrite alteration assemblage.	60	70	10	4394	0.01	L.003		
				70	80	10	4395	0.02	L.003	L0.005	
				80	90	10	4396	0.05	L.003		
62.5	95	80	Pervasively goethite-jarosite stained crumbly core. Highly altered leached rhyodacite porphyry. No sulphides.	90	100	10	4397	0.03	L.003		
				100	110	10	4398	0.04	.006	L0.005	
95	135	90	Leached and limonite stained porphyry. Sericite makes up \approx 15% of rock. Minor quartz fracture fillings but all sulphides leached.	110	120	10	4399	0.02	.004		
				120	130	10	4400	0.01	.004		
135	138	75	Highly broken, clayey shear zone. Rhyodacite porphyry.	130	140	10	526	0.01	.003	L0.005	
138	202	80	Leached, intensely sericite-clay altered rhyodacite porphyry. Limonite stained, and coatings of goethite-anhydrite along several fractures. Fair recovery, 1' sections.	140	150	10	527	0.01	.003		
				150	160	10	528	0.01	.005		
				160	170	10	529	0.07	L.003	0.005	
202	218	70	Highly broken and sheared rhyodacite porphyry. Pervasively limonite stained. Clay, sericite and pyrite.	170	180	10	530	0.01	.008		
				180	190	10	531	0.05	L.003		
218	248	85	Pervasively stained, leached, highly altered rhyodacite porphyry. Some thick coatings of goethite along fractures. Limonite stained	190	200	10	532	0.04	L.003	L0.005	
				200	210	10	533	0.05	L.003		

Diamond Drill Record

COLLAR: NORTH _____		HOLE SURVEY		
		FOOTAGE	AZIMUTH	DIP
EAST _____				
ELEVATION _____				
LOGGED BY _____				
DATE LOGGED _____				
MAP REFERENCE NO. _____		METHOD: _____		

COMPANY NAME _____
 PROPERTY NAME _____
 DRILLING CONTRACTOR _____
 ASSAYER _____
 PURPOSE OF HOLE _____

HOLE NO. <u>CD-9</u>
CLAIM NAME _____
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS			SLUDGE				
				FROM	TO	WIDTH	NO.	Cu	Mo	Au	No.	Cu	Mo		
			capping ends at 248'.	210	220	10	534	0.07	L.003						
248	285	80	Strongly sericitized and leached greyish-white rhyodacite porphyry.	220	230	10	535	0.05	.027	L.005					
			Sericite replaces all feldspar phenocrysts and matrix. A few 2-4 mm	230	240	10	536	0.05	.022						
			resorbed quartz "eyes." Phenocrysts make up ≈ 50% of rock.	240	250	10	537	0.09	.004	L.005		843	0.03	.00	
			Several fractures have dark black (often sheared) earthy coatings.	250	260	10	538	0.20	L.003	L.005		844	0.12	.00	
			Maybe chalcocite but probably manganese oxide. Most pyrite	260	270	10	539	0.13	L.003	L.005					
			leached but traces of finely disseminated pyrite remain, often	270	280	10	540	0.12	L.003	L.005		845	0.08	L.00	
			coated with chalcocite. Traces of chalcocite rimming pyrite along	280	290	10	541	0.10	L.003	L.005		846	0.07	.00	
			fractures at 256 and 259.	290	300	10	542	0.09	L.003	L.005		847	0.07	.00	
285	332.8	95	Good recovery 6"-2' sections of core, breaking along fractures	300	310	10	543	0.08	L.003	L.005		848	0.08	.00	
			occurring at all angles to core axis. Sericitized-clay altered	310	320	10	544	0.02	L.003	L.005		849	0.05	.00	
			rhyodacite porphyry. 1-2% pyrite, often thinly coated with chalcocite.	320	330	10	545	0.12	L.003	L.005		850	0.09	.00	
			Phenocrysts of feldspar are replaced pseudomorphically by clay-												
			sericite mixture. Phenocrysts often stained orange-brown with												
			limonite. Specks of malachite occur irregularly throughout section.												
			Chalcocite is found replacing 1/16-1/32" pyrite fracture fillings at												
			290, 291, 292.5, 293, 294, 294.3, 294.5, 295, 298, 303.6, 304,												
			307, 308, 314, 314.6, 314.8, 315.8, 316.2, 318-322, 324, 326,												
			328, and 331.8.												
332.8	333.8	98	Excellent recovery. Greenish black lamprophyre dyke (andesitic	330	340	10	546	0.03	.003			851	0.04	.00	
			composition). A few phenocrysts of unaltered plagioclase in	340	350	10	547	0.03	.019			852	0.04	.00	

Diamond Drill Record

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH _____			
EAST _____			
ELEVATION _____			
LOGGED BY _____			
DATE LOGGED _____			
MAP REFERENCE NO. _____	METHOD: _____		

COMPANY NAME _____
 PROPERTY NAME _____
 DRILLING CONTRACTOR _____
 ASSAYER _____
 PURPOSE OF HOLE _____

HOLE NO. <u>CD-9</u>
CLAIM NAME _____
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS			SLUDGE			
				FROM	TO	WIDTH	NO.	Cu	Mo	Au	No.	Cu	Mo	
			microcrystalline matrix. No pyrite.	350	360	10	548	0.04	.0311	0.005		853	0.05	.010
333.8	373	95	Good recovery, soft altered core. White rhyodacite porphyry. Altered feldspar phenocrysts make up 40% of rock, while anhedral quartz "eyes" make up 5%. Some 1/2" altered (k-spar?) feldspar phenocrysts. Quartz-sericite-pyrite alteration assemblage. Finely disseminated pyrite (2%) evenly distributed throughout rock. Minor, coatings of chalcocite rimming pyrite. Minor specks of malachite.	360	370	10	549	0.01	.0261	0.005		854	0.04	.016
373	389	80	Section of brecciated highly altered porphyry. Fractures have been filled with large euhedral pyrite crystals. Pyrite is coated with chalcocite and bornite looking covellite. Pyrite cubes up to 1/4". Pyrite 10-15% (visual).	370	380	10	550	0.17	.0311	0.005		855	0.13	.013
				380	390	10	556	0.25	.0241	0.005		856	0.23	.010
389	395	80	Quartz-sericite-pyrite altered rhyodacite porphyry. Chalcocite rims pyrite fracture fillings 390-392.	390	400	10	557	0.15	.0231	0.005		857	0.13	.006
395	400	0	No core. Sand zone.											
400	415	60	Highly broken, greyish clay rich, sheared section of porphyry. Minor pyrite and traces of chalcocite at 401, 403, 405, 418.	400	410	10	558	0.08	.0051	0.005		858	0.08	.005
				410	420	10	559	0.09	.003			859	0.07	.006
415	439	90	Sericite-quartz-pyrite altered porphyry. White and soft. Finely disseminated pyrite (<1%) with minor chalcocite rims.	420	430	10	560	0.05	.007			860	0.05	.004
				430	440	10	561	0.04	L.003	0.005		861	0.02	L.00
439	457	50	Highly broken section. Sheared blackish-grey clay and porphyry. Sericite-clay-pyrite. Chalcocite along fractures 455-457.	440	450	10	562	0.02	L.003					

Diamond Drill Record

COLLAR:	HOLE SURVEY		
	NORTH _____	FOOTAGE	AZIMUTH
EAST _____			
ELEVATION _____			
LOGGED BY _____			
DATE LOGGED _____			
MAP REFERENCE NO. _____	METHOD: _____		

COMPANY NAME _____

PROPERTY NAME _____

DRILLING CONTRACTOR _____

ASSAYER _____

PURPOSE OF HOLE _____

HOLE NO. <u>CD-9</u>
CLAIM NAME _____
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS				SLUDGE			
				FROM	TO	WIDTH	NO.	Cu	Mo	Au		No.	Cu	Mo	
457	489	60	1-2' runs, highly broken clay rich shear zone. Clay is grey black	450	460	10	563	0.04	.004						
			(MoS ₂ ?). From 482-483 brecciated section filled with massive	460	470	10	564	0.02	.004	L0.005		862	0.03	.004	
			pyrite.	470	480	10	565	0.01	.012			863	0.01	.007	
489	508	85	Sericite altered rhyodacite porphyry. Finely disseminated pyrite	480	490	10	566	0.01	.011			864	0.01	.010	
			1-3%. Sericite replaces phenocrysts and some of matrix. No mafics.	490	500	10	567	0.01	.006	L0.005		865	0.01	.003	
508	509	80	Shear zone. Blackish-grey clay and porphyry fragments. Minor	500	510	10	568	0.01	.012			866	0.01	.003	
			pyrite and chalcocite.	510	520	10	569	0.01	.010						
509	548	75	Intensely altered porphyry. Silicates completely replaced by sericite.	520	530	10	570	0.02	.018	L0.005					
			Finely disseminated pyrite 2%. A few specks of chalcocite.	530	540	10	571	0.01	.026						
548	555	75	Highly broken section, pebble size, clay sericite altered fragments.	540	550	10	572	0.01	.027						
			Minor pyrite.	550	560	10	573	0.02	.036	L0.005					
555	569	90	Quartz-sericite-pyrite altered porphyry. 2-3% disseminated pyrite	560	570	10	574	0.02	.014						
			and trace of chalcopyrite.	570	580	10	575	0.03	.009						
569	585	90	Altered porphyry as above. Traces of chalcopyrite, and chalcocite	580	590	10	826	0.01	.005	L0.005					
			skins on pyrite. 2% pyrite.												
585	588	98	Lamprophyre dike. Dark green-black slightly porphyritic (plagio-												
			clase), dense, fine grain matrix. Traces of biotite and pyrite.	590	600	10	827	0.02	.010						
			Unaltered.	600	610	10	828	0.02	.010						
588	615	90	4"-6" sections of altered porphyry. Intensity of alteration decreasing.	610	620	10	829	0.03	.006	L0.005					
			Mainly clay replacing feldspars. 1-2% finely disseminated anhedral	620	630	10	830	0.04	.004						
			pyrite, trace of chalcopyrite.	630	640	10	831	0.03	.008						

Diamond Drill Record

COLLAR: NORTH _____ EAST _____ ELEVATION _____ LOGGED BY _____ DATE LOGGED _____ MAP REFERENCE NO. _____		HOLE SURVEY		
		FOOTAGE	AZIMUTH	DIP
		METHOD: _____		

COMPANY NAME _____
 PROPERTY NAME _____
 DRILLING CONTRACTOR _____
 ASSAYER _____
 PURPOSE OF HOLE _____

HOLE NO. <u>CD-9</u>
CLAIM NAME _____
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu	Mo	Au			
615	640	75	Highly sheared, broken zone. Some blackish-grey clay. Minor pyrite \approx 1% and chalcocite occurs at 637.	640	650	10	832	0.01	.008	L0.005			
				650	660	10	833	0.04	.007				
640	655	85	Broken core, rhyodacite porphyry. Clay sericite-pyrite altered. Finely disseminated pyrite.	660	670	10	834	0.01	.013				
				670	680	10	835	0.03	.007	L0.005			
655	659	95	Sericite-clay altered porphyry. Finely disseminated pyrite. 1' lengths. At 655.4, 1/32" wide chalcopyrite veinlet cutting core \approx 70°.	680	690	10	836	0.01	.010				
				690	700	10	837	0.01	.011				
				700	710	10	838	0.01	.011	L0.005			
659	684	75	Intensely, fractured, broken, clayey shear zone. Grey-black clay gouge. Minor pyrite.	710	720	10	839	0.02	.007				
				720	730	10	840	0.01	.013				
684	690	90	Sericite-clay-pyrite altered porphyry.	730	740	10	841	0.02	.008	L0.005			
690	696	80	Highly broken clay-rich shear zone.	740	750	10	842	0.01	L.003				
696	716	90	Sericite-clay-pyrite (1-2%) altered porphyry. Trace of chalcopyrite as disseminations.	750	760	10	867	0.01	.003				
				760	770	10	868	0.01	L.003	L0.005			
716	724	80	Highly broken, fragmented section. 1"-2" sections of core. Minor pyrite. Clay and sericite.	770	780	10	869	0.01	.003				
				780	790	10	870	0.01	.010				
724	753	90	Broken 3-4" sections of core. Sericite and clay altered porphyry.	790	800	10	871	0.01	.008	L0.005			
753	883	95	Good recovery 1-3" lengths of core. Rhyodacite porphyry. Alteration becomes much less intense. Booklets of brownish clay replacing biotite now visible. Feldspars are only fringed with clay. Feldspars have a greenish tinge (montmorillonite?, saussurite?).	800	810	10	872	0.02	.022				
				810	820	10	873	0.01	.005				
				820	830	10	874	0.01	L.003	L0.005			
				830	840	10	875	0.01	L.003				
			Rock is composed of <5% altered mafics, 1-2% pyrite, trace	840	850	10	876	0.01	.007				

Diamond Drill Record

COLLAR:		HOLE SURVEY		
NORTH	236N	FOOTAGE	AZIMUTH	DIP
EAST	230W	600	Vertical	
ELEVATION	4325			
LOGGED BY	R. A. Dickinson			
DATE LOGGED	11/8/72			
MAP REFERENCE NO.	115-I-3	METHOD:		

COMPANY NAME Area Exploration Company
 PROPERTY NAME Mount Nansen
 DRILLING CONTRACTOR E. Caron Diamond Drilling
 ASSAYER Bondar-Clegg & Company
 PURPOSE OF HOLE Near silicified dome, edge of anomalous I.P. metal factor halo

HOLE NO.	CD-10
CLAIM NAME	Dome 66
COMMENCED	July 29, 1972
FINISHED	August 1, 1972
PROJECT NO.	461

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS							
				FROM	TO	WIDTH	NO.	Cu	Mo	Au					
0	12	-	Overburden. BW casing 0-25'.			BQ									
12	17	10	Extremely broken core. Soft, supergene altered, goethite stained, pebbles of medium grained granodiorite.	12	20	10	882	0.04	L.003	L0.005					
17	30	75	Highly broken core, pebble size fragments. Leached, oxidized, altered, granodiorite. (Originally biotite-granodiorite.) Limonite (goethite → jarosite) stained. Trace of pyrite remains unleached. Minor anhydrite with limonite along fracture planes. Feldspars have been altered to white kaolin while mafics have been replaced by a brownish booked clay-chlorite material.	20	30	10	883	0.01	L.003						
30	32	75	Extremely broken core, pebble size, granodiorite fragments.	30	40	10	884	0.01	L.003						
32	69	95	Good recovery 6"-1' sections of core. Pervasively goethite stained, medium-coarse grained granodiorite. Moderately clay altered. Most pyrite remains coated with limonite. Limonite stained cap ends at 69'.	40	50	10	885	0.02	L.003	L0.005					
				50	60	10	886	0.02	L.003						
				60	70	10	887	0.02	L.003						
				70	80	10	888	0.01	L.003	L0.005					
				80	90	10	889	0.01	L.003						
69	148	98	Good recovery. Medium-coarse grained granodiorite. Strongly clay altered (kaolin) with mild sericite. No mafics remain. Traces of anhydrite along fractures. Trace of chalcocite rimming pyrite at 119. Pyrite 1-2% as anhedral disseminations and massive 1/2" veinlets at 115.5 (20° to core axis) and 123 (30° to core axis).	90	100	10	890	0.01	L.003						
				100	110	10	891	0.01	L.003	L0.005					
				110	120	10	892	0.01	L.003						
				120	130	10	893	0.01	L.003						
				130	140	10	894	0.01	L.003	L0.005					
148	160	98	Light creamy rhyodacitic feldspar porphyry. Minor goethite staining. Traces of anhydrite with pyrite-limonite along fractures.	140	150	10	895	0.01	L.003						
				150	160	10	896	0.04	L.003						

Diamond Drill Record

COLLAR:	HOLE SURVEY		
NORTH _____	FOOTAGE	AZIMUTH	DIP
EAST _____			
ELEVATION _____			
LOGGED BY _____			
DATE LOGGED _____			
MAP REFERENCE NO. _____	METHOD: _____		

COMPANY NAME _____
 PROPERTY NAME _____
 DRILLING CONTRACTOR _____
 ASSAYER _____
 PURPOSE OF HOLE _____

HOLE NO. <u>CD-10</u>
CLAIM NAME _____
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS		
				FROM	TO	WIDTH	NO.	Cu	Mo	Au
			One-quarter inch sheared massive pyrite veinlet at lower contact.	160	170	10	897	0.01	L.003	L0.005
160	199	98	Mildly clay altered, (trace of sericite) granodiorite. 1% pyrite	170	180	10	898	0.01	L.003	
			as minor fracture fillings and disseminations. Feldspars are	180	190	10	899	0.01	L.003	
			fringed with alteration but mafics are completely replaced.	190	200	10	900	0.01	L.003	L0.005
199	326	98	At 199 sharp contact with rhyodacite (quartz-feldspar) porphyry.	200	210	10	901	0.01	L.003	
			Minor pyrite and trace of chalcopryite and anhydrite. Rhyodacite	210	220	10	902	0.01	L.003	
			is creamy white, has small (1 mm) subhedral plagioclase pheno-	220	230	10	903	0.01	L.003	L0.005
			crysts and sparse resorbed quartz phenocrysts. Feldspars are	230	240	10	904	0.01	L.003	
			totally replaced by kaolin and minor sericite. Massive pyrite 1/2"	240	250	10	905	0.01	L.003	
			veinlets cut porphyry at 254' and 252'. Good recovery 1-2' sections.	250	260	10	906	0.01	L.003	L0.005
326	343	98	Fractured - brecciated - porphyry zone. Fractures are filled with	260	270	10	907	0.01	L.003	
			limonite-anhydrite and lesser pyrite. Trace of chalcopryite.	270	280	10	908	0.01	L.003	
			Section is pervasively goethite stained. Good recovery 3"-1"	280	290	10	909	0.01	L.003	L0.005
			sections. Porphyry is clay-sericite altered.	290	300	10	910	0.01	L.003	
343	391	98	Ryodacite porphyry. Small (1 mm) feldspar phenocrysts, that have	300	310	10	911	0.01	L.003	
			been replaced by kaolin in aphanitic felsite matrix. At 390-391	310	320	10	912	0.01	L.003	L0.005
			dense non-porphyrific chilled margin. Regularly disseminated	320	330	10	913	0.01	L.003	
			anhedral pyrite (1%). Trace of chalcopryite. Good recovery.	330	340	10	914	0.01	L.003	
391	398	98	Medium-coarse grained granodiorite. Originally biotite granodiorite.	340	350	10	915	0.01	L.003	L0.005
			Clay altered feldspars and mafics. Minor pyrite and traces of	350	360	10	916	0.01	L.003	
			anhydrite.	360	370	10	917	0.01	L.003	

Diamond Drill Record

COLLAR:	HOLE SURVEY		
NORTH _____	FOOTAGE	AZIMUTH	DIP
EAST _____			
ELEVATION _____			
LOGGED BY _____			
DATE LOGGED _____			
MAP REFERENCE NO. _____	METHOD: _____		

COMPANY NAME _____

PROPERTY NAME _____

DRILLING CONTRACTOR _____

ASSAYER _____

PURPOSE OF HOLE _____

HOLE NO. <u>CD-10</u>
CLAIM NAME _____
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu	Mo	Au			
398	407	98	Rhyodacitic feldspar porphyry. Moderately clay altered. 1% disseminated pyrite. At 398 sheared pyrite filling at contact with granodiorite.	370	380	10	918	0.01	L.003	L0.005			
				380	390	10	919	0.01	L.003				
				390	400	10	920	0.01	L.003				
407	496	98	Moderately argillized granodiorite, some sericite. Disseminated pyrite and minor fracture fillings. Massive pyrite, anhydrite fills fractures at 456 (10° to core axis) and 453, 455. Good recovery long sections of core.	400	410	10	921	0.01	L.003	L0.005			
				410	420	10	922	0.01	L.003				
				420	430	10	923	0.01	L.003				
				430	440	10	924	0.01	L.003	L0.005			
496	501	80	Blackish-grey clay shear zone.	440	450	10	925	0.01	L.003				
501	543	98	Moderately clay altered, medium grained granodiorite. 1-2% disseminated pyrite.	450	460	10	926	0.01	L.003				
				460	470	10	927	0.03	L.003	L0.005			
543	551	90	Shear zone. Blackish-grey clay shear surfaces on fragmented granodiorite.	470	480	10	928	0.01	L.003				
				480	490	10	929	0.01	L.003				
551	553	98	Granodiorite, medium-coarse grained. Moderately clay altered with minor sericite. No mafics. 1% pyrite.	490	500	10	930	0.01	L.003	L0.005			
				500	510	10	931	0.01	L.003				
553	568	90	Highly broken core, 1" to pebble size fragments. Highly clay altered fault zone. Minor pyrite and anhydrite.	510	520	10	932	0.01	L.003				
				520	530	10	933	0.01	L.003	L0.005			
568	600	98	Moderately clay altered rhyodacitic, feldspar porphyry. 1% disseminated pyrite. Small feldspar grains clay altered. Aphanitic light cream matrix.	530	540	10	934	0.01	L.003				
				540	550	10	935	0.01	L.003				
				550	560	10	936	0.01	L.003	L0.005			
				560	570	10	937	0.01	L.003				
				570	580	10	938	0.01	L.003				

