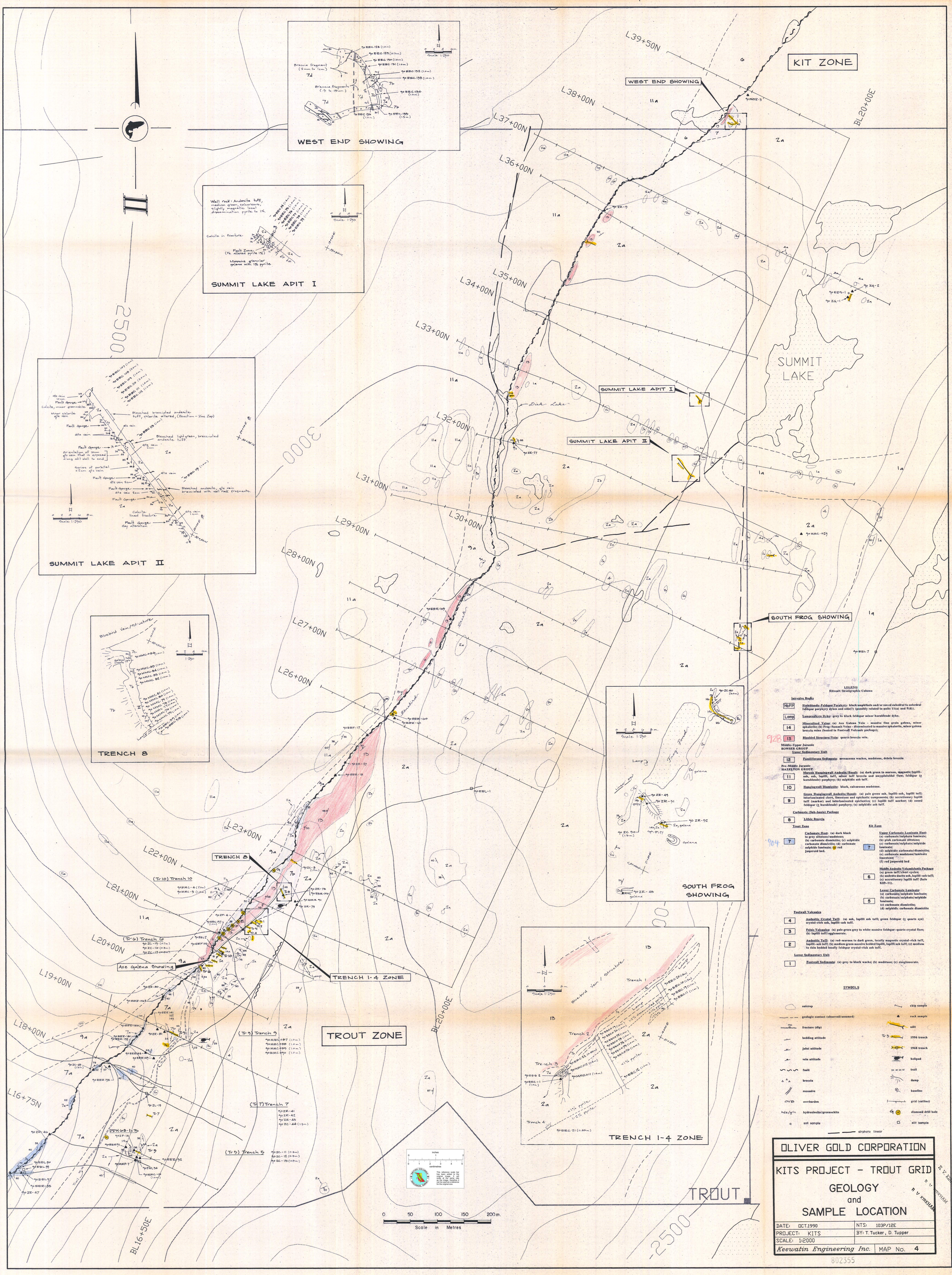

LEGEND
Kitsault Stratigraphic Column

Intrusive Rocks

HbFP — **Hornblende-Feldspar Porphyry**: black amphibole and/or zoned euhedral to anhedral feldspar porphyry dykes and sills(?) (possibly related to units 11(a) and 9(d)).

Lamp — **Lamprophyre Dyke**: grey to black feldspar minor hornblende dyke.

14 — **Mineralized Veins**: (a) Ace Galena Vein - massive fine grain galena, minor sphalerite; (b) Frog-Summit Veins - disseminated to massive sphalerite, minor galena breccia veins (hosted in Footwall Volcanic package);

13 — **Bluebird Structure/Vein**: quartz breccia vein.

Middle-Upper Jurassic
BOWSER GROUP
Upper Sedimentary Unit

12 — **Fossiliferous Sediments**: arenaceous wackes, mudstone, debris breccia

Pre-Middle Jurassic
HAZELTON GROUP

11 — **Maroon Hangingwall Andesite/Basalt**: (a) dark green to maroon, magnetic lapilli-ash, ash, lapilli, tuff, minor tuff breccia and amygdaloidal flow; feldspar (± hornblende) porphyry; (b) sulphidic ash tuff.

10 — **Hangingwall Diamictite**: black, calcareous mudstone.

9 — **Green Hangingwall Andesite/Basalt**: (a) pale green ash, lapilli-ash, lapilli tuff; interlaminated chert, limestone and epiclastic components; (b) accretionary lapilli tuff (marker) and interlaminated epiclastics; (c) lapilli tuff marker; (d) zoned feldspar (± hornblende) porphyry; (e) sulphidic ash tuff.

Carbonate (Sub-basin) Package

8 — **Lithic Breccia**

Trout Zone

7 — **Carbonate Host**: (a) dark black to grey siltstone/mudstone; (b) carbonate diamictite; (c) sulphidic carbonate diamictite; (d) carbonate sulphide laminate; (e) red jasperoid bed.

Kit Zone

7 — **Upper Carbonate Laminate Host**: (a) carbonate/sulphate laminate; (b) pink carbonate siltstone; (c) carbonate/sulphate/sulphide laminate; (d) sulphidic carbonate/diamictite; (e) carbonate mudstone/laminate limestone; (f) red jasperoid bed

6 — **Middle Andesite Volcaniclastic Package**: (a) green tuff/chert cycles; (b) andesite dacite ash, lapilli-ash tuff; (c) accretionary lapilli tuff (hole K89-11).

5 — **Lower Carbonate Laminate**: (a) carbonate/sulphate laminate; (b) carbonate/sulphate/sulphide laminate; (c) carbonate diamictite; (d) sulphidic carbonate diamictite

Footwall Volcanics

4 — **Andesitic Crystal Tuff**: (a) ash, lapilli ash tuff; green feldspar (± quartz eye) crystal-rich ash, lapilli-ash tuff.

3 — **Felsic Volcanics**: (a) pale green grey to white massive feldspar-quartz crystal flow; (b) lapilli tuff/agglomerate.

2 — **Andesitic Tuff**: (a) red-maroon to dark green, locally magnetic crystal-rich tuff, lapilli-ash tuff; (b) medium green massive bedded lapilli, lapilli ash tuff; (c) medium to thin bedded locally feldspar crystal-rich ash tuff.

Lower Sedimentary Unit

1 — **Footwall Sediments**: (a) grey to black wacke; (b) mudstone; (c) conglomerate.

SYMBOLS

outcrop
geologic contact (observed/assumed)
fracture (dip)
bedding attitude
joint attitude
vein attitude
fault
breccia
recessive
OVB — overburden
hdz/grn — hydrozincite/greenockite
o — soil sample
chip sample
rock sample
adit
Tr 3 — 1990 trench
1968 trench
helipad
trail
dump
baseline
grid (cutline)
diamond drill hole
silt sample
airphoto linear

OLIVER GOLD CORPORATION

KITS PROJECT - TROUT GRID
GEOLOGY and SAMPLE LOCATION

DATE: OCT.1990	NTS: 103P/12E
PROJECT: KITS	BY: T. Tucker, D. Tupper
SCALE: 1:2000	
Keewatin Engineering Inc.	MAP No. 4

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