

DIAMOND DRILL RECORD

HOLE NUMBER : TH 8

LOGGED BY : D. KILPATRICK

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACIDSOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	gr Ag	% WO ₃
0	6	0	0	Float and sand from site development													
6	19.3	10.7	80	Altered Medium grained Grey Granite, consists of quartz (4-8mm) within network of feldspar grains (average 8-10mm). Feldspar mostly altered white K-Feldspar with greenish yellow chlorite after plagioclase (4-6mm) within K-Feldspar. Occasional blebs of ragged tourmaline and rare pyrite - rare (?) molybdenum (17.2m)		19	20	0.07	<0.01	0.02	<0.1	0.8	0.02	0.07	0.001	<1	<0.01
							21	0.07	<0.01	0.02	<0.1	0.3	0.02	0.07	0.002	4	0.01
							22	0.05	<0.01	0.02	<0.1	0.4	0.04	0.08	0.003	<1	0.01
							23	0.02	<0.01	0.01	<0.1	0.1	0.04	0.09	0.003	<1	0.01
							24	0.03	<0.01	0.01	<0.1	0.2	0.05	0.10	0.002	<1	0.01
							25	0.36	<0.01	0.01	<0.1	0.1	0.07	0.03	0.001	5	0.01
							26	0.05	<0.01	0.02	<0.1	1.2	0.73	1.26	0.001	14	0.01
							27	0.24	0.01	0.02	<0.1	1.9	1.13	1.82	0.001	24	0.01
							28	0.05	0.01	0.03	<0.1	0.3	0.22	0.44	0.001	3	0.01
193	44.5	25.2	100	Quartz-Tourmaline Alteration - Dark grey to green-black massive quartz tourmaline rock with sulphides up to 2% in some zones. Interspersed within the tourmaline rich rock are bands of altered chlorite-quartz granite (20.5-21.7m, 22.5-23.5m, 27.8-28.1m, 35.8-36.6m, 42.2-44.2m). The tourmaline rock contains common fine grained fibrous needle-like mineral. Sulphides include pyrite, arsenopyrite, chalcopyrite sphalerite and rare Mo or W. Sulphides - are mostly as very fine crystalline grains or massive aggregates and in hollow vugs. Banding and jointing ranges from 30° at top to 60° ±10° to core axis toward the centre and base. These tend to be tourmaline veins. Intervening altered granite carries rare, minor disseminated pyrite.		29	0.14	0.01	0.07	<0.1	0.7	1.14	0.33	0.001	89	0.01	
							30	0.04	<0.01	0.02	<0.1	0.5	0.84	0.31	0.003	15	0.01
							31	0.04	<0.01	0.04	<0.1	1.6	4.88	0.37	0.001	100	0.01
							32	0.03	<0.01	0.06	<0.1	1.5	3.39	0.81	0.001	81	0.01
							33	0.03	<0.01	0.02	<0.1	0.7	1.01	0.46	0.001	18	0.01
							34	0.03	<0.01	0.01	<0.1	0.6	0.31	0.10	0.001	17	0.01
							35	0.04	<0.01	0.02	<0.1	0.5	0.21	0.08	0.002	42	0.01
							36	0.15	<0.01	0.03	<0.1	0.3	0.08	0.08	0.003	27	0.01
							37	0.02	<0.01	0.02	<0.1	0.1	0.02	0.04	0.001	1	0.01
							38	0.33	<0.01	0.05	<0.1	1.4	1.31	0.10	0.005	34	0.01
							39	0.37	<0.01	0.04	<0.1	0.9	0.18	0.12	0.001	9	0.01
							40	0.39	0.01	0.13	<0.1	2.4	1.67	0.94	0.002	36	0.01
							41	0.20	0.01	0.04	<0.1	1.9	0.56	1.37	0.004	24	0.01
							42	0.55	<0.01	0.02	<0.1	0.6	0.08	0.12	0.005	7	0.01
							43	0.03	<0.01	0.01	<0.1	0.2	0.03	0.11	0.004	2	0.01
							44	0.04	0.01	0.01	<0.1	0.1	0.01	0.04	0.003	2	0.01
						44	45	0.15	<0.01	0.02	<0.1	0.1	0.01	0.05	0.001	1	0.01
44.5	101.3	57.0	100	Medium-grained Grey Granite, altered to mostly fresh grey granite with quartz, partly altered K-feldspar (white) and green yellow plagioclase with abundant tourmaline veins at 50° to core axis. 53.0-54.4m, altered horizon of quartz, chlorite clays, sericite and minor disseminated sulphides. Below 55m the tourmaline veins tend to have greisenous haloe and less tourmaline becoming true greisen veins with depth and containing minor disseminated pyrite. Below 70m, the core is fairly fresh with slightly yellowed feldspars and abundant greisen veining.													

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