Stellar Resources Ltd

EL1/2004 Ramsay, Arthur Dam prospect

Diamond drill hole **AD007**

Collar coordinates (GPS,AMG) 370005mE 5406787mN
RL 638 m (estimate from 1:25000 topo map)
Length 377.5 m
Azimuth (AMG) 303^0
Dip 45^0
Drilled: 28.8.06-18.9.06, 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	Au	Element
From (m)	To (m)	Description	Depth (m)	Alpha^0	From (m)	To (m)	Number	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Units
0	42	Moderately to weakly weathered intervals indispersed with strongly						AAS	AAS	AAS	AAS	AAS	AAS	XRF	50 gm FA	Method
		weathered, clayey intervals. Limonite on fractures. Derived from	15.8	So 20				10	10	10	10	1	50	10	0.01 ppm	Sensitivity
		grey, poorly sorted, quartz-poor, non-magnetic, greywacke sandstone	26	So 35	273	274	142098	100	50	10	110	3	150	160	<0.01	
		and interbedded dark grey siltstone. Sandstone is massive, but there is			274	275	142099	100	130	10	160	3	150	140	<0.01	
		rough cleavage in some siltstone intervals.			275	276	142100	110	1240	<10	200	6	300	150	<0.01	
42	63.95	Similar sandstone and siltstone. Unweathered except for clayey or	39	So 20	276	277	142101	80	300	<10	140	3	150	120	<0.01	
		limonitic fractures. Scattered, thin chlorite-?feldspar-pyrite veinlets of	62.25	So 10	277	278	142102	100	170	10	110	3	350	180	<0.01	
		up to 10 mm width and varied orientation.			278	279	142103	100	800	<10	130	4	450	100	<0.01	
63.95	122.5	Similar sandstone and siltstone. Unweathered except for a little clay	93	So 0	279	280	142104	110	1050	<10	120	4	1400	140	<0.01	
		on some fractures. Non-magnetic. Sparse chlorite-feldspar-pyrite and	108	So 10	280	281	142105	100	280	<10	130	3	150	120	<0.01	
		pyrite veinlets up to 5 mm thick and of varied orientation. A little pyrrho-			281	282	142106	100	1760	<10	120	5	4350	170	<0.01	
		tite in veins at 86 m. Veinlets a little more common after 110 m. Most			282	283	142107	80	500	10	90	3	200	140	<0.01	
		veinlets display alpha angles 0-45, some veinlets display alpha angles			283	284	142108	90	450	10	230	3	100	150	<0.01	
		of 45-60, while only a few display angles of 60-90.			284	285	142109	90	370	20	80	3	50	130	<0.01	
122.5	153.3	Similar non-magnetic sandstone and siltstone. Veinlets common, but	128	ORI So -40	285	286	142110	90	670	10	90	3	100	150	<0.01	
		less than 5% by volume of the rock. Mostly chlorite-?feldspar-pyrite and	137.6	So 40	286	287	142111	70	1340	180	270	17	100	180	<0.01	
		quartz-pyrite with alpha angles 0-60. Pale silicate alteration is marginal to	153.3	So 45	287	288	142112	130	2920	20	220	9	250	190	<0.01	
		some veinlets.			288	289	142113	90	520	20	110	4	150	190	<0.01	
153.3	176.3	Similar rocks though coarse grained sandstone more abundant. Veinlets			289	290	142114	80	600	10	120	4	100	170	<0.01	
		less common, but alpha angles still mostly 0-60. A pyrrhotite- chalco-	171.9	So 10	290	291	142115	100	330	<10	150	4	100	180	<0.01	
		pyrite-quartz veinlet 10 mm wide occurs at 161 m and is the first of its type			291	292	142116	90	1330	<10	170	5	1300	140	<0.01	
		to appear.			292	293	142117	80	130	10	120	3	50	140	<0.01	
176.3	185.8	Interlayered greywacke sandstone, siltstone and green basalt.			302.2	303.2	142118	100	310	10	120	4	350	110	<0.01	
185.8	225.4	Back to grey, fine- to coarse-grained, greywacke sandstone and inter-	186	So 10	303.2	303.5	142119	80	7970	20	370	14	79500	90	0.26	
		bedded dark grey siltstone. Non-magnetic. Veinlets common 185.8-190.3,	201	So 15	303.5	304.5	142120	80	560	10	180	4	2050	120	<0.01	
		but they are thin (up to 5 mm) and comprise less than 5% of rock. Most	213	So 5												
		consist of granular milky quartz, minor pyrrhotite, trace chalcopyrite and														
		an unidentified black mineral. A few veinlets are chloritic. Pyrrhotite-														
		bearing veinlets become more common after 211.95 m.														
225.4	239	Similar non-magnetic sandstone and siltstone. Scattered massive and	227	So 20												
		semi-massive pyrrhotite-minor chalcopyrite-quartz veins are prominent &														
		range 1-140 mm in thickness. Their cumulative thickness in the interval is														
		445 mm which is equivalent to 3.3% by volume. Their alpha angles range	236	So 25												
		0-60.														
239	274.3	Similar non-magnetic sandstone and siltstone. Faces downhole on graded	246	So 20												
		beds at 262.9 m. Veinlets sparse 239-245 m, more common 245-249 m	262.9	So 45												
		and sparse 249-274.3 m.														

Duplicates

Sample	Ni	Cu	Pb	Zn	Ag	As	Sn	Au	Element
Number	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Units
	AAS	AAS	AAS	AAS	AAS	AAS	XRF	50 gm FA	Method
	10	10	10	10	1	50	10	0.01 ppm	Sensitivity
142104	n/a	n/a	n/a	n/a	n/a	n/a	100	<0.01	
142119	80	7890	20	390	16	84100	90	n/a	

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

Geology			Structure		Core Assays		Sample	Ni	Cu	Pb	Zn	Ag	As	Sn	Au	Element
From (m)	To (m)	Description	Depth (m)	Alpha^0	From (m)	To (m)	Number	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Units
274.3	290.1	Similar non-magnetic sandstone and siltstone. Abundant pyrrhotite veinlets throughout the interval with most less than 5 mm in thickness. Very varied orientations of veins, but most alpha angles less than 45. Veinlets commonly crosscut one another. About 5% by volume of veinlets in the overall interval. Chalcopyrite is present in many veinlets and carbonate in some.	276.1	So 40												
290.1	303.2	Similar rocks, but veinlets sparse.	299	So 25												
303.2	303.5	Similar rocks with three exceptional veins of 75 mm, 90 mm and 50 mm thickness. All veins consist of massive pyrrhotite with minor chalcopyrite.														
303.5	328	Similar sandstone and siltstone with minor disseminated pyrrhotite. Sparse veinlets.	312	So 35												
			319.5	So 30												
328	334.5	Distinctive thin bedded, fine grained sandstone and siltstone. Facing up-hole at 337 m. Very thin pyrrhotite bands in sandstone near 330 m. Also, there are thin, cross-cutting pyrrhotite veinlets and a few carbonate veinlets.	330	So 30												
334.5	377.5	Greywacke sandstone and siltstone with a little dark grey mudstone. Thin pyrrhotite veinlets (less than 2 mm thick) are common to 341 m and sparse after 376.5 m. Patches of minor, disseminated pyrrhotite occur.	337	So 30												
			343.5	So 20												
			356.5	So 20												
377.5		EOH	368.5	So 40												

Camera surveys

Depth (m)	AMG Azimuth	Dip
30	308.0	44.5
60	305.5	45.0
90	302.5	44.5
120	302.5	46.0
150	304.5	42.5
180	?	41.0
210	307.5	41.0
240	305.5	39.0
270	307.0	39.0
330	308.0	35.0
360	308.5	34