PATERSON PROJECT

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PROJECT LOCATION
AND REGIONAL GRAVITY
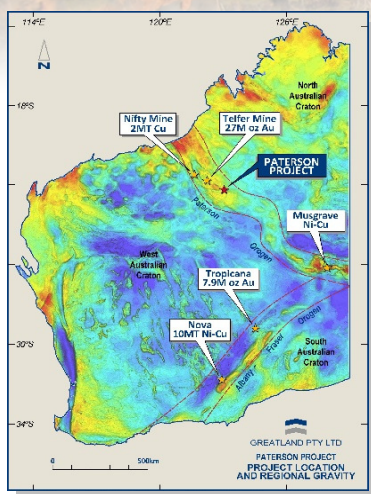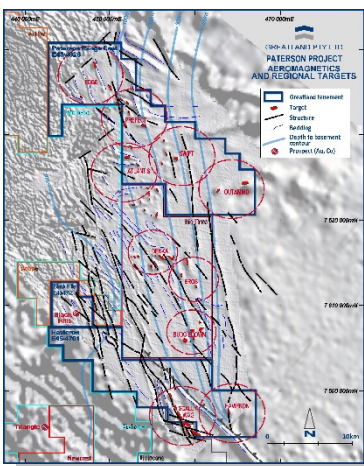
- Located 500km SE of Port Hedland and 40km E of Telfer
- IOCG-type and Telfer style deposit indicated
- 385km^2 of the Proterozoic Paterson Orogen of the Pilbara
- Good infrastructure with several operating mines, sealed roads, formed tracks and rail networks nearby
- Historic data
    - defines a drill ready 1,000m x 1,000m target
    - Rock chip up to 90g/t Au and drill intercepts including 4m @ 7g/t Au from 25m and peaks of 15.4g/t Au
- Additional regional targets also outlined
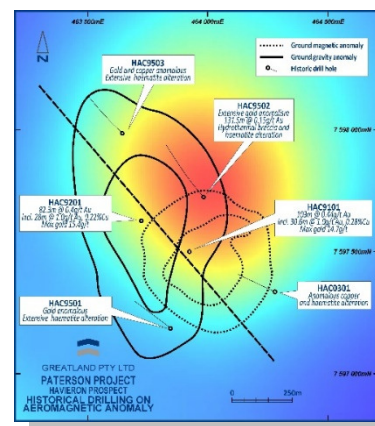
- Geophysics data outlines the Havieron target: 1,000m x 1,000m at a depth of 400m
- Historic drilling intersected significant alteration with gold and copper anomalies
    - Holes indicate high grade zones peaking at 15.4g/t Au and 2.5% Cu.
    - Drill target is open in all directions and at depth
- Alteration and mineralisation indicates an Iron Oxide Copper-Gold (IOCG)-type deposit
    Other IOCG-type deposits include large scale mines such as Olympic Dam and Ernest Henry in central and eastern Australia

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HAVIERON PROSPECT
HISTORICAL DRILLING ON
AEROMAGNETIC ANOMALY

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AEROMAGNETICS
AND REGIONAL TARGETS

- Several discrete zones of mineralisation identified over 5km of strike at Black Hills
- Gold mineralisation in rocks equivalent to those of the large Telfer gold deposit (27m oz) 30km to the west.
- Rock chip samples up to 90g/t gold, commonly 20g/t gold, with free (visible) gold in places
- Historical drill intercepts include 4m at 7.0g/t from 25m, 5m at 2.3g/t from 25m, 2m at 3.4g/t from 23m and 2m at 1.29g/t from 10m
- Proterozoic sandstone and carbonate rocks of the Yeneena Group formations are present
    - including the Telfer Formation, in a domal structure which is the equivalent geology to that of the large Telfer gold deposit
- Gold prospects extend from Black Hills into the north western parts of the Havieron licence

- Licence area is part of the Paterson Province in the northern part of the Proterozoic Paterson Orogen
    - Globally, Proterozoic orogens are highly prospective for large deposit and are often under-explored
    - Regionally, Proterozoic orogens host Tropicana (7.9M oz Au) and Nova (10MT Ni-Cu) deposits
- Numerous mines operate locally, including Tefler (27M oz Au), Nifty (2MT Cu), Magnum & Calibre (1.2M oz Au combined), O'Callaghans (78MT Cu)

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LOCATION MAP