

Diamond Drill Record Q59828-30 (77780) PAGE 1 OF 0

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

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

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

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

77780

Diamond Drill Record 77780

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

COMPANY NAME Area Exploration Company

PROPERTY NAME Mount Nansen

DRILLING CONTRACTOR _____

ASSAYER _____

PURPOSE OF HOLE _____

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

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

shipped
6/23/72

