

008

DIAMOND DRILL RECORD

HOLE NUMBER : FED 20

LOGGED BY : D. Kilpatrick

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% Al.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
37.7	40.5			<u>MINERALISED FINE GRAINED GRANITE</u> Fine grained banded, aplite, sugary textured, creamy yellow or grey slightly broken cores of quartz and feldspars with common pyrite or fluorite filled veins and disseminated pyrite and lesser sphalerite. The lower half is more altered and leached with only minor feldspar and more abundant chlorite present. The core is banded at 30° to core axis.		39	40	0.03	0.02	0.01	<0.1	3.0	<0.01	0.03	.002	9	<0.01
						40	41	0.05	0.03	0.02	<0.1	5.6	<0.01	0.06	.004	10	<0.01
						41	42	0.02	0.01	0.02	<0.1	3.1	<0.01	0.06	.001	6	0.01
						42	43	0.02	0.01	0.02	<0.1	2.5	<0.01	0.04	.001	2	0.01
						43	44	0.02	0.13	0.01	<0.1	0.1	<0.01	0.03	.001	2	0.01
						44	45	0.21	0.01	0.20	<0.1	5.4	<0.01	0.06	.010	31	0.01
						45	46	0.17	0.11	0.16	<0.1	2.8	<0.01	0.08	.005	14	0.01
40.5	44.5			<u>ALTERED GRANITE</u> Yellow or slightly serpentinised feldspars, quartz, chloritised biotite or chlorite with varying amounts of massive and disseminated sulphides. Granitic texture retained. 42.7m mineralised greisen vein-serpentine, chlorite, pyrite, sphalerite.		46	47	0.35	0.21	0.34	<0.1	8.3	0.07	0.41	.056	65	0.01
						47	48	0.03	0.01	0.03	<0.1	5.4	<0.01	0.03	.014	9	0.01
						48	49	0.03	<0.01	0.02	<0.1	8.2	<0.01	0.08	.010	5	0.01
						49	50	0.03	<0.01	0.02	<0.1	6.5	<0.01	0.19	.007	4	<0.01
						50	51	0.04	<0.01	0.05	<0.1	7.3	<0.01	0.60	.009	6	0.01
						51	52	0.04	<0.01	0.03	<0.1	4.5	<0.01	0.28	.007	3	<0.01
44.5	60.2			<u>MINERALISED MEDIUM GRAINED GRANITE</u> Sulphide rich, medium-grained granite with greisenised appearance. Granitic texture is quite altered to greyish green chloritised or serpentinised feldspars, quartz, minor interstitial disseminated tourmaline, and minor siderite with varying amounts of massive or disseminated pyrite (up to 40% 47.6-48.0m). Porphyroblastic pyrite aggregates up to 10mm diameter. Core varies from quartz-altered feldspar-chlorite to very altered serpentine-chlorite-sericite-clay + siderite with occasional mineralised greisen veins containing pyrite and sphalerite (eg. 44.5-44.8m). Quartz decreases especially in more highly mineralised zones. Fluorite is quite common and occasionally is surrounded by fine clay border. Sulphides between 55m-60m average. 5-30% of the rock (mostly pyrite and sphalerite). Sulphides are usually coarse crystals or blebs (average 4-6mm).		52	53	0.04	<0.01	0.03	<0.1	7.4	<0.01	0.28	.006	2	<0.01
						53	54	0.03	0.02	0.03	<0.1	6.3	<0.01	0.35	.007	4	0.01
						54	55	0.11	0.02	0.10	<0.1	5.4	<0.01	0.47	.008	11	<0.01
						55	56	0.05	0.01	0.06	<0.1	7.0	<0.01	0.49	.007	10	<0.01
						56	57	0.06	<0.01	0.08	<0.1	7.0	<0.01	0.43	.007	12	<0.01
						57	58	0.03	0.01	0.02	<0.1	6.2	<0.01	0.22	.005	2	0.01
						58	59	0.04	0.01	0.03	<0.1	6.8	<0.01	0.15	.008	18	0.01
						59	60	0.02	0.01	0.03	<0.1	7.4	<0.01	0.31	.005	3	0.01
						60	61	0.03	0.02	<0.01	<0.1	0.5	<0.01	0.02	.004	1	<0.01
						61	61	0.08	0.02	<0.01	<0.1	2.0	<0.01	0.02	.008	<1	<0.01
						62	63	0.02	0.03	0.01	<0.1	0.7	<0.01	0.02	.005	<1	<0.01
						63	64	0.33	0.02	0.01	<0.1	1.5	<0.01	0.15	.010	4	0.01
50.3	61.2			<u>MINERALISED FINE-GRAINED GRANITE</u> Fine grained, greenish grey rock, possibly aplite - chlorite, sericite and disseminated pyrite.													
61.2	80.2			<u>MINERALISED MEDIUM-GRAINED GRANITE</u> Mostly as described above. Greenish matrix of serpentinised material with minor quartz, to less altered quartz clay rock with relic granitic texture. Fine disseminated or large crystals of sphalerite and lesser pyrite, siderite common. 68.4m-72.2m, generally less altered material with only minor sulphide and less tourmaline and chlorite. Feldspars are replaced by siderite and clays. Granitic fabric present but slightly		64	65	1.08	0.03	0.06	<0.1	4.6	<0.01	2.14	.007	4	0.01
						65	66	0.71	0.01	0.01	<0.1	2.2	<0.01	0.10	.003	2	0.01
						66	67	0.19	0.01	0.01	<0.1	0.3	<0.01	0.06	.004	<1	0.01
						67	68	0.04	0.01	0.01	<0.1	0.2	<0.01	0.11	.005	1	<0.01
						68	69	0.02	0.01	0.01	<0.1	0.1	<0.01	0.11	.008	<1	0.01
						69	80	0.02	0.01	<0.01	<0.1	0.1	<0.01	0.01	.011	2	<0.01

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