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Tenement	MC 27986
Project Name	MC Longgreen
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Commodity	Gold
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250,000K Mapsheet	Pine Creek
100,000K Mapsheet	Batchelor
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Abstract

MC 27986 was granted to Nicole Adamson and Antony Zebisch on the 6th December 2010. MC 27986 was applied for to explore for the potential of gold mineralisation. To the NNW of MC 27986 are the historic workings of Mistake Reef and Karfees Reef. To the SSE are substantial exploration and mining activities that include Mt Tymm, Bridges Creek and Howley's Ridge. Initial exploration involved several field trips to assess the area and to determine the best course of initial exploration. In this reporting period a selective campaign of rock chip sampling was undertaken to determine the presence of mineralised outcrop. MC 27986 is underlain by sediments of the Burrell Creek Formation with extensive Quaternary cover. The succession is primarily composed of a greywacke siltstone sequence, with subordinate mudstones and quartzite. Mineralisation is structurally controlled within faulting and anticlinal folding and it is within these structures that sampling was concentrated.

Location

MC 27986 is located 1.25km east on Strickland Rd on the Pine Creek 1:250,000 and Batchelor 1:100,000 Map sheets. Strickland Road connects the Stuart Hwy approximately 4km north of the township of Adelaide River N.T. (see fig 1)

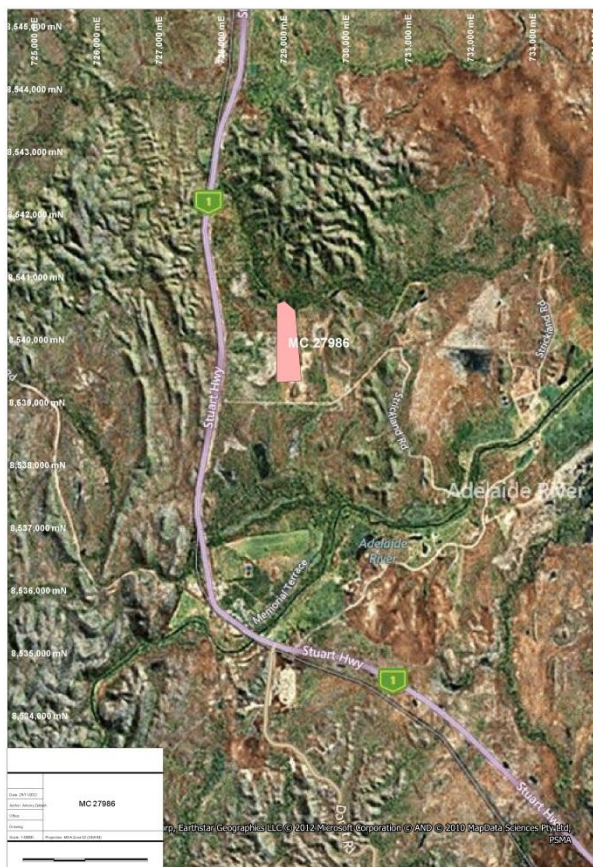


Fig 1.

MC 27986 is a mineral claim that covers approximately 40 Ha located on Freehold land.

Geology

Sediments of the Burrell Creek Formation, consisting of greywacke siltstones and subordinate mudstones and quartzites, underlie extensive Quaternary cover. The high relief that is evident within the mineral claim consist of folded and faulted Burrell Creek formation lithology. It is these outcrops that rock chip sampling was concentrated on.

Rock chip sampling

A total of 41 rock chip samples were selected for Au analysis, of which 23 of these were assayed for Pt, Pd and Ag, with LGGs0037 assaying at 34.6 g/t (see table 1). The LGGs0037 sample was selected from an approximately 40cm thick flat lying iron rich quartz vein, outcropping in what is interpreted to be a faulted anticlinal structure of Burrell Creek Greywacke.

Table 1. Rock chip assay results and coordinates

Sample		Location			Survey Sample Statistics					
Sample Type	Sample Number	Zone	GDA East (m)	GDA North (m)	Au 1 (ppb)	Au 1 (ppm)	Au 2 (ppm)	Pt (ppb)	Pd (ppb)	Ag (ppb)
Rock Chip	LGGs0001	52	729163	8539637	3.00	N/A	N/A	0.5	<0.5	<0.5
Rock Chip	LGGs0002	52	729163	8539637	2.00	N/A	N/A	<0.5	<0.5	<0.5
Rock Chip	LGGs0003	52	729155	8539651	2.00	N/A	N/A	<0.5	<0.5	<0.5
Rock Chip	LGGs0004	52	729078	8539642	2.00	N/A	N/A	<0.5	<0.5	<0.5
Rock Chip	LGGs0005	52	729077	8539640	2.00	N/A	N/A	<0.5	<0.5	<0.5
Rock Chip	LGGs0006	52	729118	8540139	3.00	N/A	N/A	<0.5	<0.5	<0.5
Rock Chip	LGGs0007	52	729074	8540143	21.00	N/A	N/A	<0.5	<0.5	<0.5
Rock Chip	LGGs0008	52	729114	8540142	2.00	N/A	N/A	<0.5	<0.5	<0.5
Rock Chip	LGGs0009	52	729108	8540330	2.00	N/A	N/A	<0.5	<0.5	<0.5
Rock Chip	LGGs0010	52	729109	8540334	2.00	N/A	N/A	<0.5	0.5	<0.5
Rock Chip	LGGs0011	52	728908	8540159	11.00	N/A	N/A	0.6	<0.5	<0.5
Rock Chip	LGGs0012	52	728941	8540245	11.00	N/A	N/A	0.6	0.60	<0.5
Rock Chip	LGGs0013	52	729085	8540092	348.00	N/A	N/A	<0.5	<0.5	<0.5
Rock Chip	LGGs0014	52	729085.5	8540092	36.00	N/A	N/A	0.6	0.50	<0.5
Rock Chip	LGGs0015	52	729086	8540092	51.00	N/A	N/A	0.5	<0.5	<0.5
Rock Chip	LGGs0016	52	729094	8540086	54.00	N/A	N/A	<0.5	<0.5	<0.5
Rock Chip	LGGs0017	52	729088	8540088	284.00	N/A	N/A	<0.5	<0.5	<0.5
Rock Chip	LGGs0018	52	729083	8540090	74.00	N/A	N/A	<0.5	<0.5	<0.5
Rock Chip	LGGs0019	52	729054	8540097	>2000	16.00	N/A	0.8	1.00	0.90
Rock Chip	LGGs0020	52	728924	8540145	394.00	N/A	N/A	<0.5	<0.5	<0.5
Rock Chip	LGGs0021	52	728977	8540167	8.00	N/A	N/A	<0.5	<0.6	<0.5
Rock Chip	LGGs0022	52	728940	8540170	4.00	N/A	N/A	<0.5	<0.7	<0.5
Rock Chip	LGGs0023	52	728936	8540170	3.00	N/A	N/A	<0.5	<0.8	<0.5
Rock Chip	LGGs0024	52	728909	8540160	N/A	0.04	N/A	N/A	N/A	N/A
Rock Chip	LGGs0025	52	728924	8540152	N/A	0.02	N/A	N/A	N/A	N/A
Rock Chip	LGGs0026	52	728909	8540160	N/A	0.06	N/A	N/A	N/A	N/A
Rock Chip	LGGs0027	52	728909	8540160	N/A	0.06	N/A	N/A	N/A	N/A
Rock Chip	LGGs0028	52	728909	8540160	N/A	0.07	N/A	N/A	N/A	N/A
Rock Chip	LGGs0029	52	728909	8540160	N/A	0.04	N/A	N/A	N/A	N/A
Rock Chip	LGGs0030	52	728952	8540147	N/A	0.04	N/A	N/A	N/A	N/A
Rock Chip	LGGs0031	52	728952	8540163	N/A	0.02	N/A	N/A	N/A	N/A
Rock Chip	LGGs0032	52	728948	8540139	N/A	0.04	N/A	N/A	N/A	N/A
Rock Chip	LGGs0033	52	728949	8540132	N/A	0.05	N/A	N/A	N/A	N/A
Rock Chip	LGGs0034	52	728949	8540166	N/A	0.05	N/A	N/A	N/A	N/A
Rock Chip	LGGs0035	52	728942	8540202	N/A	0.04	N/A	N/A	N/A	N/A
Rock Chip	LGGs0036	52	729060	8540097	N/A	2.83	3.11	N/A	N/A	N/A
Rock Chip	LGGs0037	52	729060	8540096	N/A	34.60	34.60	N/A	N/A	N/A
Rock Chip	LGGs0038	52	729055	8540105	N/A	7.53	8.19	N/A	N/A	N/A
Rock Chip	LGGs0039	52	729051	8540109	N/A	2.79	3.02	N/A	N/A	N/A
Rock Chip	LGGs0040	52	729054	8540111	N/A	7.71	1.85	N/A	N/A	N/A
Rock Chip	LGGs0041	52	729060	8540097	N/A	6.00	6.26	N/A	N/A	N/A

Fig 2. Rock Chip Locations



Conclusions and recommendations

The rock chip assay results warrant further work on MC 27986. A drilling campaign needs to be conducted in order to determine the subsurface extent of this vein and to determine the economics of mining it.