Diamond Drill Record

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

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

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

FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS Cu%	ASSAYS 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 plagio-						
			clase 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

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NORTH			
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MAP REFERENCE NO.	METHOD		

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

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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO	ASSAYS Cu%	ASSAYS 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

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

HOLE NO. CD-15
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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS Cu%	ASSAYS Mo%
			from 240-253, 265.6-270, 334-337.6, 340-343, 373-376,	350	360	10	9883	0.04	0.002
			382-391.	360	370	10	9884	0.12	0.005
366	368	70%							
368	373	5%		370	380	10	9885	0.12	0.002
373	375	70%							
			438-439, 450-466 - Apparently fairly fresh quartz-feldspar	380	390	10	9886	0.08	0.003
			porphyry with fine disseminated pyrite and apparent flow	390	400	10	9887	0.10	0.003
			banding - may be a later dyke.	400	410	10	9888	0.06	0.001
466.6	52[illegible]		Altered granitic intrusive. May be altered porphyry in part.	410	420	10	9889	0.07	0.002
			Distinguished by lack of rounded quartz eyes and euhedral	420	430	10	9890	0.05	0.002
			feldspar psuedomorphs.	430	440	10	9891	0.01	0.002
			Trace chalcopyrite & molybdenite throughout, minor chalcopyrite	440	450	10	9892	0.02	0.002
			from 466.6-467.6, 510. Minor molybdenite at 470-471,	450	460	10	9893	0.08	0.001
			485, 486-487, 489.6, 490-516 associated with silica	460	470	10	9894	0.06	0.006
			flooding, veining and fragments.	470	480	10	9895	0.03	0.026
			Pervasive silicification from 466.6-469, 477-482, 497-503.6,	480	490	10	9896	0.08	0.023
			508-516, 520, 526.	490	500	10	9897	0.06	0.046
			Strongly argillized from 503.6-507, 516-520. Rest of intersection	500	510	10	9898	0.06	0.017
			shows incomplete silicification of argillized intrusive.	510	520	10	9899	0.10	0.050
			Gypsum veins at 484, 5% pyrite 471-473.6.	520	530	10	9900	0.11	0.015
526	587		Altered quartz-feldspar porphyry. White silicified argillic						

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PURPOSE OF HOLE:

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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO	ASSAYS Cu%	ASSAYS Mo%
			alteration as 240-253, etc., from 526-534.6, 540.6-542,	530	540	10	9901	0.03	0.003
			563-587.	540	550	10	9902	0.01	0.002
			534.6-540.6 - apparently fairly fresh porphyry with flow banding,	550	560	10	9903	0.04	0.001
			mid-grey groundmass, and fine disseminated pyrite as 438-	560	570	10	9904	0.06	0.001
			439, 450-466. With sand from 538.6-540.	570	580	10	9905	0.03	0.002
			Pervasively silicified from 542-563.	580	590	10	9906	0.04	0.001
			Trace chalcopyrite, molybdenite overall with minor molybdenite	590	600	10	9907	0.03	0.034
			at 531-532 and chalcopyrite-pyrite veins (1/10") at 566 and	600	610	10	9908	0.03	0.033
			566.6.	610	620	10	9909	0.02	0.047
			Gypsum vein at 570.6.						
587	693		Altered granitic intrusive. Pervasively silicified from 587-606.	620	630	10	9910	0.01	0.024
			Strongly argillized from 611-613, 692 (shear). Rest of inter-	630	640	10	9911	0.01	0.019
			section mildly or partially silicified. Molybdenite occurs	640	650	10	9912	0.01	0.014
			commonly in silica veins and blebs throughout the intersection.	650	660	10	9913	0.02	0.023
			Chalcopyrite generally occurs as a trace dissemination or as	660	670	10	9914	0.02	0.014
			late veins with pyrite, e.g., at 597, 657.6, 663, 674, 690.	670	680	10	9915	0.01	0.026
			613-614.6 - porphyry as at 438-439, 450-466, 534.6-540.6.	680	693	13	9916	0.02	0.016
			693' END OF HOLE						