

Diamond Drill Record

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

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

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

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
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	

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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 _____	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. CD-3 (461-72-1)
 CLAIM NAME _____
 COMMENCED _____
 FINISHED _____
 PROJECT NO. 461

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu	Mo		Au		
323	354	99	At 323' contact hornblende granodiorite with feldspar	320	330	10	4225	0.09	L.003		L.005		
			porphyry rhyodacite. Rhyodacite is light grey, 2 mm	330	340	10	4226	0.01	L.003		L.005		
			plagioclase phenocrysts abundant, minor quartz phenocrysts	340	350	10	4227	0.01	L.003				
			3" pyrite, minor chalcopyrite veinlet at contact. 1%	350	360	10	4228	0.02	L.003				
			disseminated pyrite crystals. Several grey quartz & pyrite										
			4 mm fracture fillings @ 30° & 10° to core axis. Blackish										
			grey clay (MoS ₂ ?) and slickensides suggests movement and	360	370	10	4229	0.03	L.003		L.005		
			shear along fractures. 2 mm calcite fracture filling @	370	380	10	4230	0.02	L.003				
			356'. Rhyodacite is moderately clay altered and no	380	390	10	4231	0.01	L.003				
			mafics are preserved.	390	400	10	4232	0.02	L.003		L.005		
354	389	96	Short broken 1" lengths of rhyodacite porphyry, very	400	410	10	4233	0.01	L.003				
			minor chalcopyrite - 1% disseminated pyrite. Sheared	410	420	10	4234	0.01	L.003				
			grey black clay (gouge) fracture fillings.	420	430	10	4235	L.01	L.003				
389	500	99	Competent rhyodacite porphyry core. Lengths 2-3'.	430	440	10	4236	0.03	L.003				
			Moderately clay altered, alteration decreasing with depth;	440	450	10	4237	0.05	L.003				
			no mafics, @ 480-485 plagioclase is hematite stained.	450	460	10	4238	0.08	L.003		L.005		
			2" pyrite seam ⊥ to core axis at 461.5', possibly	460	470	10	4239	0.01	0.004				
			minor MoS ₂ ?	470	480	10	4240	0.04	L.003				
				480	490	10	4241	0.01	L.003		L.005		
				490	500	10	4242	0.01	L.003				
								shipped 21/6/72					

Diamond Drill Record

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

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

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

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS			Check Assays (Chemex)		
				FROM	TO	WIDTH	NO.	Cu	Mo	Au	Cu	Mo	
0	50		N W casing to 50'										
			B W casing to 50'										
			Several varying boulders cored to 55'. Near surface, quartz feldspar rhyodacite porphyry boulders - near bed-rock, dark grey-green quartz diorite fragments.										
50	64	92%	Medium grained mesocratic greyish-green quartz diorite. Fractured & broken core. All fracture surfaces thickly coated with goethite and minor jarosite.	50	60	10	100	0.040	0.030	0.003	0.050	0.025	
64	65	90%	Seam of iron stained kaolin, soft & friable.										
65	91	97%	Fine - medium grained biotite quartz diorite, grey black, moderately magnetic. Goethite stains all fractures which are commonly parallel and 30-60° to the core axis. Most sulphides are leached from fractures but finely <1% disseminated pyrite remains. Minor chlorite, clay and epidote replace mafics. @ 74.8 and 86.5 chalcocite thinly coats pyrite veinlets. Broken core, 2-3" sections.	60	70	10	101	0.050	0.066	1.005	0.060	0.054	
				70	80	10	102	0.120	0.018	1.005	0.130	0.018	
				80	90	10	103	0.220	0.019	0.006	0.220	0.019	
				90	100	10	104	0.210	0.015	0.005	0.220	0.016	
				100	110	10	105	0.110	0.015	0.005	0.130	0.016	
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. At 100, 103, 104, 119, 126, 1" massive pyrite veinlets coated with sooty black chalcocite, pyrite is commonly irridescent (probably covellite rimming).	110	120	10	106	0.080	0.010	1.005	0.090	0.009	
				120	130	10	107	0.140	0.011	0.005	0.150	0.009	
				130	140	10	108	0.160	0.014	0.005	0.200	0.013	
				140	150	10	109	0.140	0.029	0.005	0.150	0.026	

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COLLAR:	HOLE SURVEY		
NORTH _____	FOOTAGE	AZIMUTH	DIP
EAST _____			
ELEVATION _____			
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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			Check Assays (Chemex)		
				FROM	TO	WIDTH	NO.	Cu	Mo	Au	Cu	Mo	
			Minor epidote clots associated with pyrite veinlets.										
145	149	99%	& Sheared brecciated section. Angular quartz rich aplitic fragments within quartz diorite, probably formed 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	0.005		0.230	0.065
149	151	99%	Competent 1-2' sections of core. Quartz diorite with finely disseminated pyrite. Minor supergene chalcocite as pyrite skins.	160	170	10	111	0.080	0.017	0.005		0.100	0.015
				170	180	10	112	0.050	0.012	0.005		0.050	0.011
				147	159	12	113	0.530	0.041	0.013	Sludge	0.530	0.040
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 supergene chalcocite (visual) appears to coat pyrite.	159	170	11	114	0.430	0.015	0.017	"	0.460	0.014
				170	180	10	115	0.230	0.023	0.005	"	0.200	0.021
				180	190	10	116	0.160	0.022	0.005	"	0.160	0.024
				190	200	10	117	0.120	0.039	0.005	"	0.130	0.036
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	0.005	"	0.170	0.045
				210	220	10	119	0.180	0.040	0.005	"	0.180	0.042
				180	190	10	120	0.060	0.013				
170	303	99%	Greenish black, melanocratic diorite - quartz diorite	190	200	10	121	0.070	0.019				
			Minor chlorite & epidote clots replacing	200	210	10	122	0.070	0.025	0.005			
			biotite & hornblende mafics. <1% disseminated pyrite	210	220	10	123	0.050	0.022				

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NORTH _____	FOOTAGE	AZIMUTH	DIP
EAST _____			
ELEVATION _____			
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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	Au
			and the odd speck of chalcoppyrite.							
			Fractures commonly parallel core axis and 30-60° to it	220	230	10	124	0.050	0.012	
			although occur at all angles, always pyrite coatings,	230	240	10	125	0.050	0.007	L.005
			often hairline. Several 1" veinlets of massive pyrite	240	250	10	126	0.060	0.017	
			associated with epidote, chlorite & carbonate although	250	260	10	127	0.060	0.016	L.005
			minor. These occur at 247, 294, 219, 292, 243. @ 243	260	270	10	128	0.080	0.018	
			several flecks of molybdenite occur with qtz-pyrite vein-	270	280	10	129	0.060	0.016	L.005
			let. Aplite dykelets ¼ to ½" have intruded diorite which has been re-	280	290	10	130	0.060	0.030	
			fractured offsetting most aplite. Sulphide minerali-	290	300	10	131	0.080	0.017	
			zation probably post-aplite. Offsetting of aplite has	300	310	10	132	0.100	0.023	0.005
			caused brecciated effect over short intervals @ 302, 293,							
			294, 252, 253.							
303	328	99%	Fine-med. grained greyish-black quartz diorite becomes	310	320	10	133	0.130	0.010	0.005
			slightly greyer with depth (probably increasing argilli-	320	330	10	134	0.080	0.016	
			zation). Rock is propylitized (epidote clots, mafics							
			gone to chlorite). Quartz, pyrite & epidote fill minor							
			hairline fractures parallel to core axis and 30-90° to it.							
			Traces of finely disseminated chalcoppyrite. Magnetite &							
			chalcoppyrite ¼" veinlet at 307. @ 321-322 chloritized							
			shear surface parallel to core axis.							

Diamond Drill Record

COLLAR: NORTH _____		HOLE SURVEY		
		FOOTAGE	AZIMUTH	DIP
EAST _____				
ELEVATION _____				
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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		Au		
			but occur at all angles, Good recovery, competent core 1-2' sections.										
393.5	411	99%	Greyish black, medium grained quartz diorite. 1% finely disseminated pyrite and odd fracture filling.	390	400	10	141	0.070	0.011		L.005		
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				
441	457	99%	Quartz-latite, 1-2% finely disseminated pyrite, mafics (5%) gone to chlorite.	440	450	10	146	0.020	0.003				
457	507	99%	Grey-black, fine grained, quartz diorite, minor propylitization.	450	460	10	147	0.020	0.013		L.005		
507	527	80%	Extremely sheared & fractured quartz diorite, Clay, carbonate & chlorite fill all fractures. 1-2% disseminated pyrite. Shear surfaces show chloritized slickensides.	460	470	10	148	0.120	0.018				
527	555	99%	Grey-black, fine-med. grained quartz diorite, 5% epidote & chlorite clots. 1% disseminated pyrite. Good recovery, 1-2' sections.	470	480	10	149	0.080	0.017		0.005		
555	566	99%	Aplitic, quartz latite, 5" sections, finely disseminated pyrite.	480	490	10	150	0.100	0.030				
				490	500	10	151	0.140	0.013				
				500	510	10	152	0.110	0.015		0.005		
				510	520	10	153	0.090	0.017				
				520	530	10	154	0.030	0.016				
				530	540	10	155	0.040	0.019		L.005		
				540	550	10	156	0.040	0.011				
				550	560	10	157	0.020	0.026				

Diamond Drill Record

COLLAR:	HOLE SURVEY		
NORTH _____	FOOTAGE	AZIMUTH	DIP
EAST _____			
ELEVATION _____			
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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-5</u>
CLAIM NAME <u>Dome 43 & Dome 58</u>
COMMENCED _____
FINISHED _____
PROJECT NO. <u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu	Mo	Au			
			been leached.			BQ							
91	138	99%	Hornblende-granodiorite, <1% disseminated pyrite.	90	100	10	169	0.01	L.003				
			Fracture commonly parallel to core axis. Granodiorite	100	110	10	170	0.01	L.003				
			has been propylitized (epidote, chlorite, carbonate	110	120	10	171	0.01	L.003		L.005		
			alteration). Fractures commonly epidote & pyrite filled.	120	130	10	172	0.01	L.003				
			Good recovery, 1-2' sections of competent core.	130	140	10	173	.01	L.003				
138	172	85%	Poor recovery, extensively broken core (fragments).	140	150	10	174	0.01	L.003		L.005		
			Highly sheared granodiorite & kaolinized gouge, with 1%	150	155	5	175	0.01	L.003				
			pyrite & minor limonite staining.	155	160	5	176	0.01	L.003				
172	180	99%	Good recovery, 1-2' sections. Coarse grained grano-	150	160	10	177	0.01	L.003		Sludge		
			diorite, with 1% finely disseminated pyrite.	160	170	10	178	0.01	L.003		"		
180	183	95%	Mildly argillized granodiorite. Feldspars are	170	180	10	179	0.02	L.003		"		
			clayey and have a green tinge (montmorillonite?).	180	190	10	180	0.01	L.003		"		
			Mafics are completely chloritized.	190	200	10	181	0.01	L.003		"	L.005	
183	187	97%	Fine grained - dense, aplitic rhyodacite porphyry with	200	210	10	182	0.01	L.003		"		
			<2% chloritized mafic clots. Minor, 2-3 mm quartz	210	220	10	183	0.01	L.003		"	Shipped: 6/25/72	
			phenocrysts, 3-4 mm plagioclase phenocrysts, and large	160	170	10	184	0.01	L.003			L.005	
			1/2-3/4" pinkish K-spar phenocrysts. Plagioclase is	170	180	10	185	0.02	L.003				
			slightly clay altered. 2% finely disseminated pyrite.	180	190	10	186	0.01	L.003				
			Contacts are extremely broken.										
187	206	1%	Essentially no core. Minor rhyodacite porphyry fragments.	190	200	10	187						

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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-5</u>
CLAIM NAME <u>Dome 43 & Dome 58</u>
COMMENCED _____
FINISHED _____
PROJECT NO. <u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS			
				FROM	TO	WIDTH	NO.	Cu	Mo	Au	
282	312.5	99%				BQ					
			@ 282' ½" chilled margin (dense, non-porphyritic) with above.								
			Dense greyish cream rhyodacite porphyry, resorbed and	280	290	10	196	0.01	L.003		
			zoned white plagioclase (3 mm), and resorbed quartz	290	300	10	197	0.01	L.003		
			(2 mm) phenocrysts <1% pyrite and <5% mafics (fine	300	310	10	198	0.02	L.003	0.005	
			grained & chloritized). Light coloured porphyry grades into →								
312.5	321		darker greyish black rhyodacite porphyry. Porphyritic	310	320	10	199	0.02	L.003		
			(plagioclase) texture more pronounced. Dense, quartz rich								
			aphanitic matrix. <1% finely disseminated pyrite. Good								
			core recovery, 1' sections.								
321	332.3	99%	@ 321' sharp contact with med. grained hornblende grano-	320	330	10	200	0.01	L.003		
			diorite, Strongly epidotized as clots and fracture								
			healings. Hornblende is replaced by chlorite. <1%								
			pyrite is found along fractures (commonly 10° & 30° to								
			core axis) and as fine anhedral disseminations. Sharp	330	340	10	201	0.01	L.003	L.005	
			contacts on both sides. Good core recovery, competent	340	350	10	202	0.02	L.003		
			2' sections.	350	360	10	203	0.01	L.003		
332.5	513.5	99%	Light, creamy grey rhyodacite porphyry. Phenocrysts are	360	370	10	204	0.01	L.003	L.005	
			anhedral resorbed plagioclase 2-4 mm, resorbed quartz	370	380	10	205	0.01	L.003		
			(2-4 mm) and lesser subhedral pinkish K-spar. Section	380	390	10	206	L.01	L.003		
			becomes increasingly more porphyritic. Specks of moly	390	400	10	207	0.01	L.003	L.005	

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NORTH _____		FOOTAGE	AZIMUTH	DIP
EAST _____				
ELEVATION _____				
LOGGED BY _____				
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COMPANY NAME Area Exploration Company
 PROPERTY NAME Mount Nansen
 DRILLING CONTRACTOR _____
 ASSAYER _____
 PURPOSE OF HOLE _____

HOLE NO. <u>CD-5</u>
CLAIM NAME <u>Dome 43 & Dome 58</u>
COMMENCED _____
FINISHED _____
PROJECT NO. <u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS		
				FROM	TO	WIDTH	NO.	Cu	Mo	Au
			@ 413. Porphyry contains <10% mafics. Pyrite 1% is commonly euhedral along fractures while anhedral as fine disseminations. Core is broken and kaolinized over 2-3" sections @ 402, 436, 446, 479, 480. Fractures at all angles (1 per 4").			BQ				
				400	410	10	208	L.01	L.003	
				410	420	10	209	L.01	L.003	
				420	430	10	210	0.01	L.003	L.005
				430	440	10	211	0.01	L.003	
513.5	519.5	99%	@ 519.5' sharp contact with granodiorite, granodiorite is mildly argillized. All feldspars have greenish tinge (montmorillonite?). Granodiorite is quartz rich. Mafics have been replaced by chlorite and minor epidote occurs as clots and along fractures. <1% pyrite, good recovery, 1' sections.	440	450	10	212	0.01	L.003	
				450	460	10	213	L.01	L.003	L.005
				460	470	10	214	L.01	L.003	
				470	480	10	215	L.01	L.003	
				480	490	10	216	L.01	L.003	L.005
				490	500	10	217	L.01	L.003	
519.5	537	99%	Rhyodacite porphyry, sharp contacts. Quartz, plagioclase, K-spar phenocrysts as earlier described, 1% pyrite & <5% mafics (chloritized).	500	510	10	218	0.01	L.003	
				510	520	10	219	0.01	L.003	L.005
				520	530	10	220	0.01	L.003	
537	541	99%	Hornblende granodiorite - mildly kaolinized. Propylitic alteration assemblage. Mildly fractured.	530	540	10	221	0.01	L.003	
				540	550	10	222	0.01	L.003	L.005
541	551	99%	Rhyodacite porphyry as above. 1/2" aphanitic chilled margin @ 541', 1% pyrite & <5% mafics. Slightly fractured at all angles, minor pyrite and clay on fractures.							
				550	560	10	223	0.02	L.003	

Diamond Drill Record

COLLAR: <u>199+50N</u>		HOLE SURVEY		
NORTH	<u>199+50N</u>	FOOTAGE	AZIMUTH	DIP
EAST	<u>200W</u>	<u>612'</u>		
ELEVATION	<u>4,400</u>	<u>Vertical</u>		
LOGGED BY	<u>R.A. Dickinson</u>			
DATE LOGGED	<u>9/7/72</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 & Co. Ltd.
 PURPOSE OF HOLE Test tourmalinized breccia pipe,
Rim of anomalous metal factor

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

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. _____	CD-6
CLAIM NAME _____	GS 7FR
COMMENCED _____	
FINISHED _____	
PROJECT NO. _____	461

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
				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
				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. Chalco-	170	180	10	243	0.01	L.003	0.005
			cite coats a pyrite veinlet @ 180'.							
183	201	98%	Strongly kaolinized granodiorite. Mafics remain as booklets replaced by clay. Minor disseminated pyrite	180	190	10	244	0.01	L.003	0.005
				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 7FR</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'. Grano-							
			diorite 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	210	220	10	247	0.01	L.003	
			chloritization? gives malachite tinge to feldspars,	220	230	10	248	0.01	L.003	L.005
			Granodiorite is quartz rich (15%). Med.-coarse grained	230	240	10	249	0.01	L.003	
			and mesocratic. Good competent 2-3' sections of core.	240	250	10	250	L.01	L.003	
			Minor pyrite.	250	260	10	251	0.01	L.003	L.005
257	292	95%	Kaolinized granodiorite, both feldspars & mafics have	260	270	10	252	0.02	L.003	
			gone to clay, has a greenish grey colour. @ 275-278'	270	280	10	253	0.01	L.003	
			clayey shear zone. Disseminated pyrite (1%) has minor	280	290	10	254	0.01	L.003	L.005
			coatings of chalcocite, thick coating @ 267' on 1/2 inch							
			veinlet. Trace of chalcopyrite.							
292	311		Strongly argillized rhyodacite porphyry (dyke). Both	290	300	10	255	0.01	L.003	
			contacts broken. Finely disseminated pyrite (2%) is	300	310	10	256	0.01	L.003	
			evenly distributed throughout rock and along minor	310	320	10	257	0.01	L.003	L.005
			fractures. Minor chalcocite skins on pyrite becoming							
			thicker @ 298-300'. Porphyry is whitish grey with anhedral							
			plagioclase phenocrysts and dense feldspathic matrix.							
311	374.5	98%	Moderately argillized, hornblende granodiorite. Minor	320	330	10	258	L.01	L.003	
			disseminated pyrite as fracture fillings and	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. CD-6
 CLAIM NAME GS 7FR
 COMMENCED _____
 FINISHED _____
 PROJECT NO. 461

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			
				350	360	10	261	0.01	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				
				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 granodiorite, small clots of epidote and chlorite. < 1% disseminated pyrite. Fracture 1 per 6" occur at all angles to core axis.	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%	Mildly argillized cream grey rhyodacite porphyry. 2% pyrite as dissemination. Only minor plagioclase phenocrysts. Aplitic texture.	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%	Moderately-strongly argillized rhyodacite porphyry. 2% disseminated pyrite, trace chalcopyrite. Sharp contacts. @ 467-468' greyish black clayey shear zone.	460	470	10	272	0.03	L.003	L.005			
				470	480	10	273	L.01	L.003				
475.5	494	99%	Mildly clay (kaolin) altered granodiorite, granodiorite is med. - coarse grained, mesocratic, quartz and hornblende rich. Pyrite < 1% with trace chalcopyrite.	480	490	10	274	0.01	L.003				
				490	500	10	275	0.02	L.003	0.005			
494	516		Dense rhyodacite porphyry. Sharp contacts with granodiorite. Porphyry contains 2-3 mm subhedral plagioclase phenocrysts, lacks mafics and is creamy grey.	500	510	10	276	0.01	L.003				
				510	520	10	277	0.02	L.003				

Diamond Drill Record

COLLAR:		HOLE SURVEY		
NORTH <u>204N</u>	FOOTAGE	AZIMUTH	DIP	
EAST <u>195W</u>	<u>500</u>	<u>Vertical</u>		
ELEVATION <u>4300</u>				
LOGGED BY <u>R. A. Dickinson</u>				
DATE LOGGED <u>18/7/72</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 Edge of anomalous I. P. halo

HOLE NO. <u>CD-7</u>
CLAIM NAME <u>GS-7-F</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	21	0	Overburden. BW casing 0-50'.								
21	42.5	90	Weathered, crumbly, equigranular, medium grained granodiorite, leached and broken. Feldspars have been altered to soft white clay (kaolin). Strongly limonite stained with both jarosite and goethite giving rock pervasive reddish orange colour. No sulphides.	21	30	9	287	0.02	L.003	L0.005	
				30	40	10	288	0.02	L.003		
42.5	46	50	Extremely broken core. Fragments recovered are rhyodacite which is quartz-rich and non-porphyrific. All pebbles are limonite stained. No sulphides.	40	50	10	289	0.01	L.003		
				50	60	10	290	0.02	L.003	L0.005	
46	60	90	Limonite stained granodiorite. Broken 2-3" sections. Supergene clay alteration of silicates.								
60	80	75	Extremely broken section. Mainly limonite stained pebbles and sand. Probably shear zone cutting granodiorite.	60	70	10	291	0.02	L.003		
				70	80	10	292	0.02	L.003		
80	90	98	Oxidized, equigranular, medium grained granodiorite. Jarosite and goethite coatings along fractures and as a pervasive staining. Intensity of staining decreasing with depth. First appearance of pyrite at 86.5.	80	90	10	293	0.03	L.003	L0.005	
90	112	85	Limonite stained granodiorite, slightly more broken than above section. Feldspars have been replaced by kaolin.	90	100	10	294	0.03	L.003		
				100	110	10	295	0.03	L.003		
112	114	50	Intensely broken, pebble size core. Granodiorite, limonite stained, pebbles and sand.	110	120	10	296	0.03	L.003	L0.005	
114	129	90	Broken core, 3-5" sections of limonite stained granodiorite.	120	130	10	297	0.03	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-7</u>
CLAIM NAME _____
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS			Check Assays (Chemex)		
				FROM	TO	WIDTH	NO.	Cu	Mo	Au		Cu	
			Limonite staining decreases with depth and oxidized capping ends at 129'. Minor pyrite although most sulphides have been leached.										
			Feldspars have been altered to kaolin.										
129	140	75	Medium grained, equigranular mesocratic hornblende granodiorite.	130	140	10	298	0.03	L.003				
			Feldspars are fringed with soft white kaolin. <1% anhedral pyrite as fine disseminations and along fractures.										
140	152	20	Dark black, aphanitic lamprophyre dyke. Crisscrossed with hairline seams of pyrite and minor chalcopryite.	140	160	20	299	0.02	L.003	L0.005			
				140	150	Sludge	551	0.02	L.003	0.005			0.01
152	170	98	Strongly chloritized granodiorite, chlorite gives rock a grey green tinge. Feldspars have clay altered rims. Rock contains 1% pyrite as disseminations and fracture fillings which are not abundant.	150	160	Sludge	552	0.02	L.003				0.02
			1-2' sections of core.	160	170	10	300	0.02	L.003				
170	220	98	Medium grained, equigranular, chloritized granodiorite. All mafics have gone to chlorite. Feldspars have kaolin rims. Granodiorite is quartz-rich (15-20%). Core is greyish green. Pyrite (1%) occurs as disseminations and commonly as subhedral crystals filling fractures.	170	180	10	301	0.02	L.003	L0.005			
				180	190	10	302	0.03	L.003				
				190	200	10	303	0.02	L.003				
				200	210	10	304	0.06	L.003	L0.005			
			Trace of chalcopryite at 185'. 1/2" pinkish feldspar veinlet at 215'.	210	220	10	305	0.01	L.003				
220	234.7	98	Chloritized and mildly clay altered equigranular, medium-coarse grained, hornblende granodiorite. 1-2% pyrite as subhedral disseminations and 1/4" fracture fillings. Minor chalcopryite where pyritization is strong.	220	230	10	306	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-7</u>
CLAIM NAME _____
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS		
				FROM	TO	WIDTH	NO.	Cu	Mo	Au
370	386	98	Medium-coarse grained granodiorite, moderately clay altered, all mafics have been replaced by clay. 1-2% pyrite, trace chalcopyrite.	370	380	10	317	0.03	L.003	L0.005
			Quartz-pyrite fill all fractures and attain widths of 1-2". Cut core axis at all angles and are not intense.	380	390	10	318	0.03	L.003	
386	388	98	Light grey, aphanitic, non-porphyrific rhyodacite and quartz dyke. Strong pyritization associated with quartz. No mafics.							
388	404.5	98	Olive green, chloritized, and clay altered granodiorite. Pervasive chlorite staining probably gives rock greenish colour. Feldspars are clay altered and stained. Granodiorite is quartz rich (15-20%). 1% pyrite as disseminations and quartz-pyrite fracture fillings.	390	400	10	319	0.03	L.003	L0.005
				400	410	10	320	0.03	L.003	
				410	420	10	321	0.02	L.003	
404.5	500		Rhyodacite porphyry. Porphyritic texture becomes more pronounced with depth. Phenocrysts are mainly euhedral white plagioclase (2-3 mm), and lesser resorbed quartz eyes. 1% finely disseminated pyrite and only (<3%) minor mafics that have been replaced by chlorite. Rock has malachite green speckles (<1%) that may be chlorite? Feldspars are mildly argillized at edges. At 462, 6" long fracture at 20° to core axis filled with blackish grey clay gouge. (Colour may be due to MoS ₂ ?)	420	430	10	322	0.02	L.003	L0.005
				430	440	10	323	0.01	L.003	
				440	450	10	324	0.04	L.003	
				450	460	10	325	0.03	L.003	L0.005
				460	470	10	326	0.02	L.003	
				470	480	10	327	L0.01	L.003	
				480	490	10	328	0.01	L.003	L0.005
				490	500	10	329	0.02	L.003	
			END OF HOLE							

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

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS		
				FROM	TO	WIDTH	NO.	Cu	Mo	Au
142	161	95	Plagioclase-dacite porphyry. No biotite phenocrysts. Plagioclase is subhedral and resorbed. Matrix is quartz rich and aphanitic. Only minor goethite staining along fractures and <1% disseminated pyrite.	140	150	10	343	0.03	L.003	
				150	160	10	344	0.05	L.003	
161	168	70	Broken sections of dacite porphyry. Limonite stained, <1% pyrite remains unleached.	160	170	10	345	0.03	L.003	L0.005
				170	180	10	346	0.04	L.003	
168	186	75	Plagioclase dacite porphyry. Subhedral 2-3 mm. phenocrysts of plagioclase in microcrystalline greyish matrix. Plagioclase is fringed with clay alteration but rock appears relatively fresh. Pyrite (<1%) mainly as disseminations. Bottom of oxidized capping at 184'.							
186	187.5	60	Shear zone. Mainly white clay and pyrite-rich gouge. Extremely crumbly.	180	190	10	347	0.05	L.003	
187.5	213.5	97	Plagioclase dacite porphyry. <1% pyrite as disseminations and rarely along fractures. Minor goethite at 205'. Small mafic clots (chloritized) make up <5% of rock.	190	200	10	348	0.02	L.003	L0.005
				200	210	10	349	0.03	L.003	
				210	220	10	350	0.03	L.003	
213.5	216	98	Black, dense, microcrystalline lamprophyre / dyke rock of basaltic composition. Minor anhedral pyrite, slightly magnetic. Sharp contacts.							
216	219	99	Hornblende granodiorite. Slightly propylitized, minor epidote, chlorite and pyrite. Equigranular, medium grained, granitic texture. From 217-218 lamprophyre and granodiorite contact parallels core axis.							

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. _____	CD-8
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		
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-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 veinlet ≈ 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:		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-8</u>
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				
			Hornblende granodiorite, minor epidote clots, and chloritized mafics	630	640	10	4367	0.03	L.003	L0.005			
757	770.5	99	1-2% anhedral disseminated pyrite.	640	650	10	4368	0.04	L.003				
			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.	650	660	10	4369	0.04	L.003				
770.5	812	99	Shear zone, clay-rich, small 1/4" fragments of granodiorite.	660	670	10	4370	0.03	L.003	L0.005			
			Rhyodacite porphyry with quartz-rich greyish matrix and <1% disseminated pyrite. Dyke has 1/4" chilled margin with below.	670	680	10	4371	0.02	L.003				
			Quartz-rich granodiorite - adamellite with <10% mildly chloritized mafics and 1% finely disseminated pyrite. Minor calcite and epidote along fractures.	680	690	10	4372	0.03	L.003				
812	813	80		690	700	10	4373	0.02	L.003	L0.005			
813	829	98		700	710	10	4374	0.02	L.003				
				710	720	10	4375	0.03	L.003				
				720	730	10	4376	0.02	L.003	L0.005			
829	850	99		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:		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-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 \approx 50% of rock.	240	250	10	537	0.09	.004	L.005	843	0.03	.004		
			Several fractures have dark black (often sheared) earthy coatings.	250	260	10	538	0.20	L.003	L.005	844	0.12	.003		
			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.003		
			coated with chalcocite. Traces of chalcocite rimming pyrite along	280	290	10	541	0.10	L.003	L.005	846	0.07	.004		
			fractures at 256 and 259.	290	300	10	542	0.09	L.003	L.005	847	0.07	.003		
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	.003		
			occurring at all angles to core axis. Sericitized-clay altered	310	320	10	544	0.02	L.003	L.005	849	0.05	.003		
			rhyodacite porphyry. 1-2% pyrite, often thinly coated with chalcocite.	320	330	10	545	0.12	L.003	L.005	850	0.09	.003		
			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	.003		
			composition). A few phenocrysts of unaltered plagioclase in	340	350	10	547	0.03	.019		852	0.04	.007		

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. CD-9
 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	.031	0.005		853	0.05	.010
333.8	373	95	Good recovery, soft altered core. White rhyodacite porphyry.	360	370	10	549	0.01	.026	0.005		854	0.04	.016
			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, thin coatings of chalcocite rimming pyrite. Minor specks of malachite.											
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	.031	0.005		855	0.13	.013
				380	390	10	556	0.25	.024	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	.023	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	.005	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	0.003	0.005		861	0.02	0.003
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	0.003					

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-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 (MoS ₂ ?). From 482-483 brecciated section filled with massive pyrite.	450	460	10	563	0.04	.004					
				460	470	10	564	0.02	.004	L0.005		862	0.03	.004
				470	480	10	565	0.01	.012			863	0.01	.007
489	508	85	Sericite altered rhyodacite porphyry. Finely disseminated pyrite 1-3%. Sericite replaces phenocrysts and some of matrix. No mafics.	480	490	10	566	0.01	.011			864	0.01	.010
				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 pyrite and chalcocite.	500	510	10	568	0.01	.012			866	0.01	.003
				510	520	10	569	0.01	.010					
509	548	75	Intensely altered porphyry. Silicates completely replaced by sericite. Finely disseminated pyrite 2%. A few specks of chalcocite.	520	530	10	570	0.02	.018	L0.005				
				530	540	10	571	0.01	.026					
548	555	75	Highly broken section, pebble size, clay sericite altered fragments. Minor pyrite.	540	550	10	572	0.01	.027					
				550	560	10	573	0.02	.036	L0.005				
555	569	90	Quartz-sericite-pyrite altered porphyry. 2-3% disseminated pyrite and trace of chalcopyrite.	560	570	10	574	0.02	.014					
				570	580	10	575	0.03	.009					
569	585	90	Altered porphyry as above. Traces of chalcopyrite, and chalcocite skins on pyrite. 2% pyrite.	580	590	10	826	0.01	.005	L0.005				
585	588	98	Lamprophyre dike. Dark green-black slightly porphyritic (plagioclase), dense, fine grain matrix. Traces of biotite and pyrite. Unaltered.	590	600	10	827	0.02	.010					
				600	610	10	828	0.02	.010					
588	615	90	4"-6" sections of altered porphyry. Intensity of alteration decreasing. Mainly clay replacing feldspars. 1-2% finely disseminated anhedral pyrite, trace of chalcopyrite.	610	620	10	829	0.03	.006	L0.005				
				620	630	10	830	0.04	.004					
				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 ≈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 ≈ 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		
		FOOTAGE	AZIMUTH	DIP
NORTH	236N	600	Vertical	
EAST	230W			
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	L.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	L.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	L.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	L.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	L.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. CD-10
 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 chalcopyrite 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 chalcopyrite.	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-porphyritic chilled margin. Regularly disseminated	320	330	10	913	0.01	L.003	
			anhedral pyrite (1%). Trace of chalcopyrite. 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. CD-10
 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%	370	380	10	918	10.01	L.003	L0.005
			disseminated pyrite. At 398 sheared pyrite filling at contact with	380	390	10	919	10.01	L.003	
			granodiorite.	390	400	10	920	10.01	L.003	
407	496	98	Moderately argillized granodiorite, some sericite. Disseminated	400	410	10	921	10.01	L.003	L0.005
			pyrite and minor fracture fillings. Massive pyrite, anhydrite fills	410	420	10	922	10.01	L.003	
			fractures at 456 (10° to core axis) and 453, 455. Good recovery long	420	430	10	923	0.01	L.003	
			sections of core.	430	440	10	924	0.01	L.003	L0.005
496	501	80	Blackish-grey clay shear zone.	440	450	10	925	10.01	L.003	
501	543	98	Moderately clay altered, medium grained granodiorite. 1-2%	450	460	10	926	10.01	L.003	
			disseminated pyrite.	460	470	10	927	0.03	L.003	L0.005
543	551	90	Shear zone. Blackish-grey clay shear surfaces on fragmented	470	480	10	928	0.01	L.003	
			granodiorite.	480	490	10	929	10.01	L.003	
551	553	98	Granodiorite, medium-coarse grained. Moderately clay altered	490	500	10	930	10.01	L.003	L0.005
			with minor sericite. No mafics. 1% pyrite.	500	510	10	931	0.01	L.003	
553	568	90	Highly broken core, 1" to pebble size fragments. Highly clay	510	520	10	932	10.01	L.003	
			altered fault zone. Minor pyrite and anhydrite.	520	530	10	933	0.01	L.003	L0.005
568	600	98	Moderately clay altered rhyodacitic, feldspar porphyry. 1%	530	540	10	934	0.01	L.003	
			disseminated pyrite. Small feldspar grains clay altered. Aphanitic	540	550	10	935	0.01	L.003	
			light cream matrix.	550	560	10	936	10.01	L.003	L0.005
				560	570	10	937	10.01	L.003	
				570	580	10	938	10.01	L.003	

N. B.

Diamond Drill Record

PAGE 1 OF 4

COLLAR: Mount Nansen Grid		HOLE SURVEY		
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:		

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

HOLE NO. CD-11
 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							
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							

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-11</u>
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

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-13</u>
CLAIM NAME <u>Dome 69</u>
COMMENCED _____
FINISHED _____
PROJECT NO. <u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS				Sludge				
				FROM	TO	WIDTH	NO.	Cu	Mo	Au		No.	Cu	Mo		
			molybdenite.													
130	156	75%	Broken core, 1-2" sections. Typically 1-2 foot runs.	130	140	10	11030	0.100	0.003	0.005		10111	0.090	0.011		
			Quartz-diorite, medium grained, altered greyish white.	140	150	10	11031	0.090	0.004			10112	0.080	0.019		
			Silicates altered to clay and minor sericite. Minor grey quartz fracture fillings associated with minor molybdenite and trace of chalcopyrite. Quartz fillings cut core axis commonly at 30-60°.													
156	220	70%	Highly broken section. Grey clay, sand and pebble fragments of quartz-diorite. 2% pyrite.	150	160	10	11032	0.100	0.006	0.005		10113	0.080	0.016		
				160	170	10	11033	0.090	0.002			10114	0.090	0.013		
220	262	90%	2-4" sections of core. Fine-medium grained quartz-diorite. Clay altered with minor sericite, greenish white. Chlorite occurs with pyrite along a few fracture planes. 1% pyrite occurs as disseminations.	170	180	10	11034	0.070	0.003	Tr		10115	0.100	0.011		
				180	190	10	11035	0.080	0.002			10116	0.090	0.008		
				190	200	10	11036	0.090	0.002	0.005		10117	0.100	0.004		
				200	210	10	11037	0.080	0.001			10118	0.110	0.004		
				210	220	10	11038	0.120	0.007	0.005		10119	0.110	0.010		
262	273	95%	Good recovery, 1' sections of core. Siliceous cream-grey feldspar porphyry. Phenocrysts of slightly clay altered white feldspar are anhedral (resorbed?) and make up ≈ 15% of rock. Pyrite occurs as small	220	230	10	11039	0.100	0.017			10120	0.110	0.023		
				230	240	10	11040	0.070	0.002	Tr		10121	0.080	0.012		
				240	250	10	11041	0.110	0.002			10122	0.110	0.002		
				250	260	10	11042	0.130	0.007	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-13</u>
CLAIM NAME <u>Dome 69</u>
COMMENCED _____
FINISHED _____
PROJECT NO. <u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS			Sludge	
				FROM	TO	WIDTH	NO.	Cu	Mo	Au	No.	
			disseminated clusters. (<1%). Feldspar porphyry	260	270	10	11043	0.090	0.002			
			dyke is cut by numerous pinkish feldspathic veinlets									
			(secondary K-spar?) especially near contacts. Contact									
			at 262' is 45° to core axis. Lower contact broken.									
			Minor molybdenite in feldspathic veinlets.									
273	283	75%	Broken core. Greenish-grey clay (kaolin) altered quartz-	270	280	10	11044	0.100	0.002	Tr		
			diorite. Minor pyrite.	280	290	10	11045	0.080	0.004			
283	317	60%	Extremely broken section. Clay, sand and pebble size	290	300	10	11046	0.070	0.005	Tr		
			fragments of quartz-diorite? 2% pyrite.	300	310	10	11047	0.090	0.019			
				310	320	10	11048	0.080	0.002	0.01		
317	334	95%	4-6" pieces of moderately clay altered quartz-diorite.	320	330	10	11049	0.070	0.003			
			1% pyrite.									
334	340	70%	Feldspar porphyry. White, slightly clay altered anhedral	330	340	10	11050	0.070	0.004	0.005		
			phenocrysts of feldspar in highly siliceous micro-									
			crystalline matrix. <1% finely disseminated pyrite.									
			Both contacts broken.									
340	361.4	80%	Quartz-diorite. Minor disseminated pyrite. Highly clay,	340	350	10	11051	0.150	0.002			

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-13</u>
CLAIM NAME <u>Dome 69</u>
COMMENCED _____
FINISHED _____
PROJECT NO. <u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS			Sludge		
				FROM	TO	WIDTH	NO.	Cu	Mo	Au	No.		
			minor sericite altered. A few pinkish feldspathic veinlets cut the diorite at all angles as does grey quartz fracture fillings. Minor molybdenite.	350	360	10	11052	0.180	0.0020	0.005			
361.4	372	60%	Feldspar porphyry. Small phenocrysts of white feldspar are anhedral-subhedral, moderately clay altered. Siliceous matrix. 1% pyrite as fine disseminations and fracture coatings. Sharp contacts (slightly chilled) 45° to core axis at top, 60° to core axis at bottom.	360	370	10	11053	0.080	0.010				
372	377.6	85%	Quartz diorite. Moderately clay altered to greyish white colour. <1% disseminated pyrite.	370	380	10	11054	0.080	0.002	Tr			
377.6	381	90%	Siliceous feldspar porphyry. Small resorbed, clay altered phenocrysts. Trace molybdenite.										
381	396	95%	Silicified clay (kaolin) altered quartz diorite. Medium grained, minor disseminated pyrite.	380	390	10	11055	0.070	0.002				
396	427	90%	6" sections of core. Quartz-diorite, silicified and	390	400	10	11056	0.110	0.0190	0.005			

Diamond Drill Record

COLLAR:		HOLE SURVEY		
NORTH <u>288N</u>	FOOTAGE	AZIMUTH	DIP	
EAST <u>220W</u>	<u>502'</u>	<u>Vertical</u>		
ELEVATION <u>3,740 ASL</u>				
LOGGED BY <u>R. Dickinson</u>				
DATE LOGGED <u>10/10/72</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 Ltd.
 ASSAYER Bondar-Clegg & Co. Ltd.
 PURPOSE OF HOLE To test copper soil anomaly, rim of I.P. metal factor halo

HOLE NO.	<u>CD-14</u>
CLAIM NAME	<u>Betty 29</u>
COMMENCED	<u>Oct. 7, 1972</u>
FINISHED	<u>Oct. 11, 1972</u>
PROJECT NO.	<u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS				
				FROM	TO	WIDTH	NO.	Cu	Mo	Au		
			BW casing to 100'									
0	100	0	Overburden									
100	145	98%	Good recovery. 6" sections of core common. Silicified breccia. Sub-angular fragments of quartz rich grano-diorite (adamellite) and lesser quartz feldspar porphyry. Fragments make up \approx 70% of rock and commonly of pebble-cobble size. Matrix is grey highly siliceous rock flour?, microcrystalline. Silicates are strongly argillized (Kaolin), no mafics remain although there is a trace of chlorite. Fragments have thin white cooked rims. Section shows evidence for at least two generations of primary sulphide deposition. Some fragments have thin pyrite fracture fillings which are cut by matrix. Disseminated pyrite occurs (1-4%) throughout rock. Rare chalcocite-covellite thinly coats pyrite at 102, 104, 108, 109. Black manganese? looking films occur on fracture planes to 126.	100	110	10	11069	0.030	0.001			
				110	120	10	11070	0.030	0.001	0.005		
				120	130	10	11071	0.050	0.001			
				130	140	10	11072	0.020	0.001	Tr		
				140	150	10	11073	0.020	0.001			

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-14</u>
CLAIM NAME <u>Betty 29</u>
COMMENCED _____
FINISHED _____
PROJECT NO. <u>461</u>

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu	Mo	Au			
283	292	90%	Broken core, 2-3" sections common. Moderately argillized porphyry breccia. Clay coats fractures. 1% pyrite.	280	290	10	11087	0.02	0.001				
292	312	99%	Excellent recovery. Porphyry breccia. Sub-angular fragments completely porphyritic and strongly welded into matrix so outlines can just be vaguely determined. Matrix mostly microcrystalline grey quartz, 1-2% disseminated pyrite, rare chalcopyrite. <.5% dark black specks associated with chalcopyrite and as fine disseminations (magnetite?).	290	300	10	11088	0.01	0.001	Tr			
				300	310	10	11089	0.01	0.001				
312	333	98%	Good recovery, 6" sections of core. Silicified breccia grading to sections of quartz-feldspar porphyry. Erratic intensity of clay alteration. Sericite on several fracture planes. Pyrite, 1%.	310	320	10	11090	0.02	0.001	0.005			
				320	330	10	11091	0.03	0.001				
333	370	99%	Excellent recovery, 1' sections common breaking along mild fracturing. Silicified pebble-cobble breccia. Strong silicification and alteration of rounded fragments make fragments just visible. Fragments are quartz-feldspar porphyry. Matrix is mainly cream-grey	330	340	10	11092	0.01	0.001	0.005			
				340	350	10	11093	0.03	0.001				
				350	360	10	11094	0.04	0.001	Tr			
				360	370	10	11095	0.04	0.002				

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. CD-14
 CLAIM NAME Betty 29
 COMMENCED _____
 FINISHED _____
 PROJECT NO. 461

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS							
				FROM	TO	WIDTH	NO.	Cu	Mo	Au					
			quartz and minor rock flour. Pyrite (2-3%) is disseminated throughout rock but commonly found replacing rock fragments. Small amounts of dark grey black mineralization (magnetite?) commonly borders pyrite clusters. Some fragments are hematite stained. Trace of galena on fracture at 361'.												
370	376	95%	Highly broken section, 1" to pebble size fragments of pebble breccia as above.	370	380	10	11096	0.020	0.001	Tr					
376	443	98%	Excellent recovery, 1-2' sections of core. Strongly silicified pebble breccia. Visible fragments make up 50% of rock. Fragments are quartz-feldspar porphyry often hematite stained. A 1/4" veinlet of sphalerite, galena, pyrite, quartz cuts core axis at 80° at 377.8'.	380	390	10	11097	0.020	0.001						
				390	400	10	11098	0.010	0.001	Tr					
				400	410	10	11099	0.010	0.001						
				410	420	10	11100	0.01		Tr	Tr				
443	446	95%	Highly broken section, 1"-pebble size fragments. Silicified breccia. Pyrite 1%.	420	430	10	10101	0.010	0.001						
				430	440	10	10102	0.020	0.001	0.005					
				440	450	10	10103	0.010	0.001						
446	502	99%	Excellent recover, 1-2' sections of core. Pebble breccia. Highly siliceous, medium grey, micro-	450	460	10	10104	0.010	0.001	Tr					
				460	470	10	10105	0.020	0.001						

Diamond Drill Record

COLLAR:		HOLE SURVEY		
NORTH <u>206N</u>	FOOTAGE	AZIMUTH	DIP	
EAST <u>165W</u>	0		-90	
ELEVATION <u>4360'</u>	to			
LOGGED BY <u>P. F. Lewis</u>	693			
DATE LOGGED <u>Sept/73</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 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	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.	Cu%	Mo%				
		90-100%	unless otherwise indicated										
0	32		NW casing										
0	40		BW casing										
0	35		Overburden										
35	55		Quartz-feldspar porphyry. Cream clay psuedomorphs (1/10")	35	40	5	9851	0.01	0.002				
			after feldspar in a light grey silicified groundmass. Rare	40	50	10	9852	0.02	0.002				
			rounded quartz eyes and cream clay zenoliths (1/2").	50	60	10	9853	0.04	0.011				
			Clay alteration along fractures, no vugs or oxide.										
			35-49 - no sulphides, minor sericite										
			49-55 - fine disseminated sulphides and abundant sericite.										
			Zoned psuedomorphs indicate original feldspar was plagioclase in part at least. Relatively phenocryst poor - may be a chilled margin.										
55	186		Granitic intrusive. Medium-coarse grained, approx. 30% quartz	60	70	10	9854	0.07	0.013				
			in a kaolinitic matrix after feldspar. Minor coarse sericite.	70	80	10	9855	0.10	0.019				
			Silicification and silica veining with associated molybdenite	80	90	10	9856	0.11	0.016				
			mineralization. Approx. 2% pyrite, some with black	90	100	10	9857	0.14	0.007				
			(manganiferous?) coating. Trace chalcopyrite. Molybdenite	100	110	10	9858	0.14	0.020				
			occurs as a fine dusting in silica blebs or as a coarser core	110	120	10	9859	0.07	0.021				
			in silica veins, e.g., at 75.6, 78-80, 113, 114-115 (veins),	120	130	10	9860	0.05	0.064				
			115-119 (disseminated blebs), 119-130 (abundant veins	130	140	10	9861	0.14	0.025				

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	RECOVY	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				

DIAMOND DRILLING LOGISTICS, MT. NANSEN, 1972

APPENDIX 2

DDH HOLE NO.	COLLAR	CLAIM	DIP AND AZIMUTH	ROD FOOTAGE	C A S I N G				WATERLINE	COMMENCED	FINISHED
					N W		B W				
					DRILLED	LOST	DRILLED	LOST			
CD-3	304+30N 227W	Betty 31	Vert.	500	50	50	90	90	1,700	June 13/72	June 17/72
CD-4	224N 195W	Dome 59	Vert.	600	50	50	50	50	500	June 18/72	June 22/72
CD-5	190N 198W	Dome 58 & 43	Vert.	600	57	2	225	-	3,100	June 23/72	July 2/72
CD-6	199+50N 200W	Dome 58, GS 7 FR	Vert.	612	20	20	40	40	1,700	July 3/72	July 6/72
CD-7	204N 195W	GS 7 FR	Vert.	500	-	-	50	50	1,700	July 7/72	July 10/72
CD-8	180N 190W	Dome 43	Vert.	850	-	-	30	30	4,000	July 11/72	July 16/72
CD-9	224N 184W	Dome 59	Vert.	900	18	18	415	-	1,700	July 17/72	July 27/72
CD-10	236N 230W	Dome 66	Vert.	600	-	-	25	25	4,000	July 29/72	Aug. 1/72
CD-11	7200S 1500W	Jeff 7	-050/45	400	-	-	60	-	400	Aug. 3/72	Aug. 6/72
CD-12	7200S 400W	Jeff 7	-050/45	400	-	-	90	90	1,100	Aug. 7/72	Aug. 9/72
CD-13 \$ 9,000	240N 202W	Dome 69	Vert.	520	88	-	254	90	800	Sept. 22/72	Oct. 5/72
CD-14 \$ 8,662	288N 220W	Betty 29	Vert.	502 6,984	-	-	100	-	300	Oct. 7/72	Oct. 11/72

DIAMOND DRILLING LOGISTICS, MT. NANSEN, 1972

APPENDIX 2

DDH HOLE NO.	COLLAR	CLAIM	DIP AND AZIMUTH	ROD FOOTAGE	C A S I N G				WATERLINE	COMMENCED	FINISHED
					N W		B W				
					DRILLED	LOST	DRILLED	LOST			
CD-3	304+30N 227W	Betty 31	Vert.	500	50	50	90	90	1,700	June 13/72	June 17/72
CD-4	224N 195W	Dome 59	Vert.	600	50	50	50	50	500	June 18/72	June 22/72
CD-5	190N 198W	Dome 58 & 43	Vert.	600	57	2	225	-	3,100	June 23/72	July 2/72
CD-6	199+50N 200W	Dome 58, GS 7 FR	Vert.	612	20	20	40	40	1,700	July 3/72	July 6/72
CD-7	204N 195W	GS 7 FR	Vert.	500	-	-	50	50	1,700	July 7/72	July 10/72
CD-8	180N 190W	Dome 43	Vert.	850	-	-	30	30	4,000	July 11/72	July 16/72
CD-9	224N 184W	Dome 59	Vert.	900	18	18	415	-	1,700	July 17/72	July 27/72
CD-10	236N 230W	Dome 66	Vert.	600	-	-	25	25	4,000	July 29/72	Aug. 1/72
CD-11	7200S 1500W	Jeff 7	-050/45	400	-	-	60	-	400	Aug. 3/72	Aug. 6/72
CD-12	7200S 400W	Jeff 7	-050/45	400	-	-	90	90	1,100	Aug. 7/72	Aug. 9/72
CD-13	240N 202W	Dome 69	Vert.	520	88	-	254	90	800	Sept. 22/72	Oct. 5/72
CD-14	288N 220W	Betty 29	Vert.	502	-	-	100	-	300	Oct. 7/72	Oct. 11/72
				6,984							

DIAMOND DRILLING LOGISTICS, MT. NANSEN, 1972

APPENDIX 2

DDH HOLE NO.	COLLAR	CLAIM	DIP AND AZIMUTH	ROD FOOTAGE	C A S I N G				WATERLINE	COMMENCED	FINISHED
					N W DRILLED	LOST	B W DRILLED	LOST			
CD-3	304+30N 227W	Betty 31	Vert.	500	50	50	90	90	1,700	June 13/72	June 17/72
CD-4	224N 195W	Dome 59	Vert.	600	50	50	50	50	500	June 18/72	June 22/72
CD-5	190N 198W	Dome 58 & 43	Vert.	600	57	2	225	-	3,100	June 23/72	July 2/72
CD-6	199+50N 200W	Dome 58, GS 7 FR	Vert.	612	20	20	40	40	1,700	July 3/72	July 6/72
CD-7	204N 195W	GS 7 FR	Vert.	500	-	-	50	50	1,700	July 7/72	July 10/72
CD-8	180N 190W	Dome 43	Vert.	850	-	-	30	30	4,000	July 11/72	July 16/72
CD-9	224N 184W	Dome 59	Vert.	900	18	18	415	-	1,700	July 17/72	July 27/72
CD-10	236N 230W	Dome 66	Vert.	600	-	-	25	25	4,000	July 29/72	Aug. 1/72
CD-11	7200S 1500W	Jeff 7	-050/45	400	-	-	60	-	400	Aug. 3/72	Aug. 6/72
CD-12	7200S 400W	Jeff 7	-050/45	400	-	-	90	90	1,100	Aug. 7/72	Aug. 9/72
CD-13	240N 202W	Dome 69	Vert.	520	88	-	254	90	800	Sept. 22/72	Oct. 5/72
CD-14	288N 220W	Betty 29	Vert.	502 6,984	-	-	100	-	300	Oct. 7/72	Oct. 11/72

DDH HOLE NO.	COLLAR	CLAIM	INCLINATION	ROD FOOTAGE	C A S I N G		WATERLINE	D A T E S	
					NW	BW		COMMENCED	FINISHED
CD-3	304+30N 227W	Betty 31	Vert.	500	50	90	1,700	Day Shift June 13/72	Night Shift June 17/72
CD-4	224N 195W	Dome 59	Vert.	600	50	50	500	Night Shift June 18/72	Night Shift June 22/72
CD-5	190N 198W	Boundary Dome 58 & Dome 43	Vert.	600	2	0	3,100	Night Shift June 23/72	Night Shift July 2/72
CD-6	199+50N 200W	Dome 58	Vert.	612	20	40	1,700	Day Shift July 3/72	Night Shift July 6/72
CD-7	204N 195W	6S 7F	Vert.	500	0	50	1,700	Day Shift July 7/72	Night Shift July 10/72
CD-8	180N 190W	Dome 43	Vert.	850	0	30	2 Pumps 4,000	July 11/72	Night Shift July 16/72
CD-9	224N 184W	Dome 59	Vert.	900	18		1,700	Night Shift July 17/72	Night Shift July 27/72
CD-10	236N 230W	Dome 66	Vert.	600	0	25	2 Pumps 4,000	Day Shift July 29/72	Night Shift Aug. 1/72
CD-11	7200S 1500W	JEFF 7	-050	400	0		400	Aug. 3/72	Aug. 6/72
CD-12	7200S 400W	JEFF 7	-050	400	0	Left 90 in hole	1,100	Aug. 7/72	Aug. 9/72
MOUNT NANSEN DRILLING				5400					

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au					P.O.
4201	(461-72-1) CD-3	86- 90	0.07	L.003						
4202		90-100	0.05	L.003	L0.005					
4203		100-110	0.06	L.003						
4204		110-120	0.03	L.003						
4205		120-130	0.03	L.003	L0.005					
4206		130-140	0.02	L.003						
4207		140-150	0.02	L.003						
4208		150-160	0.04	L.003	L0.005					
4209		160-170	0.05	L.003						
4210		170-180	0.03	L.003						
4211		180-190	0.03	L.003	L0.005					
4212		190-200	0.05	0.004						
4213		200-210	0.02	L.003						
4214		210-220	0.03	L.003	L0.005					
4215		220-230	0.04	L.003						
4216		230-240	0.03	L.003						
4217		240-250	0.08	L.003	L0.005					
4218		250-260	0.03	L.003						
4219		260-270	0.02	L.003						
4220		270-280	0.02	L.003	L0.005					
4221		280-290	0.04	L.003						
4222		290-300	0.02	L.003						
4223		300-310	0.03	L.003	L0.005					
4224		310-320	0.01	L.003						
4225		320-330	0.09	L.003	L0.005					
4226		330-340	0.01	L.003	L0.005					
4227		340-350	0.01	L.003						
4228		350-360	0.02	L.003						
4229	360-370	0.03	L.003	L0.005						
4230	370-380	0.02	L.003							
4231	380-390	0.01	L.003							
4232	390-400	0.02	L.003	L0.005						
4233	400-410	0.01	L.003							
4234	410-420	0.01	L.003							
4235	420-430	L.01	L.003	L0.005						
4236	430-440	0.03	L.003							
4237	440-450	0.05	L.003							
4238	450-460	0.08	L.003	L0.005						

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au			Cu	Mo		P.O.
100	CD-4	50- 60	0.04	0.030	0.003			0.05	0.025		
101		60- 70	0.05	0.066	L0.005			0.06	0.054		
102		70- 80	0.12	0.018	L0.005			0.13	0.018		
103		80- 90	0.22	0.019	0.006			0.22	0.019		
104		90-100	0.21	0.015	0.005			0.22	0.016		
105		100-110	0.11	0.015	0.005			0.13	0.016		
106		110-120	0.08	0.010	L0.005			0.09	0.009		
107		120-130	0.14	0.011	0.005			0.15	0.009		
108		130-140	0.16	0.014	0.005			0.20	0.013		
109		140-150	0.14	0.029	0.005			0.15	0.026		
110		150-160	0.20	0.069	0.005			0.23	0.065		
111		160-170	0.08	0.017	0.005			0.10	0.015		
112		170-180	0.05	0.012	0.005			0.05	0.011		
113	Sludge	147-159	0.53	0.041	0.013			0.53	0.040		
114	Sludge	159-170	0.43	0.015	0.017			0.46	0.014		
115	Sludge	170-180	0.23	0.023	0.005			0.20	0.021		
116	Sludge	180-190	0.16	0.022	0.005			0.16	0.024		
117	Sludge	190-200	0.12	0.039	0.005			0.13	0.036		
118	Sludge	200-210	0.18	0.045	0.005			0.17	0.045		
119	Sludge	210-220	0.18	0.040	0.005			0.18	0.042		
120		180-190	0.06	0.013							
121		190-200	0.07	0.019							
122		200-210	0.07	0.025	L0.005						
123		210-220	0.05	0.022							
124		220-230	0.05	0.012							
125		230-240	0.05	0.007	L0.005						
126		240-250	0.06	0.017							
127		250-260	0.06	0.016	L0.005						
128		260-270	0.08	0.018							
129		270-280	0.06	0.016	L0.005						
130		280-290	0.06	0.030							
131		290-300	0.08	0.017							
132		300-310	0.10	0.023	0.005						
133		310-320	0.13	0.010	0.005						
134		320-330	0.08	0.016							
135		330-340	0.05	0.020	L0.005						
136		340-350	0.05	0.019							
137		350-360	0.04	0.012							

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au					P.O.
138	CD-4	360-370	0.05	0.020	LO.005					
139		370-380	0.06	0.020						
140		380-390	0.01	LO.003						
141		390-400	0.07	0.011	LO.005					
142		400-410	0.05	0.013						
143		410-420	0.04	0.007						
144		420-430	0.01	LO.003	LO.005					
145		430-440	0.02	LO.003						
146		440-450	0.02	LO.003						
147		450-460	0.02	0.013	LO.005					
148		460-470	0.12	0.018						
149		470-480	0.08	0.017	0.005					
150		480-490	0.10	0.030						
151		490-500	0.14	0.013						
152		500-510	0.11	0.015	0.005					
153		510-520	0.09	0.017						
154		520-530	0.03	0.016						
155		530-540	0.04	0.019	LO.005					
156		540-550	0.04	0.011						
157		550-560	0.02	0.026						
158		560-570	0.02	0.006	LO.005					
159		570-580	0.06	0.020						
160		580-590	0.07	0.014						
161		590-600	0.05	0.019	LO.005					

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au					P.O.
162	CD-5	19- 30	L0.01	L0.003	L0.005					
163		30- 40	0.01	L0.003						
164		40- 50	0.01	L0.003						
165		50- 60	0.01	L0.003	L0.005					
166		60- 70	L0.01	L0.003						
167		70- 80	0.01	L0.003						
168		80- 90	0.01	L0.003	0.005					
169		90-100	0.01	L0.003						
170		100-110	0.01	L0.003						
171		110-120	0.01	L0.003	L0.005					
172		120-130	0.01	L0.003						
173		130-140	L0.01	L0.003						
174		140-150	0.01	L0.003	L0.005					
175		150-155	0.01	L0.003						
176		155-160	0.01	L0.003						
177	Sludge	150-160	0.01	L0.003						
178	"	160-170	0.01	L0.003						
179	"	170-180	0.02	L0.003						
180	"	180-190	0.01	L0.003						
181	"	190-200	0.01	L0.003	L0.005					
182	"	200-210	0.01	L0.003						
183	"	210-220	0.01	L0.003						
184		160-170	0.01	L0.003	L0.005					
185		170-180	0.02	L0.003						
186		180-190	0.01	L0.003						
187		190-200								
188		200-210								
189		210-220	L0.01	L0.003	L0.005					
190		220-230	L0.01	L0.003						
191		230-240	0.01	L0.003						
192		240-250	0.01	L0.003	L0.005					
193		250-260	0.01	L0.003						
194		260-270	0.01	L0.003						
195		270-280	0.01	L0.003	L0.005					
196		280-290	0.01	L0.003						
197		290-300	0.01	L0.003						
198		300-310	0.02	L0.003	0.005					
199		310-320	0.02	L0.003						
200		320-330	0.01	L0.003						

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au					P.O.
201	CD-5	330-340	0.01	L0.003	L0.005					
202		340-350	0.02	L0.003						
203		350-360	0.01	L0.003						
204		360-370	0.01	L0.003	L0.005					
205		370-380	0.01	L0.003						
206		380-390	L0.01	L0.003						
207		390-400	0.01	L0.003	L0.005					
208		400-410	L0.01	L0.003						
209		410-420	L0.01	L0.003						
210		420-430	0.01	L0.003	L0.005					
211		430-440	0.01	L0.003						
212		440-450	0.01	L0.003						
213		450-460	L0.01	L0.003	L0.005					
214		460-470	L0.01	L0.003						
215		470-480	L0.01	L0.003						
216		480-490	L0.01	L0.003	L0.005					
217		490-500	L0.01	L0.003						
218		500-510	0.01	L0.003						
219		510-520	0.01	L0.003	L0.005					
220		520-530	0.01	L0.003						
221		530-540	0.01	L0.003						
222		540-550	0.01	L0.003	L0.005					
223		550-560	0.02	L0.003						
224		560-570	0.04	L0.003						
225		570-580	0.02	L0.003	L0.005					
226		580-590	0.02	L0.003						
227		590-600	0.02	L0.003	L0.005					

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au					P.O.
228	CD-6	20- 30	L0.01	L0.003	0.005					
229		30- 40	L0.01	L0.003	0.01					
230		40- 50	0.01	L0.003	0.005					
231		50- 60	0.01	L0.003	Trace					
232		60- 70	0.01	L0.003	0.05					
233		70- 80	0.01	L0.003	0.02					
234		80- 90	0.01	L0.003	Trace					
235		90-100	L0.01	L0.003	0.005					
236		100-110	L0.01	L0.003	0.005					
237		110-120	L0.01	L0.003	0.005					
238		120-130	L0.01	L0.003	0.005					
239		130-140	L0.01	L0.003	0.005					
240		140-150	0.01	L0.003	0.01					
241		150-160	0.02	L0.003	0.02					
242		160-170	0.02	L0.003	0.02					
243		170-180	0.01	L0.003	0.005					
244		180-190	0.01	L0.003	0.005					
245		190-200	0.01	L0.003	0.005					
246		200-210	0.01	L0.003						
247		210-220	0.01	L0.003						
248		220-230	0.01	L0.003	L0.005					
249		230-240	0.01	L0.003						
250		240-250	L0.01	L0.003						
251		250-260	0.01	L0.003	L0.005					
252		260-270	0.02	L0.003						
253		270-280	0.01	L0.003						
254		280-290	0.01	L0.003	L0.005					
255		290-300	0.01	L0.003						
256		300-310	0.01	L0.003						
257		310-320	0.01	L0.003	L0.005					
258		320-330	L0.01	L0.003						
259		330-340	L0.01	L0.003						
260		340-350	0.02	L0.003	L0.005					
261		350-360	0.01	L0.003	L0.005					
262		360-370	0.02	L0.003						
263		370-380	0.02	L0.003						
264		380-390	0.01	L0.003	L0.005					
265		390-400	0.01	L0.003						
266		400-410	0.01	L0.003						

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au						P.O.
267	CD-6	410-420	0.01	LO.003	LO.005						
268		420-430	0.01	LO.003							
269		430-440	0.01	LO.003							
270		440-450	0.06	LO.003	0.005						
271		450-460	0.04	LO.003							
272		460-470	0.03	LO.003	LO.005						
273		470-480	LO.01	LO.003							
274		480-490	0.01	LO.003							
275		490-500	0.02	LO.003	0.005						
276		500-510	0.01	LO.003							
277		510-520	0.02	LO.003							
278		520-530	0.02	LO.003	LO.005						
279		530-540	0.02	LO.003							
280		540-550	0.01	LO.003							
281		550-560	0.06	LO.003	0.005						
282		560-570	0.01	LO.003							
283		570-580	0.02	LO.003							
284		580-590	0.01	LO.003	LO.005						
285		590-600	0.01	LO.003							
286		600-612	0.01	LO.003	LO.005						

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au						P.O.
287	CD-7	21- 30	0.02	L0.003	L0.005						
288		30- 40	0.02	L0.003							
289		40- 50	0.01	L0.003							
290		50- 60	0.02	L0.003	L0.005						
291		60- 70	0.02	L0.003							
292		70- 80	0.02	L0.003							
293		80- 90	0.03	L0.003	L0.005						
294		90-100	0.03	L0.003							
295		100-110	0.03	L0.003							
296		110-120	0.03	L0.003	L0.005						
297		120-130	0.03	L0.003							
298		130-140	0.03	L0.003							
299		140-160	0.02	L0.003	L0.005						
300		160-170	0.02	L0.003							
301		170-180	0.02	L0.003	L0.005						
302		180-190	0.03	L0.003							
303		190-200	0.02	L0.003							
304		200-210	0.06	L0.003	L0.005						
305		210-220	0.01	L0.003							
306		220-230	0.02	L0.003							
307		230-240	0.15	L0.003	0.005						
308		240-250	0.03	L0.003							
309		250-260	0.03	L0.003							
310		260-270	0.04	L0.003	L0.005						
311		270-280	0.05	L0.003							
312		280-330	0.02	L0.003							
313		330-340	0.01	L0.003							
314		340-350	0.02	L0.003	L0.005						
315		350-360	0.04	L0.003							
316		360-370	0.04	L0.003							
317		370-380	0.03	L0.003	L0.005						
318		380-390	0.03	L0.003							
319		390-400	0.03	L0.003	L0.005						
320		400-410	0.03	L0.003							
321		410-420	0.02	L0.003							
322		420-430	0.02	L0.003	L0.005						
323		430-440	0.01	L0.003							
324		440-450	0.04	L0.003							
325		450-460	0.03	L0.003	L0.005						

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au			Cu		P.O.
326	CD-7	460-470	0.02	L0.003						
327		470-480	L0.01	L0.003						
328		480-490	0.01	L0.003	L0.005					
329		490-500	0.02	L0.003						
551	Sludge	140-150	0.02	L0.003	0.005			0.01		
552		150-160	0.02	L0.003				0.02		
553		300-310	0.02	L0.003				0.02		
554		310-320	0.05	L0.003	0.005			0.05		
555		320-330	0.03	L0.003				0.02		

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au						P.O.
330	CD-8	10- 20	0.02	LO.003	LO.005						
331		20- 30	0.02	LO.003							
332		30- 40	0.02	LO.003							
333		40- 50	0.02	LO.003	LO.005						
334		50- 60	0.02	LO.003							
335		60- 70	0.03	LO.003							
336		70- 80	0.02	LO.003	LO.005						
337		80- 90	0.02	LO.003							
338		90-100	0.03	LO.003							
339		100-110	0.02	LO.003	LO.005						
340		110-120	0.02	LO.003							
341		120-130	0.04	LO.003							
342		130-140	0.05	LO.003	LO.005						
343		140-150	0.03	LO.003							
344		150-160	0.05	LO.003							
345		160-170	0.03	LO.003	LO.005						
346		170-180	0.04	LO.003							
347		180-190	0.05	LO.003							
348		190-200	0.02	LO.003	LO.005						
349		200-210	0.03	LO.003							
350		210-220	0.03	LO.003							
351		220-230	0.01	LO.003	LO.005						
352		230-240	0.02	LO.003							
353		240-250	0.03	LO.003							
354		250-260	0.04	LO.003	LO.005						
355		260-270	0.05	LO.003							
356		270-280	0.04	LO.003							
357		280-290	0.05	LO.003	LO.005						
358		290-300	0.02	LO.003							
359		300-310	0.03	LO.003							
360		310-320	0.06	LO.003	LO.005						
361		320-330	0.03	LO.003							
362		330-340	0.03	LO.003							
363		340-350	0.03	LO.003	LO.005						
364		350-360	0.02	LO.003							
365		360-370	0.02	LO.003							
366		370-380	0.03	LO.003	LO.005						

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au					P.O.
367	CD-8	380-390	0.02	L0.003						
368		390-400	0.02	L0.003						
369		400-410	0.02	L0.003						
370		410-420	0.09	L0.003	0.005					
371		420-430	0.01	L0.003						
372		430-440	0.02	L0.003						
373		440-450	0.01	L0.003	L0.005					
374		450-460	0.02	L0.003	L0.005					
375		460-470	0.02	L0.003						
4351		470-480	0.03	L0.003						
4352		480-490	0.01	L0.003	L0.005					
4353		490-500	0.01	L0.003						
4354		500-510	0.01	L0.003						
4355		510-520	0.02	L0.003	L0.005					
4356		520-530	0.02	L0.003						
4357		530-540	0.01	L0.003						
4358		540-550	0.01	L0.003	L0.005					
4359		550-560	0.01	L0.003						
4360		560-570	0.06	L0.003						
4361		570-580	0.02	L0.003	L0.005					
4362		580-590	0.03	L0.003						
4363		590-600	0.01	L0.003						
4364		600-610	0.01	L0.003	L0.005					
4365		610-620	0.04	L0.003						
4366		620-630	0.04	L0.003						
4367		630-640	0.03	L0.003	L0.005					
4368		640-650	0.04	L0.003						
4369		650-660	0.04	L0.003						
4370		660-670	0.03	L0.003	L0.005					
4371		670-680	0.02	L0.003						
4372		680-690	0.03	L0.003						
4373		690-700	0.02	L0.003	L0.005					
4374		700-710	0.02	L0.003						
4375		710-720	0.03	L0.003						
4376		720-730	0.02	L0.003	L0.005					
4377		730-740	0.02	L0.003						
4378		740-750	0.01	L0.003						
4379		750-760	0.01	L0.003	L0.005					

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au					P.O.
4380	CD-8	760-770	0.02	L0.003						
4381		770-780	0.01	L0.003						
4382		780-790	0.01	L0.003	L0.005					
4383		790-800	0.01	L0.003						
4384		800-810	0.01	L0.003						
4385		810-820	L0.01	L0.003	L0.005					
4386		820-830	L0.01	L0.003						
4387		830-840	0.02	L0.003						
4388		840-850	0.01	L0.003	L0.005					

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au			Cu		P.O.
4389	CD-9	10- 20	0.02	L0.003	L0.005					
4390		20- 30	0.01	L0.003						
4391		30- 40	0.01	L0.003						
4392		40- 50	0.01	L0.003	L0.005					
4393		50- 60	0.01	L0.003						
4394		60- 70	0.01	L0.003						
4395		70- 80	0.02	L0.003	L0.005					
4396		80- 90	0.05	L0.003						
4397		90-100	0.03	L0.003						
4398		100-110	0.04	0.006	L0.005					
4399		110-120	0.02	0.004						
4400		120-130	0.01	0.004						
526		130-140	0.01	0.003	L0.005					
527		140-150	0.01	0.003						
528		150-160	0.01	0.005						
529		160-170	0.07	L0.003	0.005					
530		170-180	0.01	0.008						
531		180-190	0.05	L0.003						
532		190-200	0.04	L0.003	L0.005					
533		200-210	0.05	L0.003						
534		210-220	0.07	L0.003				0.06		
535		220-230	0.05	0.027	L0.005			0.05		
536		230-240	0.05	0.022				0.05		
537		240-250	0.09	0.004	L0.005			0.09		
538		250-260	0.20	L0.003	L0.005			0.20		
539		260-270	0.13	L0.003	L0.005			0.13		
540		270-280	0.12	L0.003	L0.005			0.12		
541		280-290	0.10	L0.003	L0.005			0.10		
542		290-300	0.09	L0.003	L0.005			0.09		
543		300-310	0.08	L0.003	L0.005			0.09		
544		310-320	0.02	L0.003	L0.005			0.02		
545		320-330	0.12	L0.003	L0.005			0.13		
546		330-340	0.03	0.003				0.03		
547		340-350	0.03	0.019				0.03		
548		350-360	0.04	0.031	L0.005			0.04		
549		360-370	0.01	0.026	L0.005			0.01		
550		370-380	0.17	0.031	L0.005			0.17		

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ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au			Cu		P.O.
556	CD-9	380-390	0.25	0.024	LO.005			0.26		
557		390-400	0.15	0.023	LO.005			0.15		
558		400-410	0.08	0.005	LO.005			0.08		
559		410-420	0.09	0.003				0.09		
560		420-430	0.05	0.007				0.05		
561		430-440	0.04	LO.003	LO.005			0.03		
562		440-450	0.02	LO.003				0.02		
563		450-460	0.04	0.004						
564		460-470	0.02	0.004	LO.005					
565		470-480	0.01	0.012						
566		480-490	0.01	0.011						
567		490-500	0.01	0.006	LO.005					
568		500-510	0.01	0.012						
569		510-520	0.01	0.010						
570		520-530	0.02	0.018	LO.005					
571		530-540	0.01	0.026						
572		540-550	0.01	0.027						
573		550-560	0.02	0.036	LO.005					
574		560-570	0.02	0.014						
575		570-580	0.03	0.009						
826		580-590	0.01	0.005	LO.005					
827		590-600	0.02	0.010						
828		600-610	0.02	0.010						
829		610-620	0.03	0.006	LO.005					
830		620-630	0.04	0.004						
831		630-640	0.03	0.008						
832		640-650	0.01	0.008	LO.005					
833		650-660	0.04	0.007						
834		660-670	0.01	0.013						
835		670-680	0.03	0.007	LO.005					
836		680-690	0.01	0.010						
837		690-700	0.01	0.011						
838		700-710	0.01	0.011	LO.005					
839		710-720	0.02	0.007						
840		720-730	0.01	0.013						
841		730-740	0.02	0.008	LO.005					
842		740-750	0.01	LO.003						
843		750-760	0.03	0.004						

SSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au					P.O.
844	CD-9 Sludge	250-260	0.12	0.003						
845		270-280	0.08	LO.003						
846		280-290	0.07	0.004						
847		290-300	0.07	0.003						
848		300-310	0.08	0.003						
849		310-320	0.05	0.003						
850		320-330	0.09	0.003						
851		330-340	0.04	0.003						
852		340-350	0.04	0.007						
853		350-360	0.05	0.010						
854		360-370	0.04	0.016						
855		370-380	0.13	0.013						
856		380-390	0.23	0.010						
857		390-400	0.13	0.006						
858		400-410	0.08	0.005						
859		410-420	0.07	0.006						
860		420-430	0.05	0.004						
861		430-440	0.02	LO.003						
862		460-470	0.03	0.004						
863		470-480	0.01	0.007						
864		480-490	0.01	0.010						
865		490-500	0.01	0.003						
866		500-510	0.01	0.003						
867	Core	750-760	0.01	0.003						
868		760-770	0.01	LO.003	LO.005					
869		770-780	0.01	0.003						
870		780-790	0.01	0.010						
871		790-800	0.01	0.008	LO.005					
872		800-810	0.02	0.022						
873		810-820	0.01	0.005						
874		820-830	0.01	LO.003	LO.005					
875		830-840	0.01	LO.003						
876		840-850	0.01	0.007						
877		850-860	0.03	0.008	LO.005					
878		860-870	0.02	0.003						
879		870-880	0.02	LO.003						
880		880-890	0.03	LO.003	LO.005					
881		890-900	0.01	LO.003						

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au						P.O.
882	CD-10	12- 20	0.04	L0.003	L0.005						
883		20- 30	0.01	L0.003							
884		30- 40	0.01	L0.003							
885		40- 50	0.02	L0.003	L0.005						
886		50- 60	0.02	L0.003							
887		60- 70	0.02	L0.003							
888		70- 80	0.01	L0.003	L0.005						
889		80- 90	0.01	L0.003							
890		90-100	0.01	L0.003							
891		100-110	0.01	L0.003	L0.005						
892		110-120	0.01	L0.003							
893		120-130	0.01	L0.003							
894		130-140	L0.01	L0.003	L0.005						
895		140-150	0.01	L0.003							
896		150-160	0.04	L0.003							
897		160-170	0.01	L0.003	L0.005						
898		170-180	0.01	L0.003							
899		180-190	L0.01	L0.003							
900		190-200	L0.01	L0.003	L0.005						
901		200-210	L0.01	L0.003							
902		210-220	L0.01	L0.003							
903		220-230	L0.01	L0.003	L0.005						
904		230-240	L0.01	L0.003							
905		240-250	L0.01	L0.003							
906		250-260	L0.01	L0.003	L0.005						
907		260-270	0.01	L0.003							
908		270-280	L0.01	L0.003							
909		280-290	L0.01	L0.003	L0.005						
910		290-300	L0.01	L0.003							
911		300-310	L0.01	L0.003							
912		310-320	L0.01	L0.003	L0.005						
913		320-330	L0.01	L0.003							
914		330-340	0.01	L0.003							
915		340-350	0.01	L0.003	L0.005						
916		350-360	L0.01	L0.003							
917		360-370	L0.01	L0.003							
918		370-380	L0.01	L0.003	L0.005						
919		380-390	L0.01	L0.003							
920		390-400	L0.01	L0.003							

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au						P.O.
921	CD-10	400-410	L0.01	L0.003	L0.005						
922		410-420	L0.01	L0.003							
923		420-430	0.01	L0.003							
924		430-440	0.01	L0.003	L0.005						
925		440-450	L0.01	L0.003							
926		450-460	L0.01	L0.003							
927		460-470	0.03	L0.003	L0.005						
928		470-480	0.01	L0.003							
929		480-490	L0.01	L0.003							
930		490-500	L0.01	L0.003	L0.005						
931		500-510	0.01	L0.003							
932		510-520	L0.01	L0.003							
933		520-530	0.01	L0.003	L0.005						
934		530-540	0.01	L0.003							
935		540-550	0.01	L0.003							
936		550-560	L0.01	L0.003	L0.005						
937		560-570	L0.01	L0.003							
938		570-580	L0.01	L0.003							
939		580-590	L0.01	L0.003	L0.005						
940		590-600	L0.01	L0.003							

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ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au					P.O.
11026	CD-13	90-100	0.05	0.002	Tr					
11027		100-110	0.12	0.004						
11028		110-120	0.15	0.006	0.01					
11029		120-130	0.08	0.008						
11030		130-140	0.10	0.003	0.005					
11031		140-150	0.09	0.004						
11032		150-160	0.10	0.006	0.005					
11033		160-170	0.09	0.002						
11034		170-180	0.07	0.003	Tr					
11035		180-190	0.08	0.002						
11036		190-200	0.09	0.002	0.005					
11037		200-210	0.08	0.001						
11038		210-220	0.12	0.007	0.005					
11039		220-230	0.10	0.017						
11040		230-240	0.07	0.002	Tr					
11041		240-250	0.11	0.002						
11042		250-260	0.13	0.007	Tr					
11043		260-270	0.09	0.002						
11044		270-280	0.10	0.002	Tr					
11045		280-290	0.08	0.004						
11046		290-300	0.07	0.005	Tr					
11047		300-310	0.09	0.019						
11048		310-320	0.08	0.002	0.01					
11049		320-330	0.07	0.003						
11050		330-340	0.07	0.004	0.005					
11051		340-350	0.15	0.002						
11052		350-360	0.18	0.002	0.005					
11053		360-370	0.08	0.010						
11054		370-380	0.08	0.002	Tr					
11055		380-390	0.07	0.002						
11056		390-400	0.11	0.019	0.005					
11057		400-410	0.16	0.002						
11058		410-420	0.15	0.019	0.005					
11059		420-430	0.12	0.009						
11060		430-440	0.10	0.010	0.005					
11061		440-450	0.09	0.016						
11062		450-460	0.12	0.007	0.005					
11063		460-470	0.11	0.005						
11064		470-480	0.15	0.004	0.005					

PROJECT NAME:
MOUNT NANSEN

DDH CD-13

Date: October
Month

1972
Year

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au						P.O.
11065	CD-13	480-490	0.07	0.011							
11066		490-500	0.07	0.011	Tr						
11067		500-510	0.10	0.003							
11068		510-520	0.06	0.017	Tr						
10109	Sludge	110-120	0.13	0.006							
10110		120-130	0.12	0.007							
10111		130-140	0.09	0.011							
10112		140-150	0.08	0.019							
10113		150-160	0.08	0.016							
10114		160-170	0.09	0.013							
10115		170-180	0.10	0.011							
10116		180-190	0.09	0.008							
10117		190-200	0.10	0.004							
10118		200-210	0.11	0.004							
10119		210-220	0.11	0.010							
10120		220-230	0.11	0.023							
10121		230-240	0.08	0.012							
10122		240-250	0.11	0.002							

PROJECT NAME:
MOUNT NANSEN

DDH CD-14

Date: October
Month

1972
Year

ASSAY TAG #	D.D.H.	FOOTAGE	Cu	Mo	Au						P.O.
11069	CD-14	100-110	0.03	0.001							
11070		110-120	0.03	0.001	0.005						
11071		120-130	0.05	0.001							
11072		130-140	0.02	0.001	Tr						
11073		140-150	0.02	0.001							
11074		150-160	0.02	0.001	Tr						
11075		160-170	0.02	0.001							
11076		170-180	0.02	0.001	Tr						
11077		180-190	0.05	0.001							
11078		190-200	0.03	0.001	0.005						
11079		200-210	0.02	0.001							
11080		210-220	0.02	0.001	0.005						
11081		220-230	0.02	Tr							
11082		230-240	0.02	0.001	Tr						
11083		240-250	0.02	Tr							
11084		250-260	0.06	0.001	0.005						
11085		260-270	0.02	0.001							
11086		270-280	0.02	Tr	Tr						
11087		280-290	0.02	0.001							
11088		290-300	0.01	0.001	Tr						
11089		300-310	0.01	0.001							
11090		310-320	0.02	0.001	0.005						
11091		320-330	0.03	0.001							
11092		330-340	0.01	0.001	0.005						
11093		340-350	0.03	0.001							
11094		350-360	0.04	0.001	Tr						
11095		360-370	0.04	0.002							
11096		370-380	0.02	0.001	Tr						
11097		380-390	0.02	0.001							
11098		390-400	0.01	0.001	Tr						
11099		400-410	0.01	0.001							
11100		410-420	0.01	Tr	Tr						
10101		420-430	0.01	0.001							
10102		430-440	0.02	0.001	0.005						
10103		440-450	0.01	0.001							
10104		450-460	0.01	0.001	Tr						
10105		460-470	0.02	0.001							
10106		470-480	0.03	0.001	Tr						

