

Durfeld Geological Management Ltd.

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PROPERTY: DIL MINERAL CLAIM GROUP

COMMODITY: Gold

LOCATION: 50 kilometres west of the Black Dome Mine and 120 kilometres southwest of Williams Lake. There is road access to within 15 kilometres of the claims.

OWNER: Jointly owned by R. Durfeld and J. McClintock.

CLAIMS: ^{Two} ~~Three~~ modified grid claims totalling ⁴⁰ ~~60~~ units.

HISTORY: Originally staked in 1980 by Barrier Reef Resources Ltd. to protect ground highlighted by silt sampling as anomalous for gold and arsenic. Subsequently, Barrier Reef carried out soil sampling on a 200 by 50 metre grid, reconnaissance geological mapping and limited rock sampling. Soil sampling showed large areas of the claims to be anomalous for gold (>90 ppb) and rock sampling obtained gold values to >2000ppb. These soil and rock anomalies were apparently never followed up. The present owners acquired the ground in 1986 and 1987 by staking.

DISTRICT
ACTIVITY:

The Dil Claims lie 50 km west of the Black Dome deposit and 15 km north of the Talor Windfall property. The vicinity of the DIL claims is currently being actively explored by several major and junior mining companies.

GEOLOGY:

An east-west fault separates late Mesozoic rocks from Cenozoic rocks. North of the fault, a swarm of feldspar porphyry dykes or a barely unroofed stock intrudes detrital sedimentary rocks of lower Cretaceous age. South of the fault, flat lying Eocene basalt flows cap upper Cretaceous-age sedimentary and volcanic rocks.

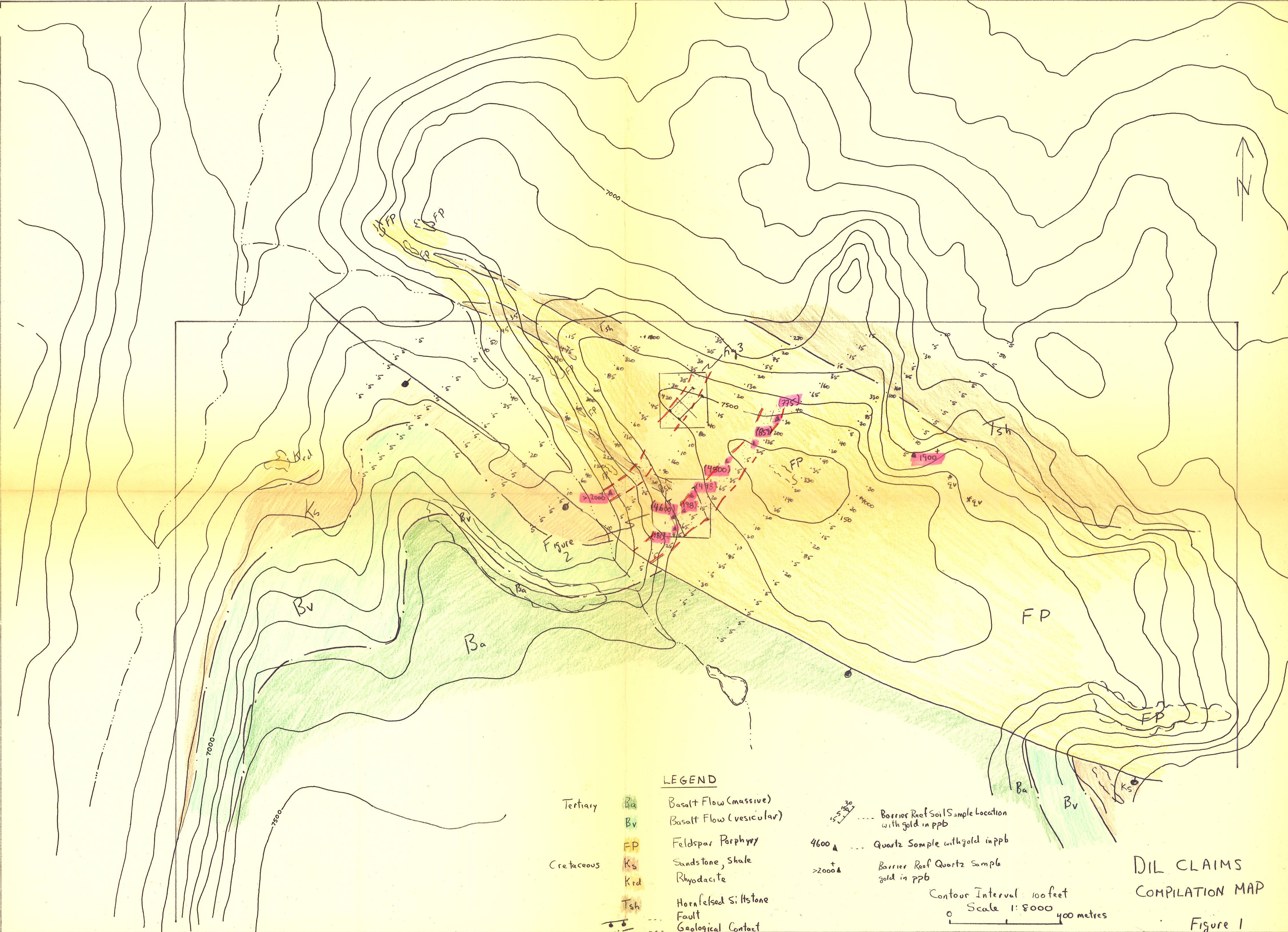
MINERALIZATION:

At several locations, quartz vein float occurs in areas of frost heaved felsenmeer of feldspar porphyry and hornfelsed pyritic siltstone. The quartz float, which is up to 50 cm thick, forms northeasterly oriented boulder trains traceable for hundreds of metres. The vein material is vuggy, banded epithermal quartz with minor fine grained pyrite, lesser arsenopyrite, and stibnite. Of the few samples of quartz analysed by Barrier Reef, one sample contained >2000 ppb gold. The widely spaced soil sampling outlined an irregularly shaped east to northeasterly trending gold anomaly up to 1400 metres long and 100 metres wide in the region of the quartz float. Within the soil anomalies, gold values of up to 4000 ppb were encountered.

CONCLUSIONS:

The presence of widespread auriferous epithermal quartz vein float having values >2000 ppb associated with a prominent gold soil anomaly makes the Dil claims an excellent target for veined gold deposits similar to the nearby Black Dome Mine.

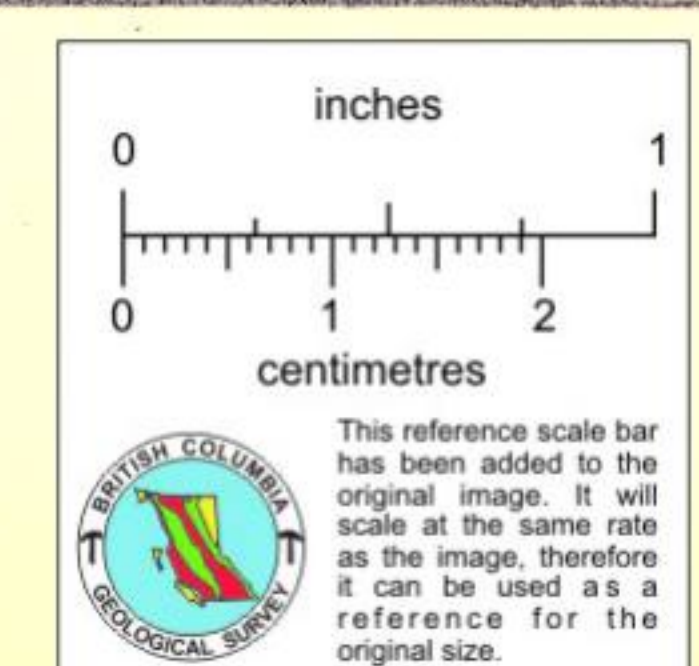
The encouraging results of initial exploration fully justifies ongoing work. A minimum program of detailed prospecting, close spaced soil sampling, further rock sampling and trenching is recommended.



- LEGEND**
- Tertiary
 - Ba Basalt Flow (massive)
 - Bv Basalt Flow (vesicular)
 - FP Feldspar Porphyry
 - Cretaceous
 - Ks Sandstone, Shale
 - Krd Rhyodacite
 - Tsh Hornfelsed Siltstone
 - Fault
 - Geological Contact
 - Quartz Vein boulder train
 - zv# Quartz float
 - Outcrop

Barrier Reef Soil Sample Location with gold in ppb
 4600 Δ Quartz Sample with gold in ppb
 + >2000 Δ Barrier Reef Quartz Sample gold in ppb
 Contour Interval 100 feet
 Scale 1:8000 400 metres

DIL CLAIMS
 COMPILATION MAP
 Figure 1



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