Empire Metals Limited Announces Drilling Outlines Large, High-Grade Zone

18.08.2025 | ACCESS Newswire

Major Drilling Campaign Outlines Large, High-Grade Zone

Empire Metals Ltd.,theAIM-quoted and OTCQB-tradedexploration and development company,is pleased to report outstanding assay results from its latest drilling campaign at the Pitfield Project in Western Australia ('Pitfield' or the 'Project'). This programme, focused on the in-situ weathered cap at the Thomas Prospect, has delivered some of the highest titanium dioxide ('TiO?') grades recorded to date and will underpin the Company's maiden JORC-compliant Mineral Resource Estimate ('MRE').

Highlights

- Selected exceptional intercepts (>6% TiO_2), include:
- 44m @ 7.87% TiO_2 from surface (AC25TOM159)
- 50m @ 7.84% TiO_2 from 4m (AC25TOM130)
- 54m @ 7.41% TiO_2 from surface (AC25TOM118)
- 98m @ 7.05% TiO_2 from 2m (RC25TOM062)
- 98m @ 7.05% TiO_2 from 2m (RC25TOM068)
- Large, high-grade central core identified averaging circa 6% TiO_2 across a continuous 3.6km strike length.
- Nearly two thirds of all drillholes averaged > 4% TiO_2, with over 90% exceeding a 2% cut-off.

Shaun Bunn, Managing Director, said:"These results confirm the exceptional scale and grade of titanium mineralisation at Thomas. The continuity of high-grade mineralisation near surface is particularly exciting for future mine development. With assays received ahead of schedule, we can now accelerate resource modelling and move rapidly towards announcing our maiden MRE."

MRE Drilling Programme - Key Results

Since commencing the maiden drilling campaign at Pitfield on 27 March 2023 Empire has completed 382 drill holes for a total 32,265 metres (refer Figure 1) comprising:

- 17 Diamond drill holes for 2,704 m

- 140 Reverse Circulation (RC) drill holes for 18,764 m
- 225 Air Core (AC) drill holes for 10,797 m.

The latest May-June campaign comprised:

- 140 AC drillholes (6,360m) on a 400 x 200m grid, average depth 45.4m
- 40 RC drillholes (3,776m) within the AC grid, average depth 94.4m

Figure 1. Grey-scale magnetics overlain by airborne gravity data showing RC, AC and diamond drillhole collar locations and JORC Exploration Target areas.

During the campaign all drill holes were subsampled on a 2m interval, resulting in over 5,000 drill samples being collected, logged by our on-site team of geologists and then prepared for shipment to Intertek's Perth based analytical laboratory. The analytical assay results have now been received, showing continuous TiO_2 -rich mineralisation across the overall drillhole grid, which extends 5.2km by 2.6km and totals an area of 1,352 hectares (refer Figure 2).

The drilling has confirmed the presence of a large, high-grade central core at the Thomas prospect, this target being selected as the basis for the maiden MRE due to the extensive, thick and high-grade titanium mineralisation known to be hosted within the broad, in-situ weathered zone. Whilst over 90% of all drillhole sample assays show mineralisation well above a 2% TiO_2 cut-off grade this central high-grade core, extends over 3.6km north-south, averages around 6% TiO_2 (refer Table 1).

Average Grade (%TiO_2)	% of total drillholes	% of total drillholes remaining
0-2	10	100
2-3	7	90
3-4	20	83
4-5	30	63
5-6	20	33
6-7	10	13
7-8	3	3

Table 1. Breakdown of drillhole assay results by average grade of drillhole and percentage of total drilling.

Significant analytical assay results for each drillhole above 6% TiO_2 are reported in Table 2 further below.

Figure 2. RC and AC drill hole collar locations within the Thomas Prospect priority area.

Strategic Significance

The May-June campaign marked a major milestone in the development of Pitfield, laying the foundation for a globally significant MRE and enabling the identification of near-surface, high grade zones to support the development of mine planning and ore scheduling as part of upcoming economic evaluation studies.

Hole_ID	Easting	Northing	Depth From (m)	Depth To (m)	EOH	Interval	Grade TiO_2 (%)
AC25TOM052	372984	6726900	0	42	42	42	6.67
including			0	6		6	12.08
AC25TOM057	373000	6724913	2	62	62	60	6.22
including			2	28		26	8.99
AC25TOM066	373999	6724499	0	61	61	61	6.47
AC25TOM080	373859	6724096	4	57	57	53	6.49
AC25TOM081	373700	6724098	2	60	60	58	6.55
AC25TOM118	373199	6725301	0	54	54	54	7.41
AC25TOM123	374101	6725702	4	48	48	44	6.01
AC25TOM129	373801	6725298	2	58	58	56	6.23
AC25TOM130	373099	6725699	4	54	54	50	7.84
AC25TOM133	372898	6726156	8	45	45	37	6.04
AC25TOM136	373097	6726499	4	45	45	41	6.92
AC25TOM142	373898	6726503	0	47	47	47	6.11
AC25TOM149	373800	6726899	0	30	30	30	6.17
AC25TOM159	372799	6726902	0	44	44	44	7.87
including			4	18		14	9.42
AC25TOM164	372799	6727299	0	36	36	36	6.50
including			12	18		6	12.10
AC25TOM169	372898	6726499	8	41	41	33	7.28
AC25TOM183	373790	6724606	0	57	57	57	6.04
RC25TOM062	373070	6725900	2	100	100	98	7.05
RC25TOM033	373592	6724701	0	100	100	100	6.51
RC25TOM057	373193	6726301	14	100	100	86	6.10
RC25TOM063	373483	6724551	0	100	100	100	6.87
RC25TOM068	373313	6725107	2	100	100	98	7.05
including			18	34		16	9.81

RC25TOM071	373176	6725501	0	100	100	100	6.95

Table 2. Significant Intercepts above 6% TiO_2.

The Pitfield Titanium Project

Located within the Mid-West region of Western Australia, near the northern wheatbelt town of Three Springs, the Pitfield titanium project lies 313km north of Perth and 156km southeast of Geraldton, the Mid West region's capital and major port. Western Australia is a Tier 1 mining jurisdiction, with mining-friendly policies, stable government, transparency, and advanced technology expertise. Pitfield has existing connections to port (both road & rail), HV power substations, and is nearby to natural gas pipelines as well as a green energy hydrogen fuel hub, which is under planning and development (refer Figure 3).

Figure 3. Pitfield Project Location showing theMid-West Region Infrastructure and Services

Competent Person Statement

The technical information in this report that relates to the Pitfield Project has been compiled by Mr Andrew Faragher, an employee of Empire Metals Australia Pty Ltd, a wholly owned subsidiary of Empire. Mr Faragher is a Member of the Australian Institute of Mining and Metallurgy. Mr Faragher has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Faragher consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

Market Abuse Regulation (MAR) Disclosure

Certain information contained in this announcement would have been deemed inside information for the purposes of Article 7 of Regulation (EU) No 596/2014, as incorporated into UK law by the European Union (Withdrawal) Act 2018, until the release of this announcement.

ENDS

For further information please visit www.empiremetals.co.uk or contact:

Empire Metals Ltd
Tel: 020 4583 1440
Shaun Bunn / Greg Kuenzel / Arabella Burwell

S. P. Angel Corporate Finance LLP (Nomad & Broker)
Tel: 020 3470 0470
Ewan Leggat / Adam Cowl

Shard Capital Partners LLP (Joint Broker)
Tel: 020 7186 9950
Damon Heath / Erik Woolgar

St Brides Partners Ltd (Financial PR)
Tel: 020 7236 1177
Susie Geliher / Charlotte Page

About Empire Metals Limited

Empire Metals is an AIM-listed and OTCQB-traded exploration and resource development company (LON: EEE) with a primary focus on developing Pitfield, an emerging giant titanium project in Western Australia.

The high-grade titanium discovery at Pitfield is of unprecedented scale, with airborne surveys identifying a massive, coincident gravity and magnetics anomaly extending over 40km by 8km by 5km deep. Drill results have indicated excellent continuity in grades and consistency of the mineralised beds and confirm that the sandstone beds hold the higher-grade titanium dioxide (TiO?) values within the interbedded succession of sandstones, siltstones and conglomerates. The Company is focused on two key prospects (Cosgrove and Thomas), which have been identified as having thick, high-grade, near-surface, bedded TiO? mineralisation, each being over 7km in strike length.

An Exploration Target* for Pitfield was declared in 2024, covering the Thomas and Cosgrove mineral prospects, and was estimated to contain between 26.4 to 32.2 billion tonnes with a grade range of 4.5 to 5.5% TiO_2. Included within the total Exploration Target* is a subset that covers the weathered sandstone zone, which extends from surface to an average vertical depth of 30m to 40m and is estimated to contain between 4.0 to 4.9 billion tonnes with a grade range of 4.8 to 5.9% TiO_2.

The Exploration Target* covers an area less than 20% of the overall mineral system at Pitfield which demonstrates the potential for significant further upside.

Empire is now accelerating the economic development of Pitfield, with a vision to produce a high-value titanium metal or pigment quality product at Pitfield, to realise the full value potential of this exceptional deposit.

The Company also has two further exploration projects in Australia; the Eclipse Project and the Walton Project in Western Australia, in addition to three precious metals projects located in a historically high-grade gold producing region of Austria.

*The potential quantity and grade of the Exploration Target is conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.

SOURCE: Empire Metals Limited