

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.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
0	14.5			SCREE		0	3	0.01	0.01	0.01	< 0.1	< 0.1	< 0.01	0.03	< 0.001	< 1	< 0.01
				Material mobilised during pad construction and alluvial sediments.		3	15	0.06	0.02	0.01	< 0.1	0.7	0.01	0.09	.001	2	< 0.01
				Sand trace and a boulder ((?)in-situ) of fresh red granite.		15	17	0.01	0.01	< 0.01	< 0.1	< 0.1	< 0.01	0.03	.002	< 1	< 0.01
						17	18	0.01	< 0.01	0.01	< 0.1	< 0.1	< 0.01	0.03	.001	< 1	< 0.01
14.5	14.7	0.2	100	APLITE		18	19	< 0.01	0.02	0.01	< 0.1	< 0.1	< 0.01	0.06	< 0.001	< 1	< 0.01
				Fine grained pale coloured quartz-feldspar rich aplite with abundant		19	20	0.02	0.03	0.01	< 0.1	0.2	< 0.01	0.18	.001	< 1	< 0.01
				sulphides, occasional tourmaline nodules and quartz-feldspar veins.		20	21	0.03	0.03	0.03	< 0.4	1.3	< 0.01	0.77	< 0.001	3	< 0.01
						21	22	0.02	0.02	0.02	< 0.1	0.8	< 0.01	0.48	< 0.001	2	< 0.01
14.7	18.3			ARGILLISED GRANITE		22	23	< 0.01	0.02	< 0.01	< 0.1	0.1	< 0.01	0.06	< 0.001	< 1	0.01
				Very altered, argillised, medium grained (?) red granite - very		23	24	< 0.01	0.01	0.01	< 0.1	< 0.1	< 0.01	0.12	.004	1	< 0.01
				broken. Jointing occurs at 35°-45° to core axis.		24	25	< 0.01	0.02	< 0.01	< 0.1	< 0.1	< 0.01	0.09	.002	< 1	< 0.01
18.3	37.7			MINERALIZED GRANITE		25	26	0.01	0.02	0.02	< 0.1	0.2	< 0.01	0.20	.003	2	< 0.01
				Yellowish or greenish-grey, medium-grained granite. Quartz, feldspar		26	27	0.06	0.04	0.03	< 0.1	2.0	< 0.01	0.18	.002	7	< 0.01
				and biotite partly or wholly replaced by fluorite, chlorite,		27	28	0.03	0.04	0.04	< 0.1	2.7	< 0.01	0.67	.005	7	< 0.01
				siderite serpentine, and clay minerals and sulphides mostly pyrite		28	29	< 0.01	0.02	0.01	< 0.1	< 0.1	< 0.01	0.10	.002	2	< 0.01
				with minor pyrrhotite and (?) chalcopyrite and veins of sphalerite.		29	30	0.08	0.03	0.02	< 0.1	0.6	< 0.01	0.21	.002	6	< 0.01
				18.3-18.6m, grey-green clays with purplish (?) quartz		30	31	0.59	0.38	0.58	< 0.1	11.7	0.11	6.56	.019	96	< 0.01
				24.2-25.1m, very broken zone (RQD = 0%) ((?)fault).		31	32	0.39	0.25	0.40	< 0.1	13.0	0.12	4.94	.011	56	< 0.01
				A pyrite vein cuts core at 55° to core axis.		32	33	0.04	0.04	0.04	< 0.1	9.5	0.03	0.15	.005	22	< 0.01
				27.0-27.5m, sulphide rich zone, fine to medium-grained pyrite, a lot		33	34	2.10	1.40	1.98	0.4	20.2	0.17	2.61	.115	310	0.03
				of the pyrite has been leached from the rock core is very broken.		34	35	1.60	1.00	1.42	< 0.1	14.8	0.17	2.48	.069	240	0.02
				Feldspar is present.		35	36	0.58	0.43	0.56	0.1	21.4	0.21	1.41	.086	155	0.01
				30.3-31.2m, massive sphalerite, pyrite and serpentine, chlorite.		36	37	0.29	0.20	0.35	0.2	26.8	0.09	5.67	.050	67	< 0.01
				Core below this band carries abundant sulphide up to 30%, consisting		37	38	0.14	0.11	0.14	< 0.1	10.2	0.04	0.90	.014	36	0.01
				either of pyrite-serpentine bands or massive pyrite-sphalerite		38	39	0.05	0.03	0.03	< 0.1	4.2	0.02	0.28	.001	11	0.01
				(+ fluorite)-chlorite (?) quartz bands. Granitic texture is													
				generally retained. Sulphides appear to be replacing one of the feldspars													
				and (?) quartz.													
				35.4-37.7m, massive sphalerite-pyrite-pyrrhotite with fluorite-													
				quartz bands. Pyrite often occurs as fibrous feathery laths.													
				Granitic texture is retained but pyrite is replacing (?) feldspar.													

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