WESTERN MINES LIMITED — DIAMOND DRILL RECORD — CARMACKS, YUKON TERRITORY

Hole No. 75-10 Sheet 1 Started June 15, 1975 Completed June 23, 1975 Logged by R. H. Beaton Property Car 57-72 M.C.'s Mt. Freegold - Big Creek Property

Length 320' Dip 90° Hor. Comp. -- Vert. Comp. -- Bearing -- Latitude 20'-30' W of Line 6E Departure Stn. 27+50 S New Stn. 26+50 S Old Grid

Elev. Collar 3420' altimeter % Recovery 100% below 57' Location Whitehorse M.D. ; Yukon, NTS 115 I/5E, Lat 62° 25' N Long 137° 38'W

Object Investigate Cu-Mo geochem. anomaly

Remark - Surface weathering to 101'

Composites: Au Ag 60-130, 150-220, 240-320

Footage From	To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Mo
0	28	0.3	Few leached rock fragments. (Overburden) Demarkation between O B & badly decomposed bedrock not determinable ~~probably~~ + 28'	2769+	60	70				0.11		.003
28	38	1.0	Rusty fragments & gouge, porphyry?	7251	70	80				0.13		.005
38	45	2.7	Probably bedrock, badly broken, fractured, leached, porphyritic	7260	80	90				0.08		.003
45	57.6	3.8	Fragments in gougy, rusty, decomposed rock, claylike, few flecks malachite and	2770+	90	100	2779	.005	.04	0.07		.005
			1/16" pyrite veinlet noted between 53' & 56'	7252	100	110				0.07		.003
57.6	100	40.9	Porphyritic rock, light grey in color, light rusty coloration, leached &	7262	110	120				0.12		.003
			generally incompetent. Characterized by white feldspar phenocrysts more or	2771+	120	130				0.08		.020
			less Kaolinized, much lesser small rounded smoky? quartz eyes and complete	7253	130	140				0.07		.002
			absence of mafics, Phenocrysts locally crowded	7263	140	150				0.09		.007
			Pyrite occurs in fairly frequent fractures from threads to 1/8".	2772o	150	160				0.11		.002
			Surprisingly pyrite appears fresh looking. Fracturing varies from fairly	7254	160	170				0.08		.003
			frequent to locally crowded. Silicification along fractures is common	7264	170	180				0.08		.003
			with penetration up to 1". Some pyrite veinlets show offsetting	2773o	180	190	2780	.005	.08	0.11		.003
			Gypsum? up to 1/8" thick noted on some fractures									

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Hole No. 75-10 Sheet 2 Started _____ Completed _____ Logged by _____ Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	MoS2
			Minor chalcopyrite noted between 72' and 82' (0.05-0.10% Cu) and	7255	190	200				0.15		.005
			between 82-91 (± 0.05% Cu). Occasional small flecks and patches of malachite	7265	200	210				0.12		.003
100	320	100%	Rock as preceding but coleration is greyish green characterized by large	2774 o	210	220				0.16		.002
			(up to ½") pink orthoclase phenocrysts (± 5%), and no mafics. Bulk of rock	7256	220	230				0.12		.003
			is probably made up of plagioclase and possibly alteration products such as	7261	230	240				0.18		.003
			chlorite. Alteration is well developed in green schist phase. Original rock	2775 –	240	250				0.29		.007
			was probably a porphyritic rock of intermediate classification possibly	7257	250	260				0.21		.003
			quartz diorite or granodiorite. Competency of rock much improved; and	7266	260	270				0.26		.005
			cores and drills well.	2776 –	270	280	2781	.005	.08	0.19		.005
			Silicification along fractures persists throughout and is locally	7258	280	290				0.12		.005
			intense particularly between 163 and 201 where it is approximately 75%	7267	290	300				0.16		.003
			of core as smoky quartz. Pyrite content increases to above 5% where silicification	2777 –	300	310				0.16		.002
			heavy; but probably never drops below about 3% average. The pyrite occurs as	7259	310	320				0.14		.002

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DIAMOND DRILL RECORD

Hole No. 75-10 Sheet 3 Started _____ Completed _____ Logged by _____ Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb
			a persistent fine dissemination and as veinlets to ¼" or more thick,								
			but generally much finer, at intervals of 1 foot more or less along core.								
			Alteration locally is more intense (bleaching, Kaolinization of feldspar)								
			particularly bounding faults such as 1" gouge @ 116½', 1 foot gouge @ 267'-268'								
			Magnetite occurs as small patches, blebs, and infrequently as veinlets.								
			First noted at 112' but not appreciable until 239' to about 274' especially								
			245' to 249' where a ¼" vertical magnetite vein includes some hematite and								
			and pyrite and minor chalcopyrite.								
			Chalcopyrite is sparse throughout, a few blebs noted at 124' estimated								
			0.5% Cu 158' - 158½', specks at 313 to 314' MoS_2 was noted as a thin film								
			on a fracture at 187½'.								