

Hailstorm
822790

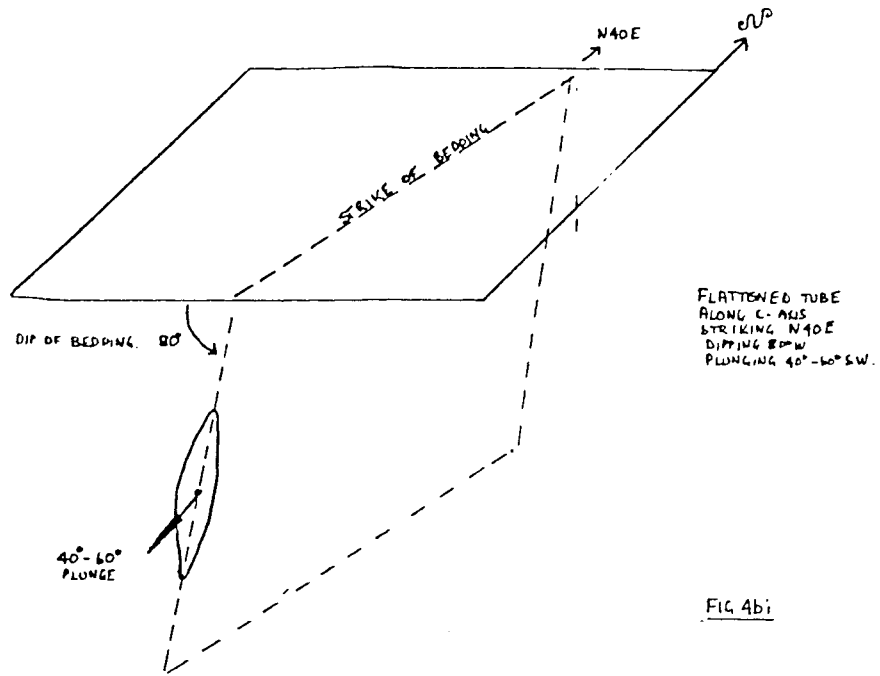


FIG 4bi

CROSS-SECTION PERPENDICULAR TO STRIKE
OF BEDDING DEFINING PLUNGE ATTITUDE

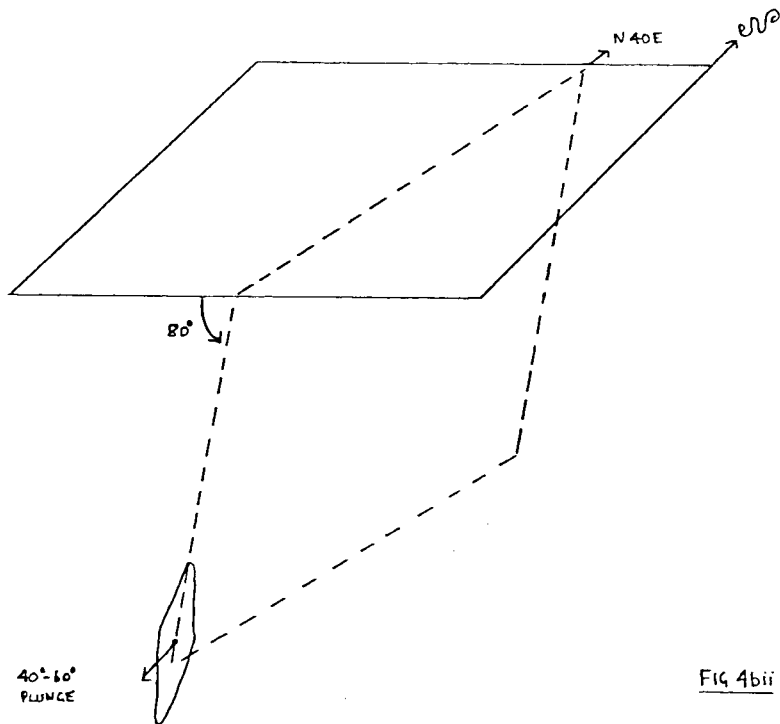


FIG 4bii

CROSS-SECTION PERPENDICULAR TO STRIKE OF
BEDDING 'x' METRES TO THE SOUTH OF 4bi

ELEVATION(A)

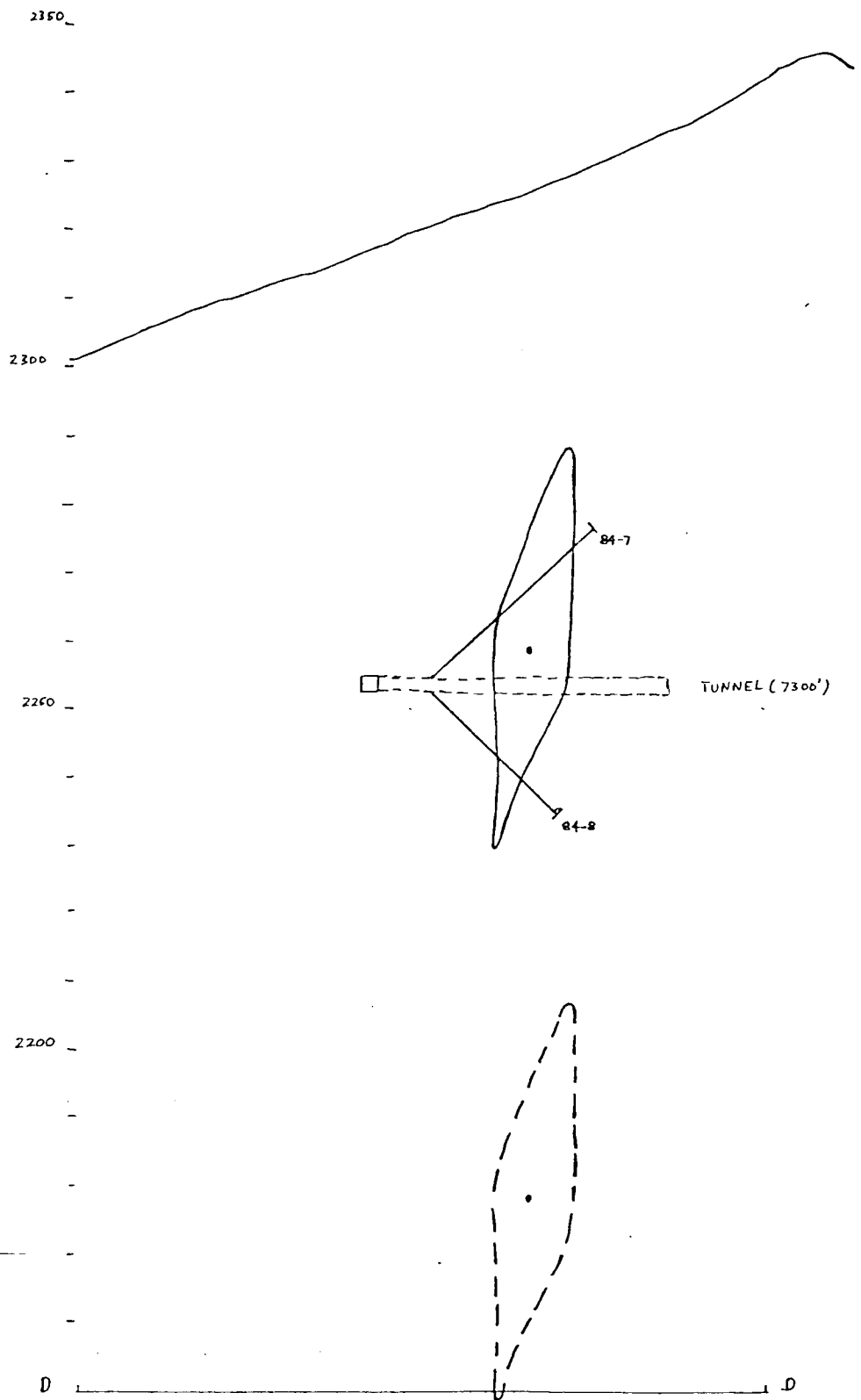
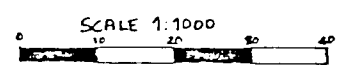


FIG 8.

E-W GRID CROSS-SECTION D-D'



ELEVATION (M)

2350

2500

2250

2200

C

C'

PAD 3

40° PLUNGE

-2224

89-5

84-6

TUNNEL (7300')

60° PLUNGE

-2230

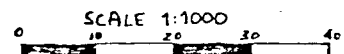


FIG 7.

E-W GRID CROSS-SECTION C-C'

ELEVATION (m)

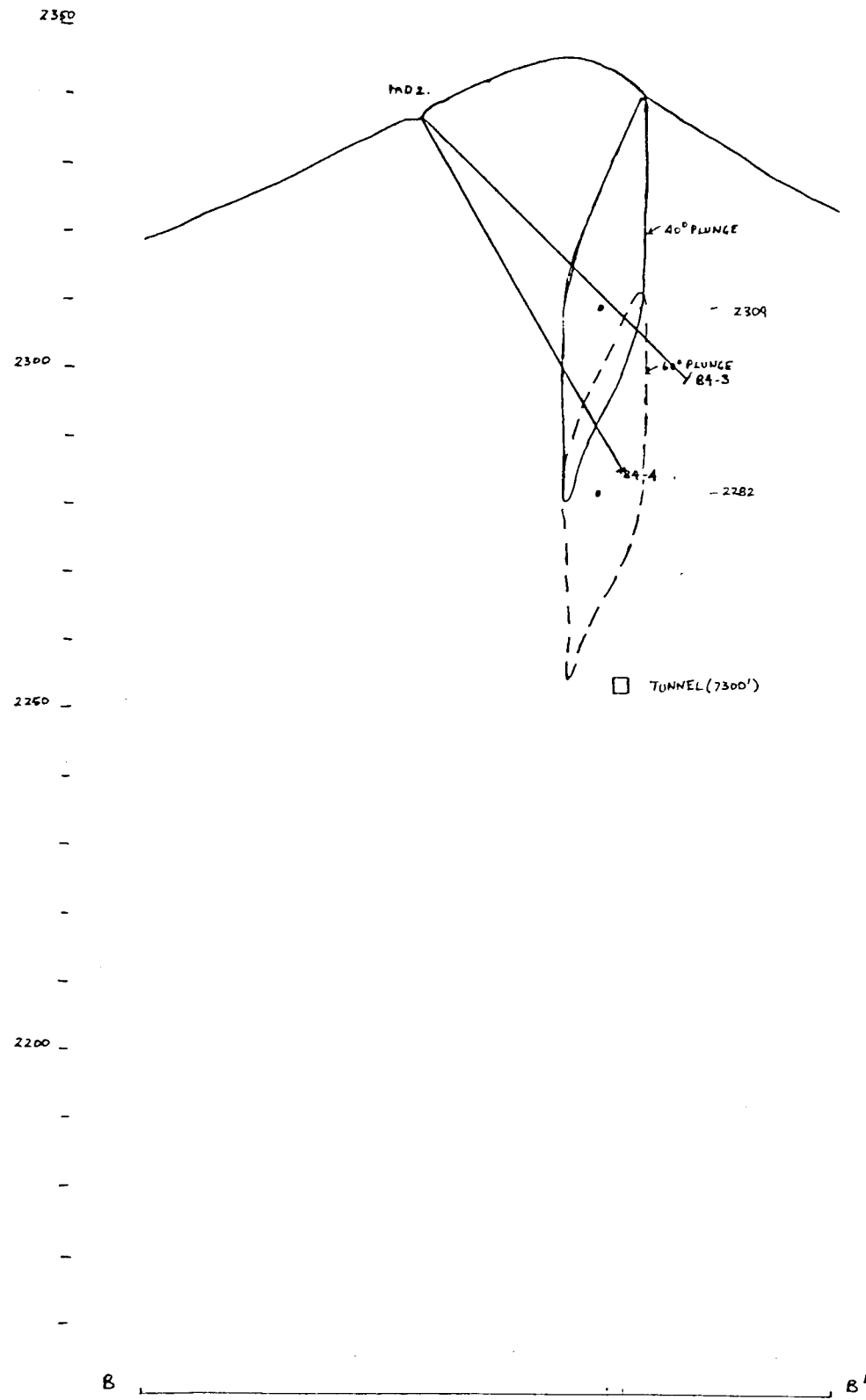
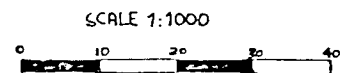
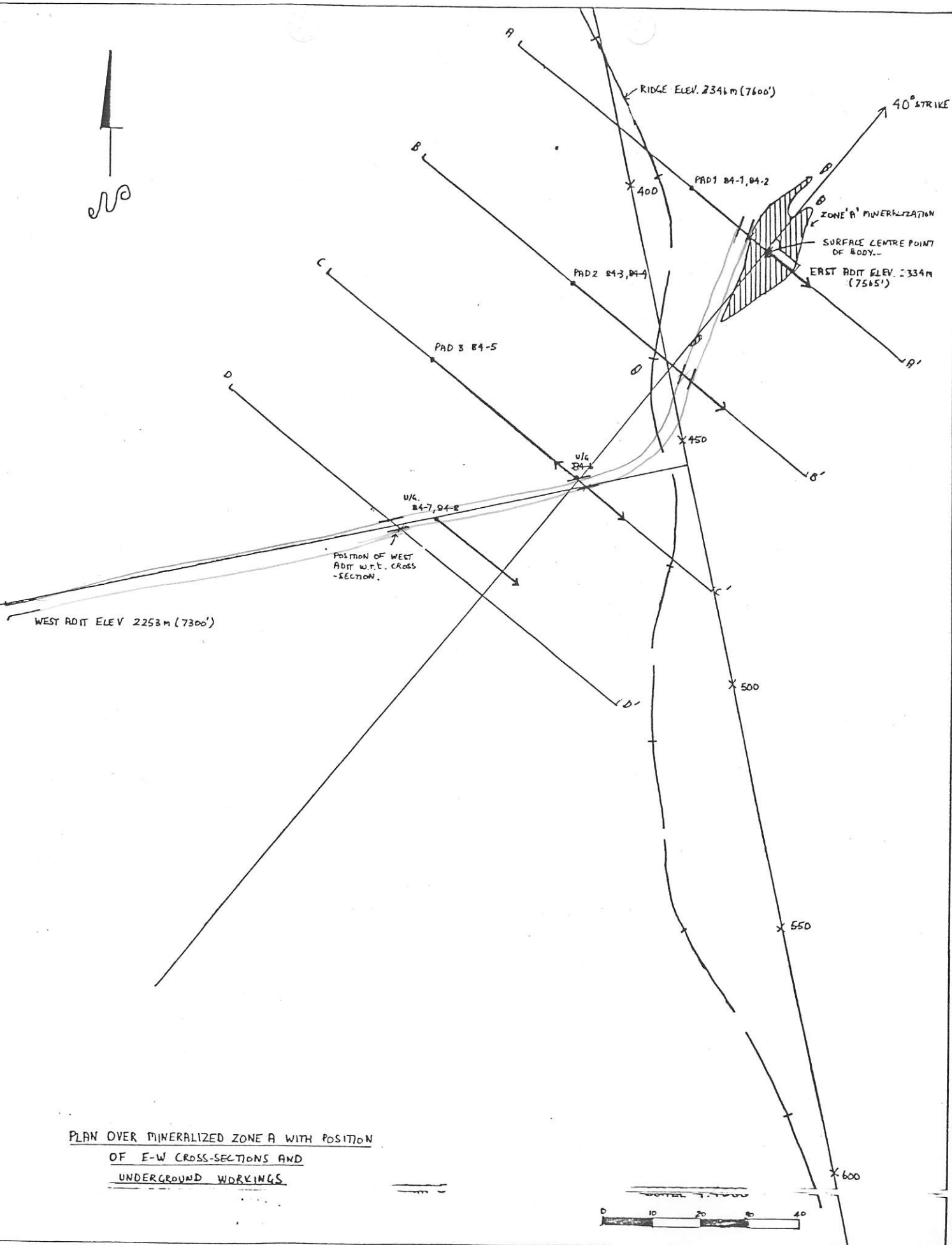


FIG. 1.

E-W GRID CROSS-SECTION B-B'





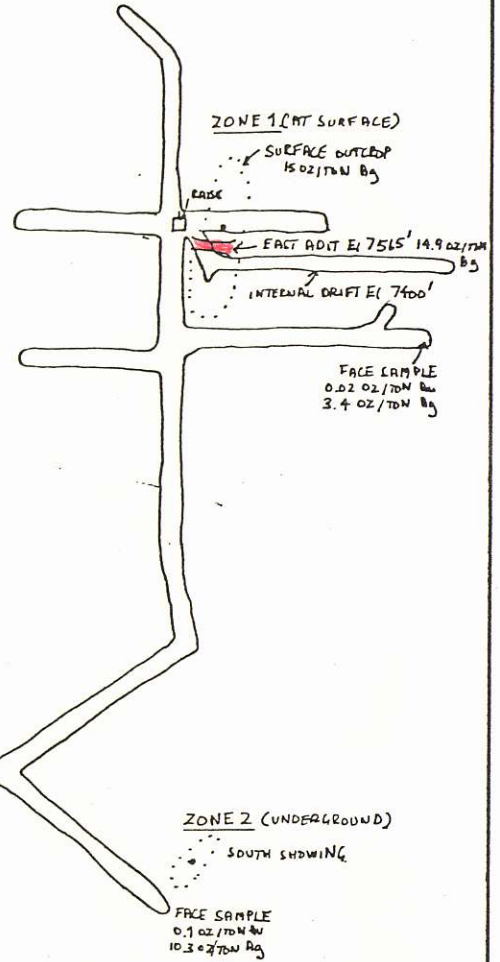
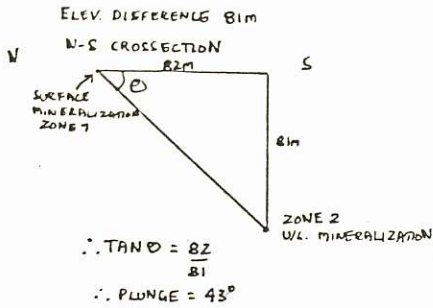
PLAN OVER MINERALIZED ZONE A WITH POSITION OF E-W CROSS-SECTIONS AND UNDERGROUND WORKINGS.





PLUNGE CALC.

	ELEV (m)	} PLAN DISTANCE APART 82M.
ZONE 1	2339	
ZONE 2	2253	



PORTAL E/ 7300'

SCALE 1:1000

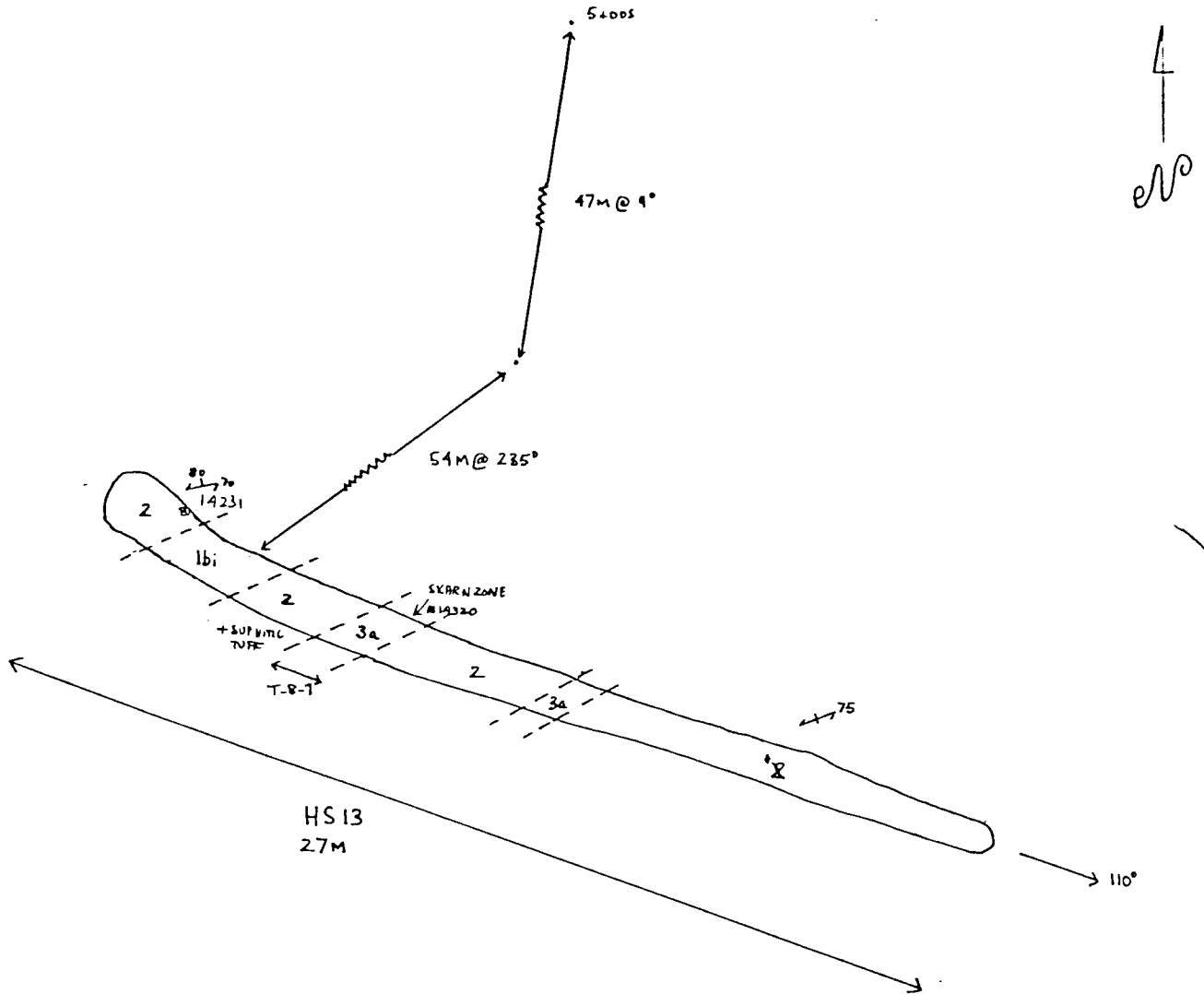


MAP 4.

SCALED DOWN COPY OF
HAILSTORM UNDERGROUND
WORKINGS (1930) FROM
BEAVON (1982). (NOT VERIFIED)
OVERLAY FOR MAP 2.

IKS 404.7785

TRENCH 8



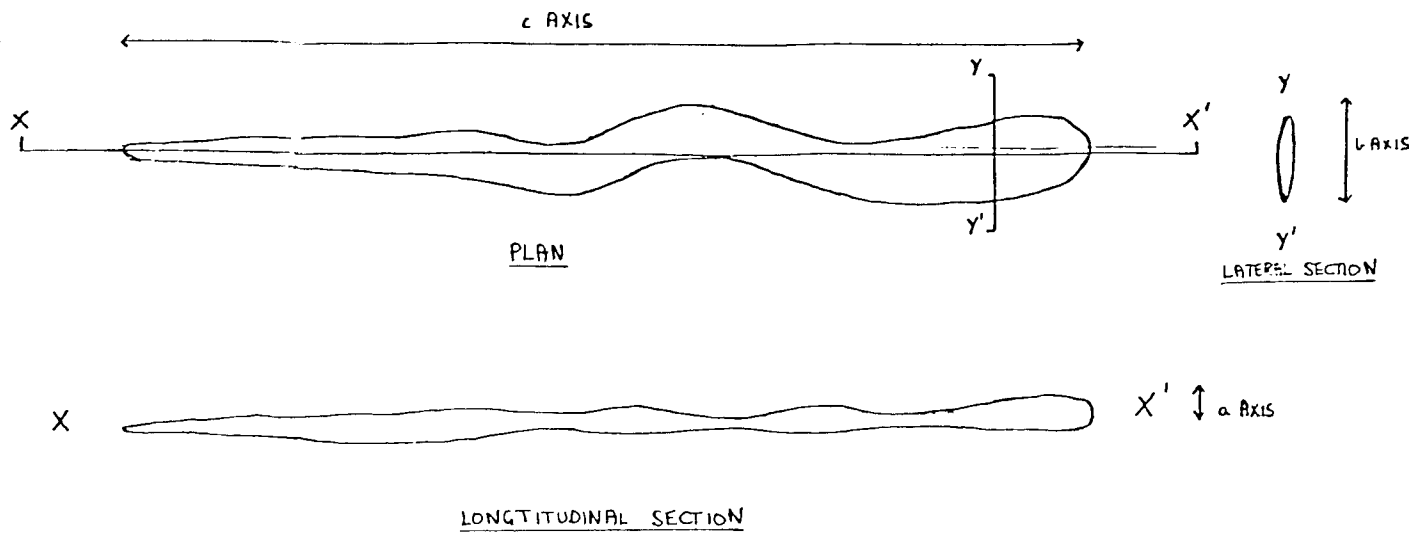
CHIP SAMPLES

	A ₂ OZ/TON	A ₂ OZ/TON	LENGTH (M)
T-8-1	0.50	0.002	
H.S. 13			27

18) 14230

DEPTH 1m
WIDTH 1-1 1/2 M

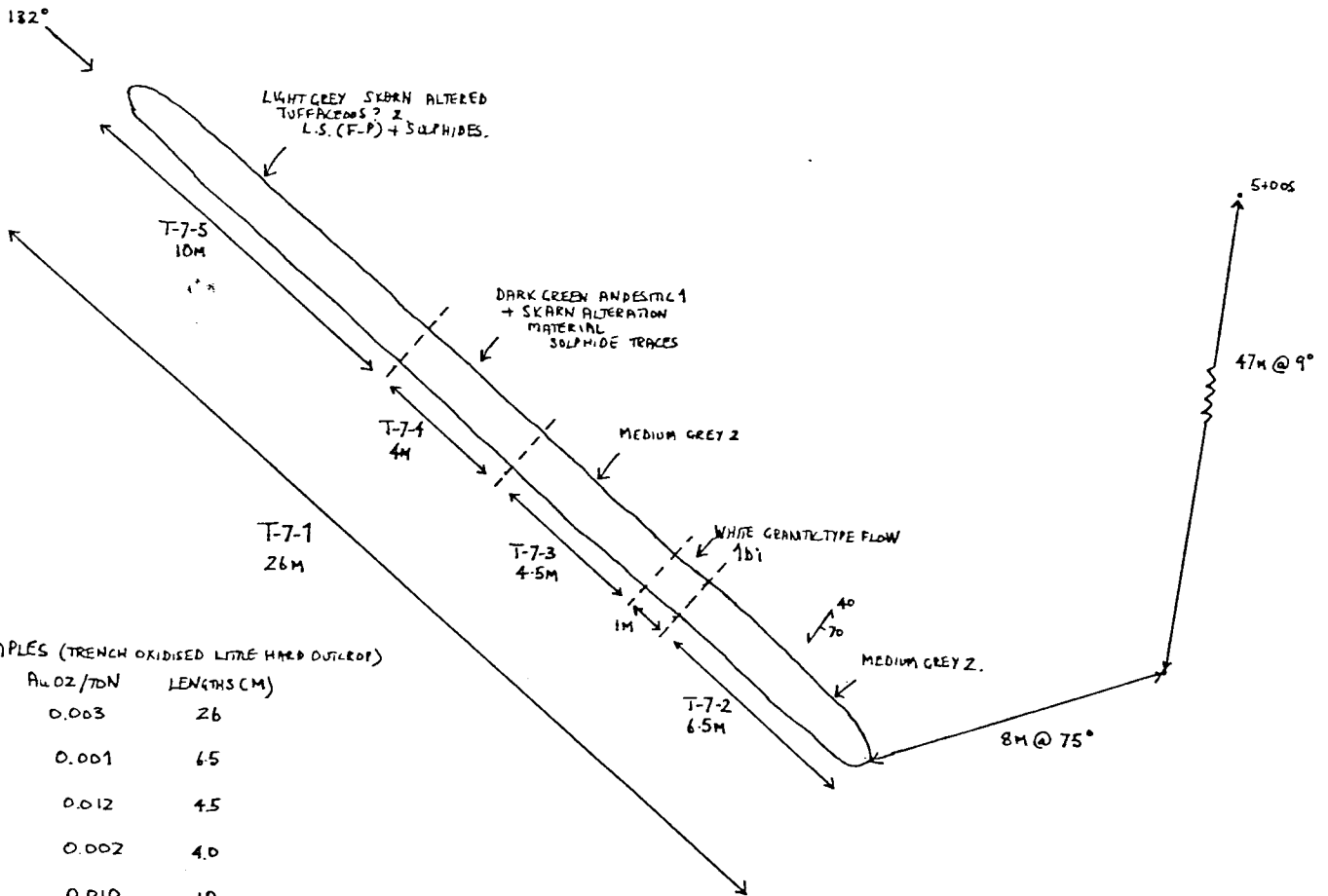
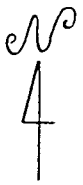
SCALE 1:200



SIMPLIFIED DIMENSIONS OF A VOLCANIC
PORPHYRY FLOW UNIT

FIG. 4a

TRENCH 7

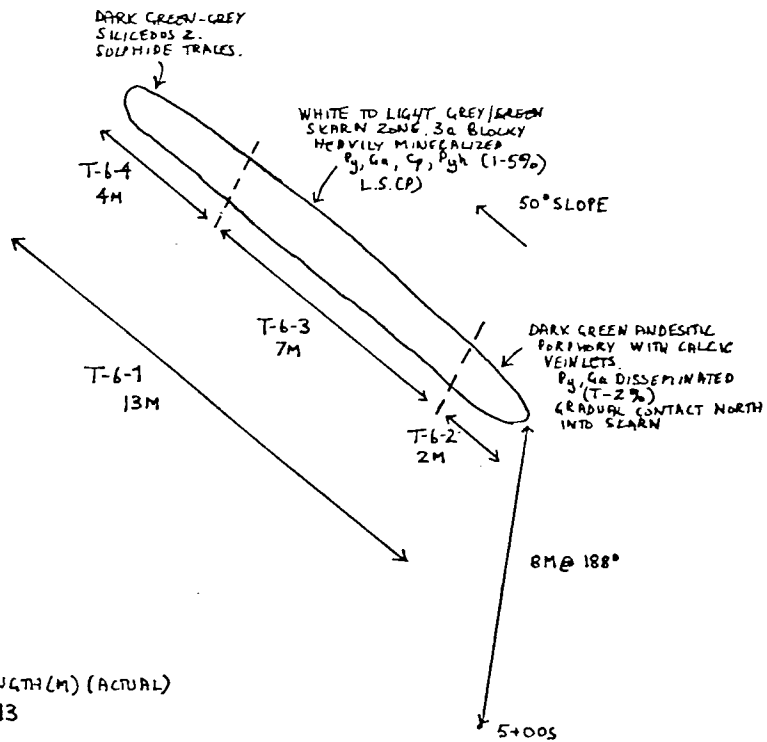
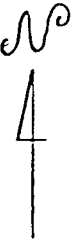


CHIP SAMPLES (TRENCH OXIDISED LITTLE HARD OUTCROP)

	Ag OZ/TON	Al OZ/TON	LENGTHS (CM)
T-7-1	0.2	0.003	26
T-7-2	0.11	0.001	6.5
T-7-3	0.26	0.012	4.5
T-7-4	0.12	0.002	4.0
T-7-5	0.33	0.010	10

DEPTH 1-2 m
WIDTH 1-2 m.

TRENCH 6

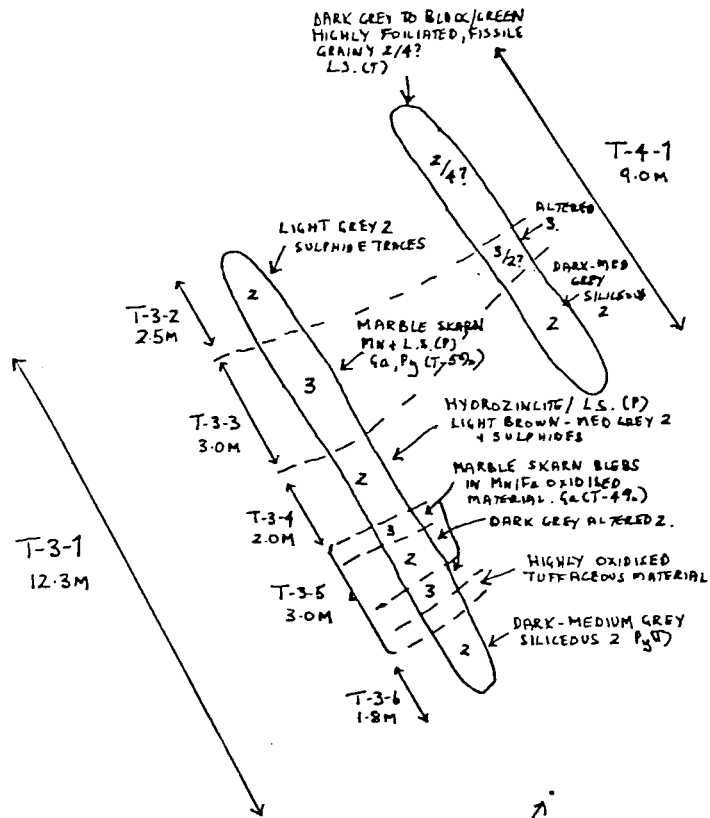


CHIP SAMPLES

	Ag OZ/TON	Pb OZ/TON	LENGTH (M) (ACTUAL)
T-6-1	1.02	0.011	13
T-6-2	0.19	0.028	2
T-6-3	1.26	0.010	7
T-6-3	0.25	0.010	4

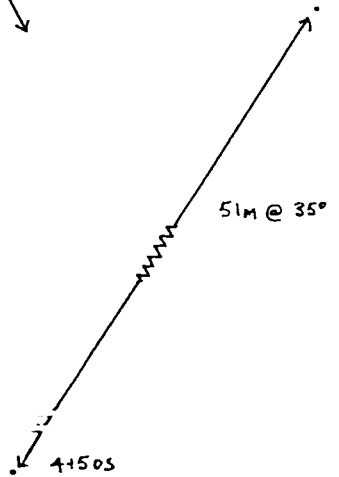
DEPTH 1m
WIDTH 1-1½m

TRENCH 3 AND 4

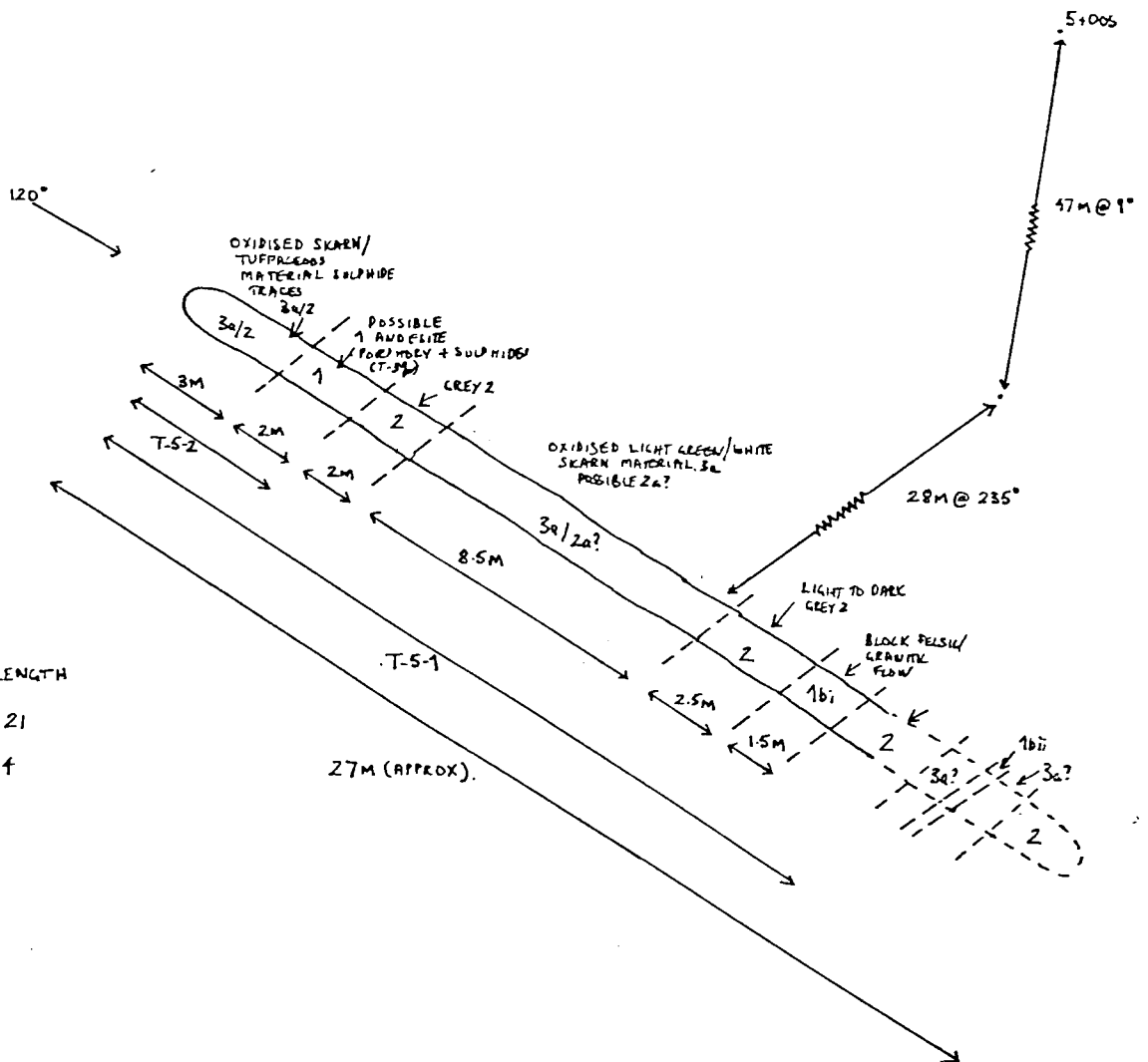


CHIP SAMPLES			
	Ag oz/TDM	Au oz/TDM	LENGTH
T-3-1	11.02	0.022	12.3
T-4-1	0.57	0.002	9.0
CHANNEL SAMPLES			
T-3-2	1.71	0.004	2.5
T-3-3	26.00	0.030	3.0
T-3-4	2.17	0.072	2.0
T-3-5	10.99	0.022	3.0
T-3-6	3.30	0.019	1.8

DEPTH 1-1 1/2 M
WIDTH 1-1 1/2 M



TRENCH 5



CHIP SAMPLES

	Ag OZ/TON	As OZ/TON	LENGTH
T-5-1	0.09	0.003	21
T-5-2	0.17	0.002	†

27M (APPROX).

SCALE 1:200

DEPTH 1-1 1/2 M
WIDTH 1-2 M.

ELEVATION (m)

2350

RIDGE TOP ASSUMED CONSTANT ELEV. (7600')

PAD 1.

CENTRE POINT OF BODY (ASSUMED)

EAST ADIT 2334 (7545')

2300

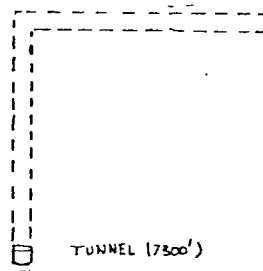
84-1

84-2

80° DP (ASSUMED)

ASSUME 60° PLUNGE
∴ IF 30M BETWEEN
SECTION DROP OF
CENTRE POINT OF BODY
IS $\tan 60^\circ \times 30M$
= 52M

2250



TUNNEL (7300')

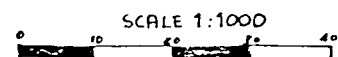
ASSUMING 40° PLUNGE
∴ IF 30M BETWEEN
SECTION DROP OF
CENTRE POINT OF BODY
IS $\tan 40^\circ \times 30M$
= 26M

2200

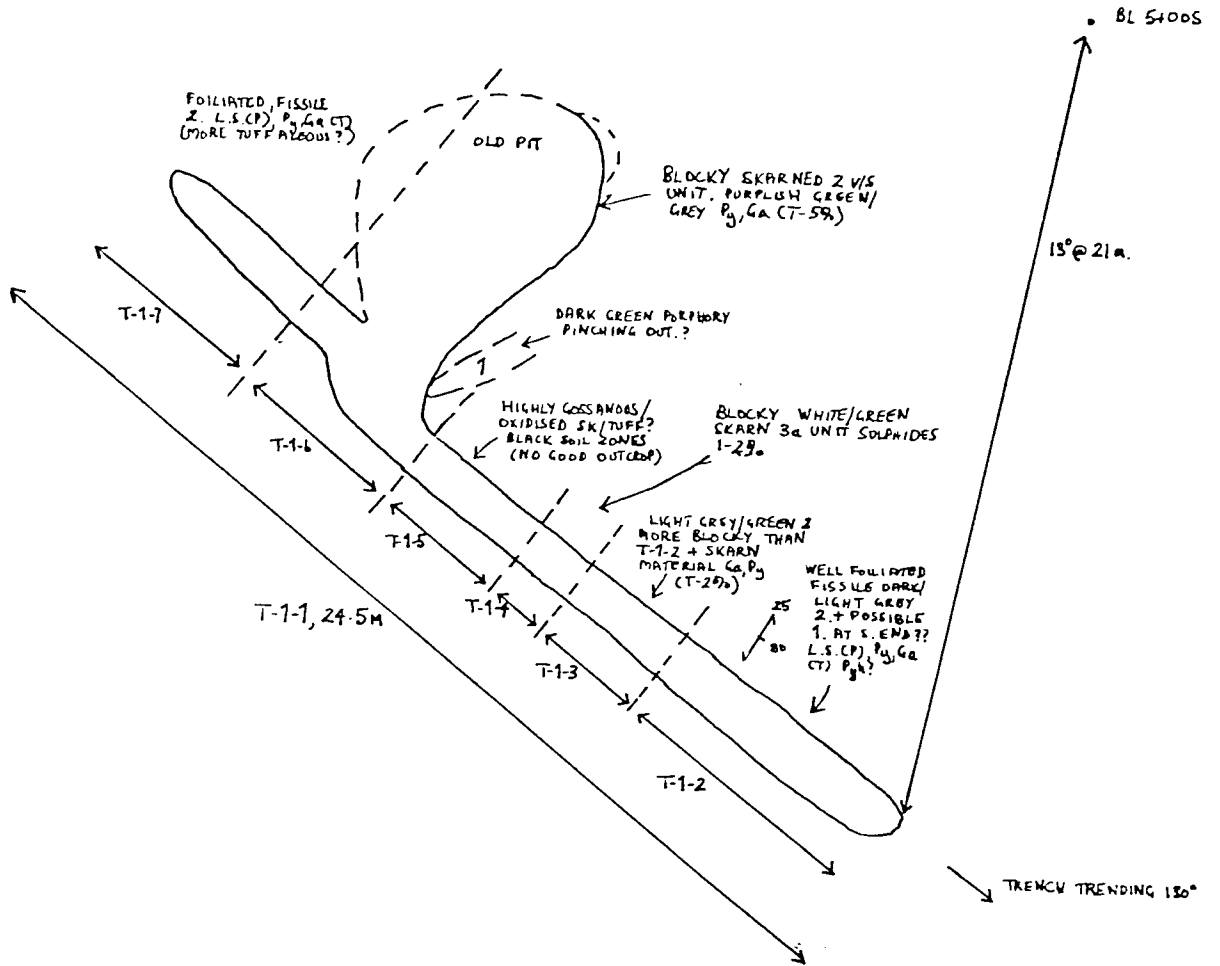
A ————— A'

FIG. 5

E-W GRID CROSS-SECTION A-A'



TRENCH 1



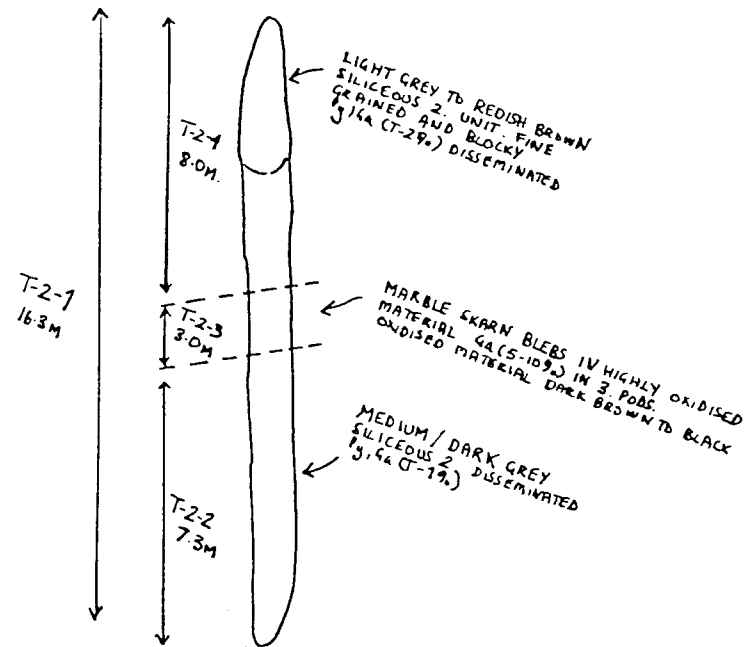
CHANNEL SAMPLES

	Ag OZ / TON	Pb OZ / TON	LENGTH (CM)
T-1-1	0.70	0.011	24.5
T-1-2	0.72	0.003	7.0
T-1-3	4.51	0.022	3.0
T-1-4	1.00	0.029	15
T-1-5	0.47	0.020	4.0
T-1-6	1.41	0.029	4.5
T-1-7	0.41	0.010	4.5

DEPTH 1 1/2 - 2 1/4 M
WIDTH 1 - 1 1/2 M.

SCALE 1:200

TRENCH 2.



CHANNEL SAMPLES			
	AgOZ/TON	AlOZ/TON	LENGTH(M)
T-2-1	2.88	0.019	16.3
T-2-2	0.71	0.012	7.3M
T-2-3	9.93	0.031	3.0M
T-2-4	1.62	0.015	8.0M

SCALE 1:200

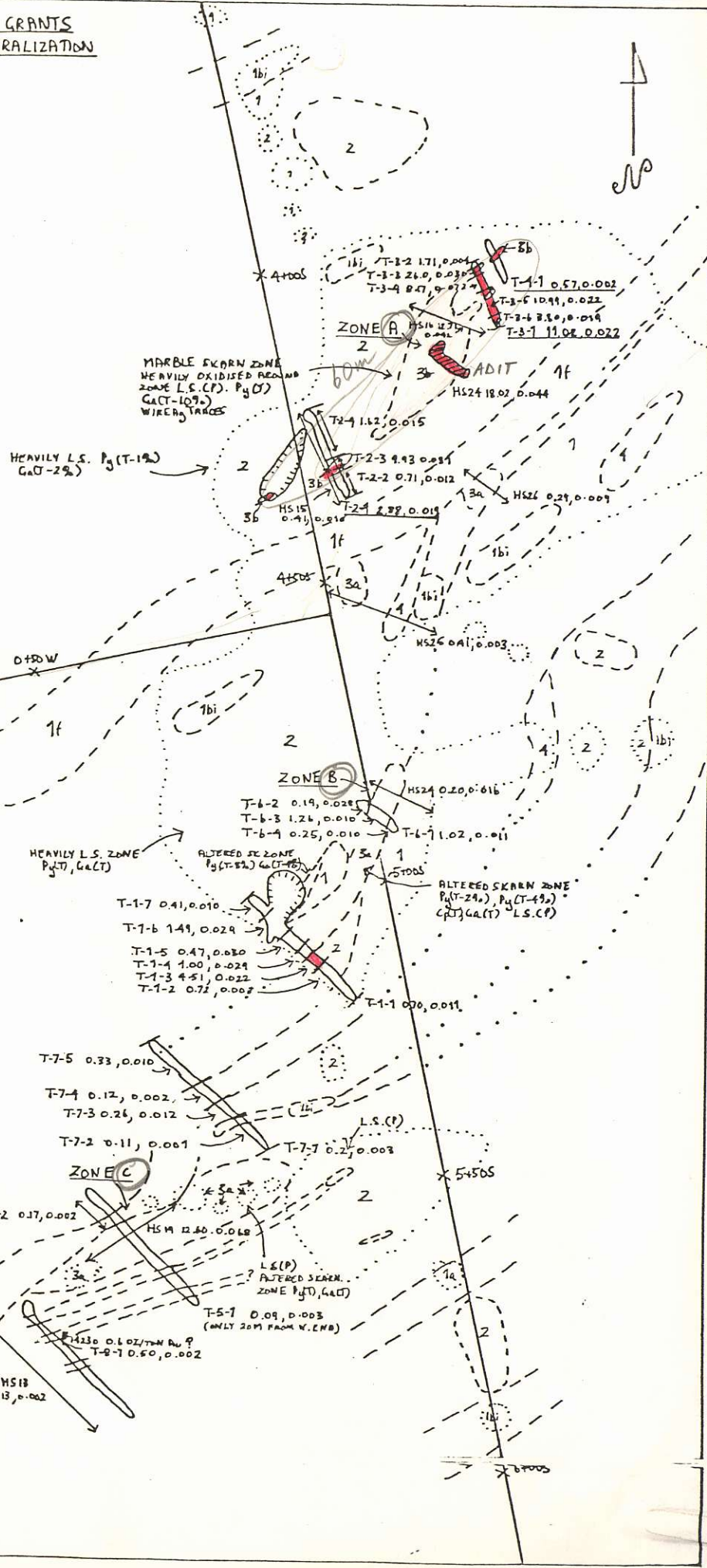
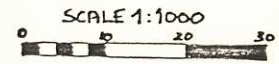
DEPTH 1-2M
WIDTH 1-1½M.

HAILSTORM CROWN GRANTS
TRENCHES & MINERALIZATION

LEGEND

- | | |
|---|------------------------|
| 1 - ANDESITE PORPHYRY | ○ - 1983 TRENCH |
| 1f - FOLIATED AND. POR? OR ALTERED 4? | ⊖ - PREVIOUS TRENCHES |
| 1a - STEWITE PORPHYRY (TRACHYTIC) | ⊙ - OUTCROP |
| 1bi - RHYOLITE TO APPLITE PORPHYRY FLOW | ⊕ - SUB/OUTCROP |
| 2 - DARK GREEN-CRISTY VOLCANIC SEDIMENT | - - - PROBABLE CONTACT |
| 3 - 3b - MARBLE SKARN
3a - ALTERED SKARN | - · - POSSIBLE CONTACT |
| 4 - BLACK ARGILLITE | ✕ - BASE LINE & PICKET |
-
- | |
|---|
| P _y (%) - PYRITE |
| P _{ph} (%) - PYRRHOTITE |
| Ca(C%) - CALCITE |
| Gp(C%) - GYPSUM |
| L.S.(P) - LIMONITE STAINING PRESSURE |
| T-7-b 0.13, 0.012 - SAMPLE NO 02/TM0 Ag, 02/TM0 Au. |

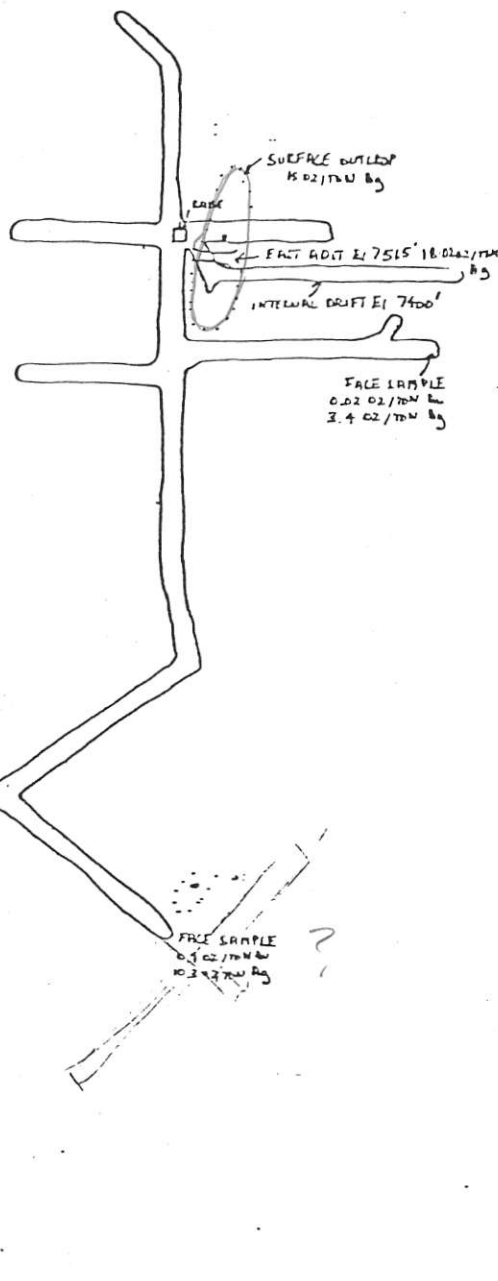
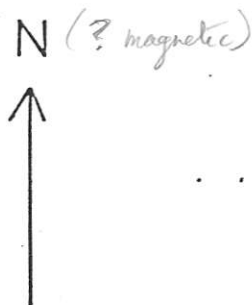
MA Adit Portal



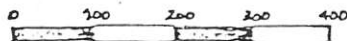
ROXWELL GOLD MINES LTD
SUNCOAST PETROLEUM
CORPORATION

HAILSTORM MINE PLAN OF
EXISTING UNDERGROUND
WORKINGS

FROM BEAVON 1982



SCALE 1:1000



Hailstorm budget For Jan^r 84 - Dec 31 84

Road completion (Verbal Quote Bob Murphy) 15000

Further Cat work, drill stations samplings } ~~20000~~
 moving drill ect } 14500

JD 550 ^{unit} 2200 MONTH x 3

FREIGH THERE AND BACK 5000

Quote from JD Dealership Van
 Could be got cheaper locally.

Drilling	Surface	Drilcor, S.M. 6000' @ 24	180000
"	Underground	" " 1500 @ 18	30000
			171000

106 Drift Exclusion	40' x \$250	10000	
104 " "	40' x \$250	10000	(380)
106 Drift Raise	300' x \$230	69000	5'
	Price changed to FEP Fall of 83	89000	
	add. 10% and chert availability	8900	
	of Contractor price very reasonable.	97900	97900+

Camp Cost. (Food Camp only) est from Post Exp.

ALL PAPER WORK

DOVE IN OWN OFFICE

Management → Geologist Project Manager x 90 days
 Survey crew 3 x 20 day = 60 days
 100' Per Day Drillers 2 1/2 x 75 days = 188 Day
 ± 5' Adv ^{per} DAS Underground Dev 2 x 70 day = 140 Day
 Visitor extra 20 days = 20 day
 498 days @ \$40 PMD = 19920

20 TENTS based on Tents + Cook + Jimmie's per day

Price based on post experience.

Cook @ 2000 per month gross.

5 Tents Office

Service Truck	4 Months @ \$1000 per month	4000
Rental of SM ^s truck less gas and breakages @ \$20 per day.		2400
Foundy Rate is \$1300 per month	2000 Free Km	
3¢ per Km there after		

Survey work

Survey of Crown granite approx	15000
Survey drill holes underground workings.	
to include detailed Maps	5000

NOTE PART OF 15000 might be split depending on agreement with FEP

Surface trenching Rough Estimate depends on possibility of using contractor or ug contractors on site.

inclination of trenches zone B-C as per F.M.S	5000
---	------

Assaying KRL contract 1000 @ 12⁵⁰ minimum 12,500 should have contingency for double this amount

Field Management Salaries 12 months @ 4500 gross 18,000

Office over head including My Salary for 12 Months =

Management Fee	48000
Office rental Phones travel stationary ect.	18000
	<hr/> 485220
+10% contingency	48522
	<hr/> 533742

e. include detailed Maps 5000
 NOTE PART OF 15000 might be split
 depending on agreement with
 FEP

Surface trenching Rough Estimate
 depends on possibility of using cat
 or ug contractors on site. 5000
 Relinse of trenches zone B-C as per F.M.S

Assaying KRL contract: 1000 @ 12⁵⁰ minimum 12,500
 should have contingency for double this amount

Field
 Management Salaries 12 months @ 4500 gross 18,000

Office overhead including My Salary for 12 Months =
 Management Fee 48,000
 Office rental Phones Travel stationery ect. 18,000
 485,220
 +10% contingency 48,522
 533,742

Quote from JD Dealership Van
 Could be got cheaper locally..

Drilling	Surface	Wilcor, S.M. 5000' @ 24	180 000
"	Underground	" " 1500 @ 18	30,000

06	Drift Exclusion	40' x \$250	10000
04	"	40' x \$250	10000
06	Drift Raise	300' x \$230	69000
	Price changed to FEP fall of 83		89000
	add. 10% and chert availability		8900
	of Contractor price very reasonable.		97900

Camp Cost. (Food Camp only) est from Post Exp.

MANAGEMENT	Management → Geologist Project Manager x 90 days	
PAPER WORK	Survey crew 3 x 20 day = 60 days	
IN OWN OFFICE	5' Per Day Drillers 2 1/2 x 75 days = 188 Day	
	5' ADV ^{PER} DAYS Underground Dev 2 x 70 day = 140 Day	
	Visitor extra 20 days = 20 day	
	498 days @ \$40PMD = 19920	

PMD Based on Tents + Cook + 3 meals per day

price based on post experience.

cost @ 2000 per month gross.

Tents Office

Management

Survey 3 men (this could be used by Dev if fully leave)

Drillers 2 Drillers

Underground 2 1/2 men

Visitor stays in Management Tent

Stores

WEST

EAST

ROXWELL GOLD MINES LTD SUNCOAST PETROLEUM CORPORATION CROSS-SECTION-HAILSTORM-MINE

MANAGERIAL EXTRAPOLATION

ZONE 'A' TRENCH No. 3

NOT TO SCALE

B ZONE TRENCH No. 1

11.2 oz / ton Ag , 0.022 g / ton Au
12.3 m.

GRAB SAMPLES BY F.M. SMITH, P. ENG.

70.1 oz / ton Ag

12 M LONG / DIT

18.02 oz / ton Ag , 0.044 oz / ton Au

PROPOSED DRILL HOLES
AND STATIONS
1984

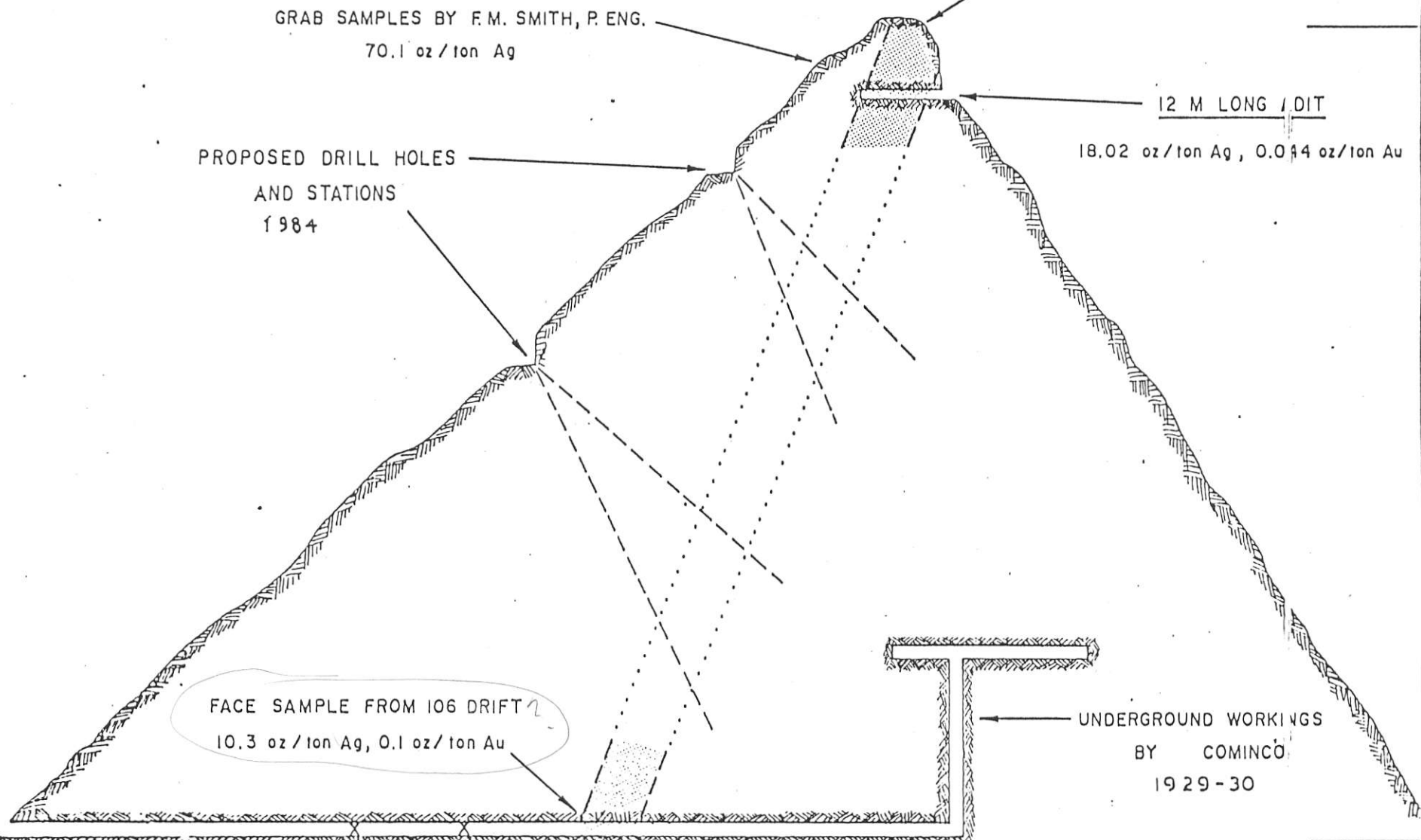
FACE SAMPLE FROM 106 DRIFT
10.3 oz / ton Ag, 0.1 oz / ton Au

UNDERGROUND WORKINGS
BY COMINCÓ
1929-30

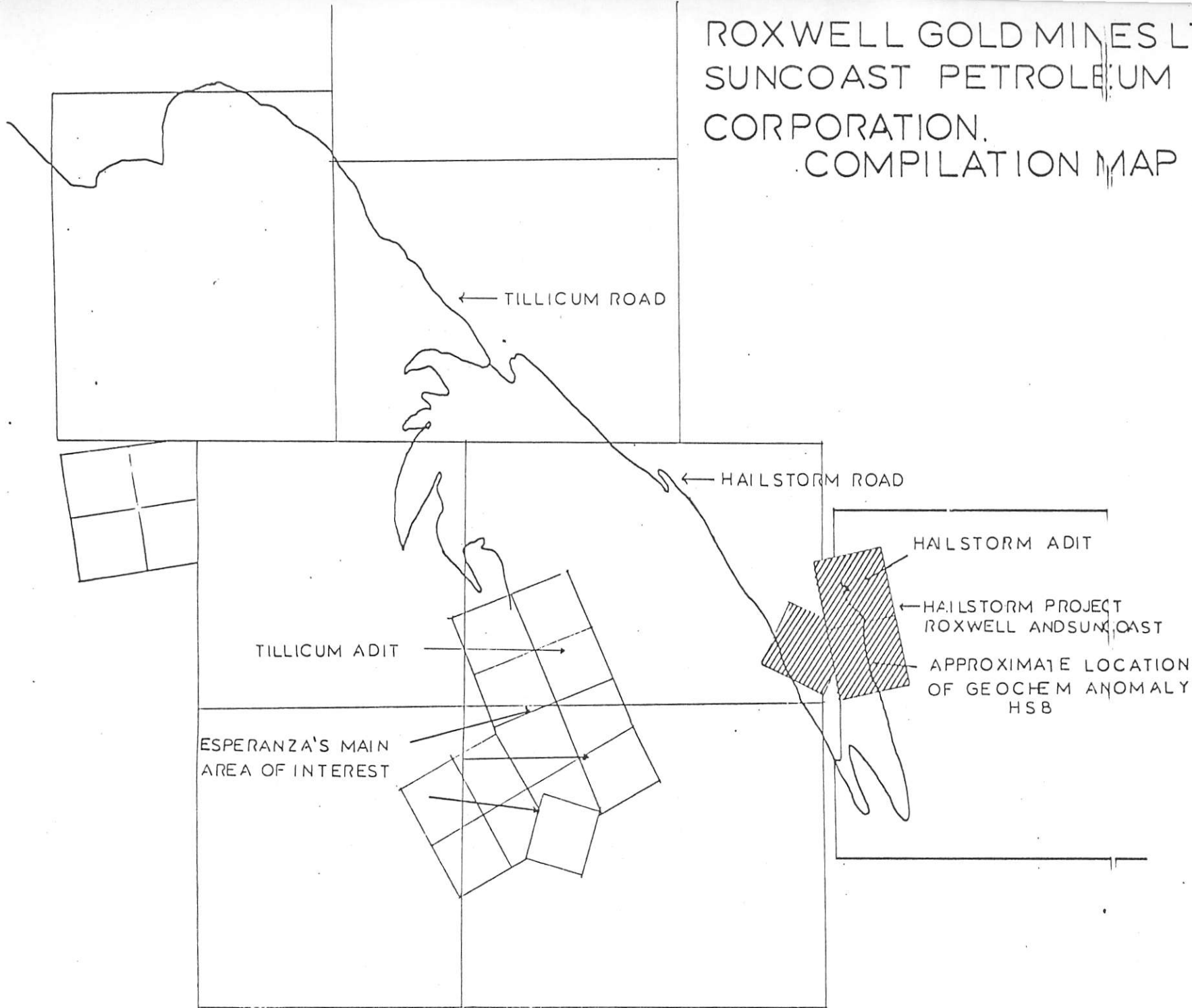
EL. 7600'

EL. 7300'

PROPOSED UNDERGROUND
DRILL STATIONS 1984 X



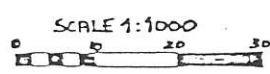
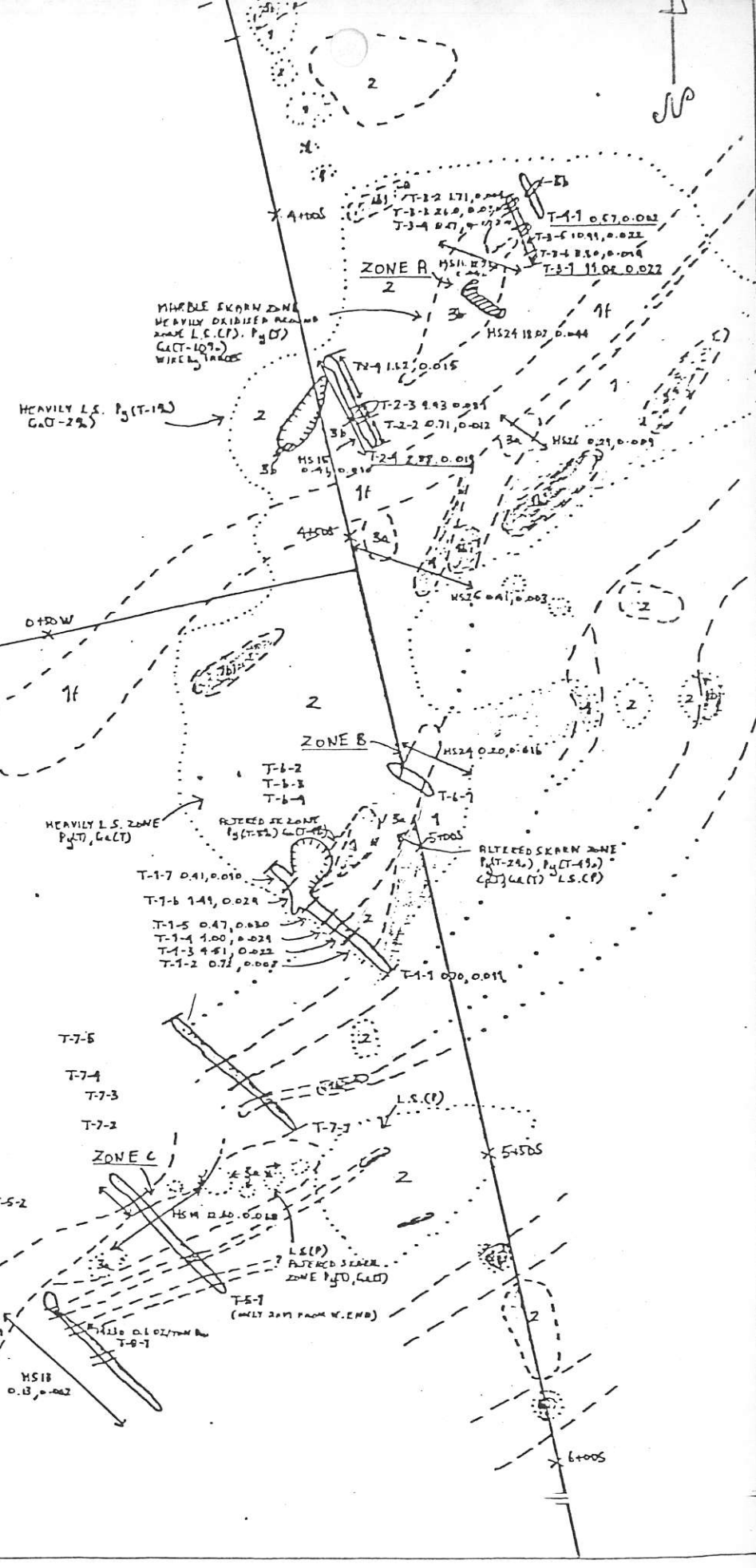
ROXWELL GOLD MINES LTD.
SUNCOAST PETROLEUM
CORPORATION.
COMPILATION MAP




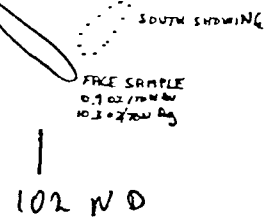
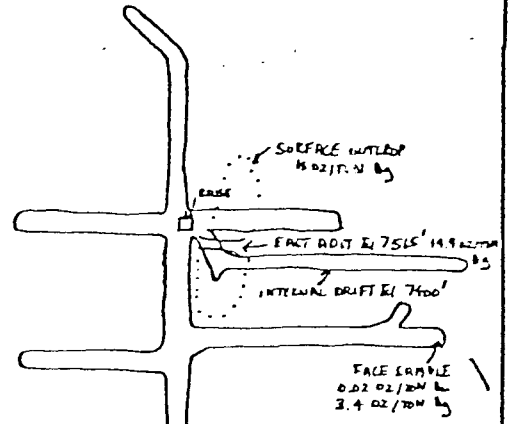
LEGEND

- 1 - FOLDED PARAGNEISS
- 7f - FOLIATED AND PNE? OR DISRUPTED 7f
- 7v - SIPHONITE PARAGNEISS (TRENCH)
- 7s - EVIDENCE TO APPLICABLE FURTHER FLOW
- 2 - DARK GREEN-GRAY TOLANITE GNEISS
- 3a - MARBLE SKARN
- 3b - ALTERED SKARN
- 4 - BLACK MICA LITHITE

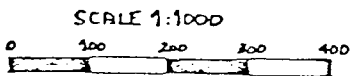
- - 1983 TRENCH
- - PREVIOUS TRENCHES
- - OUTCROP
- - CORNER/OUTCROP
- - - - - FEASIBLE CONTACT
- - - - - POSSIBLE CONTACT
- X - BASE LINE + PNECT
- P₃(P) - PNECT
- P₃(G) - PYROXITE
- G₂(P) - CILINDR
- G₂(G) - CHALCOPYRITE
- L.S.(P) - LIMONITE STAINING TRENCHING
- T-1-6 0.13, 0.012 - SAMPLE NO. 02/TRENCH 1g, 02/TRENCH 1g




 (TRUE OR MAGNETIC
 NORTH??)



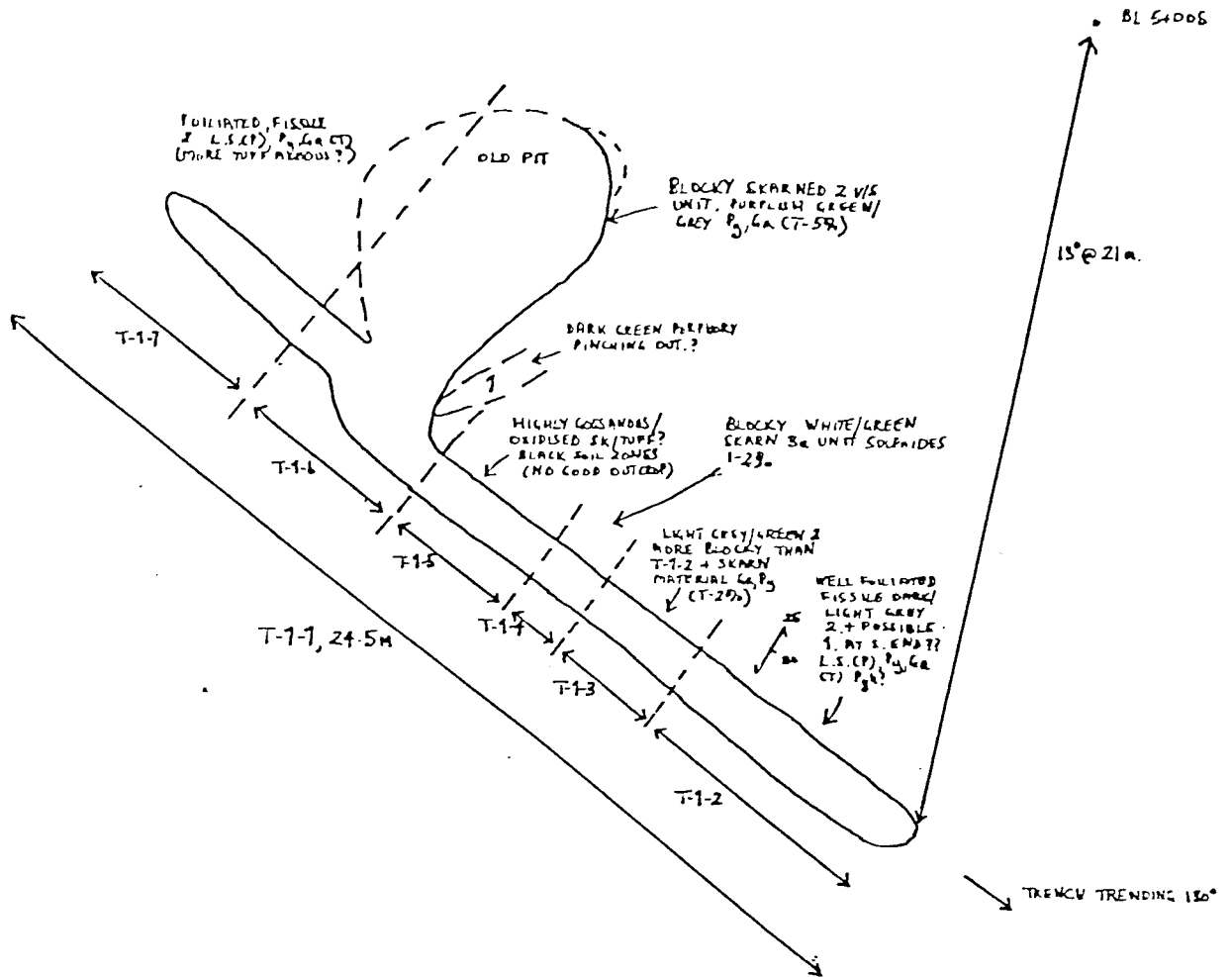
PORTAL EL. 7300'



SCALED DOWN COPY OF
 HAILSTORM UNDERGROUND
 WORKINGS (1930) FROM
 BEAVON (1982). (NOT VERIFIED)
 OVERLAY FOR MAP 2.

TRS AUG. 1983

TRENCH 1



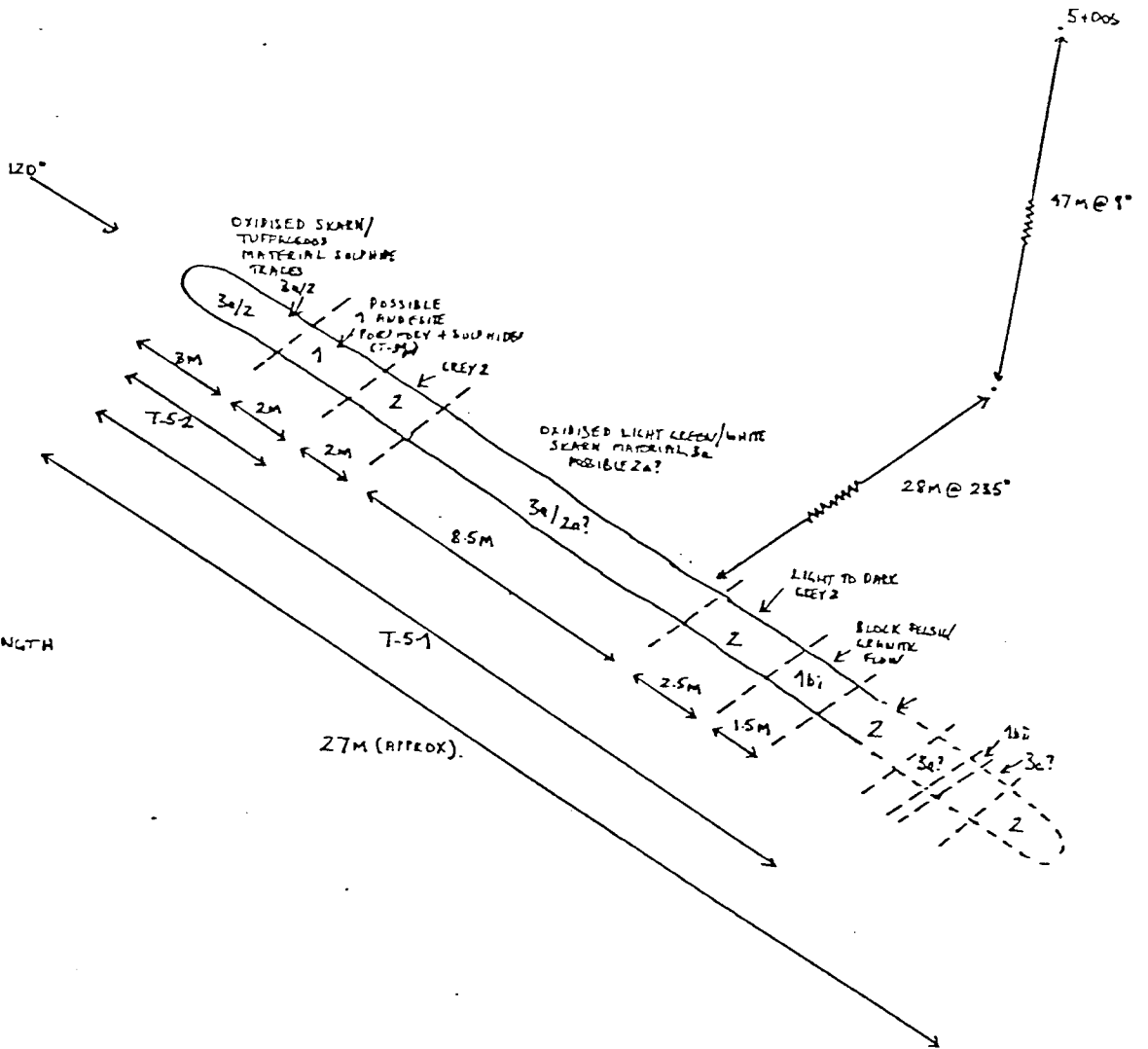
CHANNEL SAMPLES

	P ₃ OZ/TON	P ₂ OZ/TON	LENGTH (M)
T-1-1	0.70	0.011	24.5
T-1-2	0.72	0.003	7.0
T-1-3	4.51	0.022	3.0
T-1-4	1.00	0.029	1.5
T-1-5	0.47	0.020	4.0
T-1-6	1.41	0.029	4.5
T-1-7	0.41	0.010	4.5

DEPTH 1 1/2 - 2 1/4 M
WIDTH 1 - 1 1/2 M.

SCALE 1:200

TRENCH 5



CHIP SAMPLES
 Ag OZ/TON Au OZ/TON LENGTH

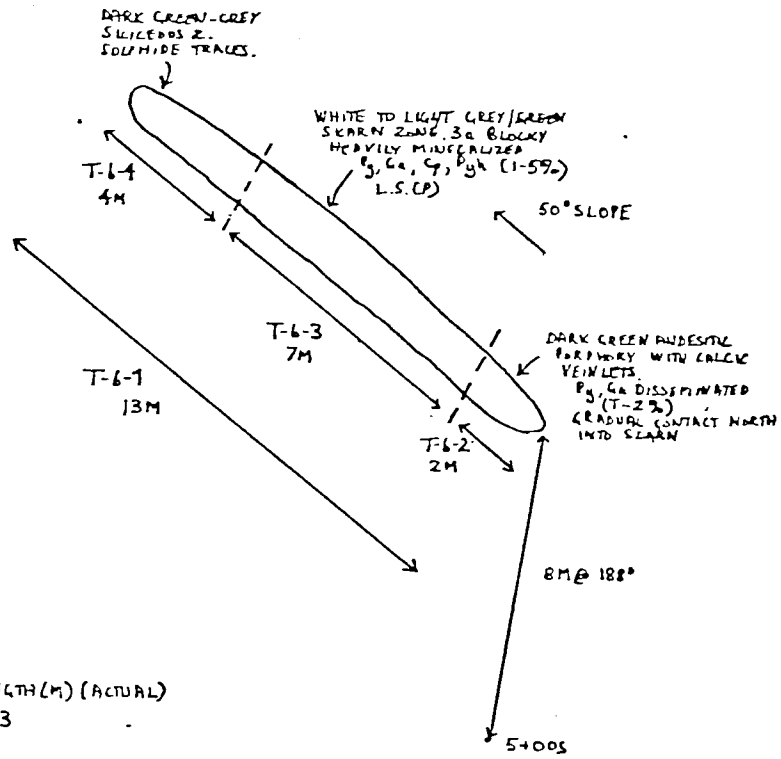
=5-1
 =5-2

SCALE 1:200

DEPTH 1-1 1/2 M
 WIDTH 1-2 M.

FIG 4

TRENCH 6



CHIP SAMPLES

	POSITION	POSITION	LENGTH (M) (ACTUAL)
T-6-1			13
T-6-2			2
T-6-3			7
T-6-3			4

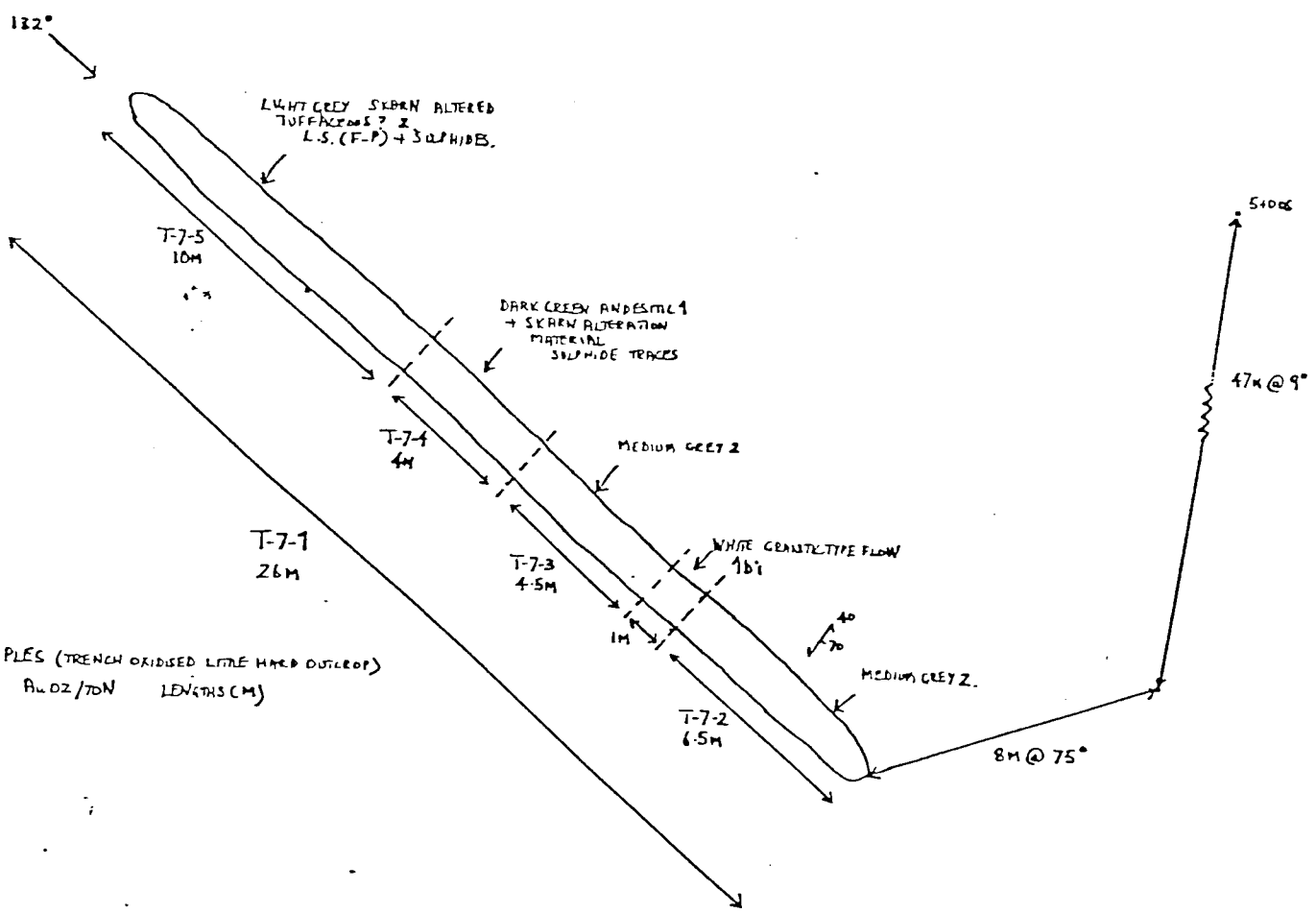
DEPTH 1m
 WIDTH 1-1½ M

SCALE 1:200

FIG 5

TRENCH 7

4



CHIP SAMPLES (TRENCH ORIDISED LITTLE HARD OUTLEOP)

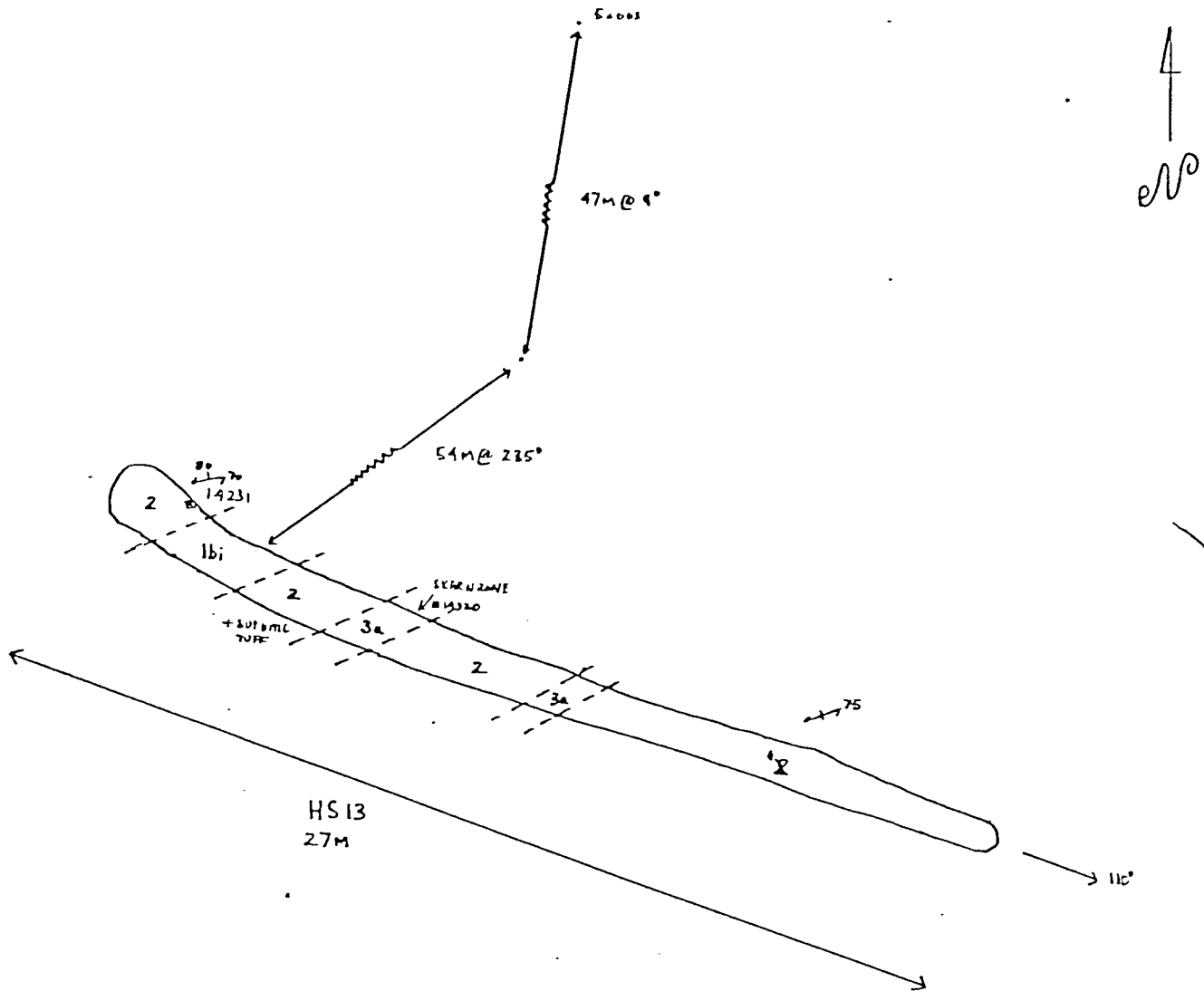
- T-7-1
- T-7-2
- T-7-3
- T-7-4
- T-7-5

Ag OZ/TON Au OZ/TON LENGTHS (CM)

DEPTH 1-2m
WIDTH 1-2M.

SCALE 1:200

Fig 6



CHIP SAMPLES

Ag OZ/TON Au OZ/TON LENGTH (M)

T-8-1

H.S. 13

27

14230

DEPTH 1m
WIDTH 7-1/2m

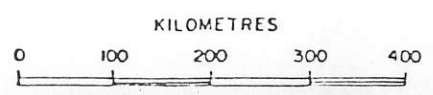
SCALE 1:200



HAILSTORM PROJECT

FIG. 1

HAILSTORM PROJECT
SLOCAN AND BC
 LOCATION MAP



F. MARSHALL SMITH, P. ENG.