
NEWS

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NEW HIGH GRADE PILBARA MANGANESE

DISCOVERY BY TALISMAN MINING

A new manganese discovery has been made in the Pilbara region of Western Australia with initial grades higher than the country's only onshore operating manganese mine – just 50 kilometres away.

The discovery – by listed iron ore explorer, Talisman Mining Limited – has sampled grades up to 64.96% manganese and averaging 50% manganese.

The samples are from Talisman's Wandanya project on ELA 46 / 764 located just 50 kilometres southwest of Consolidated Minerals' Woodie Woodie mine, which produces at an average quoted grade of 48% manganese.

Talisman Managing Director, Mr Steve Elliott, says the discovery was accidental – the Company at first believing its reconnaissance exploration for iron ore had identified the region's well known Marra Mamba Iron formations.

At least two of the outcrop samples of massive pyrolusite contain high grade manganese in excess of 60% manganese and were just 175 metres apart.

A second distinct style of mineralisation was also identified, comprising more moderate grade mixtures of manganese and iron.

"We consider the discovery as very significant given the close proximity of the Woodie Woodie operation, and the grade premium," Mr Elliott said.

"In addition, the outcrop samples of iron formation assayed up to 53.85% iron so there is potential for a future dual manganese – iron operation.

"Although not originally pegged for its unforeseen manganese potential, the Company is confident that these preliminary results are an opportunity to define a substantial manganese resource in an established manganese mining field.

"Manganese will therefore present a significant and viable target compliment to Talisman's iron ore focus."

The small footprint of the Wandanya project area was only recently pegged by Talisman while targeting a projected northern extension of the Marra Mamba Iron Formation.

Geological setting consistent with Pilbara styles

Mr Elliott said the discovery's geological setting was consistent with that of the majority of the manganese deposits in the East Pilbara Manganese Province.

"Several small outcrops of dolomite occur proximal to the sample sites and it is probable that this is the Carawine Dolomite, host to the majority of deposits in the province," he said.

"The Wandanya occurrence is also situated proximal to a major fault structure which appears to have a spatial relationship with a number of other manganese deposits in the area."

The two small outcrops of sampled iron formation, Mr Elliott says, are possibly the interpreted northern extension of the Marra Mamba, and were located adjacent to and immediately west of the manganese outcrops.

"These high iron outcrops appear to be a continuation of the east to west manganese – manganese / iron – iron trend," Mr Elliott said. The Wandanya assay results from outcropping are as follows:

Sample	Fe %	SiO2 %	Al2O3 %	Mn %	P %	S %	LOI %
TR10301	53.47	10.28	3.07	0.82	0.049	0.213	6.92
TR10303	53.85	8.52	2.22	0.55	0.194	0.133	9.4
TR10309	23.28	4.72	1.11	36.34	0.042	0.114	11.57
TR10310	<0.01	1.98	0.54	64.96	0.057	0.098	10.83
TR10311	20.34	3.21	0.97	40.77	0.044	0.113	11.59
TR10312	<0.01	5.47	1.71	61.18	0.074	0.091	11.58
TR10313	11.98	3.07	2.37	46.87	0.034	0.121	11.52

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