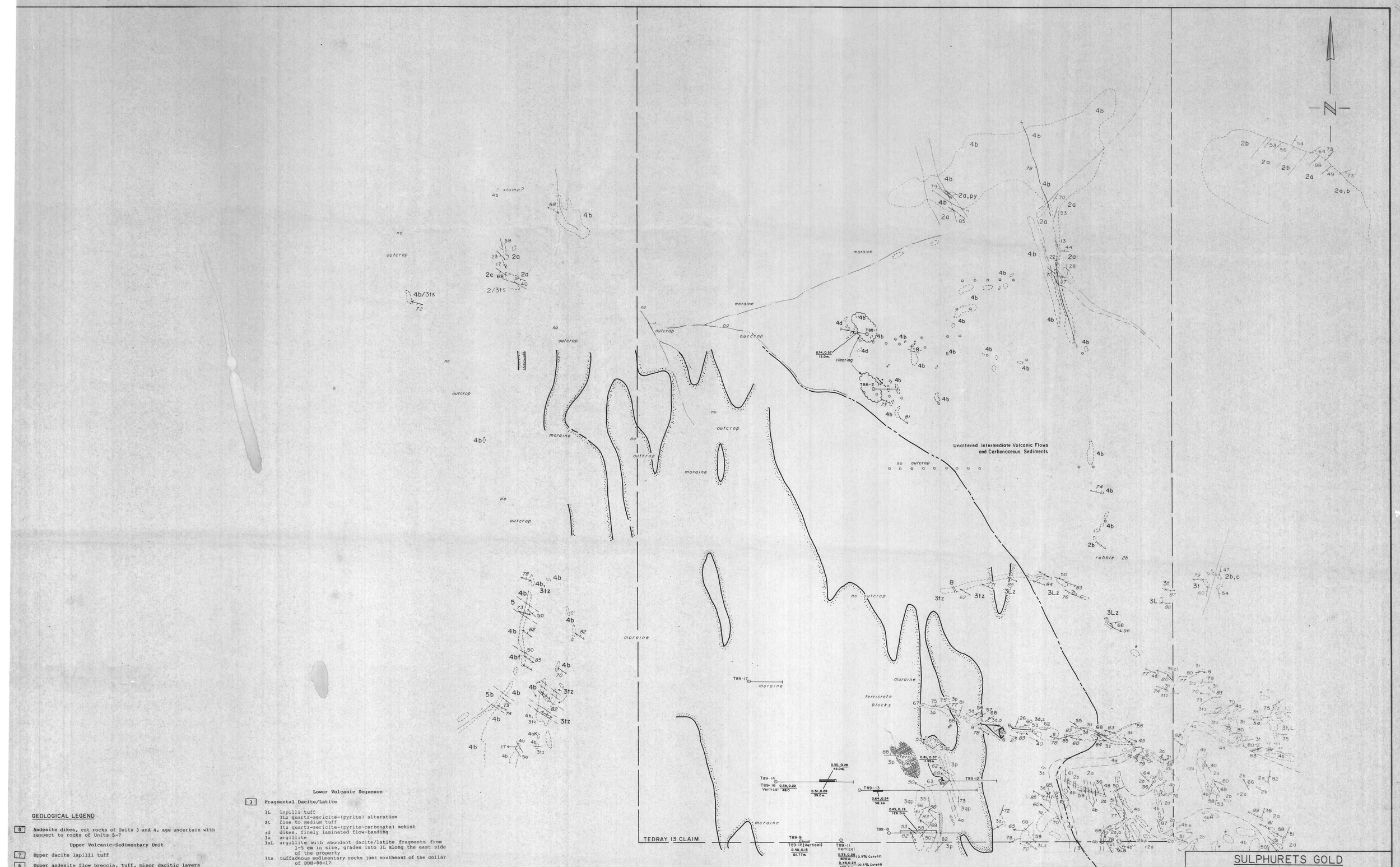

GEOLOGICAL LEGEND

8 **Andesite dikes, cut rocks of Units 3 and 4, age uncertain with respect to rocks of Units 5-7**

Upper Volcanic-Sedimentary Unit

7 **Upper dacite lapilli tuff**

6 **Upper andesite flow breccia, tuff, minor dacitic layers**
- 6a argillite, argillaceous tuff
- 6L lapilli tuff
- 6t tuff
- 6ts tuffaceous sediments

5 **Argillite, dacitic tuff, minor dacite flows**
- 5a argillite, siltstone, thinly bedded
- 5b dacite flow

Extrusive and Hypabyssal Intermediate Rocks, Domes

4 **Latite/Andesite dikes, sills, plugs, domes**
- 4a plagioclase-(hornblende) porphyry
- 4b finer grained, moderately to weakly porphyritic
  - 4bH with elongate hornblende phenocrysts
  - 4bK with moderately abundant K-feldspar
- 4c aphanitic to glassy, massive, slightly porphyritic

4d syenodiorite, fine to medium grained, equigranular

Lower Volcanic Sequence

3 **Fragmental Dacite/Latite**
- 3L lapilli tuff
  - 3Lz quartz-sericite-(pyrite) alteration
- 3t fine to medium tuff
  - 3tz quartz-sericite-(pyrite-carbonate) schist
- 3d dikes, finely laminated flow-banding
- 3a argillite
- 3aL argillite with abundant dacite/latite fragments from 1-5 cm in size, grades into 3L along the east side of the property
- 3ts tuffaceous sedimentary rocks just southeast of the collar of DDH-88-17

Hydrothermal event associated with Unit 3
- 3p lenses parallel to bedding and dissemination of pyrite
- 3qp quartz-pyrite veinlets and lenses, in part parallel to bedding and in part subparallel to foliation
- 3cu quartz with patches and veinlets of pyrite and primary copper sulfides (chalcopyrite, tetrahedrite, and locally bornite); late recrystallized veinlets and patches are of quartz-chalcopyrite-(tetrahedrite)

2 **Carbonaceous Sedimentary Rocks**
- 2a argillite, siltstone, minor sandstone; thinly bedded
- 2b sandstone, greywacke; with minor argillite intervals
- 2c pebble conglomerate
- 2d conglomerate; well rounded pebbles, cobbles, and boulders
- 2e cherty sedimentary rocks; thinly bedded

1 **Basement Plutonic/Hypabyssal Rocks**

quartz diorite and porphyritic (plagioclase-hornblende) latite inclusions in plugs of Unit 4b/c

SYMBOLS

- Outcrop
- Outcrop-noted, but not mapped
- Geological Contact, definite / approximate
- Strike and Dip of S_0
- Flow Foliation in Dike with Dip.
- Strike and Dip of S_1
- Lineation with Plunge.
- Fault, major
- Fault, minor
- Ferricrete
- Diamond Drill Hole
- Creek
- Grid Station

LEGEND

- diamond drill hole with high grade copper intersection
- % Copper, Grams/ton Gold / Interval in metres
- I.P. Resistivity Low (N=4) ≤ 300 ohm-metres
- limit of alteration

SCALE 50 25 0 50 100 150 METRES
1:2500

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it represents a true distance for the original size.

SULPHURETS GOLD CORPORATION

1989

TEDRAY 13 PROPERTY

COMPILATION MAP
PROPERTY GEOLOGY

John Payne	Oct., 1989
J.P.	
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