

BRASS TAGS, BRAGS, TASS

826489

GOLD PROSPECT

TYAUGHTON CREEK, LILLOOET MINING DIVISION

BRASS TAGS #1-#4 FINGER #1, #2, TASS #1-#3

BRAGS #1-#7 MINERAL CLAIMS

LATITUDE 50 07'N LONGITUDE 123 03'W

MAPSHEET 920/3E

SUMMARY

GEOLOGICAL AND GEOCHEMICAL REPORT

By

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For

E & B EXPLORATIONS INC.
#1440 - 800 West Pender Street
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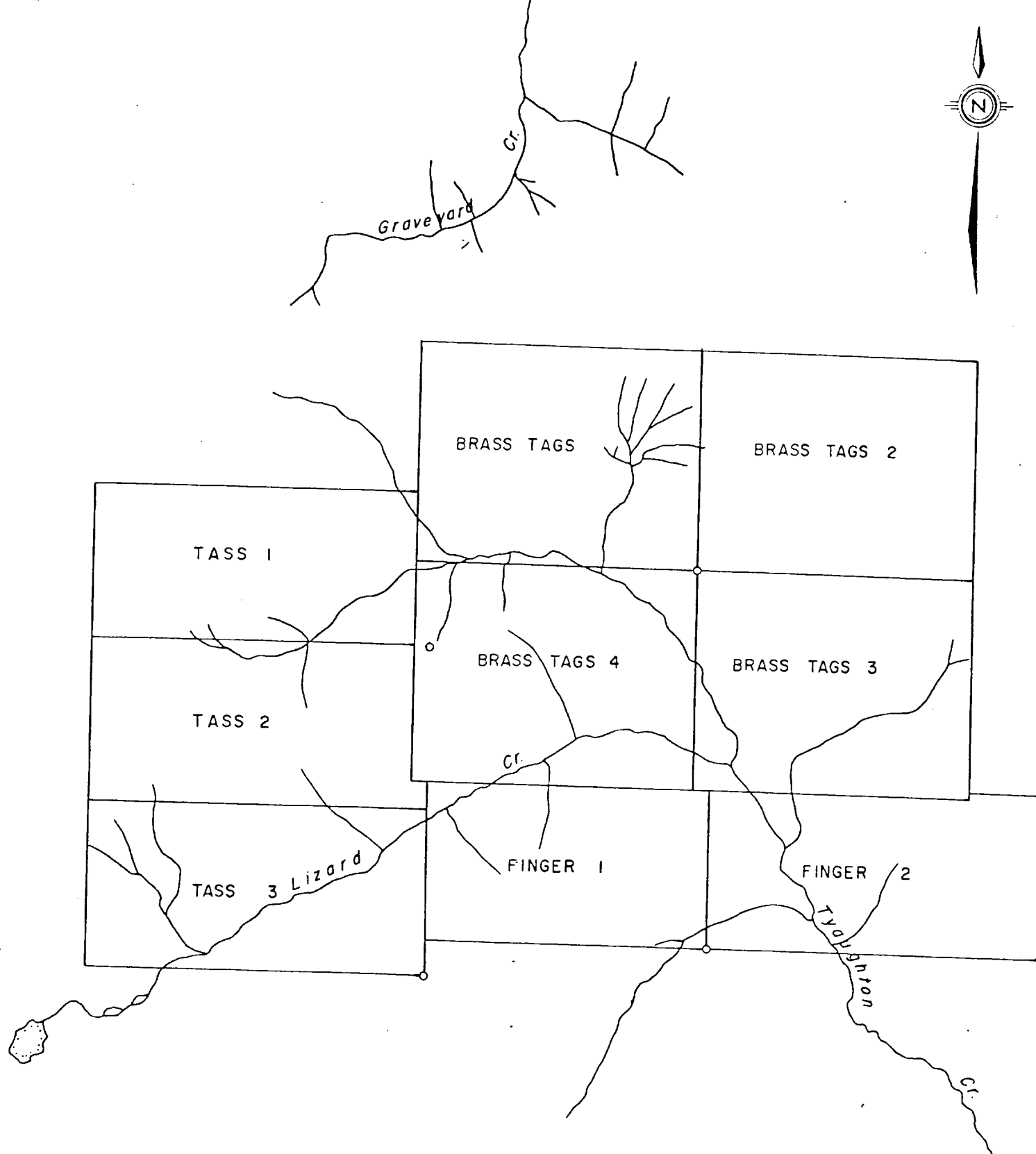
FEBRUARY 1982



E & B EXPLORATIONS INC.

LOCATION MAP
BRASS TAGS

100 50 0 100 200
SCALE IN MILES



E & B EXPLORATIONS INC.
TASEKO PROJECT
BRASS TAGS CLAIM MAP

920 / 3 W

CLINTON M.D., B.C.

1:50,000

INTRODUCTION

The 1980 Government geochem release on Sheet 920 indicated a large area of anomalous arsenic in upper Tyaughton Creek. The Brass Tags #1-#4 mineral claims were staked over this area in the hope that a gold system might be associated with the arsenic, as gold was not analyzed for in the release. Reconnaissance silting following the release yielded highly anomalous gold and arsenic northeast of the confluence of Lizard and Tyaughton Creeks. A geological-geochemical survey done in late 1980 outlined an intense coincident gold-arsenic anomaly across a moderately steep hillside projecting downslope into cover on the lower slopes and Tyaughton Creek Valley. Additional claims were staked in late 1980 and early 1981. Reconnaissance prospecting in nearby areas has indicated several zones warranting further detail follow up. The main anomaly and adjacent geological target is ready for drilling. Follow-up prospecting of gold anomalies and drilling is recommended.

LOCATION AND ACCESS

The property lies in the headwaters of Tyaughton Creek 90 km northwest of Lillooet and 130 km southwest of Williams Lake. The nearest helicopter base, for access to the property, is at Pemberton, 90 km to the south. The nearest road lies 23 km from the drill target along lower Tyaughton Creek and leads south 20 km to the Lillooet-Bridge River road.

GEOLOGY AND GEOCHEMISTRY

Near the drill target, immediately northeast of the confluence of Lizard and Tyaughton Creeks, calcareous argillites have been intruded by biotite feldspar porphyry and rhyolite. Sediments have been hornfelsed adjacent to one of the larger porphyry bodies. The ridge at the southend of the map is underlain by rhyolite and rhyolite breccia some of which is vuggy and contains quartz crystals.

The most consistent pattern of highly anomalous gold in soils (+100ppb) forms an area 500 m in diameter open to the north and west. Within this area, several rock chips assay 200 - 1700 ppb Au. One sample of a quartz stringer 5 cm wide contains 3% stibnite needles and assays 25,700 ppb Au. Another +100 ppb gold geochem anomaly at the north edge of mapping contains a rock chip assaying 4190 ppb Au. This geochem pattern is open to the north.

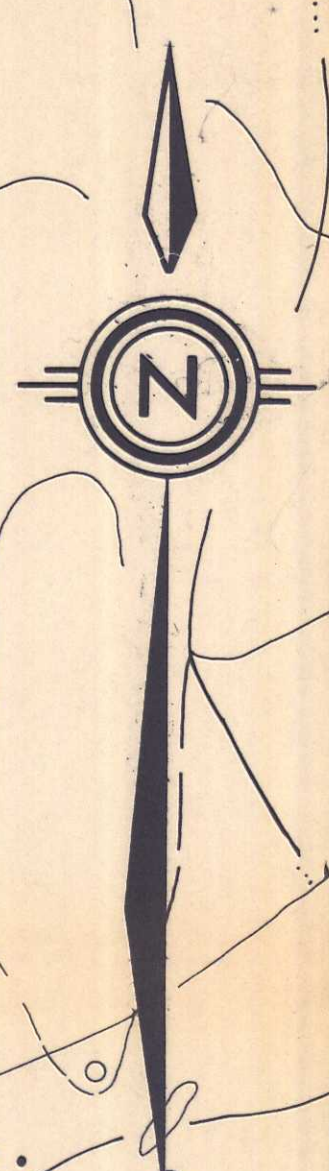
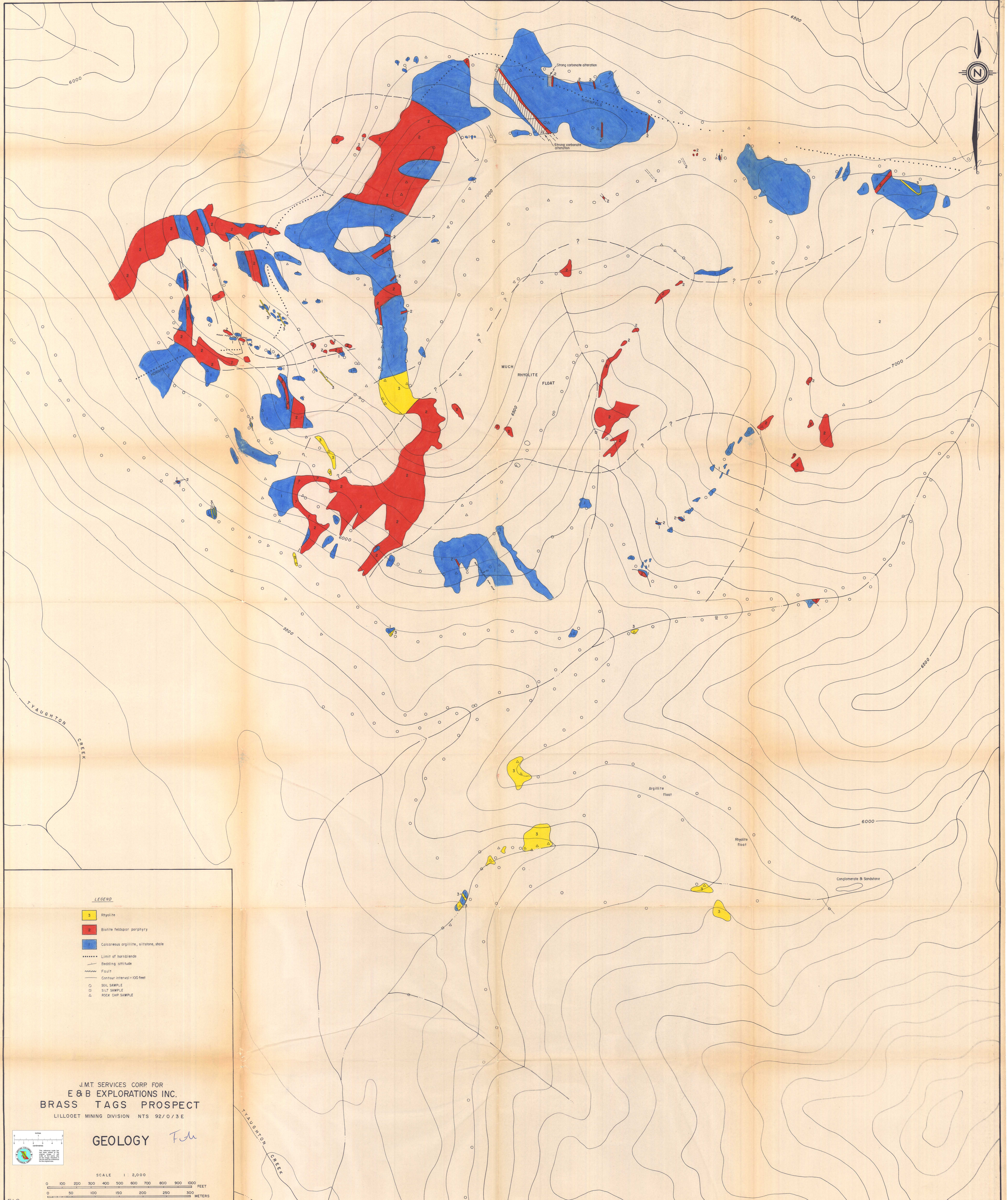
A major high angle reverse fault, the Taseko Fault, lies immediately west of the target area along Tyaughton Valley. West of the fault and north of Lizard Creek is a strong coincident gold-arsenic anomaly in soils. West of the fault and south of Lizard Creek is a strong arsenic anomaly coincident with a large area of jasperoid.

Two other anomalous gold geochem patterns worthy of more sampling and mapping occur on the property one further up Tyaughton Creek from the drill target area and the other some 14 km downstream on the northside of Tyaughton Creek.

CONCLUSIONS AND RECOMMENDATIONS

Several areas of anomalous gold geochemistry in the Tyaughton Creek drainage have been delineated and are worthy of further work. Specifically, an area near the confluence of Lizard and Tyaughton Creeks should be drilled. This area has intense gold-arsenic geochemistry associated with rhyolite, jasperoids, quartz veinlets and minor stibnite mineralization. The gold target sought is a bulk tonnage replacement type ore body similar to some of the Nevada deposits, i.e. Carlin.

A budget of \$200,000 is recommended to drill the main target and complete sampling and mapping of the other gold targets. Helicopter moveable percussion drilling should be considered to increase the cost effectiveness of the programme.



LEGEND

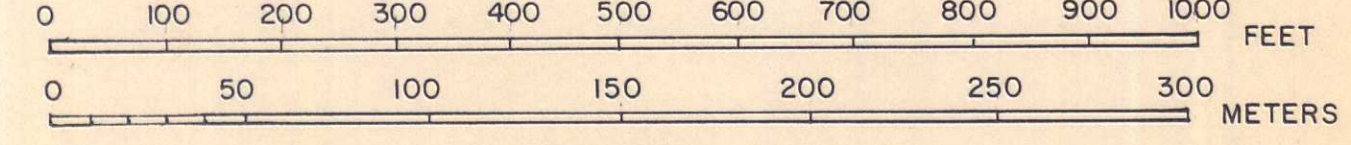
- 3 Rhyolite
- 2 Biotite feldspar porphyry
- 1 Calcareous argillite, siltstone, shale
- Limit of hornblende
- Bedding attitude
- Fault
- Contour interval = 100 feet
- SOIL SAMPLE
- SILT SAMPLE
- △ ROCK CHIP SAMPLE

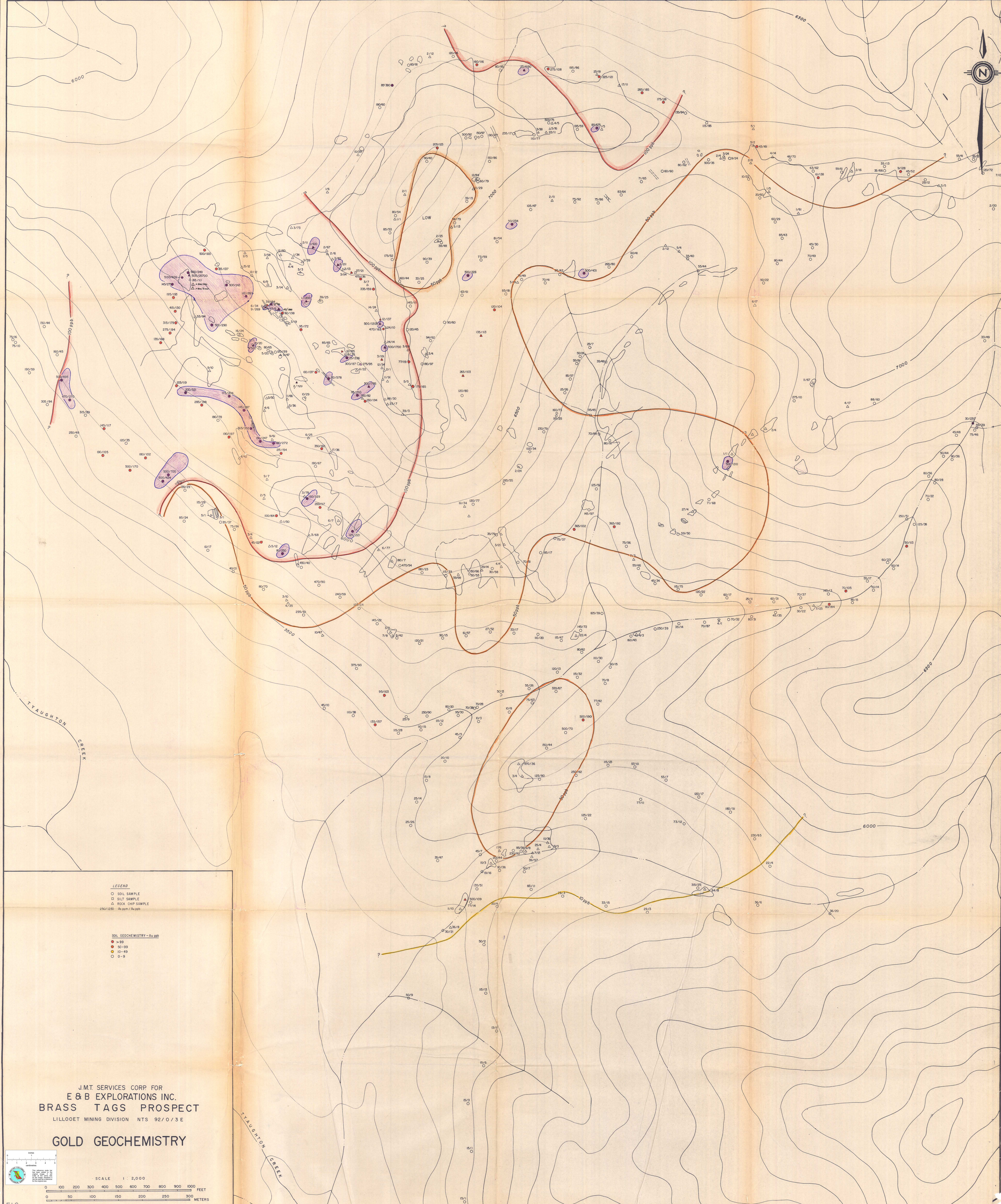
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GEOLOGY

F.M.

SCALE 1:2,000





LEGEND
○ SOIL SAMPLE
□ SILT SAMPLE
△ ROCK CHIP SAMPLE
250/1200 Au ppm / Au ppb

SOIL GEOCHEMISTRY - Au ppb
● > 99
● 50-99
● 10-49
○ 0-9

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GOLD GEOCHEMISTRY

SCALE 1:2,000

0 100 200 300 400 500 600 700 800 900 1000
0 50 100 150 200 250 300
FEET
METERS

