

LOCATION	Bulgobac, North Pinnacles	Depth	60	Direction		Dip.		COLLAR DIP.	-55°	TOTAL DEPTH	128.0m
OBJECTIVE	To tes: Geochemical and I.P. anomalies		90					DIRECTION	270° True	HOLE SIZE	NQ 38m BQ 128m
			120					R.L.	605m	COMMENCED	11.3.'80
RESULT	The I.P. and Pb geochemical anomalies were adequately tested by the drill hole. No economic mineralisation was intruded.							COORDINATES	5,387,100mN 379,310mE	COMPLETED	31.3.'80
								Grid	5,387,078mN 379,007mE	LOGGED BY	J. Mill A Mollison

DEPTH (m)		ROCK DESCRIPTION REFER DDH SUMMARY SHEET A1-521-0054	MINERALISATION	SAMPLE NO.	FROM	TO	CORE REC'D	ASSAY DATA per ppm							CORE REC'D			
FROM	TO							Sample Length	Pb	Zn	Cu	Ag - g/t	Au - g/t	Fe	Mn	RUN	SHORT	
0	4.	Rhyolite orange-grey fine grained porphyritic rhyolite - weathered	Limonitic	29771	0	5	3.0	5.0	365	220	20			3.3%	115	0	-	
				772	5	10	2.0	5.0	480	395	20				3.4%	190	2.0	0.4
				773	10	15	2.0	5.0	505	355	20				2.3%	160	3.0	0.3
4	13.5	Rhyolitic Fragmental As above with subtle fragmental texture. Minor chloritised fragments. Porphyritic texture of feldspar, up to 3mm diameter, minor quartz in fine grained ground - mass.	Limonitic	774	15	20	4.8	5.0	850	330	10			1.8%	105	4.0	0.4	
				775	20	25	3.0	5.0	2250	355	25				2.4%	70	10	4.0
				776	25	30	3.7	5.0	2150	430	20				2.0%	215	11	0.3
				777	30	35	4.8	5.0	2300	1850	20				2.0%	50	12	0.4
				778	35	40	4.4	5.0	1000	1700	10				8500	70	13	0.4
				779	40	45	5.0	5.0	2450	2950	30				1.2%	105	14	-
				29780	45	50	5.0	5.0	3800	1.1%	60				1.9%	330	15	0.5
13.5	21.5	Rhyolitic Fragmental Dark-pale green mottled texture consisting of dark green chloritic blobs and fiamme like fragments in an orange porphyritic fine grained, ground mass - weathered	Limonitic	781	50	55	4.7	5.0	770	3950	15			1.0%	330	16	-	
				782	55	60	4.9	5.0	1400	2550	15				1.8%	415	19	-
				783	60	65	5.0	5.0	1400	2700	20				1.9%	565	20	0.2
				784	65	70	5.0	5.0	2950	4100	25				1.3%	520	22	0.3
				785	70	75	5.0	5.0	185	360	10				4650	300	23	1.6
				786	75	80	4.0	5.0	310	590	10				6200	460	28	0.9
				787	80	85	5.0	5.0	250	900	5				4800	320	30	0.3
21.5	30.1	Rhyolitic Breccia Orange porphyritic rhyolite, brecciated in places, fragments up to 6cm diameter. Feldspar and quartz phenocrysts up to 3mm diameter in a fine grained feldsparphyric matrix.	Limonite stained joints and local manganese staining	788	85	90	5.0	5.0	2000	3100	20			5200	475	31	0.1	
				789	90	95	5.0	5.0	2900	1.05%	55				1.1%	730	34	0.2
				29790	95	100	4.8	5.0	3500	4900	45				6950	660	37	0.1
				791	100	105	5.0	5.0	1650	7350	20				1.0%	1200	38.5	0.5
				792	105	110	4.5	5.0	465	850	5				2.7%	1250	41.5	0.8
																	44.5	-
																	49.5	-
30.1	64	Rhyolite Breccia Grey to pale green & pink fragments of occasionally banded rhyolite in a matrix of quartz, feldspar and chlorite. Feldspar locally incipiently epidotised.	Disseminated pyrite occurs as vein infillings up to 10% of core volume, average 1-3% associated with fine grained traces of galena & sphalerite. Disseminated pyrite occurs in trace amounts within rhyolite.	33059	34						Thin section sample			Rhyolite or trachytic lava weakly mineralised.	50.5	-		
																51.5	-	
																53.5	-	
																54.3	-	
																56.5	-	
																57.5	0.1	
																58.5	-	
64	92	Rhyolite grey-pale green massive porphyritic, siliceous rhyolite. Small phenocrysts of feldspar in a fine grained siliceous ground-mass. Locally subtly flow banded ie 86.5-87.5m. Epidote and chlorite alteration on fractures, particularly epidotised at 64m	Trace fine grained galena and sphalerite as fracture filling up to 1% between 88.5-92m. 64-88.5 The rhyolite itself is virtually unmineralised except for fine trace pyrite throughout and occasional blebs of sphalerite.	061	92.5									Trachyte	60.5	-		
				062	98										Mineralised porphyritic rhyolite	63.5	-	
				063	107.4										Altered quartz-trachyte	66.5	-	
																67.5	-	
																69.5	-	
														72.5	-			
														74.8	-			

SEE C.M.S. REPORT 80/4/24

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