Stellar Resources Ltd

EL1/2004 Ramsay, Arthur Dam prospect

Diamond drill hole **AD006**

Collar coordinates (GPS,AMG) 369295mE 5406906mN
RL 642 m (estimate from 1:25000 topo map)
Length 211.9 m
Azimuth (AMG) 105º
Dip -75^0
Drilled: 10.8.06 - 22.8.06, OME Drilling Pty Ltd
Drill: Mindrill 66, HQ double tube
Logged: Nic Turner

Geology			Structure		Core Assays		Sample	Ni	Cu	Pb	Zn	Ag	As	Sn	S	Au	Pt	Element
From (m)	To (m)	Description	Depth (m)	Alpha^0	From (m)	To (m)	Number	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	Units
0	9.75	Banded, fine grained, dark green to black, altered volcanics or	9.8	So 65				AAS	AAS	AAS	AAS	AAS	AAS	XRF	Leco	50 gm FA	50 gm FA	Method
		volcaniclastics with a few, thin, calcite veins. Foliation becomes						10	10	10	10	1	50	10	0.01%	0.01 ppm	0.01 ppm	Sensitivity
		stronger downwards. Alteration minerals are chlorite, talc and possible			122	122.9	142155	240	20	30	250	2	50	<10	NA	<0.01	NA	
		serpentinite. Minor limonite and clay in top 0.5 m.			122.9	124.1	142156	100	370	60	150	4	<50	20	NA	<0.01	NA	
9.75	34.50	Foliated, dark green to black, medium- to coarse-grained, altered vol-	25.0	F 40	124.1	125	142157	140	370	40	130	3	50	<10	NA	<0.01	NA	
		caniclastics.			165	166	142052	230	20	20	60	2	<50	<10	<0.02	<0.01	<0.01	
34.5	38.55	Similar, but more even grained.	36	F 30	166	167	142053	250	30	80	190	2	100	<10	<0.02	<0.01	<0.01	
38.55	57.3	Altered, fragmental volcanics or volcaniclastics with clasts of porph-			167	168	142054	250	10	20	60	2	150	<10	<0.02	<0.01	<0.01	
		yritic andesite up to 70 mm across. Strong entrainment of fragments	45	F 50	168	169	142055	280	30	40	70	2	100	<10	<0.02	<0.01	<0.01	
		parallel to talcose foliation, which contains seams of fine grained,			169	170	142056	240	30	30	70	2	50	<10	<0.02	<0.01	<0.01	
		black ?graphite. No sulphide or magnetite. Very little veining.			170	171	142057	290	20	30	70	2	100	<10	<0.02	<0.01	<0.01	
57.3	64.23	Massive, medium grey, relatively even grained andesite. Pyrite			171	172	142058	310	40	30	90	2	200	<10	<0.02	<0.01	<0.01	
		coatings on a few fractures. Uncommon calcite veinlets.			172	173	142059	310	40	40	90	3	100	<10	0.02	<0.01	<0.01	
64.23	85.57	Foliated, fragmental volcaniclastics with interbeds of fine grained,	69.5	ORI F -50	173	174	142060	150	30	100	160	2	100	<10	0.05	<0.01	<0.01	
		pale grey sandstone. Clasts of porphyritic andesite with dark,	72	So 60	174	175	142061	280	60	100	140	3	100	<10	0.04	<0.01	<0.01	
		altered phenocrysts. Trace sulphide. Sparse, white, calcite veins up to			175	176	142062	170	70	200	320	3	150	<10	0.20	<0.01	<0.01	
		15 mm across.			176	177	142063	20	10	180	170	2	100	<10	<0.02	<0.01	<0.01	
85.57	101.1	Massive, even grained andesite and amygdular andesite. Brecciated	85.57	So 70	177	178	142064	50	30	150	130	3	150	10	<0.02	<0.01	<0.01	
		near base with calcite infillings. Calcite alteration throughout.			178	179	142065	30	10	20	80	2	100	<10	<0.02	<0.01	<0.01	
101.1	122.9	Foliated, fragmental, andesitic rocks. Less talcose than above. Sparse	106.5	F 45	179	180	142066	70	70	60	150	3	150	30	0.57	<0.01	<0.01	
		calcite veinlets up to 50 mm across.	116.3	F 60	180	181	142067	90	80	30	170	4	150	<10	0.17	<0.01	<0.01	
122.9	124.1	Massive, fine grained, silicified interval with about 5% blebs of			181	182	142068	90	70	20	170	4	200	10	0.19	<0.01	<0.01	
		disseminated pyrrhotite and trace chalcopyrite.			182	183	142069	100	40	30	330	4	150	30	0.33	<0.01	<0.01	
124.1	153.5	Foliated, talcose, even grained and fragmental rocks with black, fine	130.5	F 60	183	184	142070	90	70	40	200	4	100	30	0.53	<0.01	<0.01	
		grained ?graphite forming seams in the foliation. Calcite-quartz veins	150	F 50	184	186	142071	70	80	50	160	4	200	20	0.76	<0.01	<0.01	
		present.			186	188	142072	60	130	40	160	4	150	<10	0.38	<0.01	<0.01	
153.5	156.7	Massive, non-talcose, fragmental, andesitic rocks with clasts of			188	189	142073	60	220	20	150	4	150	<10	0.09	<0.01	<0.01	
		andesite and pale, fine grained sandstone up to 30 mm across.	160	F 45	189	190	142074	80	330	30	180	5	150	10	0.08	<0.01	<0.01	
156.7	173.2	Foliated, talcose, even grained and fragmental andesitic rocks. Quartz-			190	191	142075	70	300	30	320	4	150	10	0.10	<0.01	<0.01	
		carbonate veins up to 20 mm across are abundant from168.1 m. Most			191	192	142076	50	230	520	1320	37	150	30	0.64	<0.01	<0.01	
		are parallel to foliation.			192	193	142077	60	120	150	800	8	100	50	0.51	<0.01	<0.01	
173.2	174.25	Massive, fine grained, medium grey, siliceous (?silicified) sandstone.	173.2	So, F 65	193	194	142078	70	210	30	160	5	150	20	0.07	<0.01	<0.01	
		Common quartz and quartz-carbonate veinlets.			194	195	142079	70	200	30	130	5	150	30	0.03	<0.01	<0.01	
174.25	175.2	Foliated, fragmental andesitic rocks with abundant quartz-calcite and			195	196	142080	60	160	20	110	4	100	10	0.13	<0.01	<0.01	
		calcite veinlets, mainly sub-parallel to foliation. Trace fuchsite present.			196	197	142081	70	300	30	130	5	100	50	0.09	<0.01	<0.01	
175.2	211.9	Medium brownish-grey to grey, medium grained sandstone with minor	175.2	So, F 50	194	198	142082	60	190	30	140	4	50	20	0.20	<0.01	<0.01	
		interbanded, dark grey siltstone. Generally massive, but the sandstone			198	199	142083	50	60	30	170	4	150	60	0.29	<0.01	<0.01	
		is disrupted and entrained with the siltstone parallel to foliation in	187.8	S0 55	199	200	142084	50	90	40	140	3	150	50	0.23	<0.01	<0.01	
		places. Contact with overlying andesitic rocks is sharp and parallel			200	201	142085	40	140	40	150	3	100	40	0.20	<0.01	<0.01	
		to foliation. Abundant milky quartz veins up to 10 mm across and	195.4	So 70	201	201.8	142086	20	1160	43700	70500	190	9000	<10	12.9	0.66	0.05	
		minor silicification from 175.2 to 176.5 m where core is very broken with			201.8	203	142087	110	120	190	390	7	150	50	1.02	<0.01	<0.01	
		minor limonite and clay on many fractures. A few thin (3 mm) veinlets	206	So 40	203	204	142088	80	100	120	220	7	150	<10	1.06	<0.01	<0.01	

Geology			Structure		Core Assays		Sample	Ni	Cu	Pb	Zn	Ag	As	Sn	S	Au	Pt	Element
From (m)	To (m)	Description	Depth (m)	Alpha^0	From (m)	To (m)	Number	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	Units
		with pyrite, pyrrhotite and trace chalcopyrite near 183.5 m. Leached			204	205	142089	90	90	40	210	4	150	20	0.97	<0.01	<0.01	
		cavities after carbonate are common from 185.3 to 197.9 m. A banded	211.2	So, F 65	205	206	142090	90	80	90	310	5	200	40	0.73	<0.01	<0.01	
		milky quartz-sulphide-siderite vein occurs 201-201.8 m. The			206	207	142091	80	100	60	270	5	100	20	1.13	<0.01	<0.01	
		sulphides include galena-sphalerite-minor pyrrhotite-?pyrite-?arseno-			207	208	142092	60	70	30	170	6	150	70	0.35	<0.01	<0.01	
		pyrite. There are minor veins of carbonate-pyrrhotite-trace chalco-			208	209	142093	100	100	30	170	5	100	20	0.16	<0.01	<0.01	
		pyrite from 201.8 to 205.5 and negligible veining after 205.5.			209	210	142094	90	100	40	150	4	100	<10	0.41	<0.01	<0.01	
211.9		EOH			210	211	142095	80	100	30	130	5	100	10	0.14	<0.01	<0.01	
					211	211.9	142096	70	90	60	180	4	50	20	0.35	<0.01	<0.01	

Structural symbols: So bedding; F foliation; ORI oriented core.

Camera surveys

Depth (m)	AMG Azimuth	Dip
30	104.5	75.5
60	106.5	76
90	108	76
120	111.5	76
150	111.5	76
180	106.5	76
210	107.5	76

Duplicates

Sample	Ni	Cu	Pb	Zn	Ag	As	Sn	S	Au	Pt	Element
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	Units
142056	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<0.01	<0.01	Method
142069	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<0.01	<0.01	Sensitivity
142071	n/a	n/a	n/a	n/a	n/a	n/a	20	0.77	n/a	n/a	
142074	80	330	30	170	5	150	n/a	n/a	n/a	n/a	
142084	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<0.01	<0.01	
142091	n/a	n/a	n/a	n/a	n/a	n/a	30	1.00	n/a	n/a	
142096	70	100	60	180	4	100	n/a	n/a	n/a	n/a	
142157	140	370	20	110	2	50	n/a	n/a	n/a	n/a	