0-347' within Border 3 Fr (Yukon Territory)
347-639' within Tuley 13 (Northwest Territories)

DIAMOND DRILL RECORD - MACMILLAN TUNGSTEN (1968)

Hole No. MT-68-1 Co-ordinates 18,620 N Bearing at Collar N 17° E

21,662 E Dip at Collar -60°

Collar Elevation 6690 ft. Commenced Drilling July 1

Total Depth 639 ft. Completed Drilling July 20

Logged By: A.R. Findlay

Core Size BQ Coring Method Wireline Drilling Contractor Cameron McCutcheon

SURVEY SUMMARY

Depth	Dip	Bearing	Method
Collar	-60°	N 17° E	Bronton
158 ft	-60°	N 17° E	Acid test
229 ft	-58°	N 17° E	Acid test
544 ft	-58°	N 17° E	Acid test

PERTINENT ASSAY DATA

Interval	% WO_3
98-138	.38
153-193	.41
0-248	.20

PERTINENT GEOLOGY

Interval	Rock Type
0-157	Unit 3E Interbanded marble, light and dark colored skarn, with minor argillite, argillaceous siltstone and hornfels.
157-220	Unit 3C Interbanded light and dark skarn with minor marble, argrillite, argillaceous siltstone and hornfels.
220-639	Unit 3C Interbanded argillite and argillaceous siltstone, partly altered to hornfels with minor skarn

D. D. H. No. MT-68-1

SHEET 1 OF 6

DIAMOND DRILL RECORD — MACMILLAN TUNGSTEN

LOGGED BY A.R. Hadley DATE July 1968

FOOTAGE FROM	FOOTAGE TO	% REC.	GENERAL ROCK TYPE	ROCK DESCRIPTION	BED. TO CORE AXIS	THICKNESS COARSE DARK SKARN (ft)	EST. SCHEELITE	ASSAY INFORMATION INTERVAL		ASSAY No.	% WO_3	%Cu
0	15	60	0-93: Unit E Interbanded	Light colored skarn Hard, fine grained, pale green-grey diopside	65° (15')			0	5	2024	.84	
15	25	90	marble, light & dark colored	-quartz-plagioclase rock	48° (24')			15	18	2025	.01	
			skarn, argillite, argillaceous	Dark colored skarn Medium grained, dark green diopside-garnet-				18	23	2026	.01	
25	35	70	siltstone and pelitic hornfels	hornblende-plagioclase-quartz-calcite-sulphide-scheelite rock	400 (35')			23	28	2027	.06	
				Marble Medium grained light-dark grey				28	33	2028	.02	
35	45	90		Argillite & argillaceous siltstone Silt size quartz, muscovite, feldspar clasts set	310 (41')		M-S in	33	38	2029	.02	
				in dark, argillaceous matrix.			dark colored	38	43	2030	.04	
45	55	~100		Pelitic hornfels Light-dark grey, fine grained, rich in	28° (54')	0.1	skarn	43	48	2081	.01	
				muscovite & biotite. Sporadic development of		1.4		48	53	2082	.06	
55	65	~100		andalusite porphyroblasts after andalusite.	160 (64')	—		53	58	2083	.20	
				20-35: Extensive brecciation and qz-cc	140 (69')	0.3		58	63	2084	.22	
65	75	~100		veining.		0.7		63	68	2035	.14	
						1.0		68	73	2036	.09	
75	85	~100			320 (86')	1.2		73	78	2037	.19	
						—		78	83	2038	.01	
85	95	~100			270 (95')	—		83	88	2039	.01	
						—		88	93	2040	.02	

DIAMOND DRILL RECORD — MACMILLAN TUNGSTEN

LOGGED BY A.R. Lindsay DATE July 1968

FOOTAGE FROM	FOOTAGE TO	% REC.	GENERAL ROCK TYPE	ROCK DESCRIPTION	BED. TO CORE AXIS	THICKNESS COARSE DARK SKARN (ft)	EST. SCHEELITE	ASSAY INFORMATION INTERVAL		ASSAY No.	% WO_3	%Cu
95	115	70	93-157: Unit E	Rock type descriptions on sheet 1		0.1		93	98	2044	0.08	
			Interbanded light colored skarn,			0.7	M-S in	98	103	2045	0.62	
			dark colored skarn, marble, argillite-arg.		70° (123')	—	dark colored	103	108	2046	0.06	
			sst. and pelitic hornfels		70° (132')	0.8	skarn	108	113	2047	0.72	
115	135	~100				0.1		113	118	2048	0.34	
						0.5		118	128	2049	0.36	
						0.1		128	128	2050	0.06	
					45° (154')	0.6	Development of coarse crystals	128	133	3201	0.46	
135	155	~100			50° (156')	—	adjacent to margins	133	138	3202	0.06	
						—	of scattered 93 veins	138	143	3203	Tr	
						—		143	148	3204	Tr	
						0.2		148	153	3205	0.33	
155	175	~100				—		153	158	3206	0.21	
			157-378: Unit D Interbanded	Much of light colored skarn has a ghost		0.8		158	163	3207	0.77	
			light colored skarn, dark	clastic structure. Most of dark colored skarn is	77° (174')	1.0		163	168	3208	0.68	
			colored skarn, argillite-arg sst.	developed in light colored skarn adjacent to quartz-scheelite veins		1.0		168	173	3209	0.61	
			& pelitic hornfels			0.4		173	178	3210	0.09	

DIAMOND DRILL RECORD — MACMILLAN TUNGSTEN

SHEET 5 OF 8

LOGGED BY A.R. Findlay DATE July 1968

FOOTAGE FROM	FOOTAGE TO	% REC.	GENERAL ROCK TYPE	ROCK DESCRIPTION	BED. TO CORE AXIS	THICKNESS COARSE DARK SKARN(ft)	EST. SCHEELITE	ASSAY INFORMATION INTERVAL		ASSAY No.	% WO_3	%Cu
175	195	~90	178-220': Unit D	Rock type descriptions on Sheet 1		0.1	H-S in	178	183	3211	Tr	
			Unmineralized light-colored		75° (184')	2.0	dark colored	183	188	3212	0.33	
			skarn, dark colored skarn,		75° (190')	1.5	skarn	188	193	3213	0.59	
			argillite – arg. sst. & pelitic hornfels			0.1		193	198	3214	0.01	
195	215	~100			80° (206')	—		198	203	3215	Tr	
					50° (218')	0.5		203	208	3216	0.13	
					45° (217')	0.5		208	213	3217	0.05	
					0° (235')	—		213	218	3218	Tr	
215	235	~100			56° (238')	—		218	223	3219	Tr	
			220-263': Unit C	Rock type descriptions on Sheet 1		1.4		223	228	3220	0.66	
			Argillite – arg. sst, pelitic hornfels with			1.0		228	233	3221	0.20	
			minor light and dark colored		70° (255')	—		233	238	3222	0.09	
			skarn			0.7		238	243	3223	0.32	
235	255	~100		Pyrite – pyrrhotite veins < 3mm thick at 70-90° to	62° (261')	1.0		243	248	3224	0.35	
				core axis, frequency 2-6".	64° (275')	—		248	253	3225	0.01	
						—		253	258	3226	Tr	
255	275	~100				—		258	263	3227	0.01	

DIAMOND DRILL RECORD — MACMILLAN TUNGSTEN

SHEET 4 OF 8

LOGGED BY A.R. Findlay DATE July 1968

FOOTAGE FROM	FOOTAGE TO	% REC.	GENERAL ROCK TYPE	ROCK DESCRIPTION	BED. TO CORE AXIS	THICKNESS COARSE DARK SKARN (ft)	EST. SCHEELITE	ASSAY INFORMATION INTERVAL		ASSAY No.	% WO_3	%Cu
			263-343: Unit C									
			Argillite and arg. sst, pelite hornfels with minor light and dark colored skarn	Rock type descriptions on Sheet 1		—		258	263	3227	0.01	
						0.2		263	268	3228	0.01	
				Quartz veins < 3mm thick at 45° to core axis, frequency 2-6".		—		268	273	3230	0.01 Tr	
275	295	~100			50° (281')	—		273	278	3231	Tr	
				Sulphide veins 2-6" frequency	58° (295')	0.7		278	283	3232	0.51	
					74° (301')	—		283	288	3233	0.01	
					70° (311')	—		288	293	3234	0.01	
295	315	~100				—		293	298	3235	0.05	
						—		298	303	3236	Tr	
						—		303	308	3237	0.01	
						0.5	Variable Scheelite in quartz veins of frequency 10-20/ft	308	313	3238	0.27	
315	335	~95		Quartz veins at high angle to core axis	45° (327')			313	318	3239	0.02	
				< 1 cm thick, frequency 3-6".				318	323	3240	0.15	
								323	328	3241	0.01	
								328	333	3242	0.02	
335	355	~100		333: Thick vein rich in pyrite.				333	338	3243	0.02	
								338	343	3244	0.02	

DIAMOND DRILL RECORD — MACMILLAN TUNGSTEN

LOGGED BY A.R. Findlay DATE July 1968

FOOTAGE FROM	FOOTAGE TO	% REC.	GENERAL ROCK TYPE	ROCK DESCRIPTION	BED. TO CORE AXIS	THICKNESS COARSE DARK SKARN (ft)	EST. SCHEELITE	ASSAY INFORMATION INTERVAL		ASSAY No.	% WO_3	%Cu
			343-435: Unit C	Rock types descriptions on sheet 1				343	348	3245	0.04	
			Argillite, arg. slt., pelit & hornfels					348	353	3246	0.01	
			with minor light and dark colored skarn			—		353	358	3247	0.02	
355'	375'	~100		Quartz-sulphide veins < 3cm thick, frequency 1-3"	60° (370')	0.2		358	363	3248	0.09	
				at high angle to bedd core axis.		1.0		363	368	3249	0.27	
						—		368	373	3250	0.01	
				377: Vein 2cm thick rich in sulphide		—		373	378	3251	0.23	
375	395	~100			55° (392')	1.0		378	383	3252	0.08	
						—		383	388	3253	0.06	
					65° (410')	—		388	393	3254	0.01	
						—		393	398	3255	0.02	
395	415	~100										
					45° (433')							
415	435	~100										

SHEET 6 OF 6

DIAMOND DRILL RECORD — MACMILLAN TUNGSTEN

LOGGED BY A.R. Studley DATE July 1968

FOOTAGE FROM	FOOTAGE TO	% REC.	GENERAL ROCK TYPE	ROCK DESCRIPTION	BED. TO CORE AXIS	THICKNESS COARSE DARK SKARN	EST. SCHEELITE	ASSAY INFORMATION INTERVAL		ASSAY No.	% WO_3	%Cu
435	455	~100	435-595': Unit C	Rock type descriptions on Sheet 1	55° (453')							
455	475	~100		Quartz veins < 2 cm. frequency ¼-6".	70° (460')							
475	495	~100			80° (493')							
495	515	~100		495-515 Minor fracturing and quartz-calcite veining	60° (511')							
515	535	~100			60° (530')							
535	555	~100			65° (585')							
555	575	~95			60° (555')							
575	595	~95		575-595 Concordant to fracturing	60° (574')							
					45° (593')							

0-366 Within Border 3F (Yukon Territory)
366-879 Within Judy 13 (Northwest Territories)

NWT

DIAMOND DRILL RECORD - MACMILLAN TUNGSTEN (1968)

Hole No. MT-68-1A Co-ordinates 18,620 N Bearing at Collar N 20° E

21,662 E Dip at Collar -60°

Collar Elevation 6690 ft Commenced Drilling 21st July

Total Depth 879 ft Completed Drilling 11th August

Logged By: A.R. Findlay

Core Size BQ Coring Method Wireline Drilling Contractor Cameron McCutcheon

SURVEY SUMMARY

Depth	Dip	Bearing	Method
Collar	-60°	N 20° E	Brunton
840 ft	-54°	N. 20° E	Acid test

PERTINENT ASSAY DATA

Interval	% WO_3 ~~MoS2~~
24-300	.24
705-780	.54

PERTINENT GEOLOGY

Interval	Rock Type
0-149	Unit 3E Interbanded marble, light and dark colored skarn, with minor argillite, argillaceous siltstone and hornfels
149-202	Unit 3D Interbanded light and dark colored skarn with minor marble, argillite, argillaceous siltstone and hornfels.
202-700	Unit 3C Argillite and argillaceous siltstone partly altered to hornfels, with minor skarn.
700-785	Unit 3B Interbanded marble, light and dark colored skarn
785-879	Formation I Phyllite and low grade schist meta-

D. D. H. No. MT - 68 19

SHEET 1 OF 8

DIAMOND DRILL RECORD — MACMILLAN TUNGSTEN

LOGGED BY McKinlay DATE July 1968

FOOTAGE FROM	FOOTAGE TO	% REC.	GENERAL ROCK TYPE	ROCK DESCRIPTION	BED. TO CORE AXIS	THICKNESS COARSE DARK SKARN (ft)	EST. SCHEELITE	ASSAY INFORMATION INTERVAL		ASSAY No.	% WO_3	%Cu
24	40	90	24-120 Unit E Interbanded marble, light & dark colored skarn, argillite, argillaceous siltstone & pelitic hornfels	24-120 Light colored skarn: Hard, fine grained, grey-pale green diopside-garnet-plagioclase rock. Dark colored skarn: Medium grained, dark green diopside-garnet-hornblende-plagioclase-quartz-sulphide-scheelite rock. Marble: Medium grained light-dark grey. Argillite & argillaceous siltstone: Silty size quartz, minor muscovite, feldspar in dark argillaceous matrix. Pelitic hornfels: Fine grained, light-dark grey, rich in biotite & muscovite				24	25	8932	.11	
						1.4		25	30	8933	.01	
						2.0		30	35	8934	.54	
						0.3		35	40	8935	.01	
40	60	95				—		40	45	8936	Tr	
						—	M-S in dark colored skarn	45	50	8937	.02	
						—		50	55	8938	.03	
						—		55	60	8939	Tr	
60	80	~100				0.2		60	65	8940	.01	
						0.1		65	70	8941	Tr	
						0.7		70	75	8942	.05	
						0.3		75	80	8943	.15	
80	100	~100				0.1		80	85	8944	.12	
						0.3		85	90	8945	.27	
						0.5		90	95	8946	.23	
						0.5		95	100	8947	.02	
100	120	~100				—		100	105	8948	.09	

D.D.H. No. MT - 68 - 14

SHEET 2 OF 8

DIAMOND DRILL RECORD — MACMILLAN TUNGSTEN

LOGGED BY A.R. Findlay DATE July 1968

FOOTAGE FROM	FOOTAGE TO	% REC.	GENERAL ROCK TYPE	ROCK DESCRIPTION	BED. TO CORE AXIS	THICKNESS COARSE DARK SKARN (ft)	EST. SCHEELITE	ASSAY INFORMATION INTERVAL FROM	INTERVAL TO	ASSAY No.	% WO_3	%Cu
			120-149 - Unit E	120-149 Described in detail on Sheet 1		105-110 0.1		105	108	8886	Tr	
			Interbanded light & dark			110-115 —		108	113	8885	.06	
			colored skarn, argillite, argil-			115-120 0.3		113	118	8884	Tr	
120	140	~100	aceous siltstone & pelitic hornfels			120-125 —		118	123	8883	Tr	
						—		123	125	8887	Tr	
						—		125	130	8888	Tr	
						0.3		130	135	8889	.12	
						—		135	140	8890	.09	
140	160	~100				—	M-S in	140	145	8891	.03	
						0.1	dark skarn	145	150	8892	.02	
			149-202 Unit D Interbanded	149-200		3.0		150	155	8893	.01	
			light & dark colored skarn,	Most of the skarn exhibits a 'ghost' clastic structure: 'clasts' are commonly composed		0.4		155	160	8894	.21	
160	180	~100	marble, argillite-argillaceous	of light colored skarn, whereas matrix is		0.3		160	165	8895	.21	
			siltstone & pelitic hornfels.	composed of dark colored skarn. Clasts are particularly coarse over 149-150'		0.2		165	170	8896	.01	
				interval.		0.3		170	175	8897	.01	
				Total thickness of marble — 0.6 ft.		0.3		175	180	8898	.05	
180	200	~100				0.9		180	185	8899	.32	

D. D. H. No. MT-68-1A

SHEET 3 OF 8

DIAMOND DRILL RECORD — MACMILLAN TUNGSTEN

LOGGED BY A.J. Findlay DATE July 1968

FOOTAGE FROM	FOOTAGE TO	% REC.	GENERAL ROCK TYPE	ROCK DESCRIPTION	BED. TO CORE AXIS	THICKNESS COARSE DARK SKARN (ft)	EST. SCHEELITE	ASSAY INFORMATION INTERVAL		ASSAY No.	% WO_3	%Cu
			185-202 Unit D Interbanded marble and light & dark colored skarn	185-202 Described on sheet 1		0.8		185	190	8900	.21	
						0.8		190	195	8901	.07	
						0.2		195	200	8902	.02	
200	220	~100	202-280 Unit C As above	Some skarn 202-263 ft shows gliot	60° (200')	1.1		200	205	8903	.20	
				clastic structure. Most argillite & argillaceous		1.4	M-S in	205	210	8904	.29	
				siltstone is altered to hornfels		1.8	dark skarn	210	215	8905	.19	
						1.5		215	220	8906	.68	
220	240	~100			65° (225')	2.3		220	225	8907	1.24	
						0.6	Variable concen-	225	230	8908	.34	
						0.8	trations in veins	230	235	8909	1.52	
						0.5	frequency 1-5 ft	235	240	8910	.16	
240	260	~100				0.1		240	245	8911	.27	
						—		245	250	8912	.03	
						—		250	255	8913	.03	
						—		255	260	8914	Tr.	
260	280	~100				0.7		260	265	8915	.43	
						—		265	270	8916	.14	

DIAMOND DRILL RECORD — MACMILLAN TUNGSTEN

LOGGED BY A.R. Quinsey DATE July 1968

FOOTAGE FROM	FOOTAGE TO	% REC.	GENERAL ROCK TYPE	ROCK DESCRIPTION	BED. TO CORE AXIS	THICKNESS COARSE DARK SKARN (ft)	EST. SCHEELITE	ASSAY INFORMATION INTERVAL		ASSAY No.	% WO_3	%Cu
			280-320: Unit C	As described on Sheet 1 (under 0-(20)		—		270	275	8917	.11	
			Argillite - arg. ss. & with minor light & dark coloured skarn.			—		275	280	8918	.04	
280	300	~100				—		280	285	8919	.06	
						—	M-S in dark	285	290	8920	Tr	
						—	colored skarn	290	295	8921	.01	
						—		295	300	8922	.62	
300	320	~100				1.5		300	305	8923	.01	
					67° (327')	—		305	310	8924	Tr	
						—		310	315	8925	.02	
						—		315	320	8926	.02	
320	340	~100	320-340: Unit C	sporadic development of andalusite porphyroblasts, altered largely to muscovite.		—		320	325	8927	Tr	
			argillite - arg. ss. & largely altered to pelitic hornfels.		70° (345')	—		325	330	8928	.11	
						—		330	335	8929	.01	
						—		335	340	8930	Tr	
340	360	~100				—						
						—						
					55° (372')	—						

SHEET 5 OF 8

DIAMOND DRILL RECORD — MACMILLAN TUNGSTEN

LOGGED BY A.R. Twidale DATE July 1968

FOOTAGE FROM	FOOTAGE TO	% REC.	GENERAL ROCK TYPE	ROCK DESCRIPTION	BED. TO CORE AXIS	THICKNESS COARSE DARK SKARN	EST. SCHEELITE	ASSAY INFORMATION INTERVAL		ASSAY No.	% WO_3	%Cu
360	380	~100	360-540 Unit C	20 ÷ 30 % of section consists of light grey,								
			argillite - arg. sst.									
			largely altered	Silicified hornfels								
380	400	~100	to pelitic hornfels		70° (385')							
400	420	~100										
420	440	~100			30° (420')							
					50° (432')							
440	460	~100										
460	480	~100			20° (462')							
					70° (476')							
480	500	~100										
500	520	~100										
					45° (517')							
520	540	~100										

D. D. H. No. MT -68 - 1A

SHEET 6 OF 8

DIAMOND DRILL RECORD — MACMILLAN TUNGSTEN

LOGGED BY MRDudley DATE August 1968

FOOTAGE FROM	FOOTAGE TO	% REC.	GENERAL ROCK TYPE	ROCK DESCRIPTION	BED. TO CORE AXIS	THICKNESS COARSE DARK SKARN	EST. SCHEELITE	ASSAY INFORMATION INTERVAL		ASSAY No.	% WO_3	%Cu
			540–700 : Unit C	540-700								
540	560	~100	argillite- arg. sst. largely altered to pelitic hornfels									
560	580	~100	"									
					68° (575')							
580	600	~100										
			"									
600	620	~100			63° (618')							
					85° (645')							
620	640	~100	"									
640	660	~100	"									
660	680	95			90° (665')							
			"				W-Mt in trace					
680	700	~100			75° (685')		narrow veins	690	695	8801	.04	
								695	700	8802	Tr	

D.D.H. No. MT -68 - 14

SHEET 7 OF 8

DIAMOND DRILL RECORD — MACMILLAN TUNGSTEN

LOGGED BY A.R. Findlay DATE August 1968

FOOTAGE FROM	FOOTAGE TO	% REC.	GENERAL ROCK TYPE	ROCK DESCRIPTION	BED. TO CORE AXIS	THICKNESS COARSE DARK SKARN (ft)	EST. SCHEELITE	ASSAY INFORMATION INTERVAL		ASSAY No.	% WO_3	%Cu
700	720		700-785: Unit B	700-785	75° (700')	1.4		700	705	8803	.03	
			Interbanded light colored skarn, dark colored skarn and marble	Rock type description on Sheet 1 (under 0-120)		2.5		705	710	8804	.22	
				Total thickness of marble 17 ft	75° (710')	2.3	M-S in	710	715	8819 8805	.03	
						—	dark colored	715	720	8805	.10	
720	740					2.0	skarn	720	725	8806	.86	
						1.7		725	730	8807	.04	
					85° (734')	0.1		730	735	8808	Tr.	
						5.0		735	740	8809	1.48	
740	760					5.0		740	745	8810	.52	
					65° (750')	5.0		745	750	8811	1.56	
						1.7		750	755	8812	.62	
						1.5		755	760	8813	.44	
760	780				60° (762')	1.5		760	765	8814	.35	
				Quartz-calcite vein 9 ins. thick at 774.		0.4		765	770	8815	.21	
						1.0		770	775	8816	.59	
9						2.5		775	780	8817	.86	
780	800				50° (780')	0.7		780	785	8818	.39	

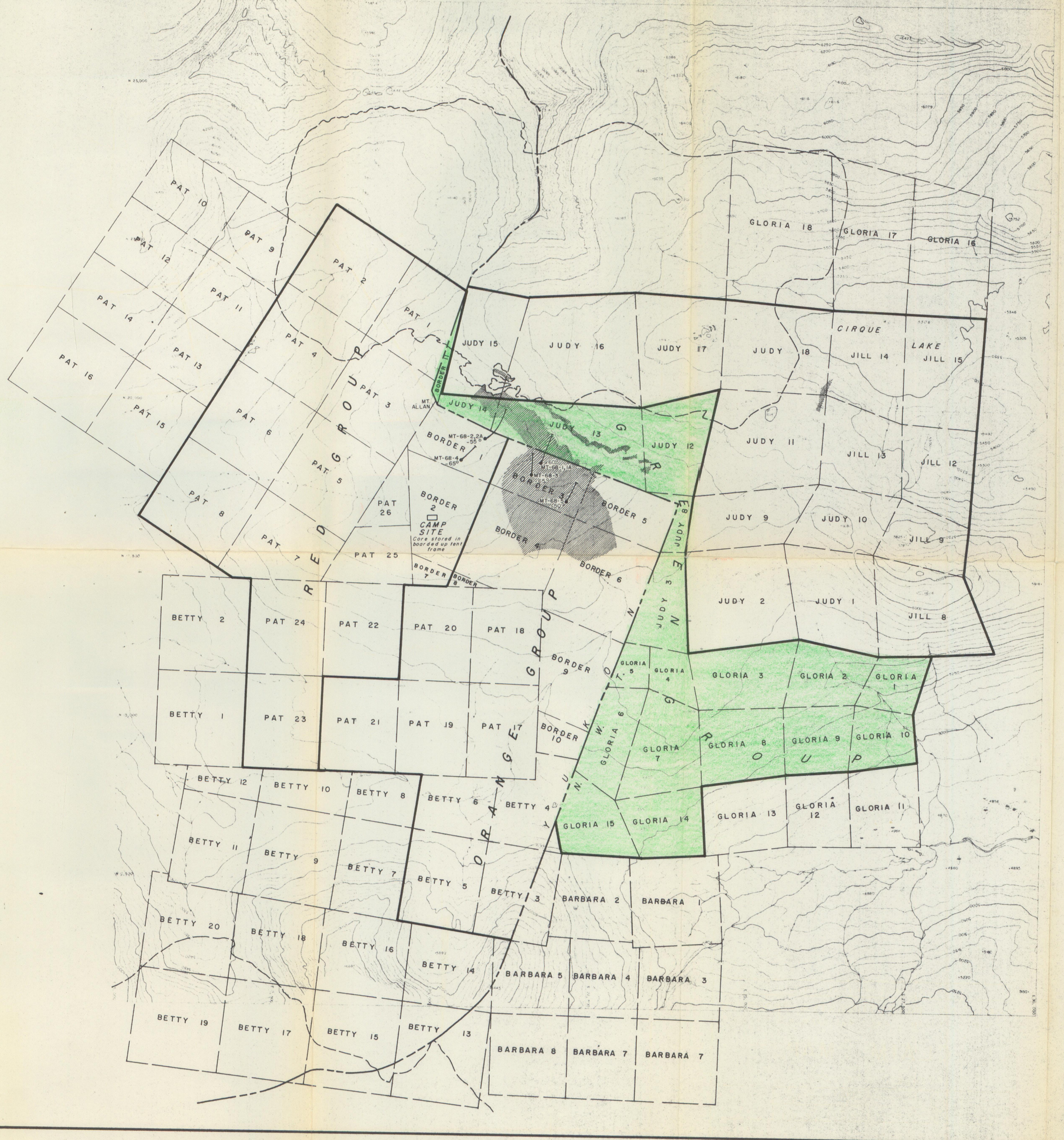
D. D. H. No. MT-68-1A

SHEET 3 OF 8

DIAMOND DRILL RECORD — MACMILLAN TUNGSTEN

LOGGED BY A.R. Findlay DATE August 1968

FOOTAGE FROM	FOOTAGE TO	% REC.	GENERAL ROCK TYPE	ROCK DESCRIPTION	BED. TO CORE AXIS	THICKNESS COARSE DARK SKARN	EST. SCHEELITE	ASSAY INFORMATION INTERVAL FROM	INTERVAL TO	ASSAY No.	% WO_3	%Cu
			785-849' Formation 1	Foliated muscovite-biotite-chlorite-plagioclase	85° (793')			785	790	8820	Tr	
			low grade mica schist	-quartz schist. Micas oriented parallel to				790	795	8821	Tr	
				foliation and biotite generally concentrated in ovoid patches a few mm. across.								
800	879	~100			90° (800')							
					85° (835')							
					75° (863')							



LEGEND

Claim boundary.

Inter territorial boundary.

Boundary of quartz monzonite stock.

Approximate extent of mineralization.

Diamond drill hole showing d.d.h. number and dip at collar. (MT-68-1,1A -60°)

AMAX EXPLORATION INC.

MACMILLAN PASS TUNGSTEN PROPERTY

MAYO M.D. – YUKON AND MACKENZIE M.D. – N.W.T.

CLAIM MAP

SCALE 1" = 1,000'

DATE REVISED	DATE PRINTED	
		Drawn by: H.C.P
		Date 2/5/69
		N.T.S. File 105 O 1,8 ; P 4,5