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COMPANY NAME Area Exploration Company
PROPERTY NAME Mount Nansen
DRILLING CONTRACTOR E. Caron Diamond Drilling Ltd.
ASSAYER Bondar-Clegg & Co.
PURPOSE OF HOLE Coincident copper-moly geochem, inside
rim of anomalous metal factor halo

[illegible]

Diamond Drill Record

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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. CD-13
 CLAIM NAME Dome 69
 COMMENCED _____
 FINISHED _____
 PROJECT NO. 461

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	150	160	10	11032	0.100	0.006	0.005		10113	0.080	0.016
			fragments of quartz-diorite. 2% pyrite.	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-	170	180	10	11034	0.070	0.003	Tr		10115	0.100	0.011
			diorite. Clay altered with minor sericite, greenish	180	190	10	11035	0.080	0.002			10116	0.090	0.008
			white. Chlorite occurs with pyrite along a few	190	200	10	11036	0.090	0.002	0.005		10117	0.100	0.004
			fracture planes. 1% pyrite occurs as disseminations.	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	220	230	10	11039	0.100	0.017			10120	0.110	0.023
			feldspar porphyry. Phenocrysts of slightly clay	230	240	10	11040	0.070	0.002	Tr		10121	0.080	0.012
			altered white feldspar are anhedral (resorbed?) and	240	250	10	11041	0.110	0.002			10122	0.110	0.002
			make up ≈ 15% of rock. Pyrite occurs as small	250	260	10	11042	0.130	0.007	Tr				

Diamond Drill Record

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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					

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 PROJECT NO. 461

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	0.002	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	0.019	0.005				

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