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MEMORANDUM

DATE: November 25, 1982
A TO: B. D. Simmons ✓
COPIES A COPIES TO: M. J. Knuckey
DE FROM: P. W. A. Severin
SUJET SUBJECT: ECSTALL AREA - MASS/PACKSACK MS DEPOSIT NTS103H/14W

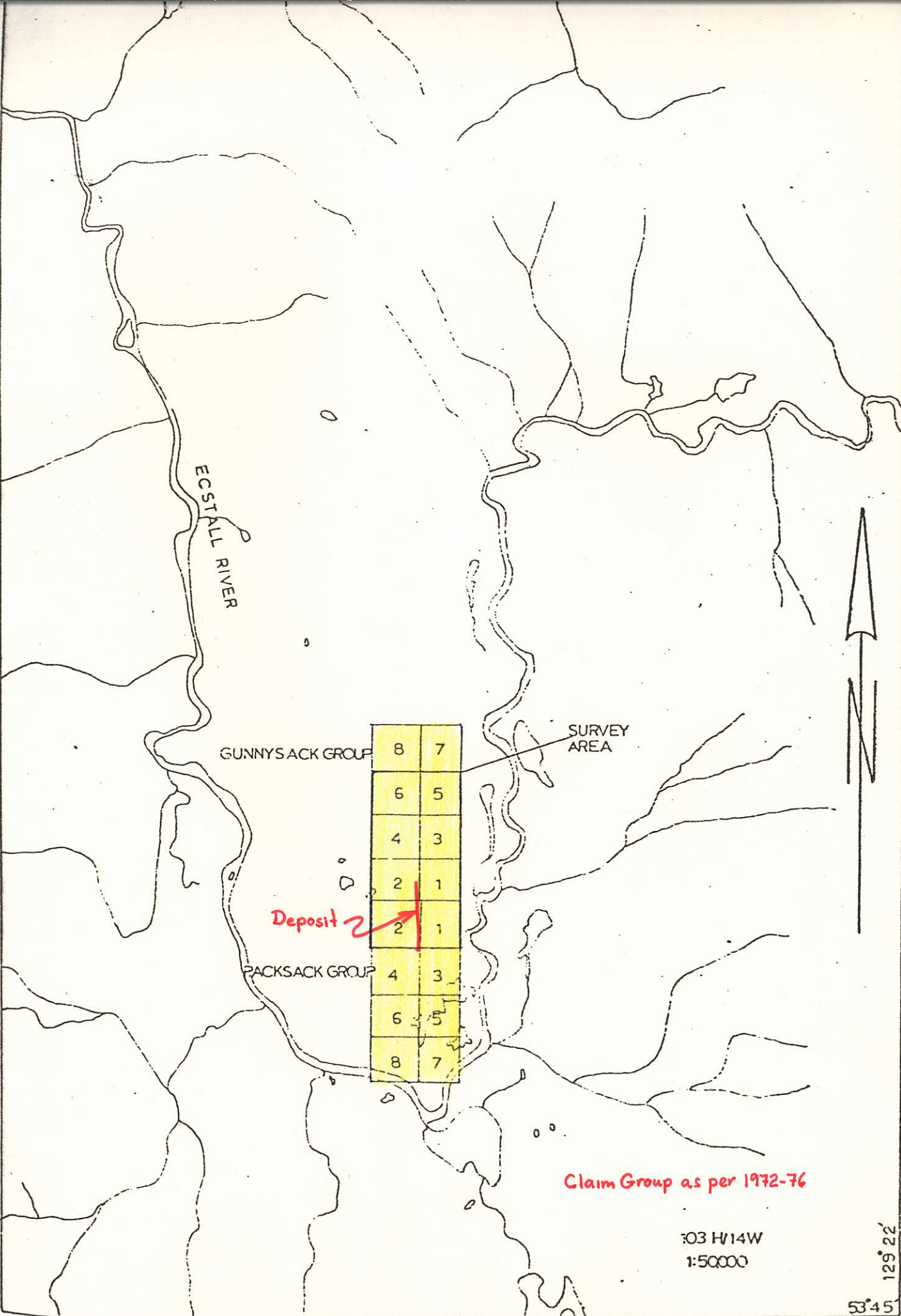
Further to my memos of June 24 and August 17 pertaining to the Ecstall River Project, additional ground acquisition is hereby recommended pending a satisfactory agreement with E & B.

INTRODUCTION

The Mass or Packsack deposit which was briefly described in my previous memos (to which the reader is referred for location etc) is held by Dimac Resource Corporation of Vancouver as claim block "The Mass 2620 (10)" which consists of 16 units. This significant, grossly unexplored, Py-(Sph-Ag-Cp-Au) massive sulphide deposit should be acquired by C.F.C. as part of our proposed regional program. Additional data pertaining to this deposit was recently received from C. Graf and will briefly be summarized below.

PREVIOUS WORK

- 1958 - ground held by Texasgulf
- McPhar dual frequency Vertical Loop EM survey (1000 and 5000 Hz) was completed during the period July 1-25, 1958.
 - a conductor axis located close to, and paralleling the baseline was recognized over a strike length of 2000 feet.
 - a report by D. B. Sutherland interpreted the source to be vertical and diamond drilling was recommended.
- 1960 - diamond drilling by Texasgulf
- July and August: drilled 2891 ft. in 11 holes
 - holes spaced at 100 to 200 feet along strike with a total of 1700 feet of strike length tested. ie more or less one tier of holes that intersected the massive sulphide zone up to 300 ft. below surface but the majority pierced the zone within 100 ft. of surface.



GUNNYSACK GROUP

SURVEY AREA

Deposit 2

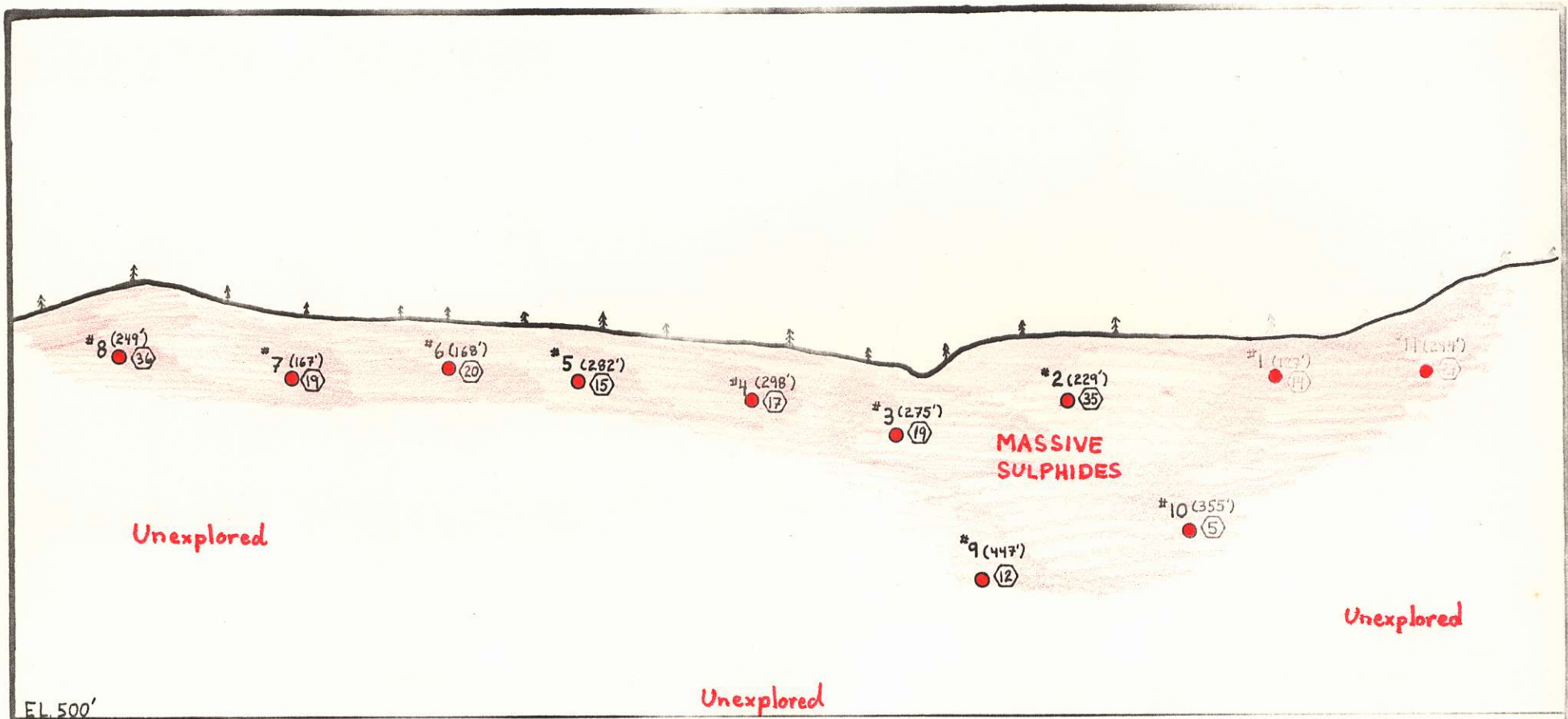
PACKSACK GROUP

Claim Group as per 1972-76

03 H/14W
1:50000

129° 22'
53° 45'

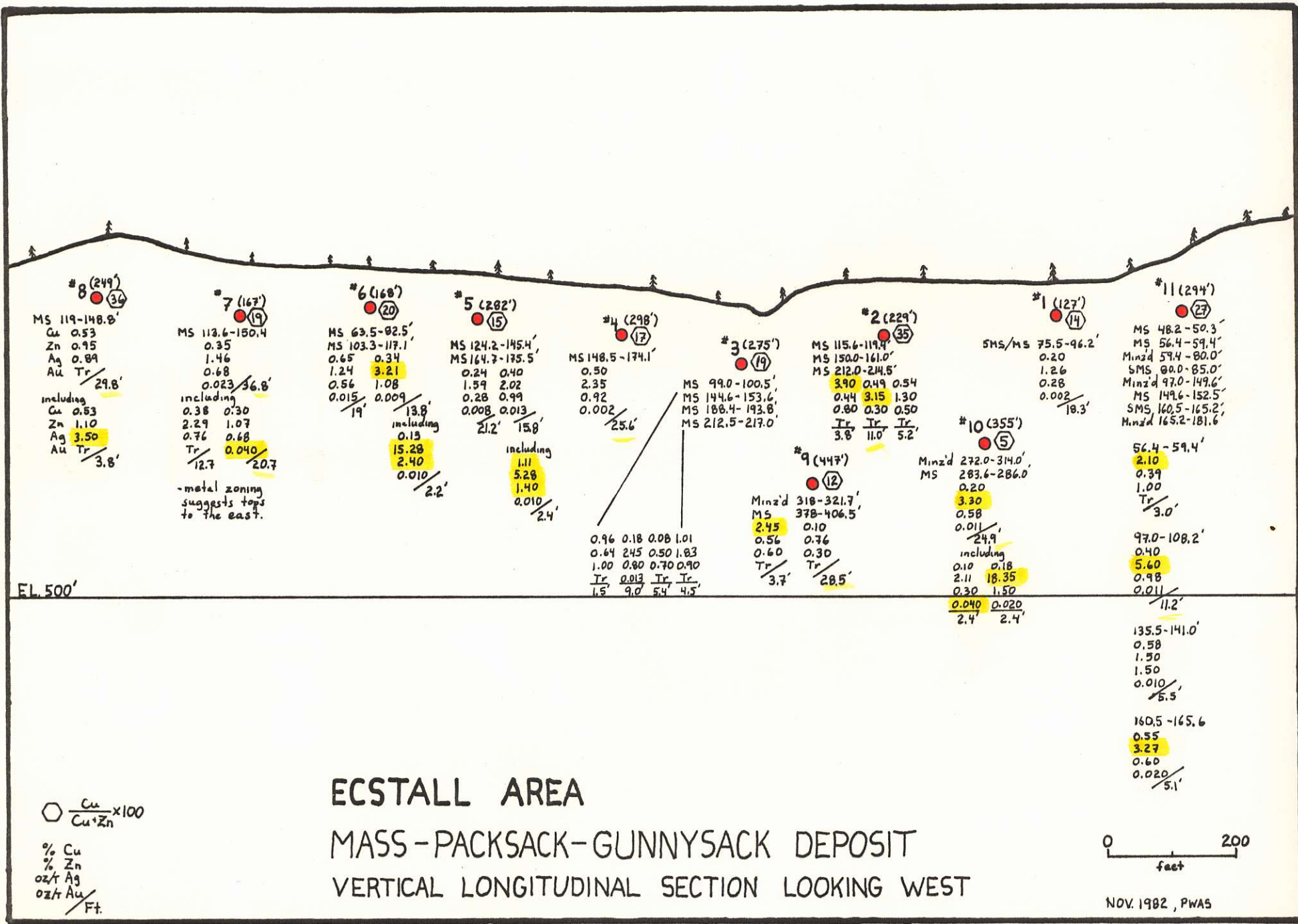
- 1960 - every hole intersected massive sulphides with estimated true widths ranging from 2.0-30.0 ft. and often in the 10 to 25 ft. range
- significant Cu, Zn, Ag and Au values have been intersected
 - please refer to the longitudinal sketch
- 1973 - Ground re-staked by Texasgulf, July 26, 1972
- Texasgulf conducted geological (1"=500') and soil geochemical surveys
 - Report by P. R. Delancey and J. M. Newell
 - Object of survey: to extend known sulphide body and/or discover new deposits
 - Geology - property underlain by a series of strongly foliated chlorite to quartz-sericite schists which strike N-S and dip steeply to the east
 - MS occur within qtz-sericite schist
 - meta-argillites found in western part of claim group where they are in contact with "chlorite diorite"
 - MS up to 20 feet wide and can be traced for +1200 feet
 - hornblende lamprophyre dykes observed
 - Geochemistry - 119 soil samples collected at 100 ft. intervals along E-W lines 600' apart
 - difficulty in collecting "B" horizon, therefore the majority of samples collected from "A" horizon
 - sampling "A" horizon in this type of topography is highly questionable!
 - analysed for Cu, Zn and Pb by Bondar-Clegg in Vancouver
 - no positive response
 - no confidence can be put in this survey
 - one pyritic rock chip survey "ran" 59 PPM Cu, 67 PPM Pb, 200 PPM Zn, 1.5 PPM Ag and 5 PPB Au
 - Conclusion by T. G.: "Results from these surveys do not encourage hope for extending the known massive sulphide body or discovering other significant MS zones on the Packsack-Gunnysack claim group."
- 1975 - shootback EM survey by T.G. - July 21-28 incl.
- report by W. A. Gasteiger of Texasgulf in Timmins



ECSTALL AREA
 MASS-PACKSACK-GUNNYSACK DEPOSIT
 VERTICAL LONGITUDINAL SECTION LOOKING WEST

\circ $\frac{Cu}{Cu+Zn} \times 100$
 % Cu
 % Zn
 oz/t Ag
 oz/t Au
 Ft.

0 ————— 200
 Feet
 NOV 1962, 1965



#8 (249)
 MS 119-148.8'
 Cu 0.53
 Zn 0.95
 Ag 0.89
 Au Tr / 29.8'
 including
 Cu 0.53
 Zn 1.10
 Ag 3.50
 Au Tr / 3.8'

#7 (167)
 MS 113.6-150.4
 0.35
 1.46
 0.68
 0.023 / 36.8'
 including
 0.38 0.30
 2.29 1.07
 0.76 0.68
 Tr / 0.040
 12.7 / 20.7

-metal zoning suggests top to the east.

#6 (168)
 MS 63.5-82.5'
 MS 103.3-117.1
 0.65 0.34
 1.24 3.21
 0.56 1.08
 0.015 / 0.009 / 19'
 13.8 / including 0.13 / 15.28 / 2.40 / 0.010 / 2.2'

#5 (282)
 MS 124.2-145.4'
 MS 164.7-175.5'
 0.24 0.40
 1.59 2.02
 0.28 0.99
 0.008 0.013 / 21.2' / 15.8'
 including 1.11 / 5.28 / 1.40 / 0.010 / 2.4'

#4 (298)
 MS 148.5-174.1'
 0.50
 2.35
 0.92
 0.002 / 25.6'
 0.96 0.18 0.08 1.01
 0.64 2.45 0.50 1.83
 1.00 0.80 0.70 0.90
 Tr / 0.013 Tr / Tr / 1.5 9.0 5.4 4.5

#3 (275)
 MS 99.0-100.5'
 MS 144.6-153.6'
 MS 188.4-193.8'
 MS 212.5-217.0'
 Minz'd MS 318-321.7'
 MS 378-406.5'
 2.45 / 0.56 / 0.10 / 0.36 / 0.60 / 0.30 / Tr / 3.7' / 28.5'

#2 (229)
 MS 115.6-119.4'
 MS 150.0-161.0'
 MS 212.0-244.5'
 3.90 0.49 0.54
 0.44 3.15 1.30
 0.80 0.30 0.50
 Tr / 3.8 Tr / 11.0 Tr / 5.2'
 #9 (447)
 Minz'd 318-321.7'
 MS 378-406.5'
 0.56 / 0.36 / 0.60 / 0.30 / Tr / 3.7' / 28.5'

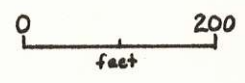
#10 (355)
 Minz'd 272.0-314.0'
 MS 283.6-286.0'
 3.30 / 0.58 / 0.01 / 24.9 / including 0.10 0.18 / 2.11 18.35 / 0.30 1.50 / 0.040 0.020 / 2.4' 2.4'

#1 (127)
 SMS/MS 75.5-96.2'
 0.20
 1.26
 0.28
 0.002 / 19.3'

#11 (294)
 MS 48.2-50.3'
 MS 56.4-59.4'
 Minz'd 59.4-80.0'
 SMS 80.0-85.0'
 Minz'd 97.0-149.6'
 MS 149.6-152.5'
 SMS 160.5-165.2'
 Minz'd 165.2-181.6'
 56.4-59.4' / 2.10 / 0.39 / 1.00 / Tr / 3.0' / 97.0-108.2' / 0.40 / 5.60 / 0.98 / 0.011 / 11.2' / 135.5-141.0' / 0.58 / 1.50 / 1.50 / 0.010 / 5.5' / 160.5-165.6 / 0.55 / 3.27 / 0.60 / 0.020 / 5.1'

○ $\frac{Cu}{Cu+Zn} \times 100$
 % Cu
 % Zn
 oz/t Ag
 oz/t Au / Ft.

ECSTALL AREA
 MASS-PACKSACK-GUNNYSACK DEPOSIT
 VERTICAL LONGITUDINAL SECTION LOOKING WEST



NOV. 1982, PWAS

- 1975 - Crone CEM unit, 5010 Hz
- object of survey - attempt to extend known zone further north
 - E-W traverse lines at 120M spacings with readings @ 20M
 - used horizontal shoot-back mode
 - coil separation 80 metres
 - Results: previous conductor recognized on lines 580-1060N
 - located a new strong conductor on line 2140N approximately 1100 metres north of the known zone
 - Recommendation: prospecting in an attempt to identify the source

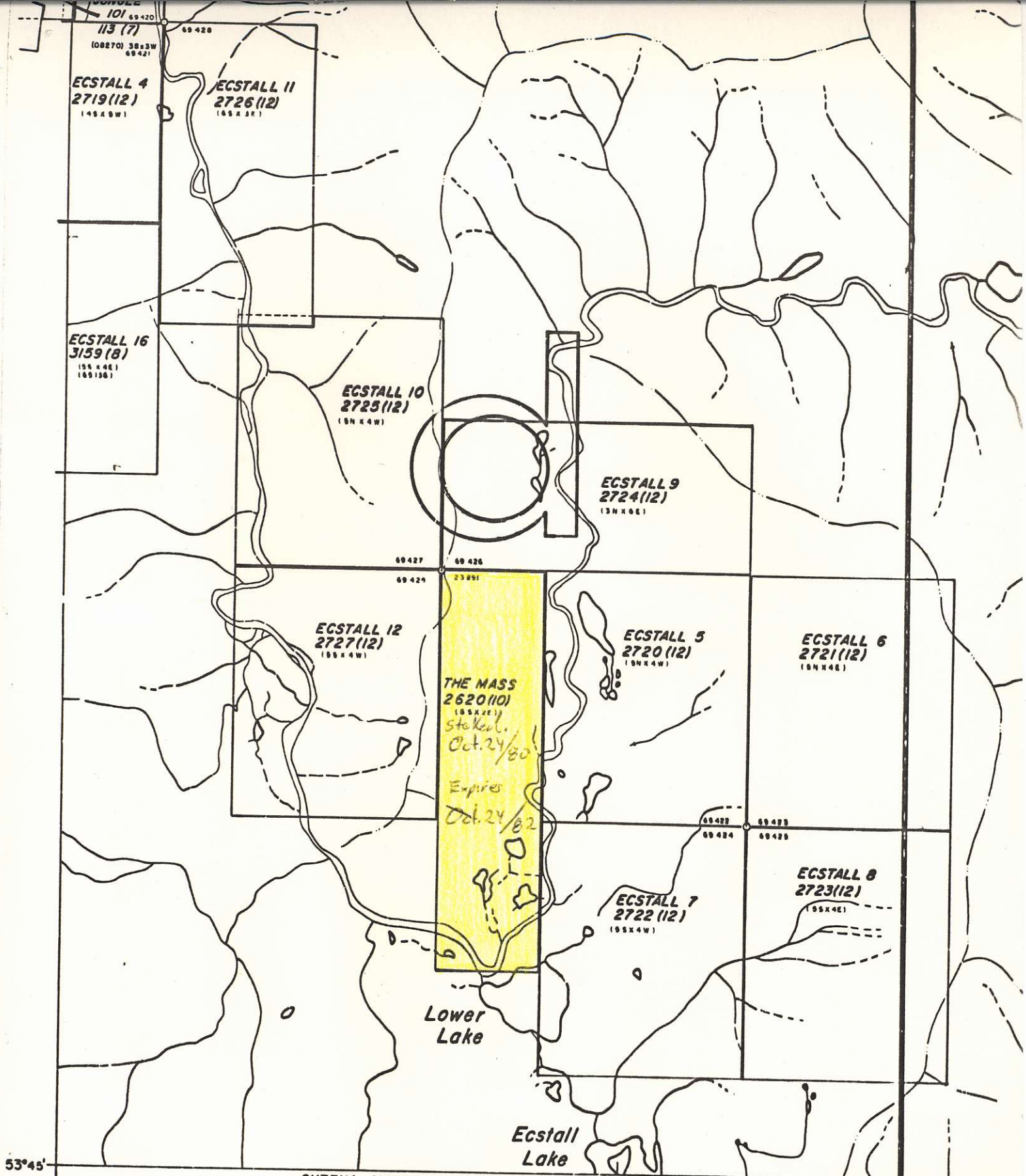
- 1976-1980 - not aware of any work
- ground dropped by Texasgulf
 - ground staked by R. Dickenson, on October 2, 1980 and filed Oct. 24, 1980. R. Dickenson, who is president of Dimac transferred the claim to Dimac
 - expiry date is October 24, 1982. **This claim may have been forfeited already!**

RECOMMENDATIONS

- 1) Pending a favourable decision regarding a C.F.C. Vancouver office immediate action is required:
 - a) title search ✓ *Agreed.*
 - b) staking
- 2) If Dimac has extended the expiry date - negotiations should be initiated with Dimac.

Paul Severin

 Paul W. A. Severin



53°45'
129°30'

SKENA MINING DIVISION

- Mining Division Boundary
- Indian Reservation
- Mineral and Placer Reserve
- Ecological Reserve
- Park Boundary
- Recreation Area Boundary

- Crown Granted
- Perverted C.G. Mineral Claim
- Forfeited Mineral Claim
- Verified Legal Corner Post
- Power Transmission Line
- Pipeline

- CO
- Rev CO
- VCC
- PIPELINE

TO SOUTH SEE MAP 103H/11W
MINERAL TIT
DEPARTMENT OF A
 This map is prepared as a guide to the geographic position of a leg

Nov. 1982