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COMPANY NAME Area Exploration Company
PROPERTY NAME Mount Nansen
DRILLING CONTRACTOR E. Caron Diamond Drilling
ASSAYER Bondar-Clegg & Co. Ltd.
PURPOSE OF HOLE Edge of Anomalous Metal Factor Ring

METHOD: Acid Tested @ PURPOSE OF HOLE Edge of Anomalous Metal Factor Ring
300' & 600'

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS						
				FROM	TO	WIDTH	NO.	Cu	Mo		Au			
0	19		Overburden			BQ								
			BW casing to 225											
			NW casing to 20 (casing recovered from hole)											
19	56	95%	Good core although broken into 6" pieces along fractures.	19	30	11	162	L.01	L.003		L.005			
			Med.-coarse grained leucocratic hornblende granodiorite.	30	40	10	163	0.01	L.003					
			Hornblende is moderately chloritized and feldspars	40	50	10	164	0.01	L.003					
			are slightly clayey (supergene). Rock is slightly											
			magnetic & contains <.5% disseminated pyrite. All											
			fracture surfaces are thickly coated with goethite,											
			jarosite and minor manganese stain, but minor pyrite											
			remains. @ 26.8-27, 30.8-31, 55.5 short intervals of											
			sand (iron stained).	50	60	10	165	0.01	L.003		L.005			
56	85	99%	Coarse grained hornblende granodiorite, with <1% disseminated	60	70	10	166	L.01	L.003					
			pyrite. Only slight limonite (jarosite) staining on	70	80	10	167	0.01	L.003					
			shear surfaces. Most fractures are filled with pistachio											
			green epidote & minor pyrite. Rock mafics are chloritized.											
			Epidote also occurs as clots within rock. Good recovery,											
			1-2' competent sections of core.											
85	91	85%	Poor recovery, broken core, ½-1" sections. Hornblende-	80	90	10	168	0.01	L.003		0.005			
			granodiorite, minor disseminated pyrite. Iron stained											
			fractures although most of the pyrite fillings have not											

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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-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			
			½-¾" 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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PURPOSE OF HOLE _____

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

COMPANY NAME Area Exploration Company
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 ASSAYER _____
 PURPOSE OF HOLE _____

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

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

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