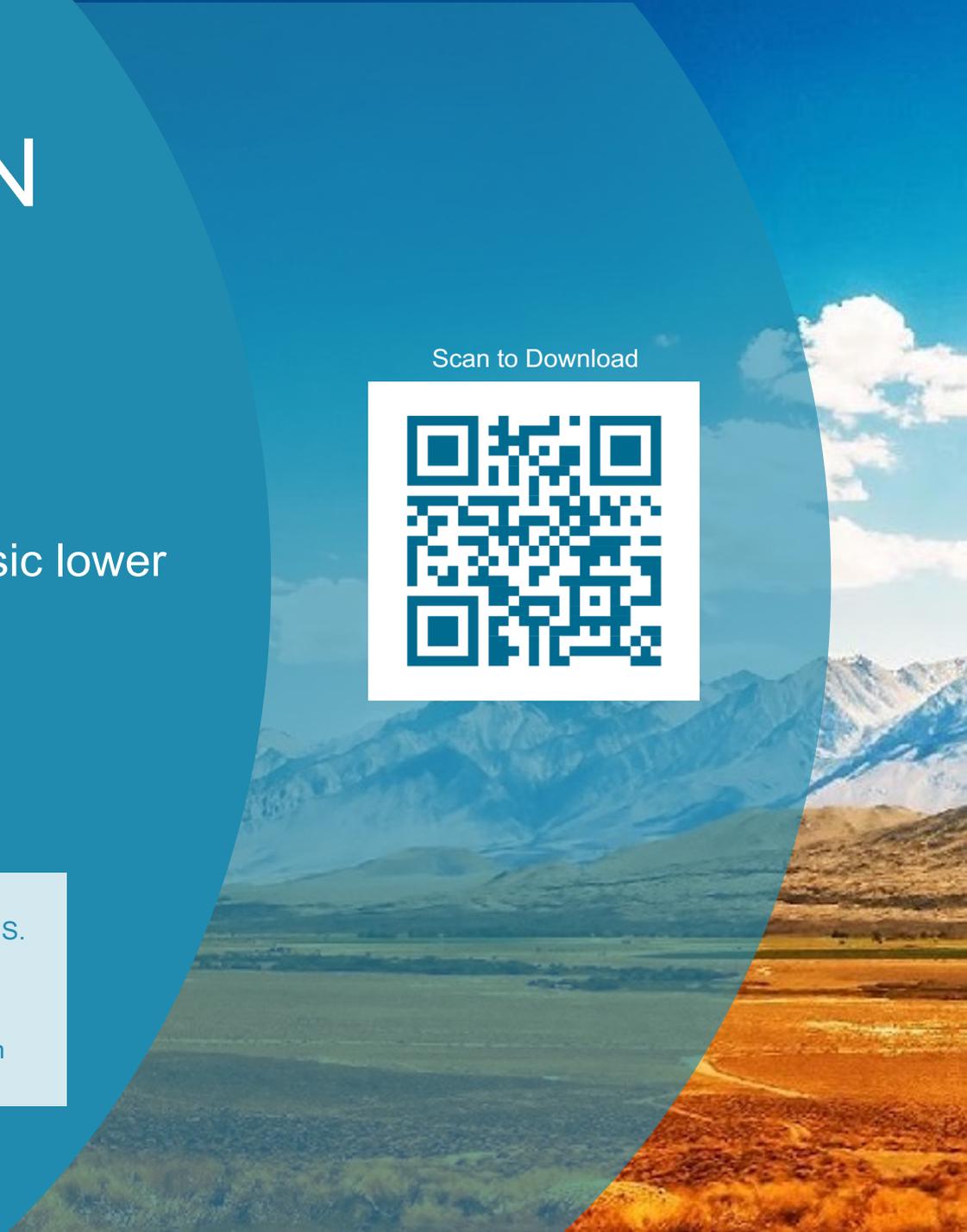


O R O G E N

Raven

Carlin gold targets within classic lower plate host stratigraphy

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Forward Looking Information

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Project Summary

- Carlin-type gold target containing windows of prospective lower plate carbonate host rocks, including Roberts Mountain Formation, beneath a faulted and folded Roberts Mountain thrust
- North Zone contains widespread gold, arsenic, antimony, and mercury soil anomalies in upper-plate rocks overlying undrilled shallow lower-plate rocks
- South Zone contains a mineralized body in upper plate rocks defined by thirty-six drill holes with intercepts up to 9.97 g/t gold over three metres. Lower plate target beneath this gold cell is largely undrilled
- Multiple drill-ready Carlin targets with the characteristics necessary to host multi-million-ounce gold deposits on the property



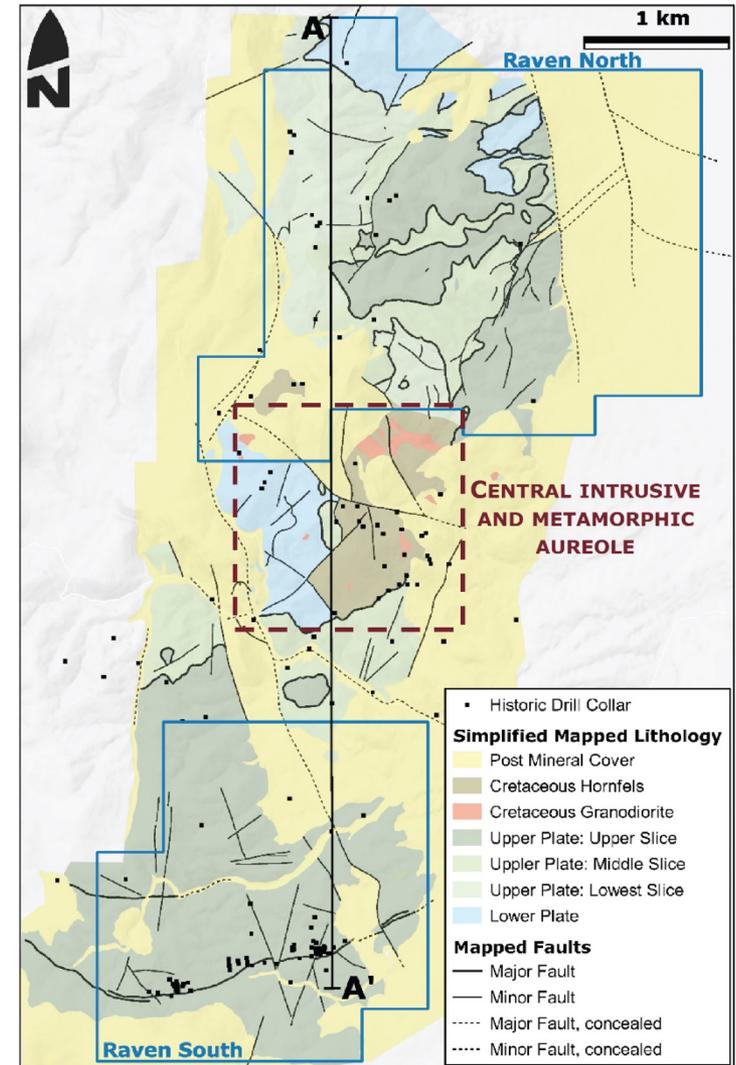
Location

- One hundred fifty-three claims located on BLM ground covering approximately thirteen square kilometres
- Thirty kilometres northwest of Austin, Nevada
- Located within an area of lower plate Paleozoic rocks exposed in a window through the Roberts Mountain Thrust
- Lower plate rocks include the Roberts Mountains Formation



Raven Overview

- Carlin-style mineralization and alteration within classic host stratigraphy
- Roberts Mountains Formation exposed in outcrop and located at shallow depths
- Central intrusion with mineralization to south and north
- Exploration began in 1968, nine companies, approximately 150 holes. Vast majority of historic drillholes in central and south zones
- North Zone, the focus of Orogen's 2021 and 2022 field programs, contains widespread gold in soil anomalies in upper-plate rocks overlying shallow lower-plate rocks
- South Zone contains a mineralized body in upper plate rocks above undrilled lower plate

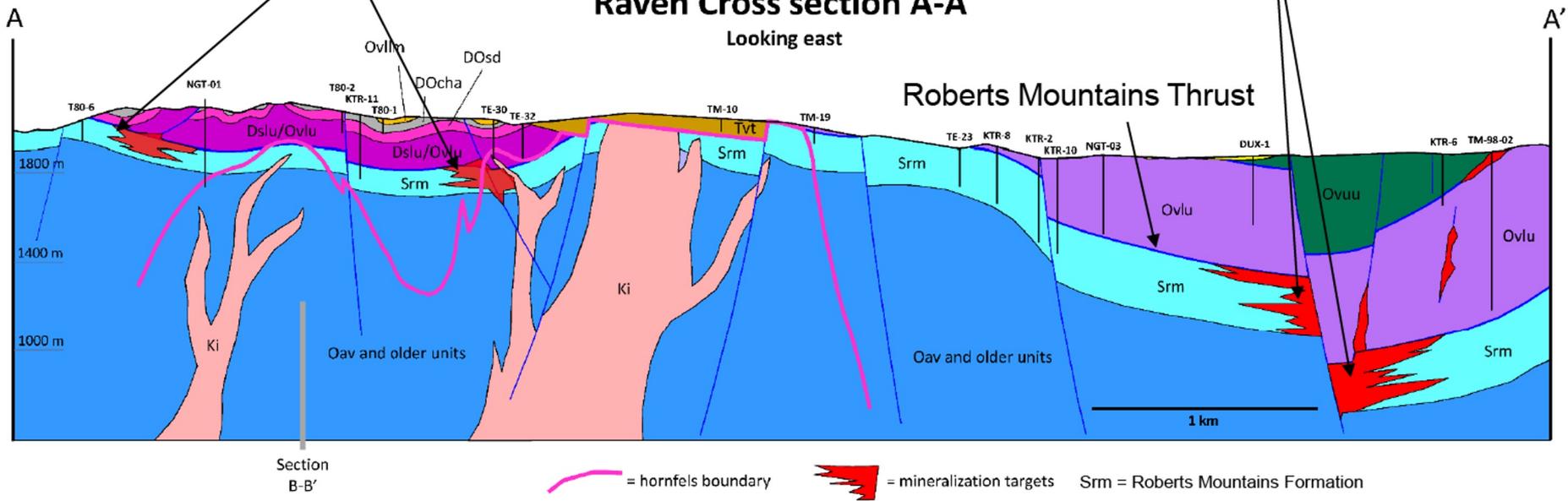


Raven Overview

Shallow Raven North Targets

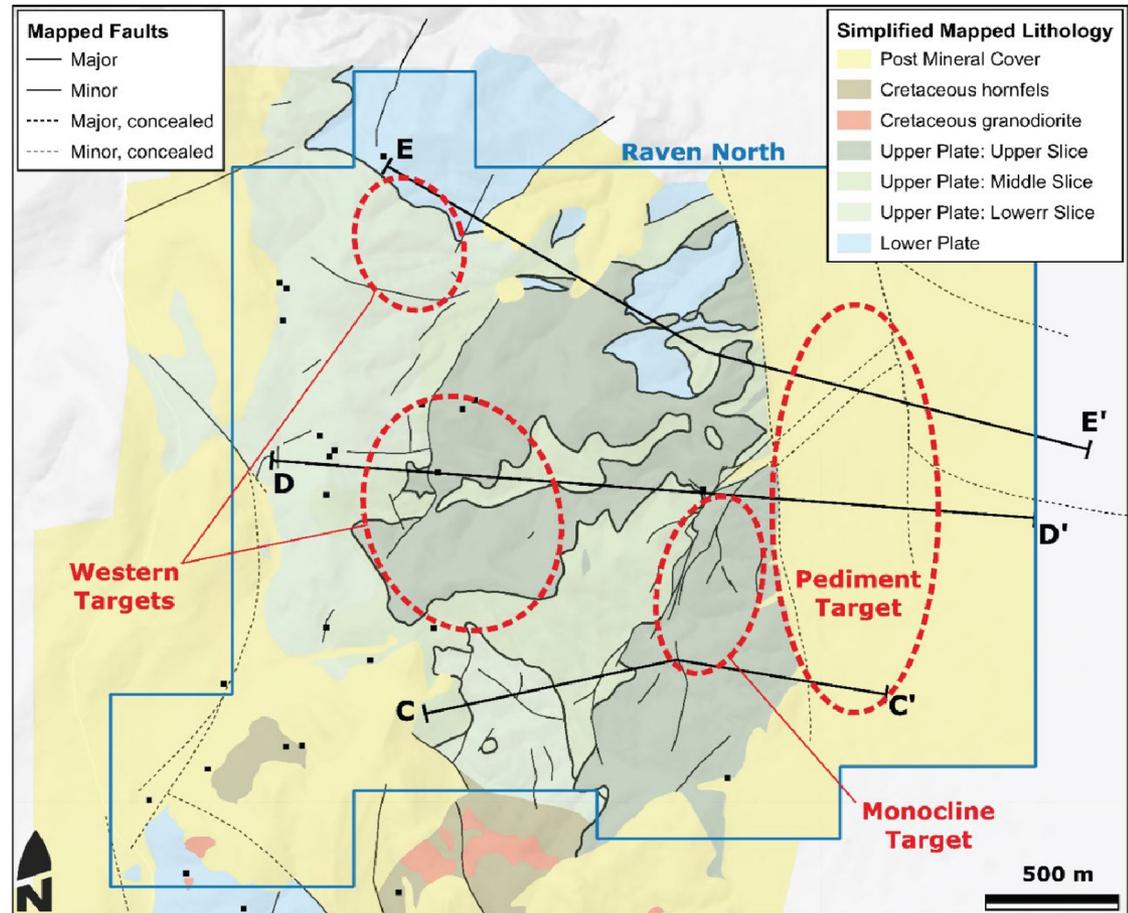
Deep Raven South Target

Raven Cross section A-A' Looking east

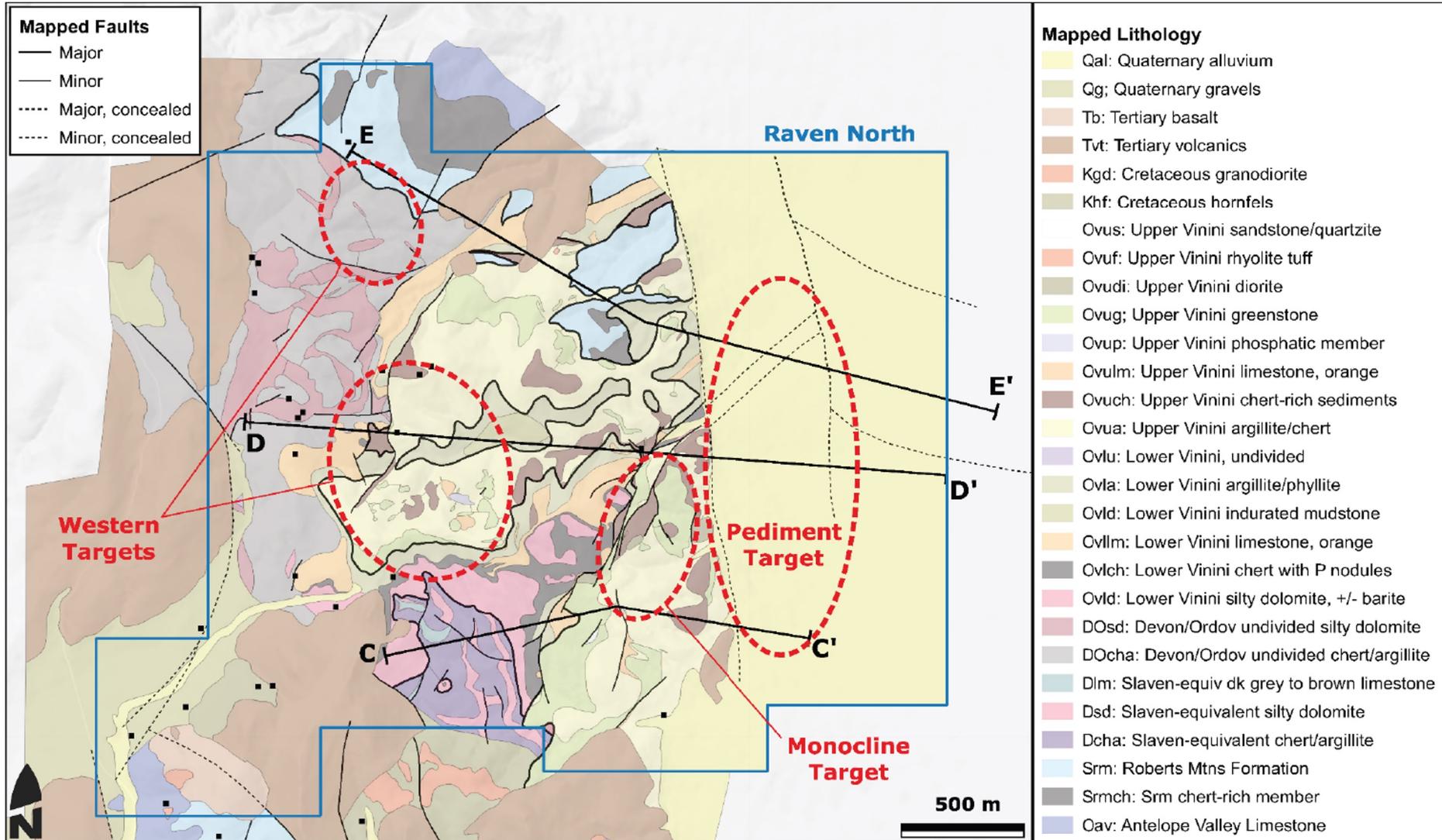


Raven North

- Detailed mapping combined with over 20 conodont dates identified significantly more upper plate at surface than previously mapped
- Remapping generates potential for shallow (30 to 200 metre deep) undrilled lower plate targets
- Multiple geochemical anomalies in soils developed over upper plate rocks
- Classic Carlin mineralization setting with open pit potential

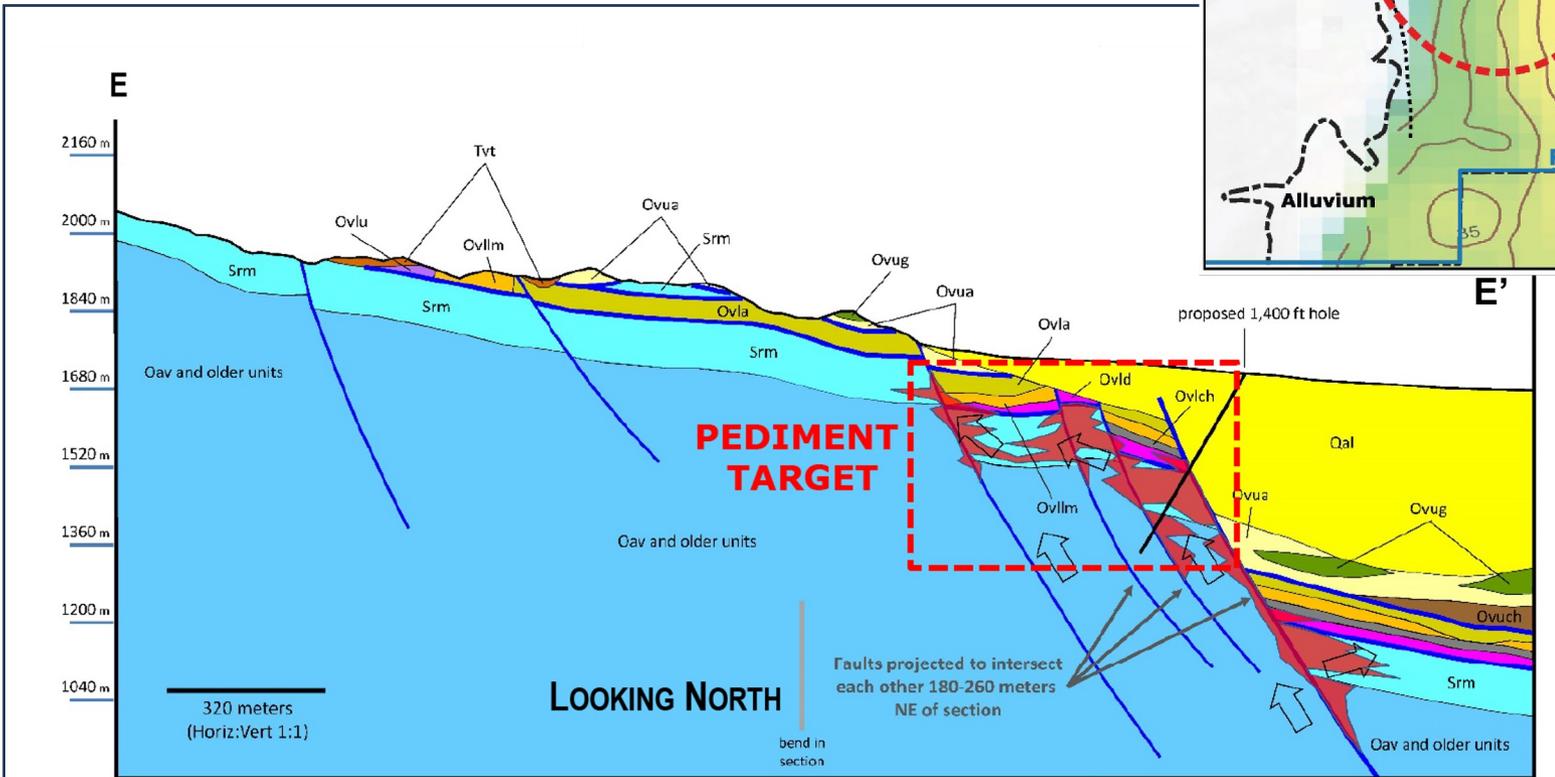
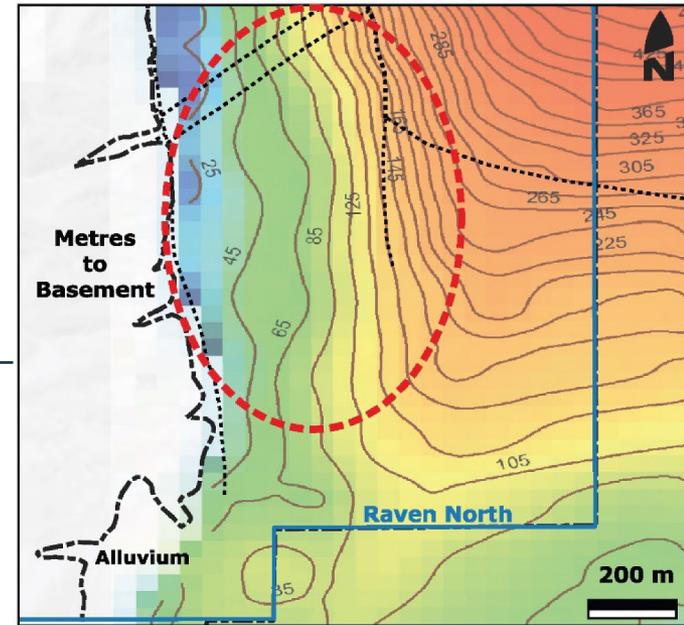


Raven North Geology



Pediment Target

- Offset extension of the Monocline Target across a range-bounding fault with limited slip magnitude
- Structures may represent reactivated feeder structure



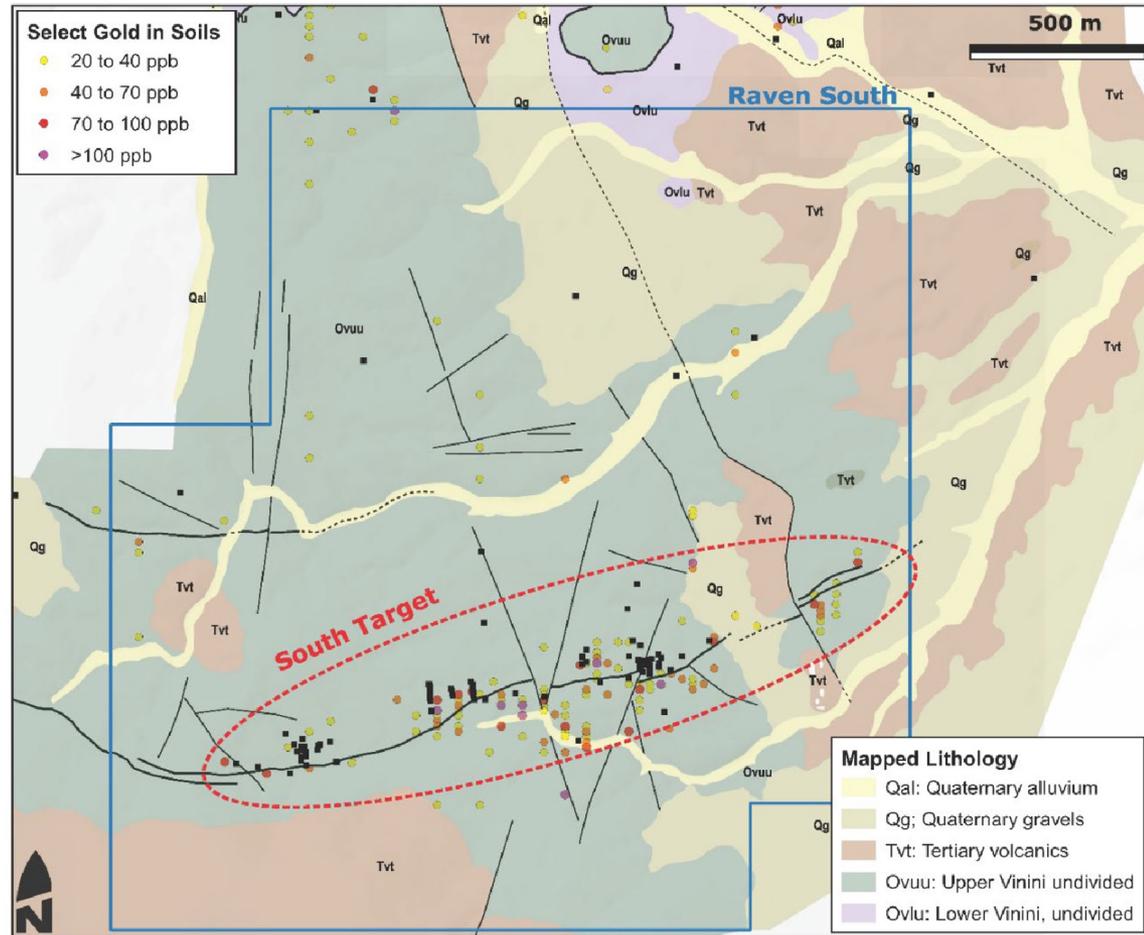
Srm = Roberts Mountains Formation

= gold mineralization targets

= potential fluid flow direction

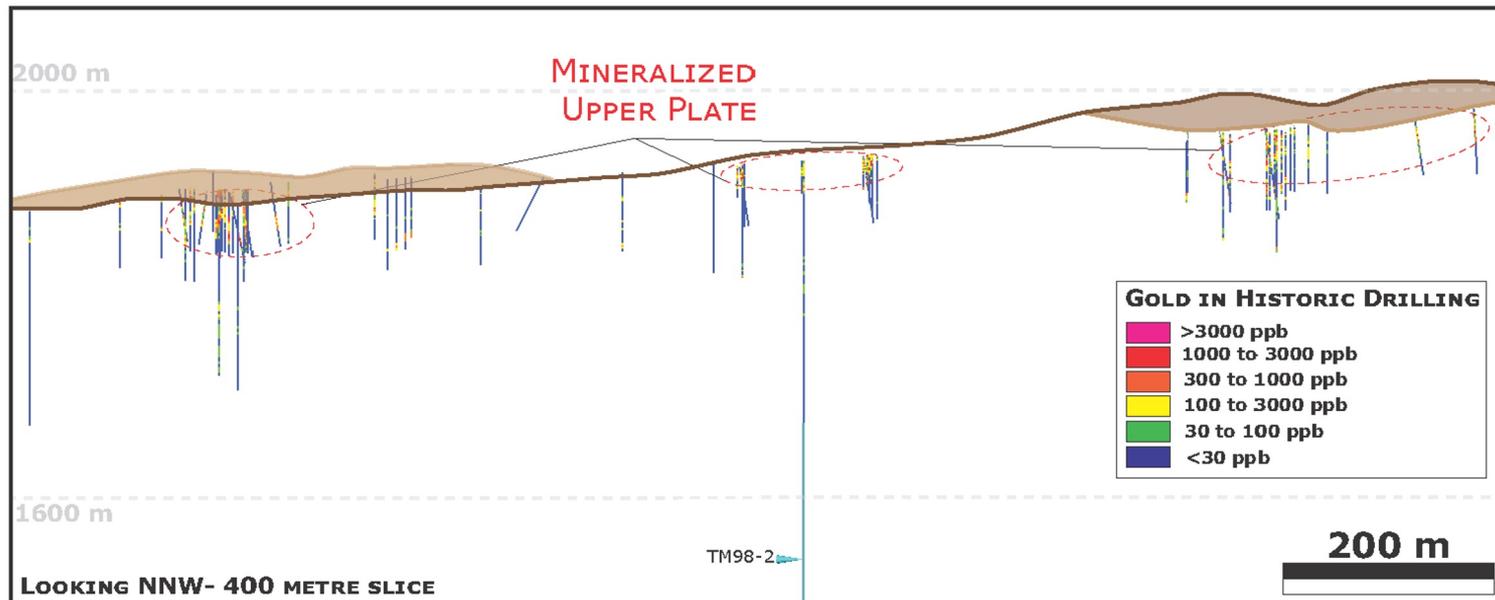
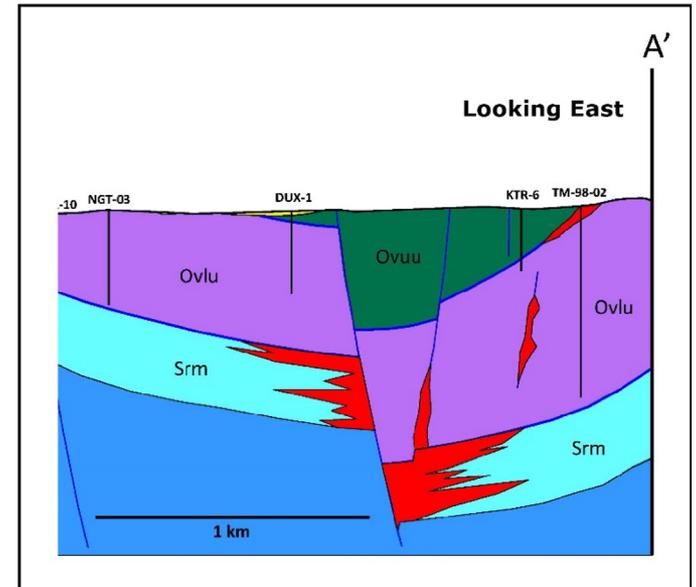
Raven South

- Mineralized body hosted by upper plate Ordovician calcareous siltstone (Non-compliant resource of 50,000 oz @ 0.3 g/t)
- Defined by 36 holes over a 1250 metre strike length with intercepts up to 9.97 g/t Au over three metres
- Potential for expansion in Roberts Mountains Formation that underlies the upper plate host rocks at approximately 650 metres



Raven South

- TM98-2, deepest drill hole in district, ended at approximately 700 metres in rocks with thin porphyry dykes and intense silicification and pyrite inferred to be upper plate



Raven South

- Raven project contains Carlin targets with the characteristics necessary to host multi-million-ounce gold deposits
- Multiple drill-ready shallow Carlin targets within Roberts Mountains Formation underlying geochemical anomalies in upper plate rocks at Raven North
- Drill-ready deep Carlin target at Raven South beneath significant upper plate gold anomaly
- Both Raven North and South distal to intrusive at centre of district
- Rare opportunity in Nevada to explore a classical Carlin type setting



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