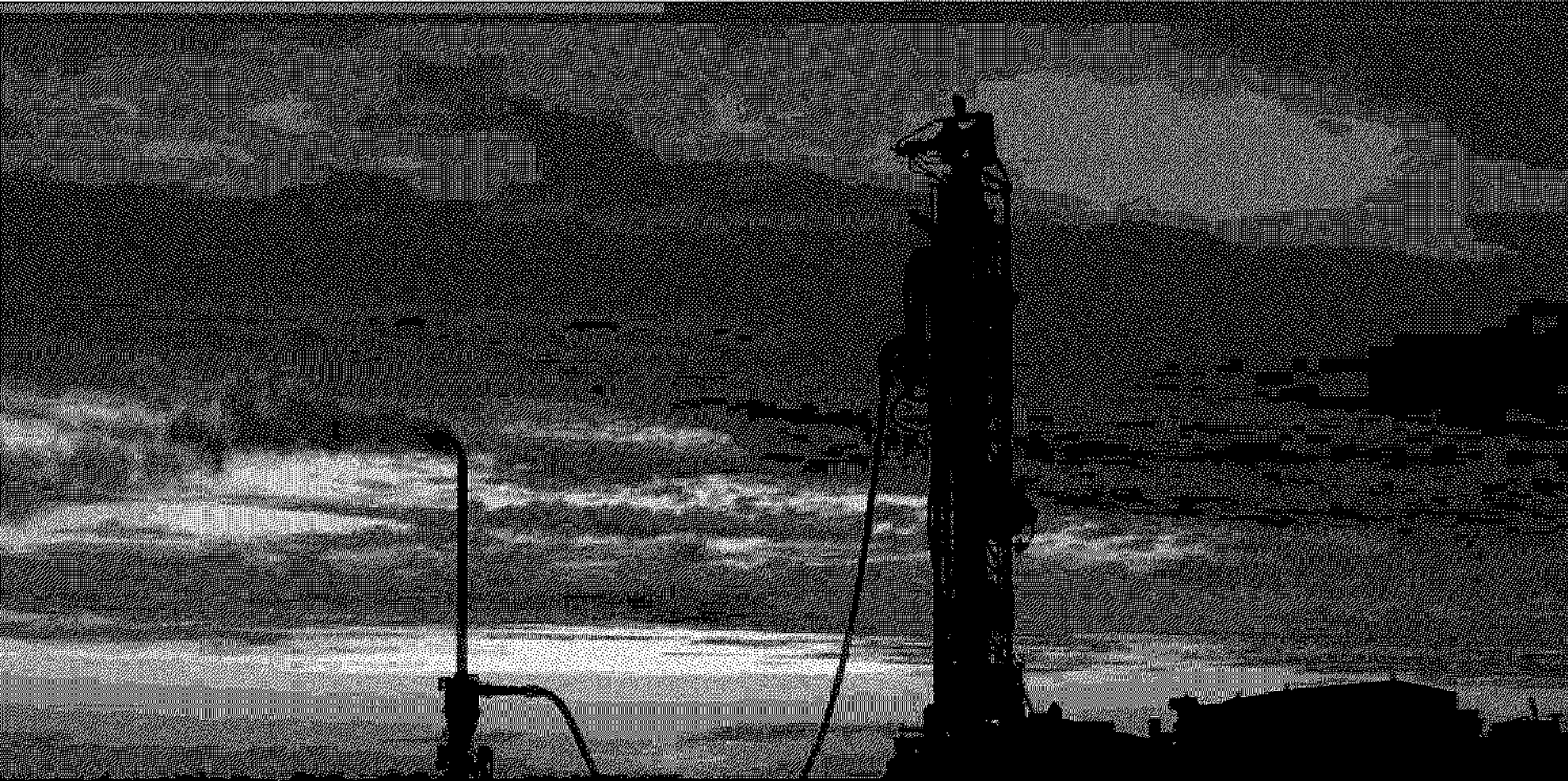
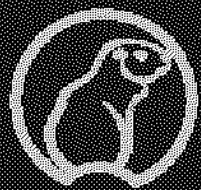


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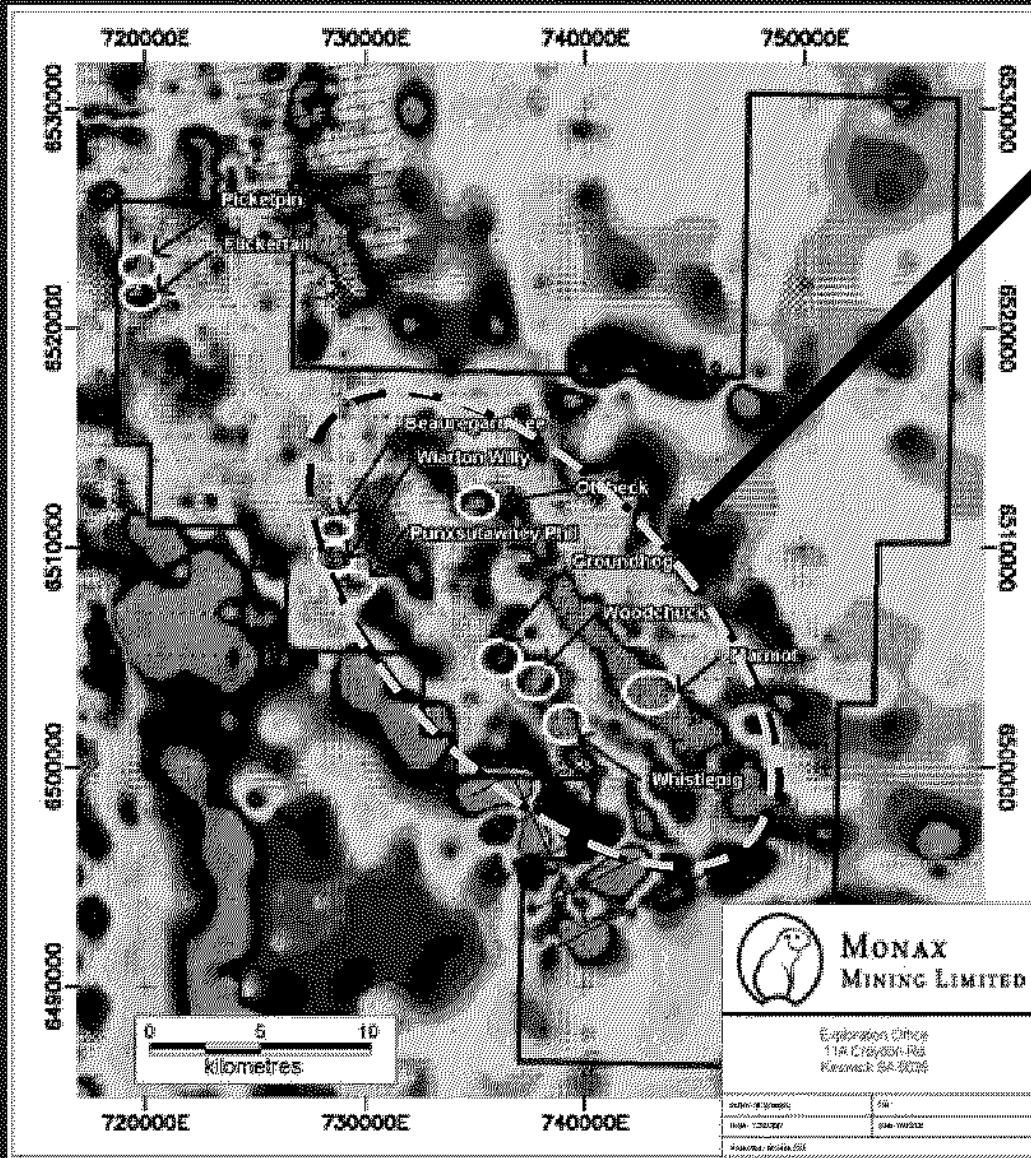
Copper-Gold Project





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Punt Hill Copper-Gold Project

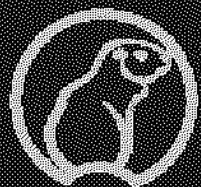


- Main zone of interest is the Groundhog Gravity Trend

- Covers an area of 25 km x 8 km

- Current drilling has demonstrated source of gravity is caused by IOCG style alteration of basement rocks

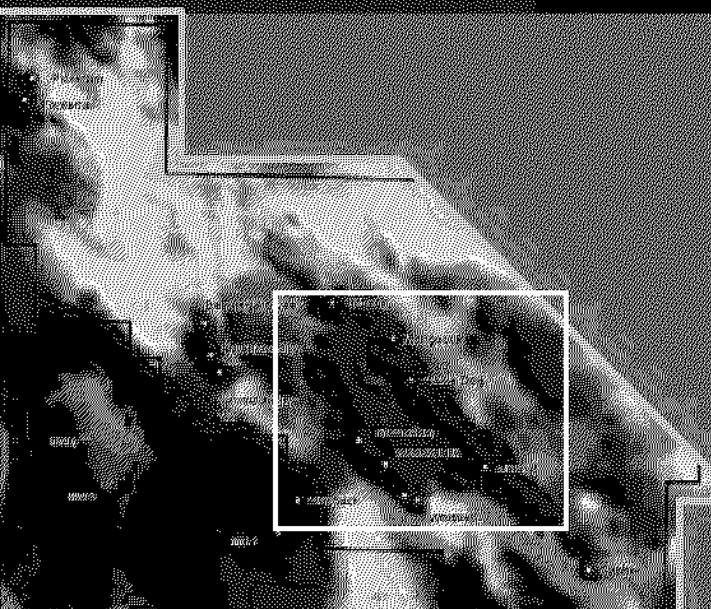
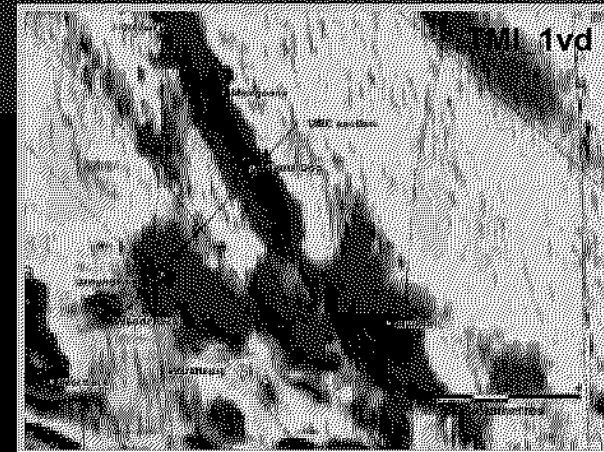
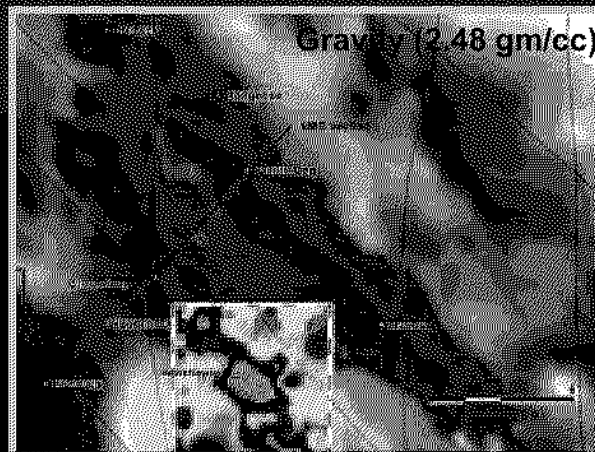
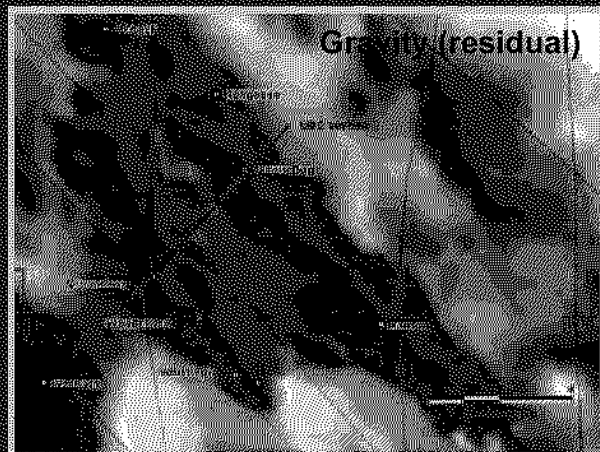
Residual gravity image



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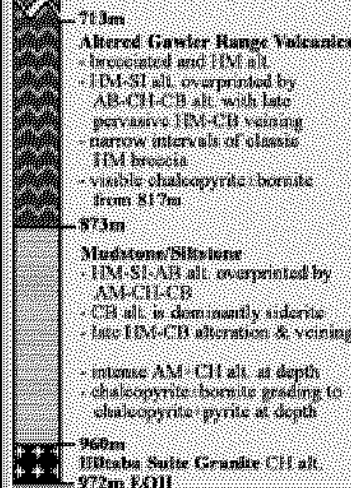
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Whistlepig, Woodchuck, Groundhog



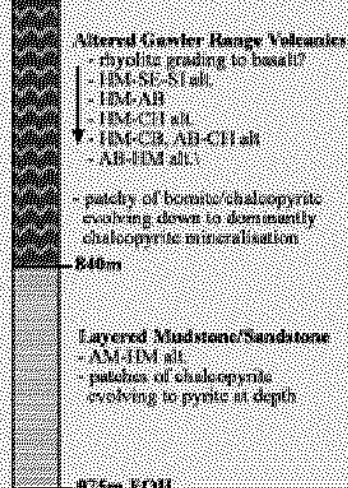
GHDD1

Stuart Shelf sediments



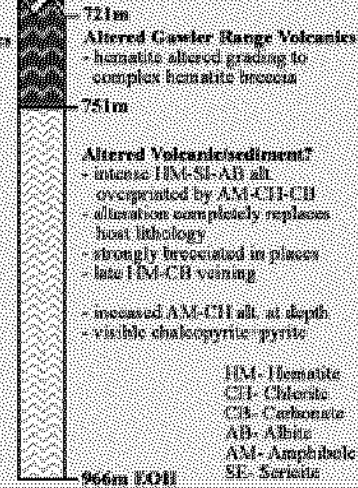
WWDD1

Stuart Shelf sediments

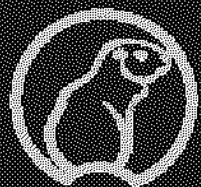


WPDD1

Stuart Shelf sediments

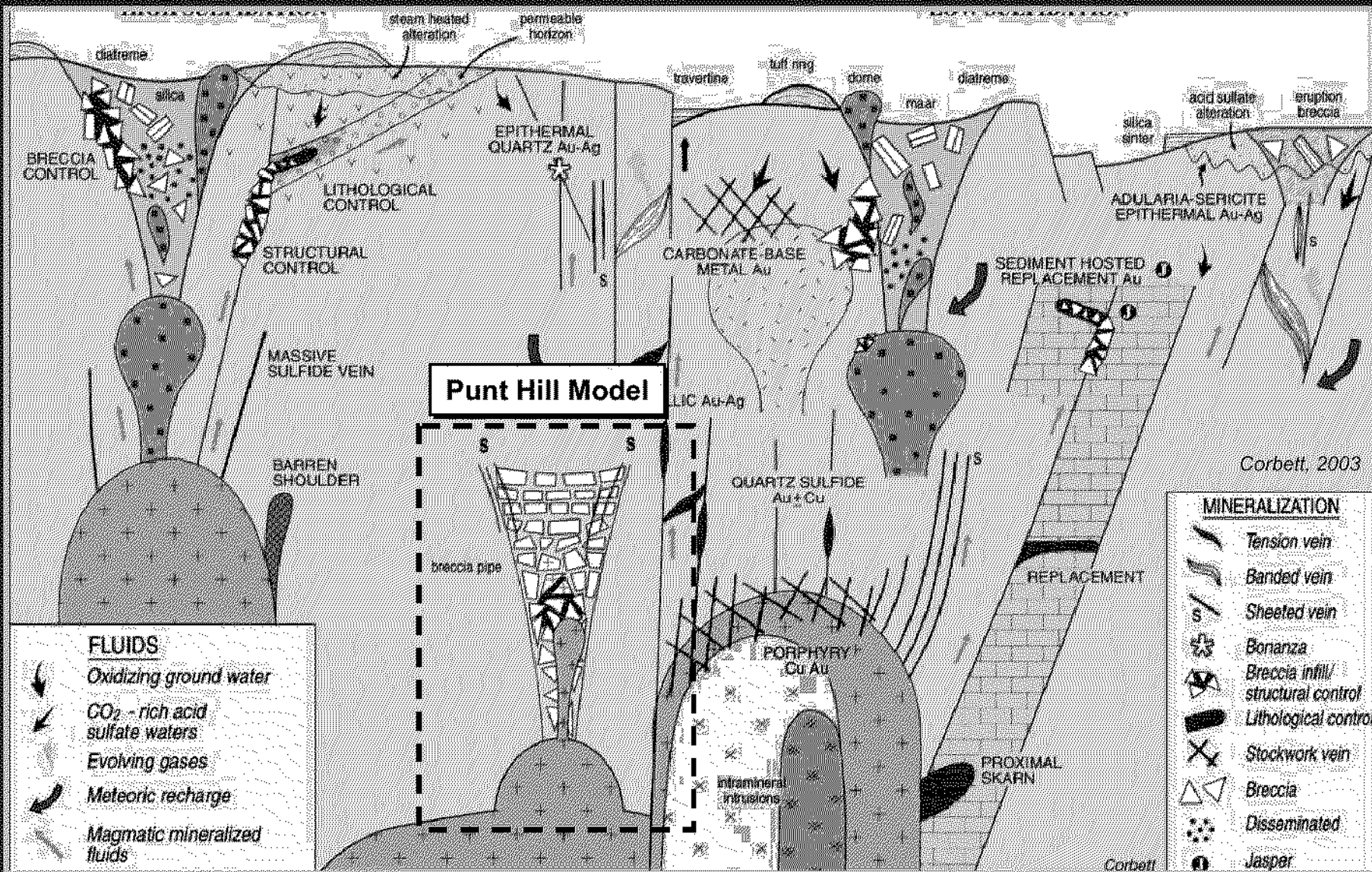


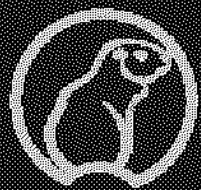
HM- Hematite
CH- Chlorite
CB- Carbonate
AB- Albite
AM- Amphibole
SE- Sericite



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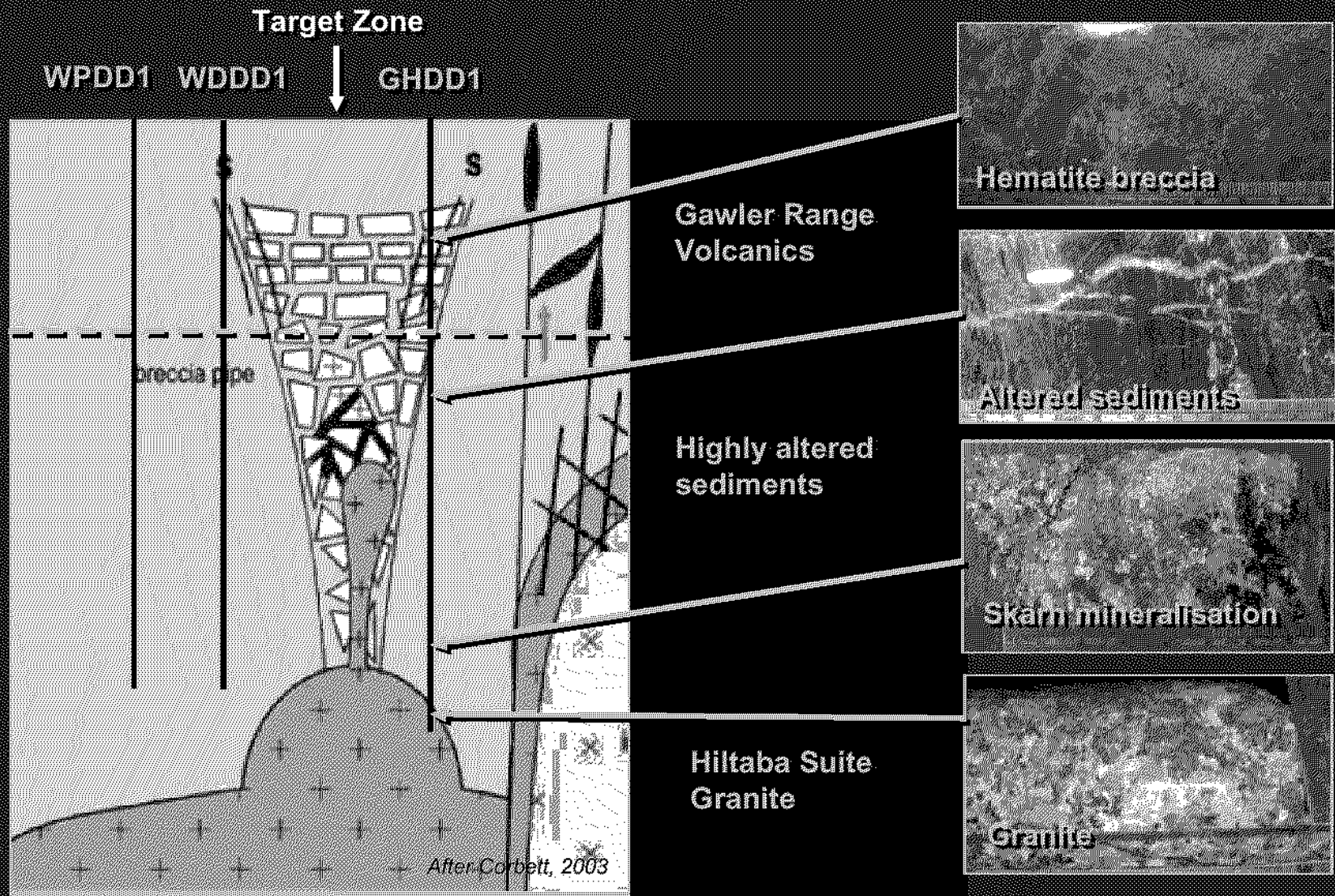
Punt Hill Copper-Gold Project

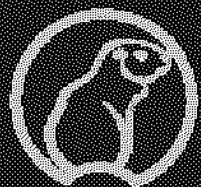




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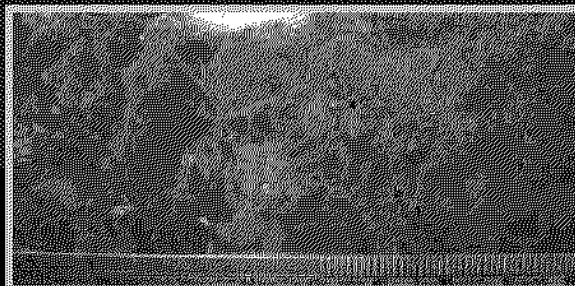
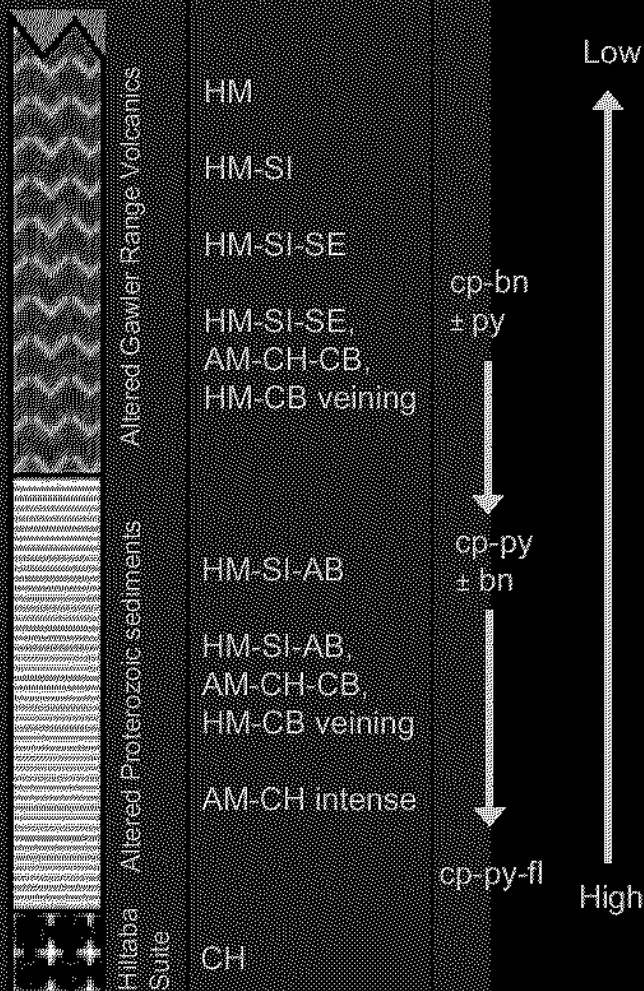


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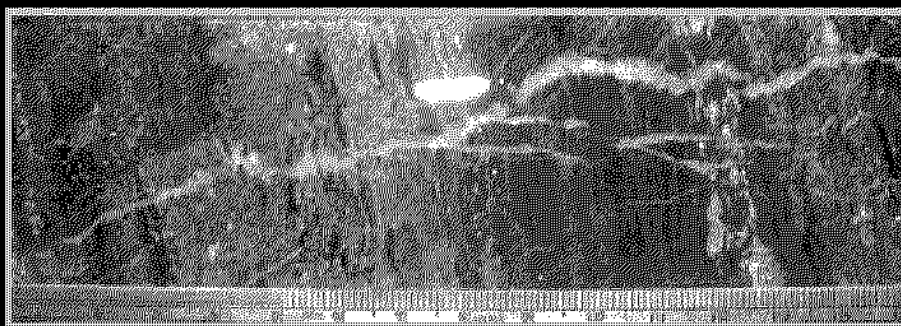
Punt Hill Copper-Gold Project

Mineralisation Model: Groundhog skarn

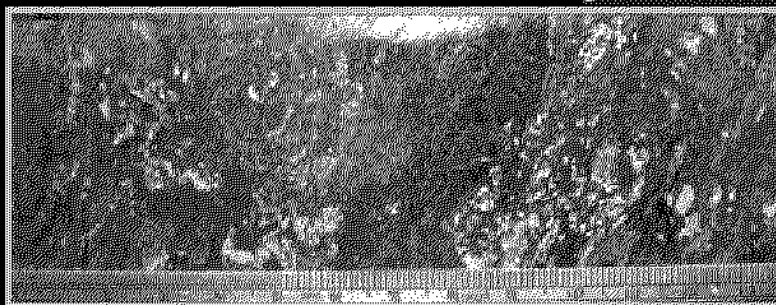
Stratigraphy Alteration Min. Temp.



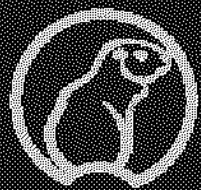
hematite alteration & brecciation



hematite/albite overprinted by amphibole/chlorite/carbonate with late hematite/carbonate veining



hematite/albite overprinted by amphibole/chlorite/carbonate with chalcopyrite and pyrite

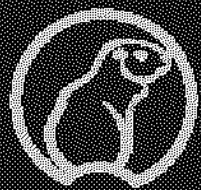


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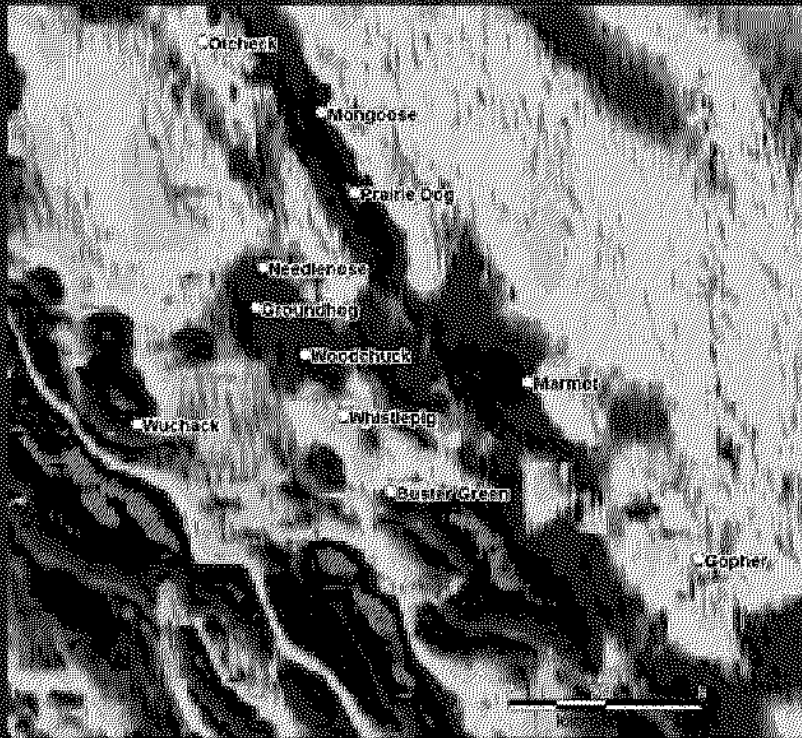
Examples of copper sulphide mineralisation in the Groundhog hole (GHDD1)



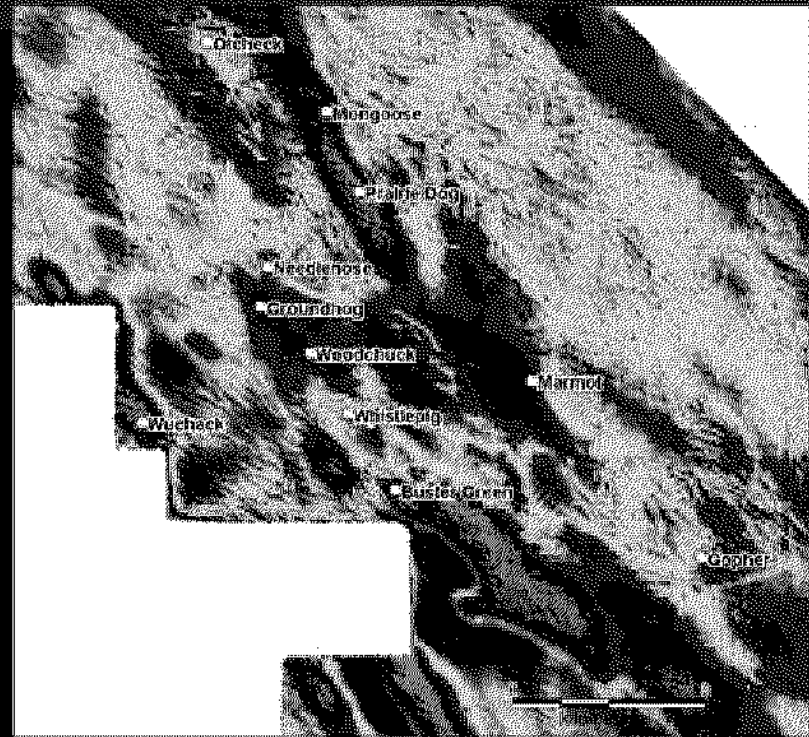
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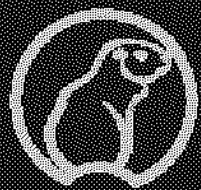
Old vs New aeromagnetics



400m Residual magnetics

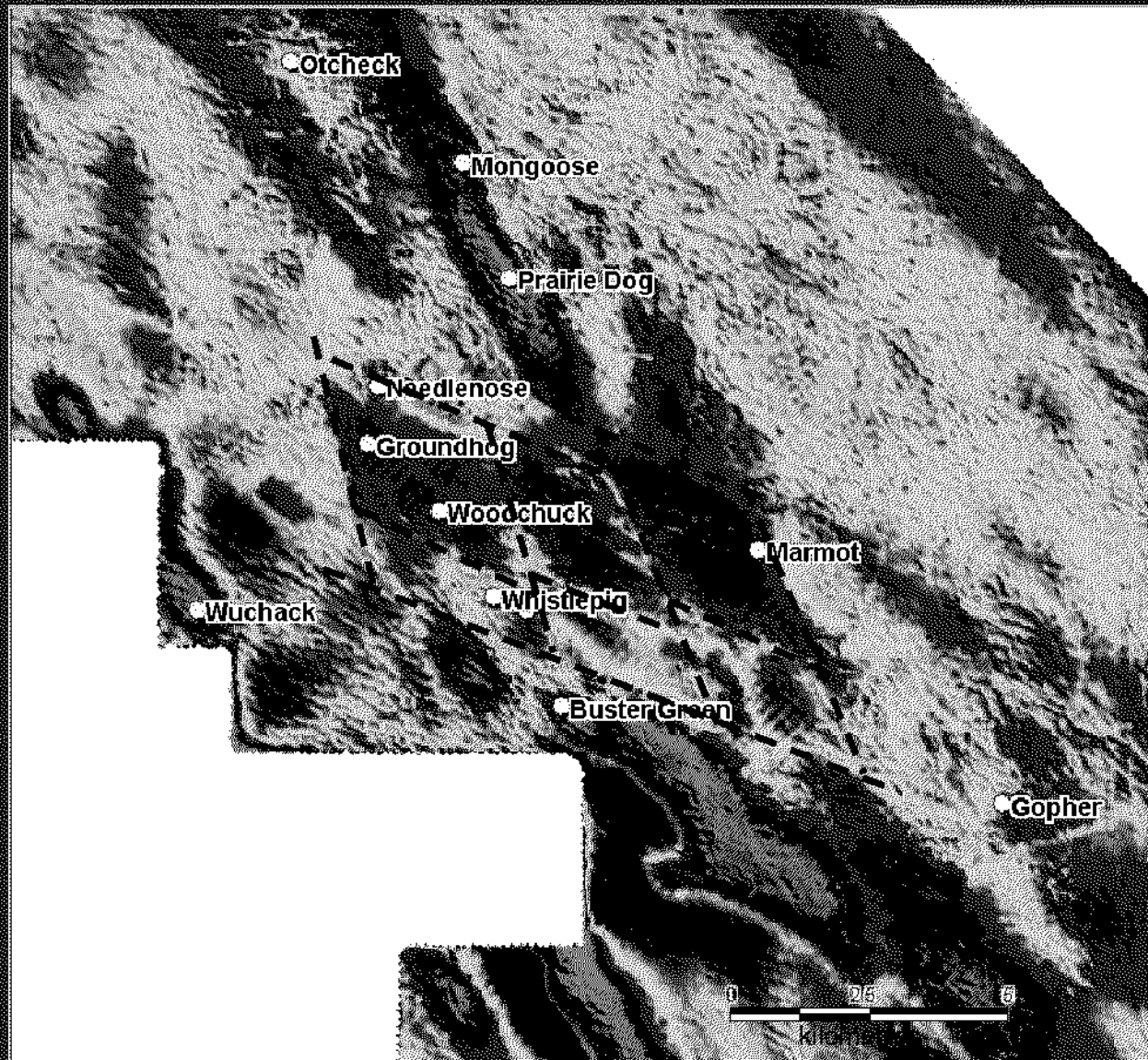


100m Residual magnetics – newly acquired



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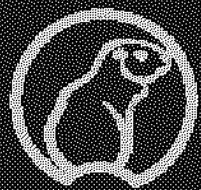
Punt Hill Copper-Gold Project



Fault

- Strong north-west structural control
- Classic “pull-apart” diamond shaped features
- Appear to control the location of IOCG alteration
- Target intersection of gravity anomalies and structures

100m residual
magnetics – newly
acquired

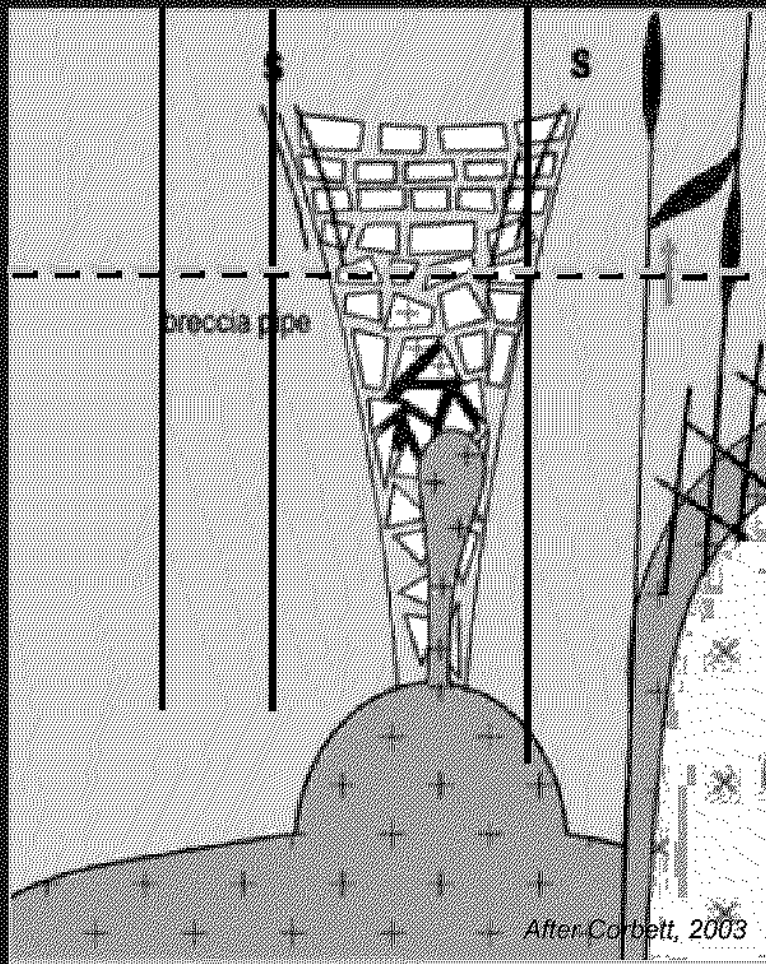


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Target Zone (Structurally controlled)

WPDD1 WDDD1 ↓ GHDD1



- Breccia pipe = main zone of fluid flow and mineralisation

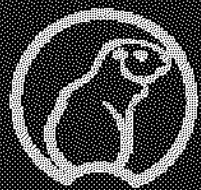
- Location controlled by major “open space” structures

- Groundhog (GHDD1) drill hole closest to “Target Zone” to date

Gawler Range
Volcanics

Highly altered
sediments

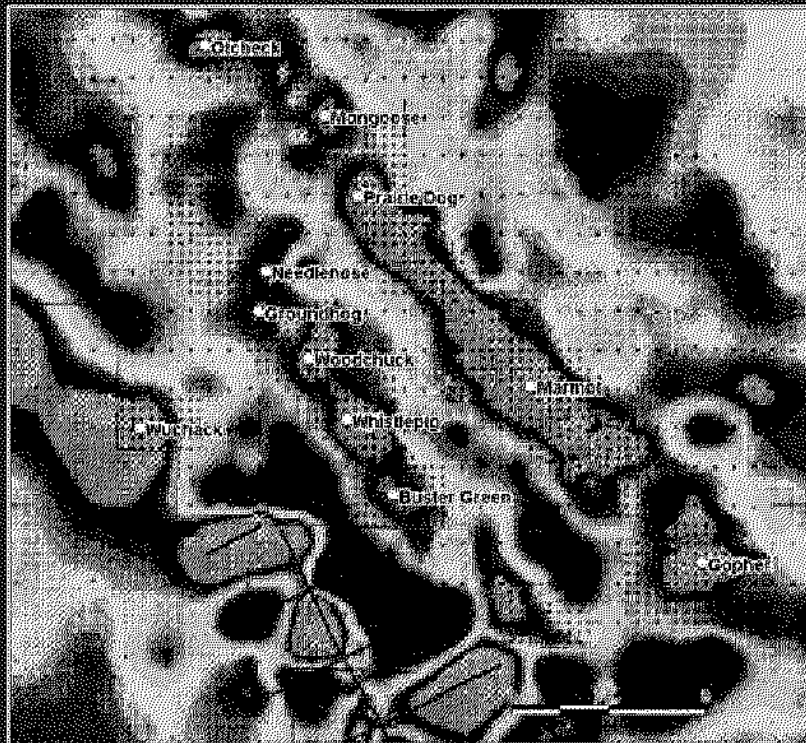
Hiltaba Suite
Granite



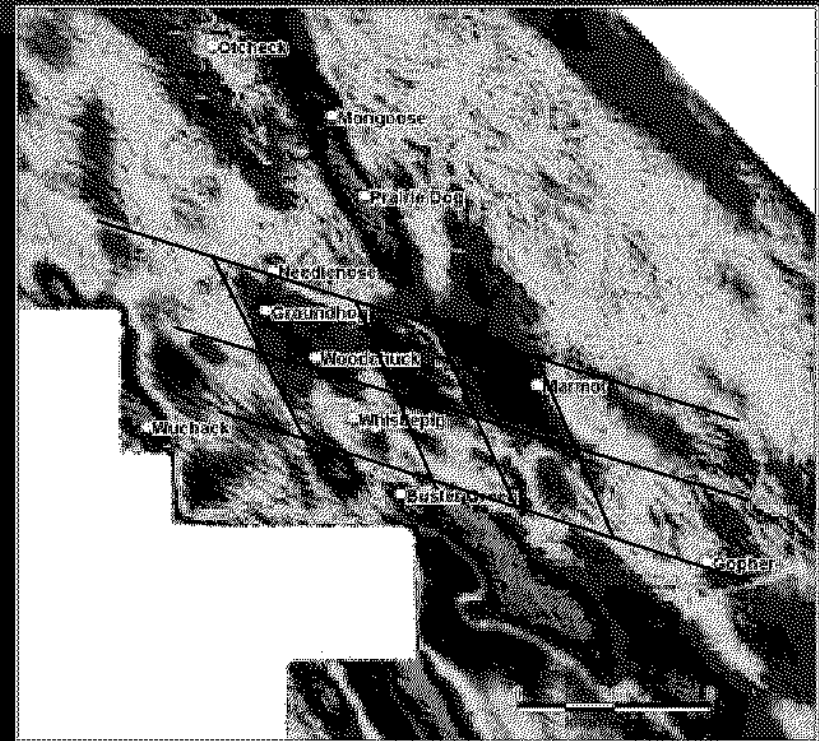
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Structurally controlled gravity targets = IOCG targets



Residual gravity



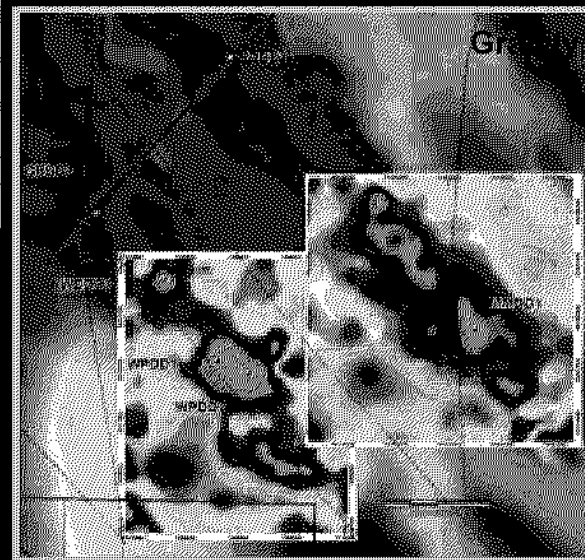
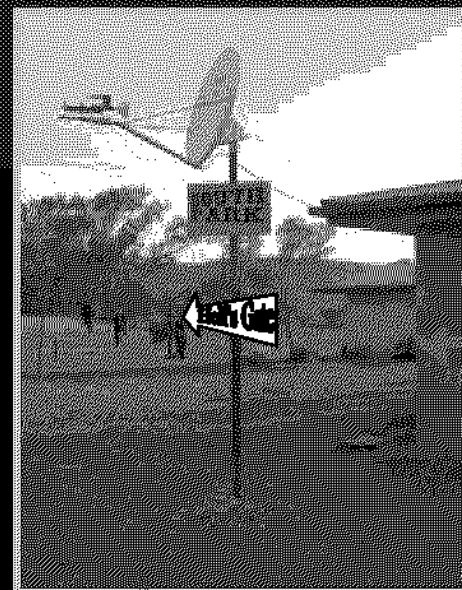
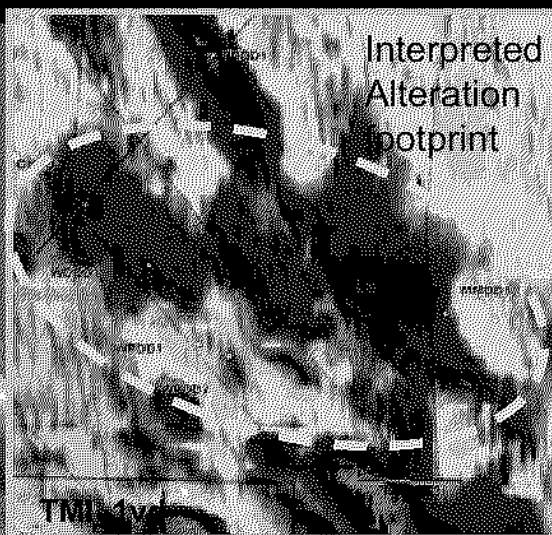
100m Residual magnetics

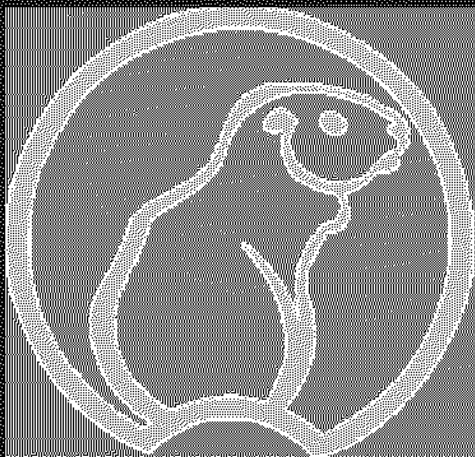


Punt Hill Copper-Gold Project

- Marmot (MMDD1), testing for alteration along Marmot's Mound
- Fits structurally controlled gravity model
- Infill drilling on the 'Groundhog Gravity Trend'

- Airborne Magnetic survey complete





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