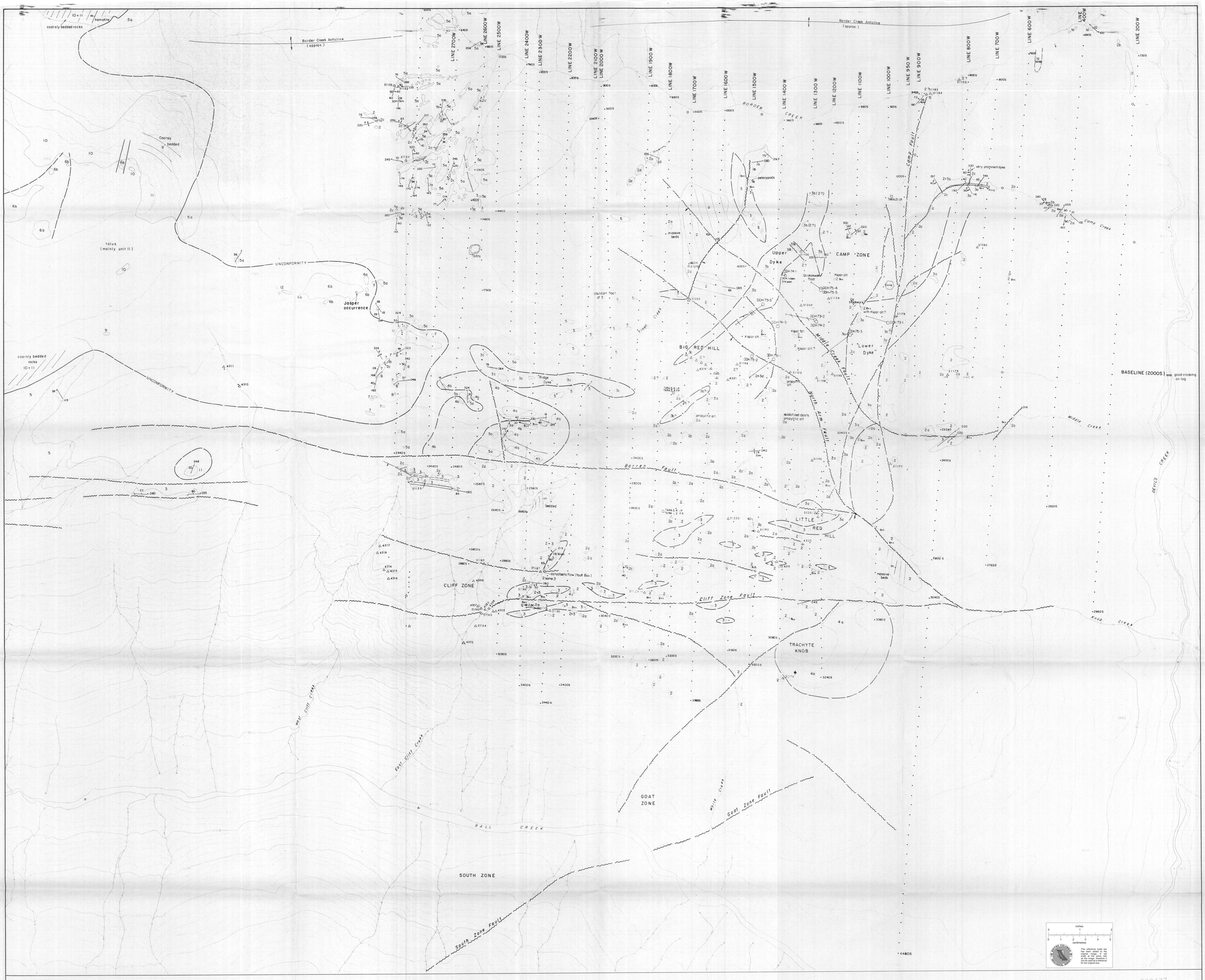

LEGEND

GROUP TWO (Lower Jurassic ?) Mainly epiclastics & basalt

- 12 Andesitic lapilli tuff, locally crystal rich
- 11 Andesitic greywacke
- 10 Andesitic conglomerate, sometime with limestone clasts
- 9 Limestone
- 8 Well-bedded, graded andesitic greywacke - conglomerate
- 7 Basaltic mudstone
- 6 Basalt flows. 6a pillowed, amygdaloidal; 6b non-pillowed porphyritic &/or vesicular

~~~~ UNCONFORMITY ~~~~

GROUP ONE (Upper to Late Triassic). Mainly andesitic country rocks intruded by monzonite.

- 5 Andesitic lahar. Contains clasts of Unit 2, 3 & 4
  - 5a lahar with Unit 2 clasts only & with minor interbeds of andesitic pyroclastics. Intruded by andesite dykes labelled as 2c
- 4 K-spar megacrystic andesite with trachytic flow texture
  - 4a plug
  - 4b flows
  - 4c dykes
- 3 Monzonitic intrusive (K-Ar date = Late Triassic) - undifferentiated monzonite
  - 3a lower dyke latite porphyry
  - 3b upper dyke monzonite porphyry
  - 3c ridge dyke monzonite porphyry
- 2 Andesite - either pyroclastic or flow
  - 2a pyroclastics
  - 2b flows
  - 2c dykes
- 1 Sedimentary rocks
  - 1a black siliceous argillite
  - 1b brown well-bedded siltstone with Norian (Upper Triassic) fossils

Attitudes (inclined, vertical) of:

- Bedding
- Joint
- Cleavage
- Shearing
- Lineation
- Primary flow structures in igneous rocks
- Dyke
- Vein (indicating gangue & width)

- Outcrop boundary
- Fault (observed or topographic trace). Dip indicated.
- Geological contact (inferred)
- Flow contact
- Soil sample site
- Stream sediment sample site
- Rock sample site
- Rock sampling line (random chips)
- Diamond drill hole projection

R. V. KIRKHAM

T.N.
1°09'
29° 15'
U.T.M. GRID NORTH
MAGNETIC NORTH

802477

FIGURE 5

0 100 200 400 800
METRES

PLACER DOME INC.

BALL CREEK PROJECT

DRAWN BY: R. TURNA	GEOLOGY AND ROCK SAMPLE SITES
DATE: NOV. 1989	
SCALE 1:5000	
REVISED:	FILE Nº 243

104G/8W

CHONG
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