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PHASE II  
DRILLING REPORT  
ON THE  
TANTALUS RESOURCES LTD.  
TREATY CREEK PROJECT

ISKUT-SULPHURETS AREA  
BRITISH COLUMBIA

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OREQUEST



3-7-5

## SUMMARY

The Treaty Creek Project of Tantalus Resources Ltd. lies within the Iskut-Sulphurets area of northern B.C. (Figure 1), approximately 16 kilometres east of the Eskay Creek deposit of Calpine Resources Inc./Stikine Resources Ltd. and 10 kilometres north of the Sulphurets gold deposit of Newhawk Gold Mines Ltd./Corona Corp./Granduc Mines Ltd.

The drilling portion of the Phase II program on the Konkin Zone and the Goat Trail Zone commenced on September 22, 1989, approximately one month after the 1989 Phase I program was completed. The program was initiated after encouraging results were received from the Phase I program with hole TA-89-3 assaying 0.138 oz/ton gold over 4.09 m including 1.8 m of 0.249 oz/ton gold.

A total of 7 holes totalling 800.92 m were completed with 509.96 m in two holes on the Goat Trail Zone and 290.96 m in five holes on the Konkin Zone. When combined with the Phase I program a total of 11 holes totalling 1182.75 m were completed on the Treaty Creek Project during 1989. Costs of the Phase II program were approximately \$175,000.

Drilling on the Goat Trail Zone involved 2 holes from one site to test a quartz-sericite-pyrite alteration zone in andesite lapilli tuff sampled on one of the rappel traverses. This zone was not clearly intersected in either hole though broad areas of mineralization and/or alteration seen in drill core can be roughly correlated with the surface samples. Various massive pyrite zones were also intersected in the andesite lapilli tuff, however no surface expression of these zones was noted. Sericite and/or silica altered diorite was the lowermost lithology seen in both holes.

A maximum value of 0.155 oz/ton gold was returned from the Goat Trail drilling, TA-89-5, representing a 1.0 m intersection within the andesite lapilli tuffs. Lower grade, but strongly anomalous, intervals are present throughout the hole often associated with quartz-sericite-pyrite alteration zones. The above mentioned sample is part of a 22.3 m interval which averaged 938 ppb gold. The corresponding section in hole TA-89-6 averaged 542 ppb gold over 26.5 m within the andesite lapilli tuffs. Other significant intersections within the Goat Trail Zone include 28.5 m averaging 655 ppb and 630 ppb gold over 22.78 m from the basal diorite in holes TA-89-5 and 6 respectively.

On the Konkin Zone a steeper hole, TA-89-7, was drilled below holes TA-89-3 and 4 which returned a maximum value of 0.127 oz/ton gold over 1.5 m. The chlorite-epidote-gold horizon was intersected however it contained only moderately anomalous gold values. As in holes TA-89-3 and 4 a wide intersection of anomalous gold was encountered between 55.00 m and 103.20 m which assayed 414 ppb. The step out holes did not encounter any extension of the chlorite-epidote-gold horizon but did intersect anomalous gold values up to 0.039 oz/ton over 1.0 m and 428 ppb over 28.0 m in TA-89-10. Winter storms and heavy snowfall forced a shut down of the program prior to completing hole TA-89-11.

Further work is warranted on this area in light of the current information. The complete Phase II program should be implemented at the start of the 1990 field season. Costs to carry out the remainder of this program are estimated at \$325,000.

GOAT TRAIL ZONE

SEE FIGURES 15 & 16

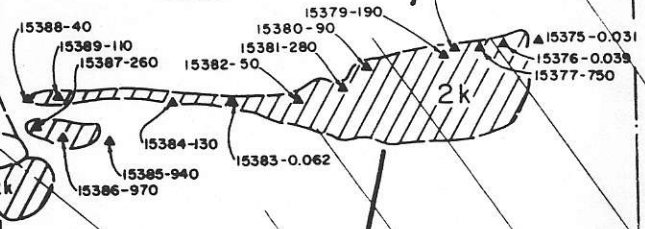
UPPER ZONE

KONKIN ZONE

SEE FIGURES 9 & 10

TR 5  
SW CORNER  
TR 8

ppm  
15378 - Cu > 20,000, Ag > 50, As > 1000, Au 130 ppb



15937  
-0.060

15304-450

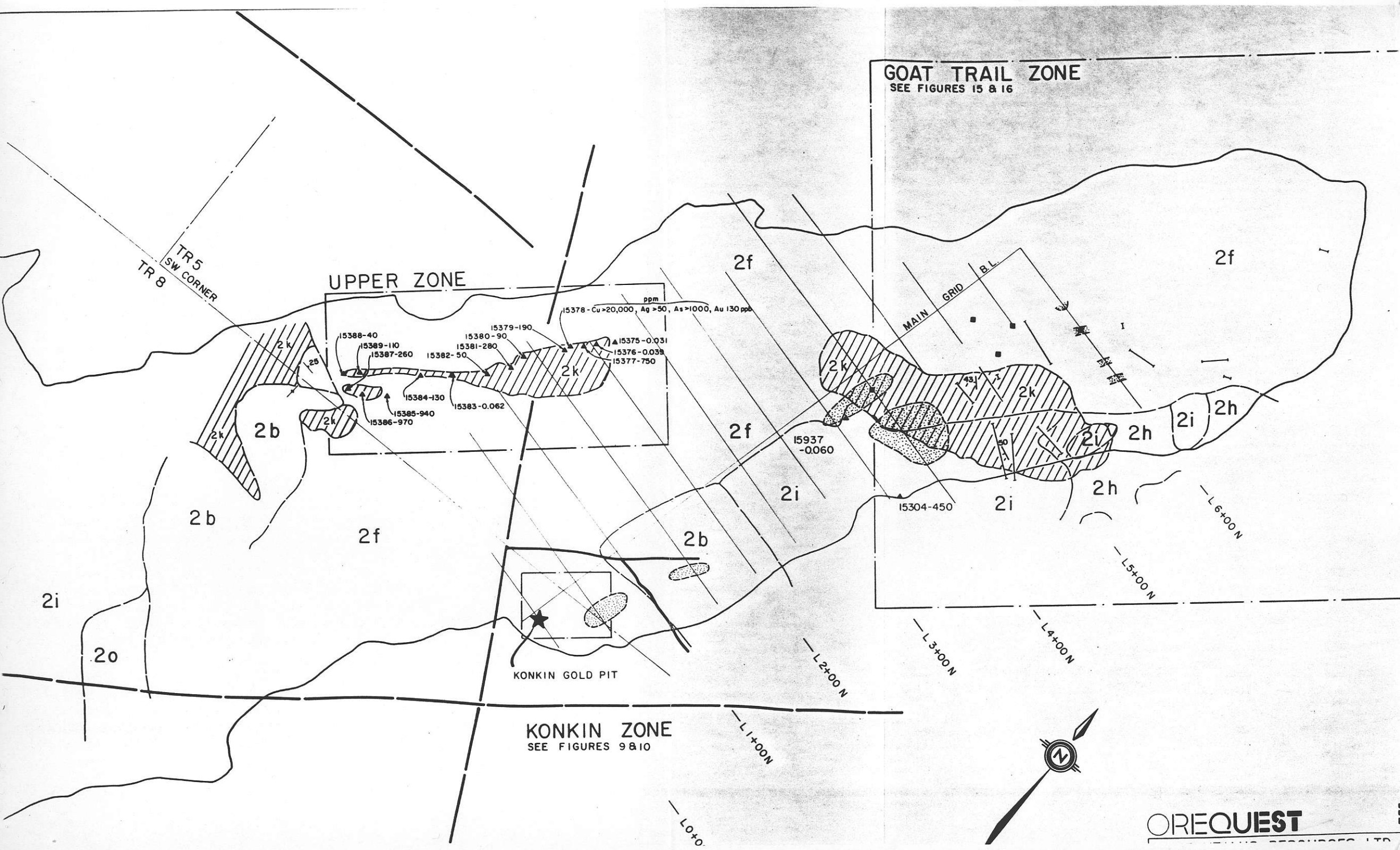
KONKIN GOLD PIT

MAIN GRID  
B.L.



OREQUEST

111



0+00

1+00N

2+00 N

3+00N

4+00N

5+00N

6+00N

KONKIN ZONE

GOAT TRAIL ZONE

PAD No. 4



TA-89-9

TA-89-8

PAD No. 2



PAD No. 1



PAD No. 5



PAD No. 3



TA-89-7

TA-89-11

TA-89-4

TA-89-10

GOLD ZONE

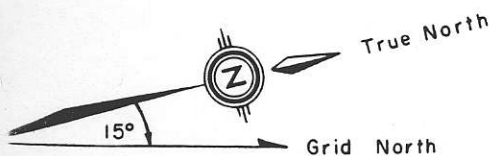
89-1

TA-89-3

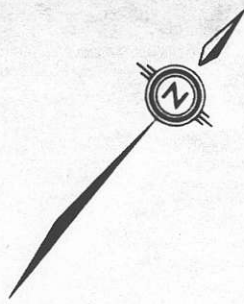
TA-89-2

TA-89-6

TA-89-5



ORQUEST



L4+00N

15252-520, 0.2, 15, 260  
 15251-0.083, 2.6, 26, 230  
 15253-650, 6.0, 18, 200  
 15254-590, 4.0, 33, 400  
 15255-430, 3.0, 100, 230

15256-0.083, 7.2, 170, 200  
 15257-530, 1.4, 74, 180  
 15258-0.041, 1.8, 66, 230  
 15259-260, 0.8, 56, 140  
 15260-0.042, 0.6, 39, 170  
 15261-0.095, 33, 22, 270  
 15262-860, 14, 15, 270  
 15263-360, 3.0, 77, 230  
 15264-480, 5.8, 420, 200  
 15265-190, 0.6, 140, 17  
 15266-170, 2.0, 160, 82  
 15267-120, 1.2, 86, 84  
 15268-60, 0.2, 64, 210

L5+00N

L6+00N

45141-0.050, 3.4, 22, 250  
 45142-690, 2.0, 61, 520  
 45143-0.039, 1.8, 65, 310  
 45144-0.044, 13, 70, 460  
 45145-580, 2.0, 83, 210

45146-520, 1.8, 86, 300  
 45147-0.057, 25, 610, 550  
 45148-0.127, 4.78\*, 940, 1170  
 45149-640, 18, 610, 880  
 45150-630, 1.2, 75, 120  
 45151-0.041, 9.2, 190, 590  
 45152-200, 3.0, 190, 450

45153-900, 5.8, 140, 830

45190-700, <0.2, 20, 37  
 45191-570, 0.4, 60, 66  
 45192-0.055, 1.2, 29, 170  
 45193-0.029, 0.4, 18, 140  
 45194-0.031, 0.4, 12, 56  
 45195-510, 0.4, 8, 110  
 45196-300, <0.2, 6, 9  
 45197-95, <0.2, 7, 75  
 45198-510, 0.4, 8, 84  
 45199-210, <0.2, 8, 130  
 45200-280, <0.2, 6, 84

45301-700, 1.6, 48, 448  
 45302-291, 0.7, 15, 290  
 45303-0.031, 3.8, 384, 387  
 45304-410, 2.0, 36, 160  
 45305-240, 1.2, 60, 119  
 45306-220, 0.8, 17, 109  
 45307-80, 0.5, 7, 57  
 45308-230, 0.7, 8, 61  
 45309-100, 0.4, 9, 50

15294-150, 0.4, 45, 490  
 15295-55, 0.8, 150, 590  
 15296-190, 1.2, 78, 560

15269-870, 3.3\*, 740, 430  
 15270-0.042, 12, 110, 230

45314-140, 1.0, 15, 94  
 45315-300, 2.1, 65, 103  
 45316-170, 1.0, 14, 90  
 45317-120, 0.3, 9, 51  
 45318-210, 0.4, 14, 56

15288-0.030, 3.0, 41, 210  
 15289-380, 2.8, 16, 110  
 15290-780, 0.8, 21, 370  
 15291-870, 3.8, 49, 500  
 15292-0.033, 2.2, 58, 550  
 15293-300, 0.6, 52, 280

45123-400, 3.2, 11, 94  
 45124-380, 0.6, 11, 160  
 45125-440, 0.6, 11, 110  
 45126-330, 0.4, 8, 60  
 45127-75, <0.2, 2, 43  
 45128-260, 1.0, 6, 120

45157-580, 3.4, 25, 130  
 45158-70, 0.8, 57, 92  
 45159-75, 0.2, 48, 86  
 45160-<5, <0.2, 5, 48

45154-710, 18.4, 1100, 260  
 45155-80, 1.2, 36, 140  
 45156-110, 2.2, 260, 180

15271-160, 1.2, 17, 20  
 15272-210, 1.2, 5, 76  
 15273-460, 2.2, 7, 100  
 15274-730, 6.2, 6, 110  
 15275-280, 3.2, 5, 100  
 15276-360, 0.4, 4, 50  
 15277-480, 0.2, 4, 50  
 15278-300, 0.4, 40, 60  
 15279-380, 0.2, 7, 87  
 15280-260, <0.2, 6, 260  
 15281-410, <0.2, 6, 100  
 15282-0.055, 0.6, 15, 79  
 15283-310, <0.2, 4, 76  
 15274-840, <0.2, 16, 150

45107-80, 0.8, 59, 43  
 45108-130, 1.6, 51, 77  
 45109-230, 0.6, 84, 34  
 45110-220, 1.0, 38, 68  
 45111-600, 1.0, 85, 170  
 45112-0.035, 0.8, 26, 94  
 45113-330, 0.6, 9, 66

15297-0.063, 1.0, 9, 120  
 15298-450, 0.8, 23, 130  
 15299-240, 1.6, 9, 77  
 15300-160, 0.8, 33, 120

**SAMPLE RESULTS**

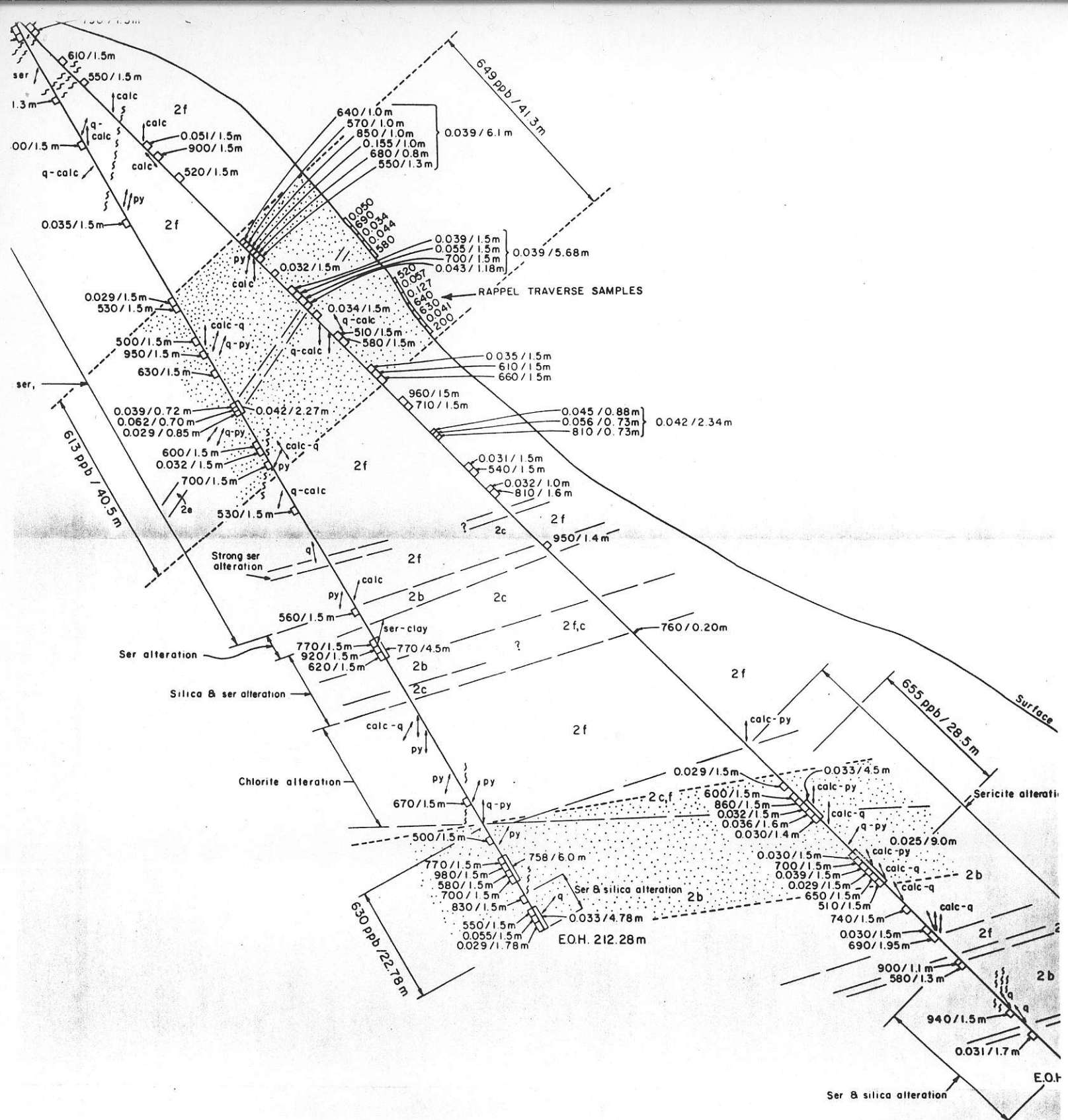
SAMPLE No.	Au ppb	Ag oz/t	Cu ppm	As ppm
15288-300	7.87*	220	930	

or

SAMPLE No.	Au oz/t	Ag ppm	Cu ppm	As ppm
15288-0.017	18.2	220	930	

**SYMBOLS**

- / — RAPPEL SAMPLE SITE
- ⊙ DRILL HOLE LOCATION



- SYMBOLS**
- VEIN
  - FAULT
  - LITHOLOGIC CONTACT
  - GOLD ASSAY (ppb) over INTERVAL (m)
  - GOLD ASSAY (oz/t) over INTERVAL (m)
  - OVERBURDEN

NOTE: ONLY GOLD VALUES OF  $\geq 500$  ppb ARE PLOTTED

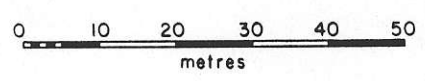
LOW GRADE GOLD ZONE

**ALTERATION ZONES**

- TRITE-EPIDOTE-GOLD HORIZON
- TR - 5% py
- TR - 5 - 20% py
- TR >20% py
- SITE LAPILLI-CRYSTAL TUFF - tr -5% py
- SITE LAPILLI-CRYSTAL TUFF >5% py

**ABBREVIATIONS**

- q QUARTZ
- feld FELDSPAR
- calc CALCITE
- carb CARBONATE
- ep EPIDOTE
- hem HEMATITE
- lim LIMONITE
- ser SERICITE
- cpy CHALCOPYRITE
- py PYRITE



**OREQUEST**

TANTALUS RESOURCES

Figure 8

TREATY CREEK PROJ

GOAT TRAIL ZONE

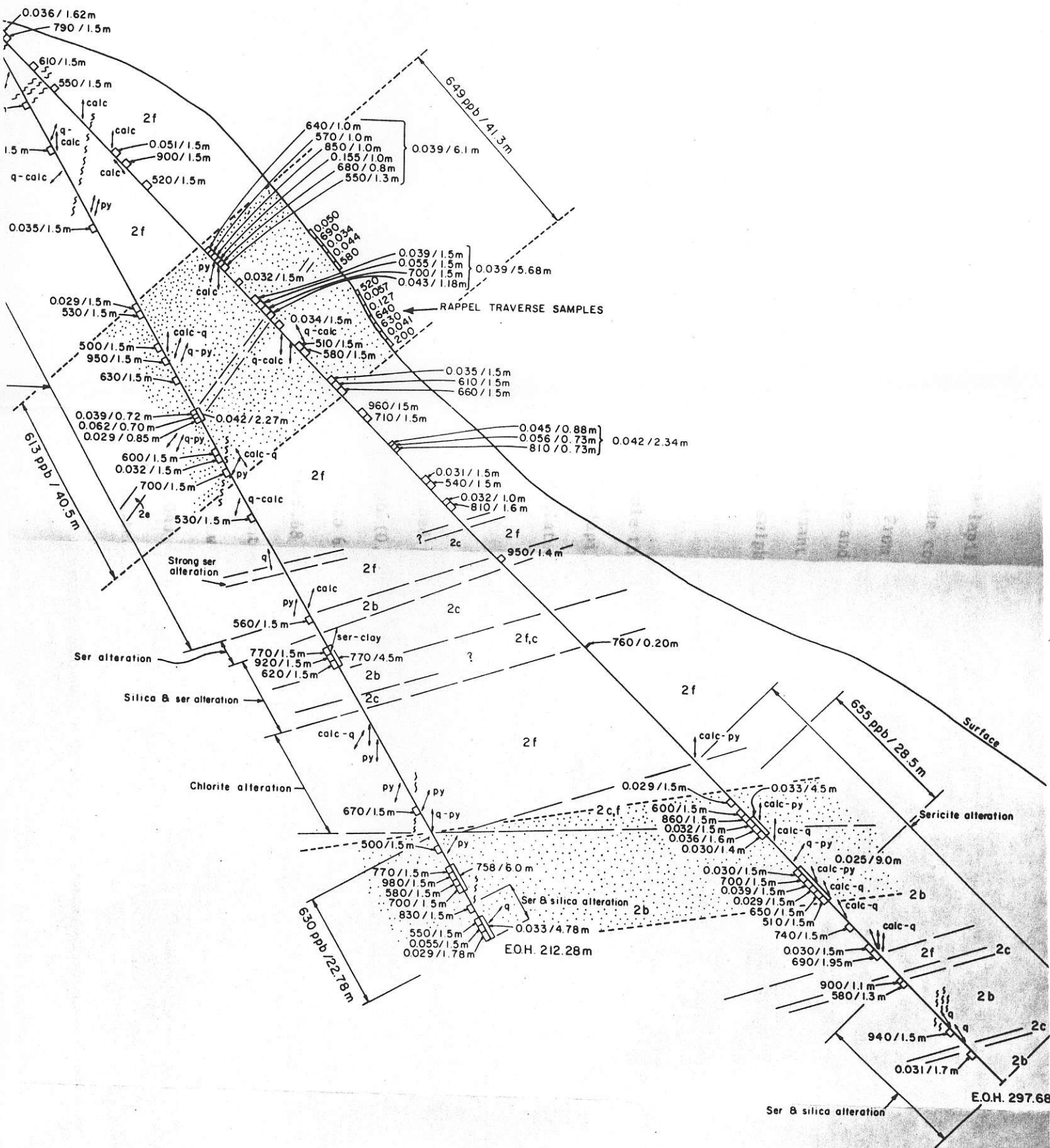
DRILL SECTION TA-89-

British Columbia

NTS: 104 B/9E

# LOOKING NORTH

TA-89-5  
Az 105°, -45°  
Elev. 1555 m

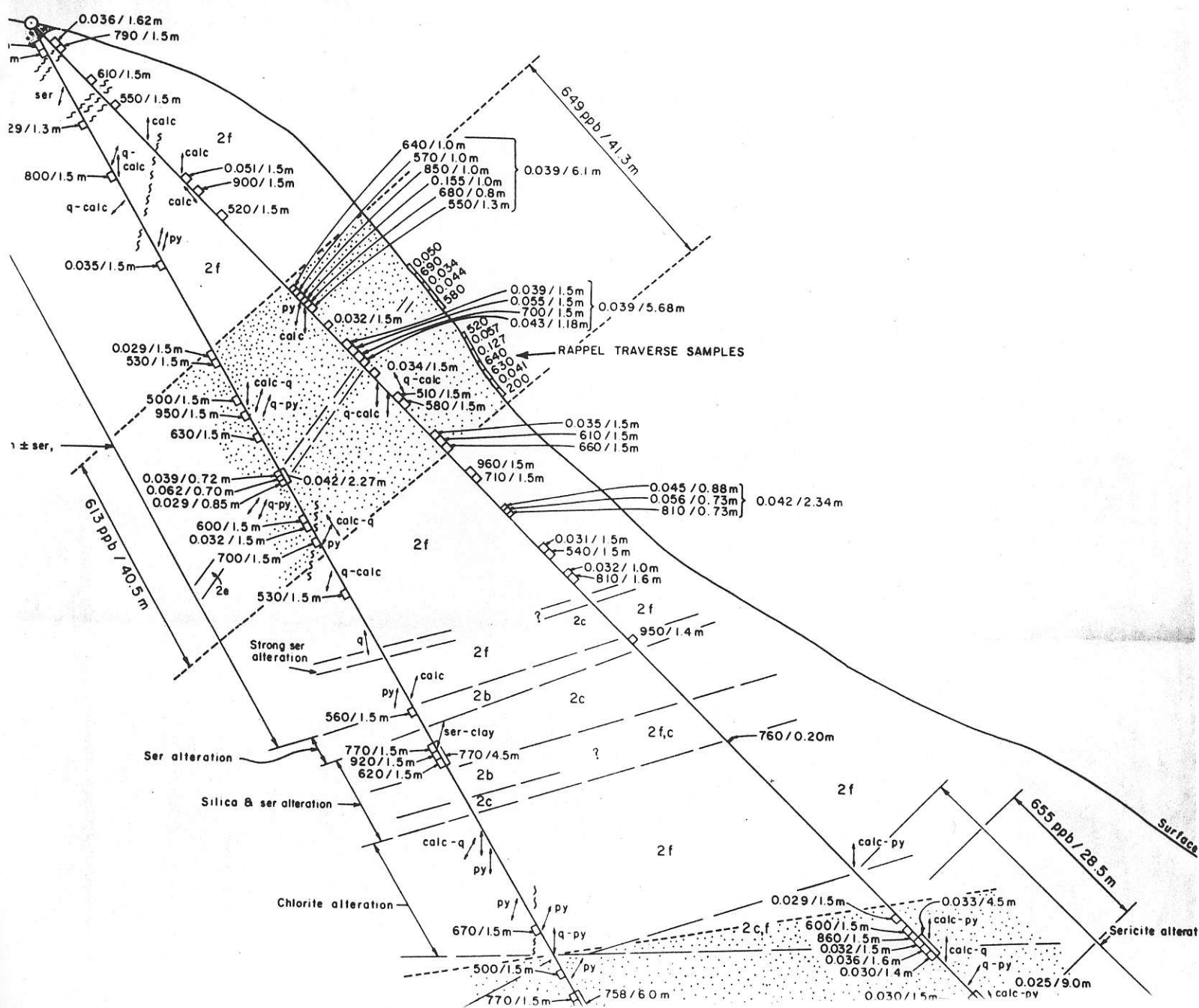


- SYMBOLS**
- ↔ VEIN
  - ~~~~~ FAULT
  - LITHOLOGIC CONTACT



LOOKING NORTH

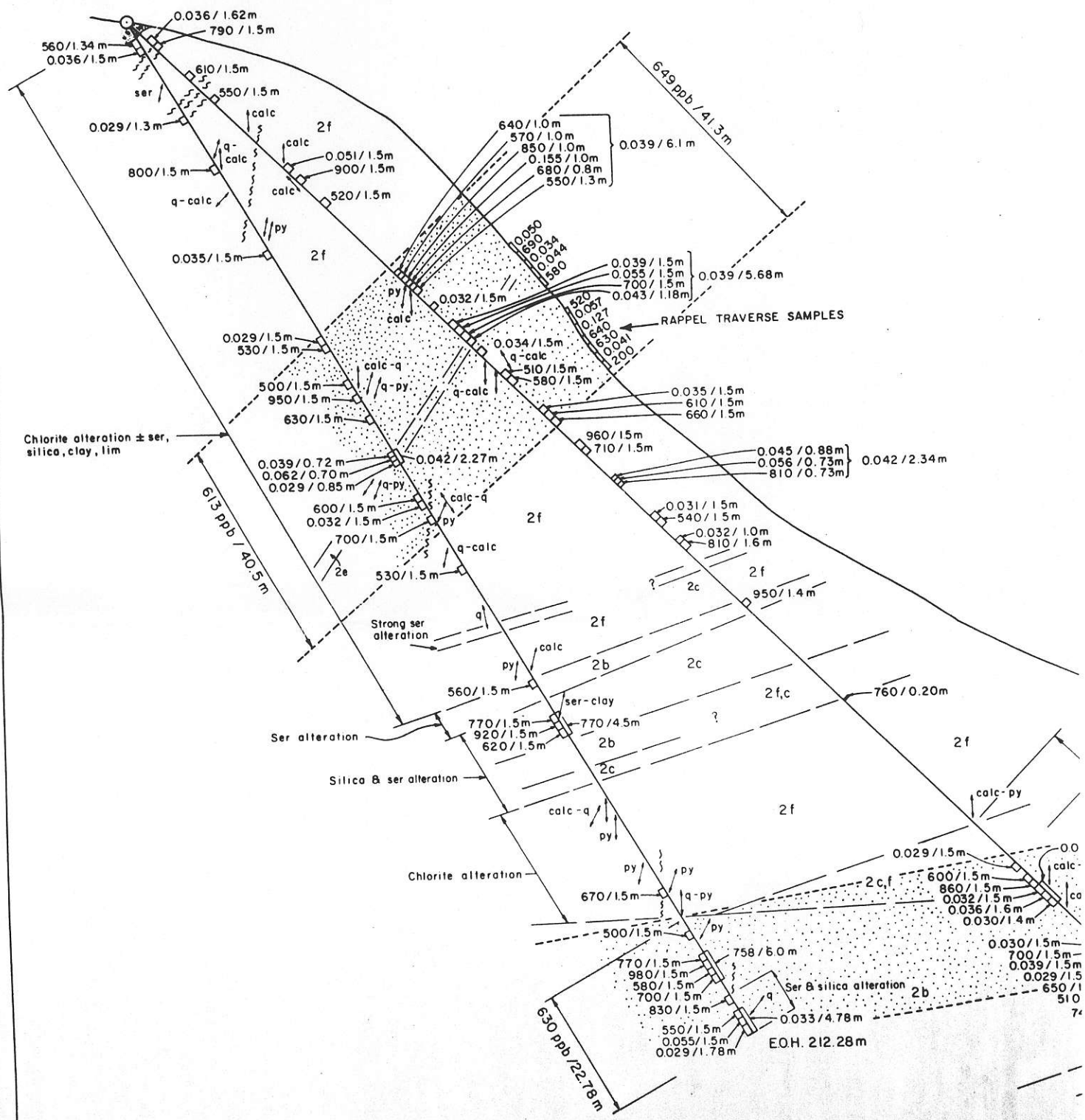
TA-89-5  
Az 105°, -45°  
Elev. 1555 m



LOOKING NORTH

TA-89-6  
Az 105°, -60°  
Elev 1555m

TA-89-5  
Az 105°, -45°  
Elev 1555m



SYMBOLS

- VEIN
- FALL
- LITHO
- GOLD

LOOKING SOUTHWEST

TA-89-3  
(Az 151°, -45°)  
Elev 1555 m

TA-89-4  
(Az 151°, -60°)  
Elev 1555 m

CHLORITE-EPIDOTE GOLD HORIZON

