

MEMORANDUM

VANCOUVER

1981 August 7

CC: R.L. Roscoe ✓  
J. Paxton

TO: D.A. Barr

FROM: T. Drown

Chappelle Claims (Northeast Block)

Early July saw a four man crew investigating Au-Ag mineralization reported by Lacana on the northeast block of the Chappelle claims. Twenty rock, 127 soil and 7 bulk sediment samples were collected.

Results indicate an area of at least 300 m north-south and 200 m east-west with Au values exceeding 100 PPB in soil and up to 22 PPM Ag in rocks. Mercury, arsenic and copper anomalies coincide with the Au anomaly.

Geology indicates a large area of strong clay-quartz alteration in volcanic rocks of the Takla Formation. Pyritic gossans occur around and over the anomalous area.

Conclusions and Recommendations

Geochemical results suggest a Au-Ag bearing zone similar to the SEREM deposit, at least in size. It is recommended that further soil and rock sampling and geologic mapping and prospecting be done as soon as possible this summer to further delineate size and intensity of the zone.

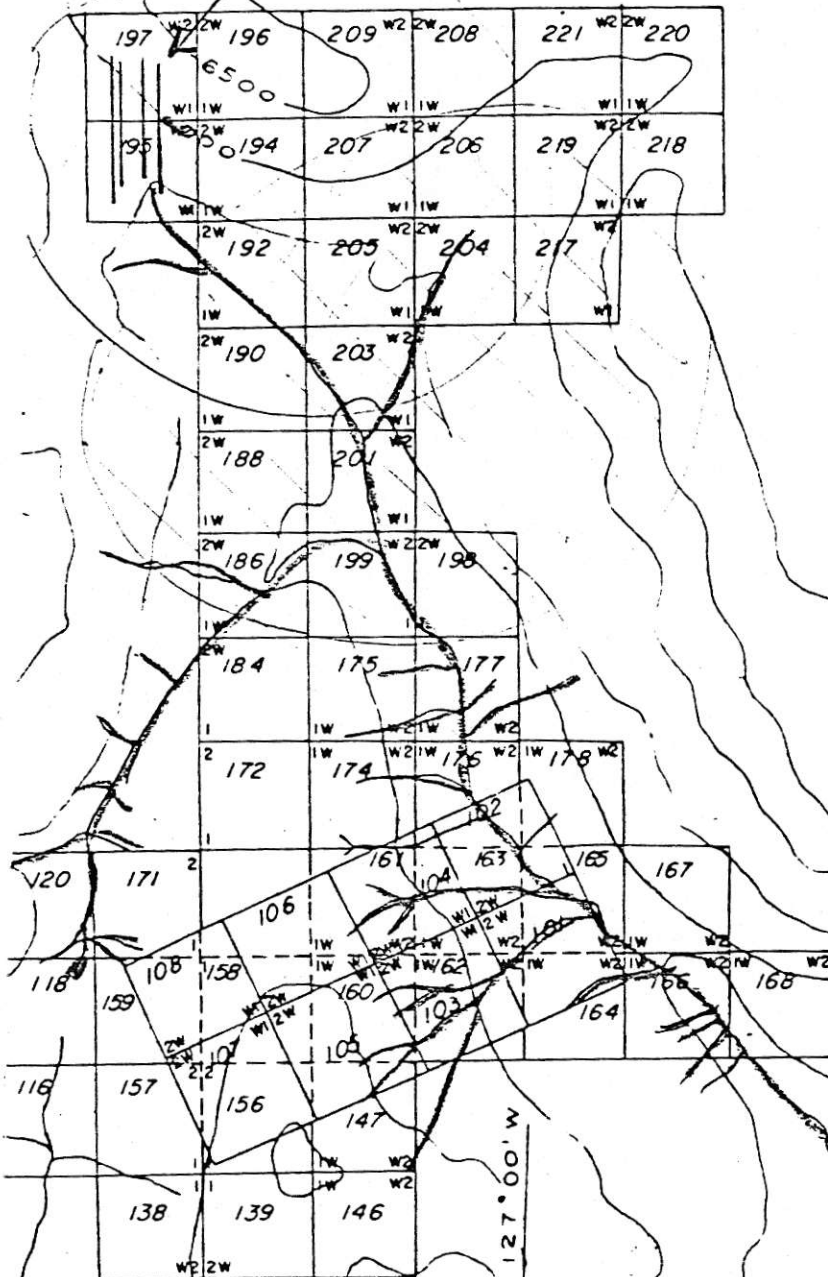
Bulk sediment sampling to the south indicates further Au sources in this area of the Chappelle claims and could be followed up at the same time.

TJD/hm



PRINT TRIM LINE

APPROX GRID AREA



KENCO EXPLORATIONS (WESTERN) LIMITED

Chappelle Claims

Omineca M.D., B.C.

# Au in Soils (PPB)



STAGE
21000
10000
10000
21000
30000

10000

20000

30000

40000

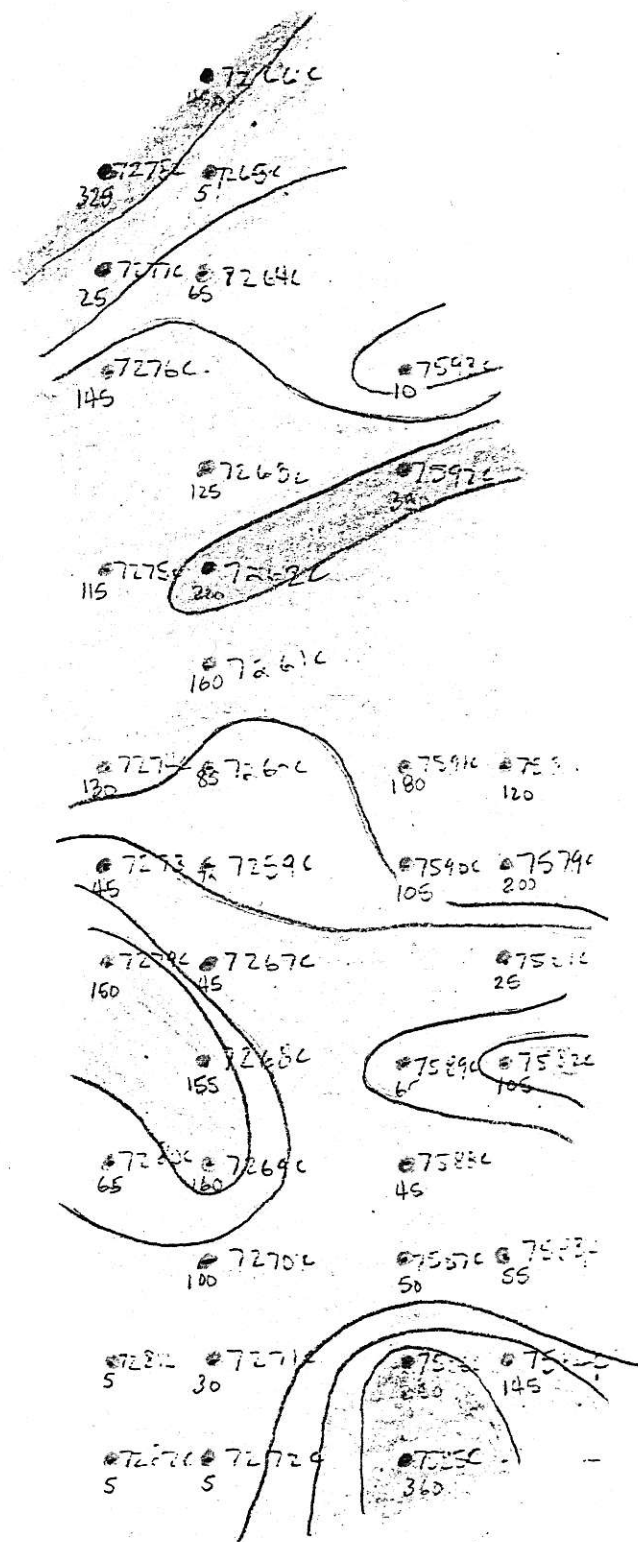
50000

60000

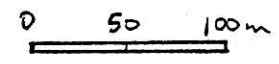
70000

80000

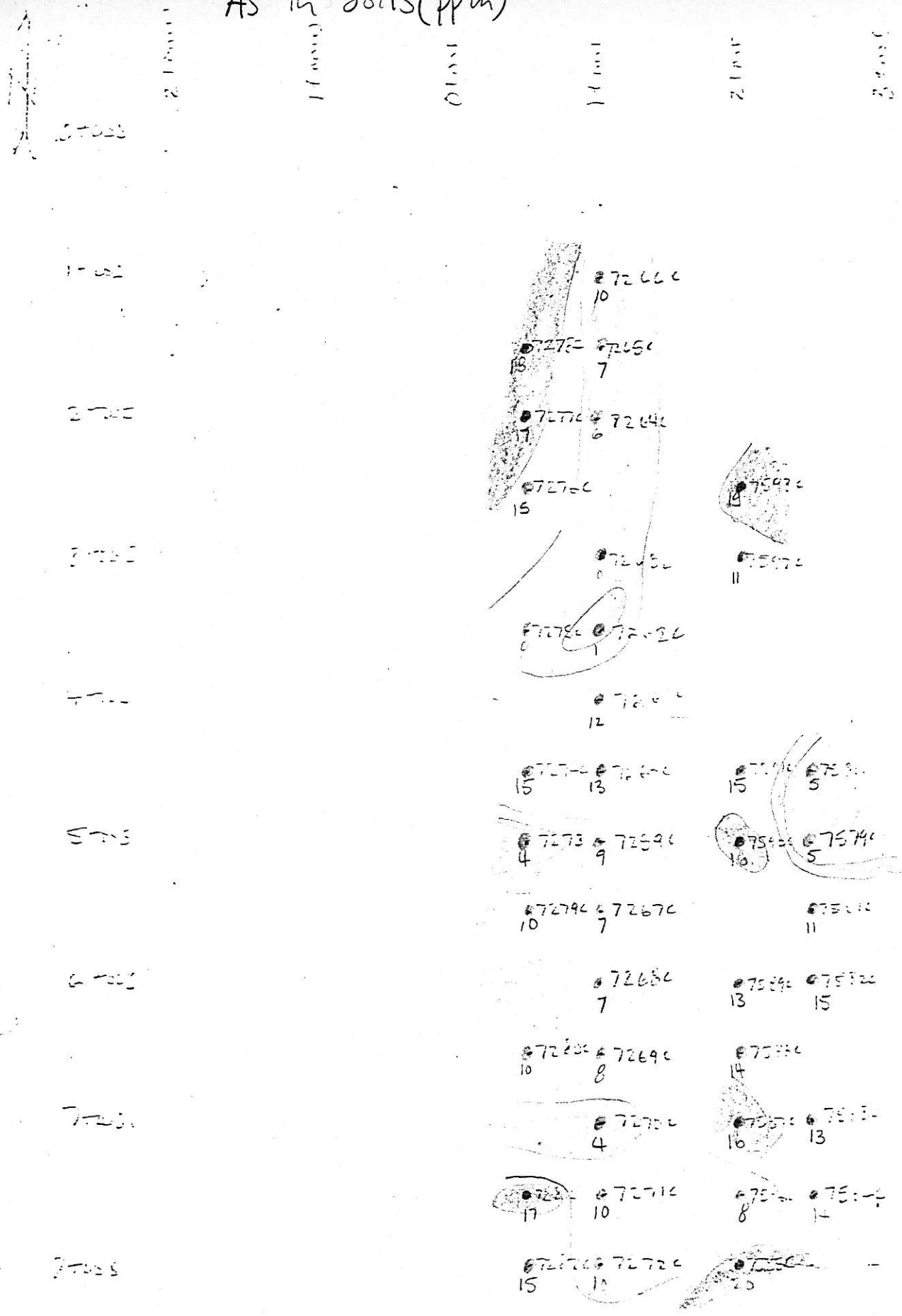
90000



- 0-50
- 51-100
- 101-200
- > 200



# As in Soils (ppm)



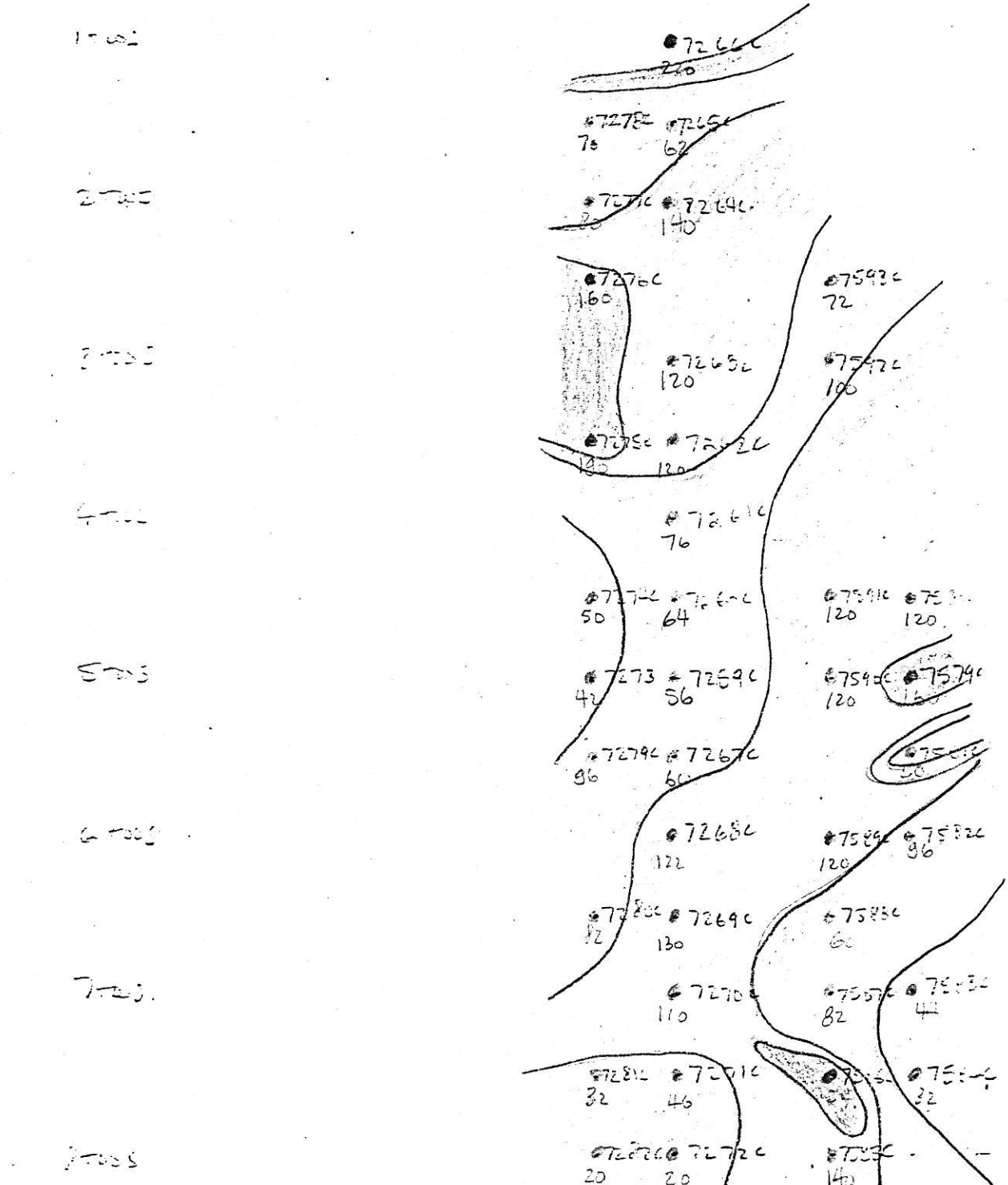
● 1-5 ppm  
 ● 6-10 ppm  
 ● 11-15 ppm  
 ● 16-20 ppm  
 ● > 15 ppm

0 50 100 m

9-53

# Cec in Soils (ppm)

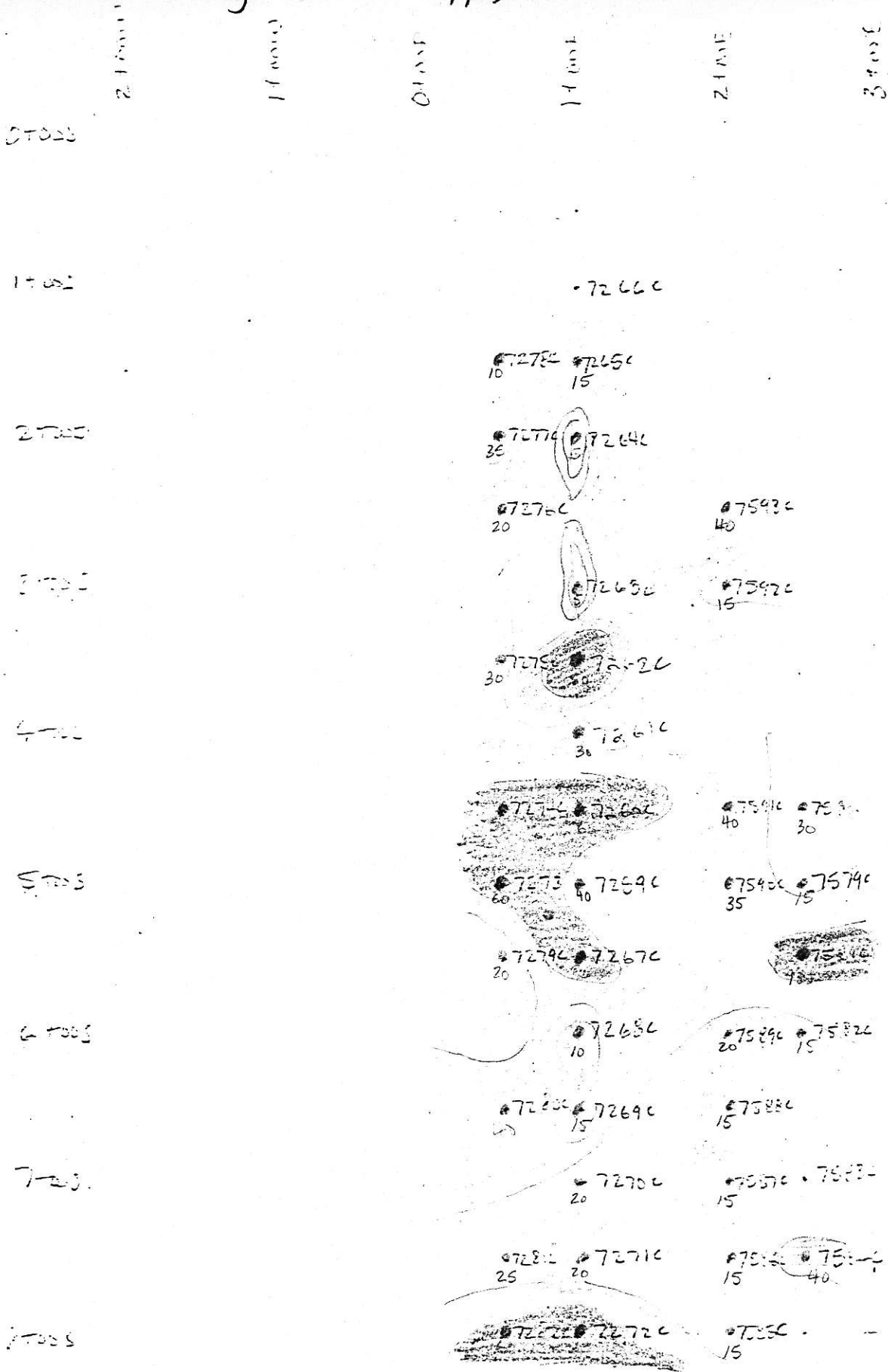
24000
14000
01000
14000
24000
34000



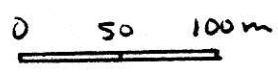
● 0-50 ppm  
 ○ 51-100 ppm  
 ○ 101-150 ppm  
 ○ >150 ppm

0    50    100m

# Hg in Soils (ppb)

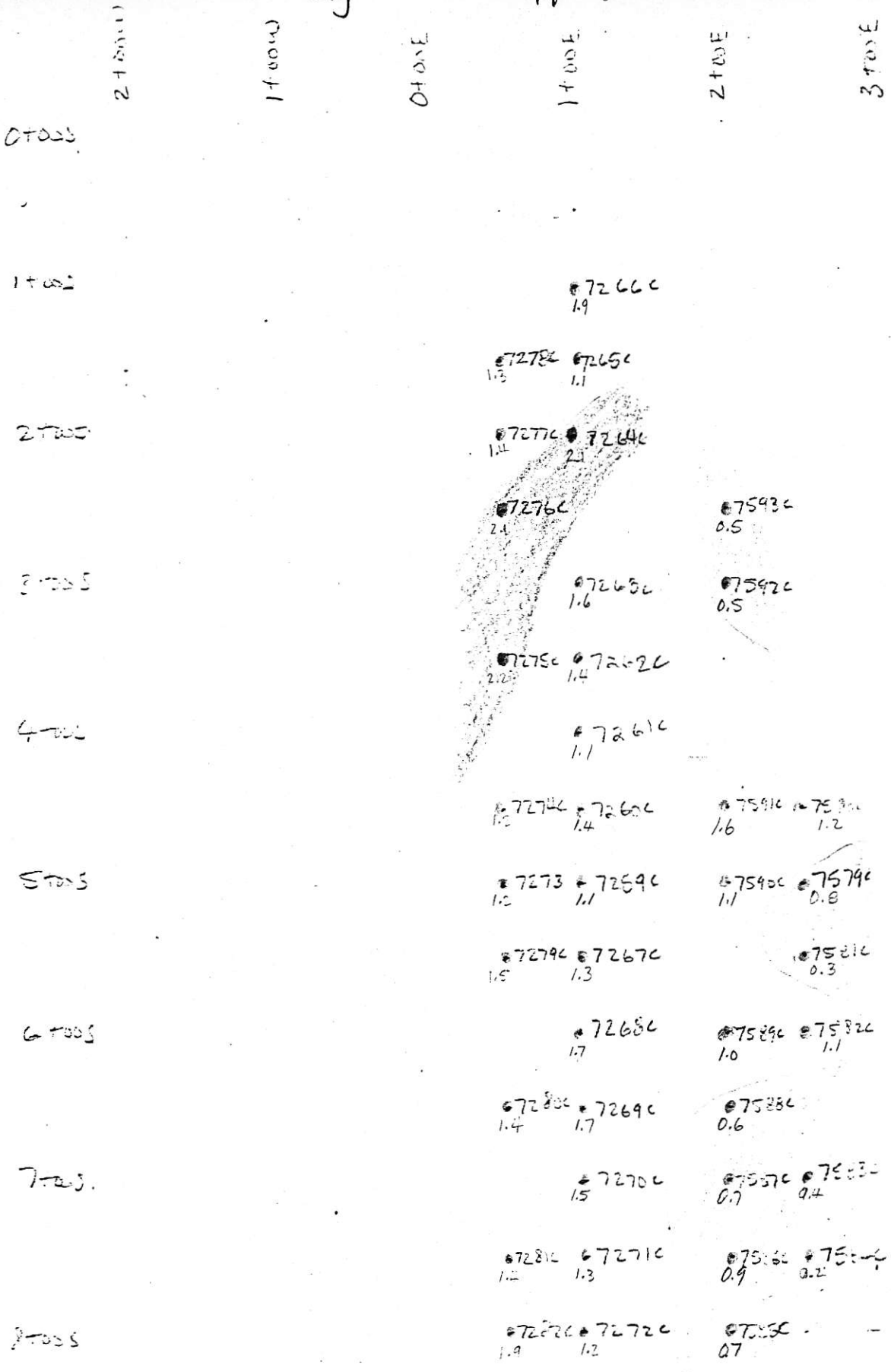


- < 15 ppb
- 15-30 ppb
- 31-45 ppb
- > 45 ppb

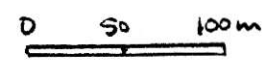


90000

# Ag in Soils (ppm)



- < 1 ppm
- 1 - 2 ppm
- > 2 ppm



9 rows