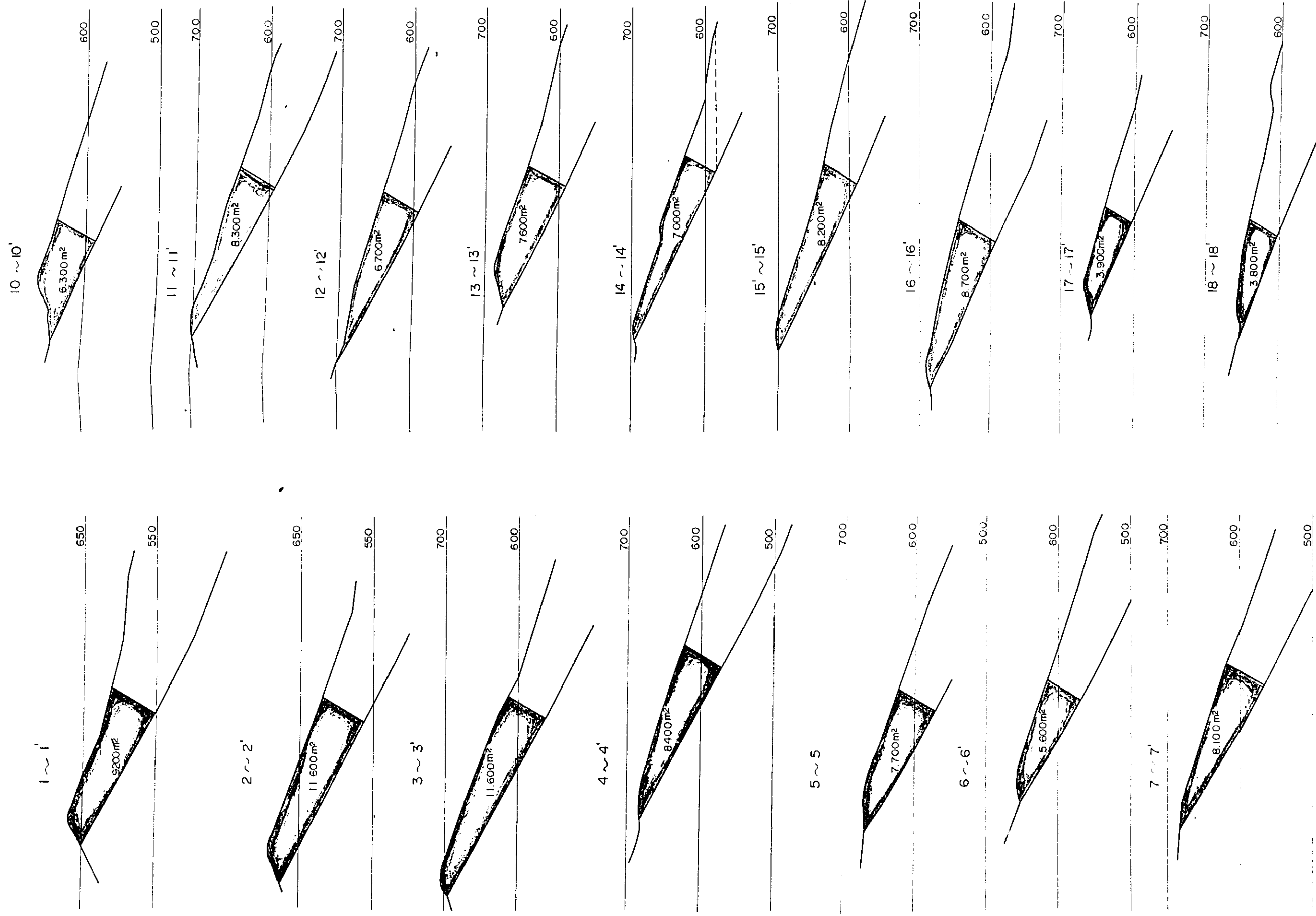


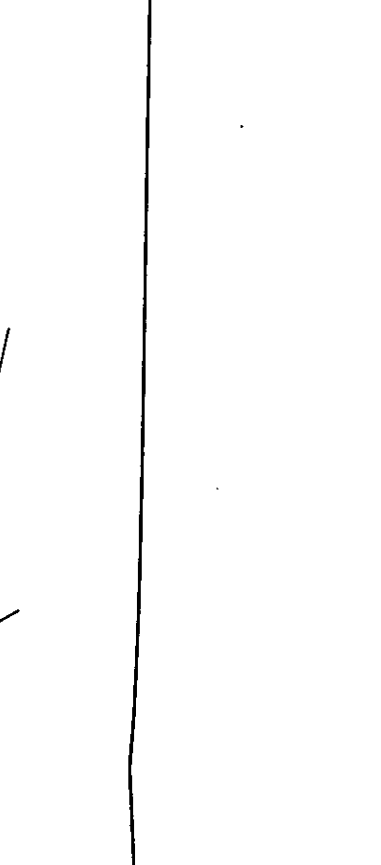
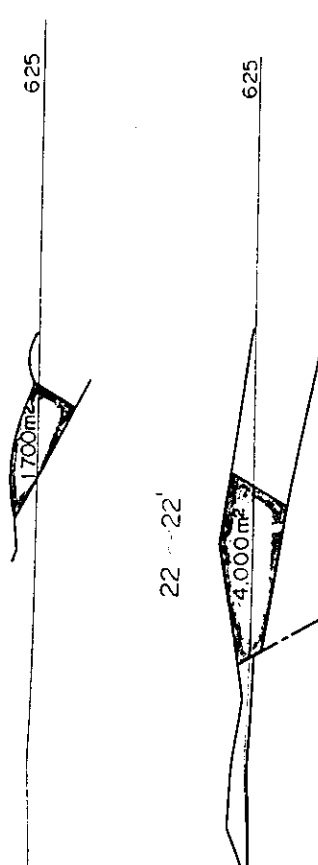
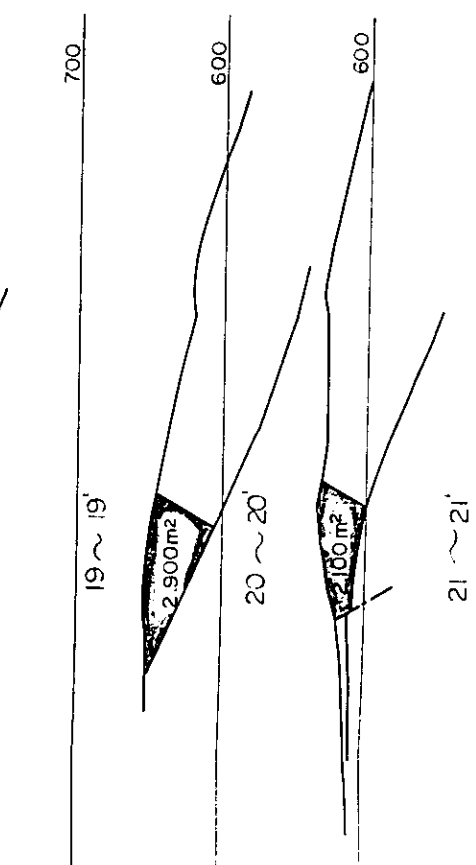
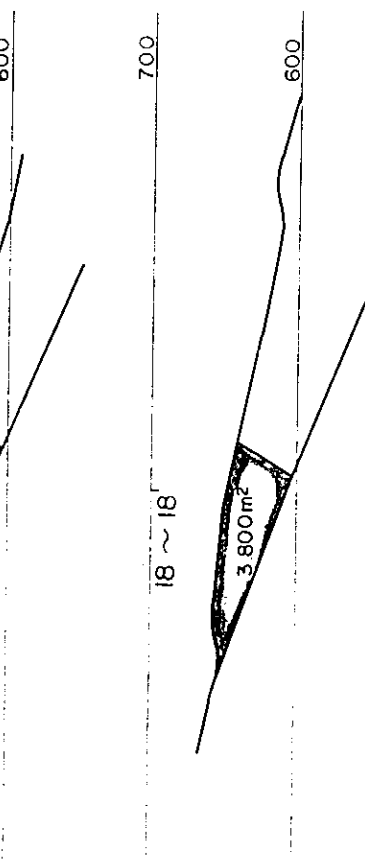
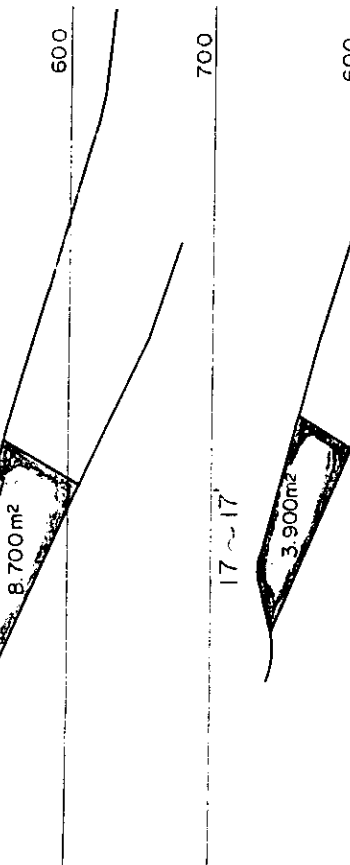
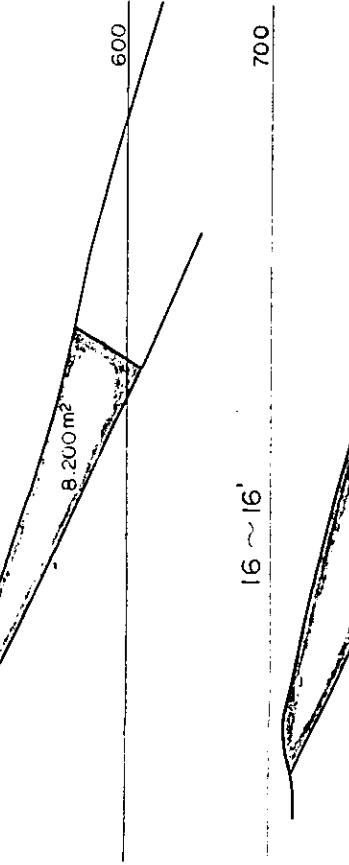
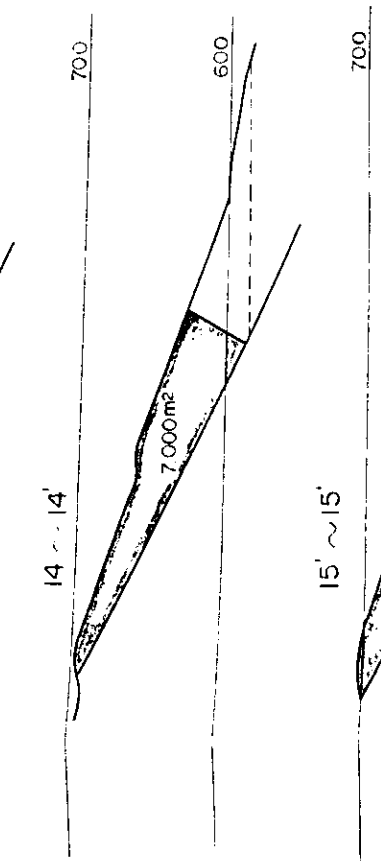
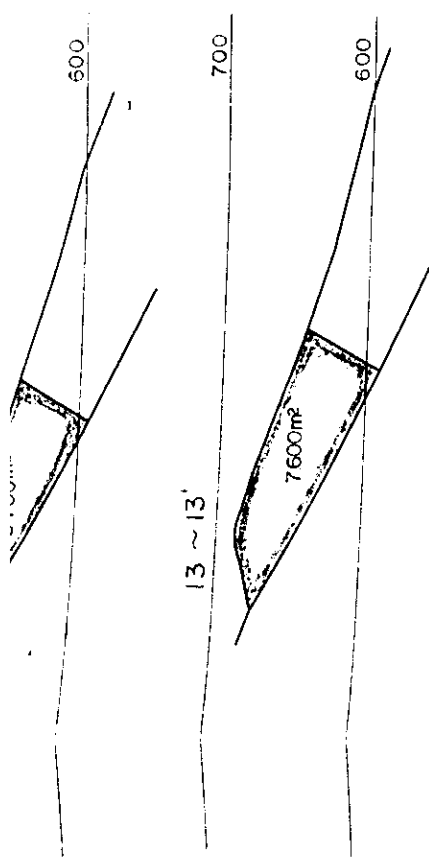
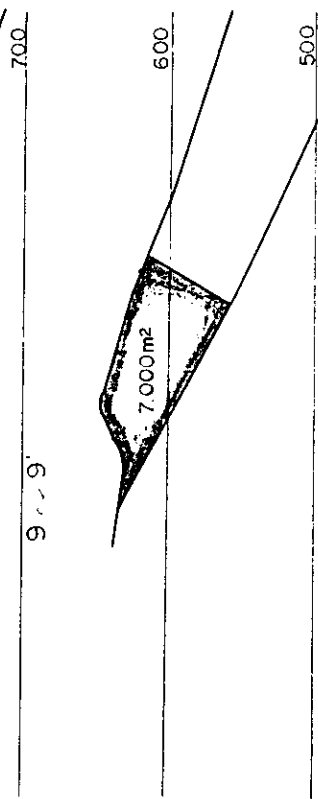
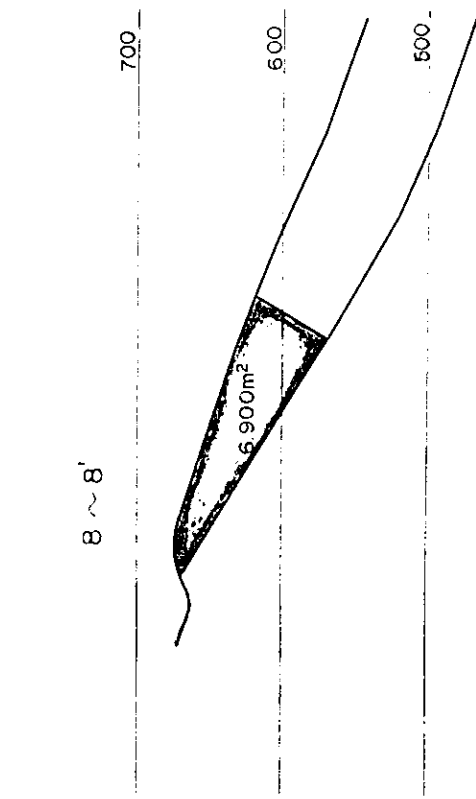
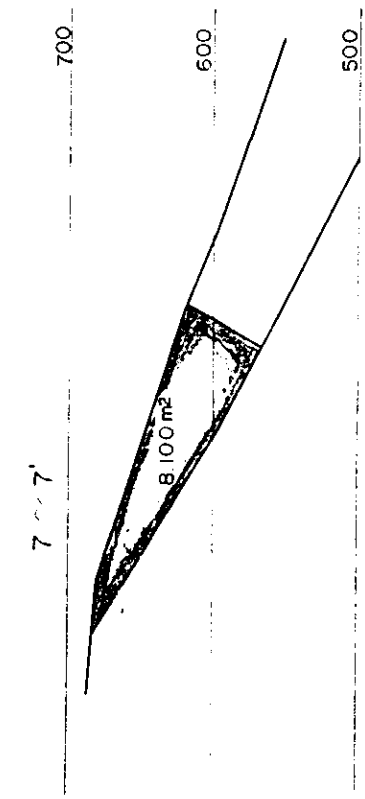
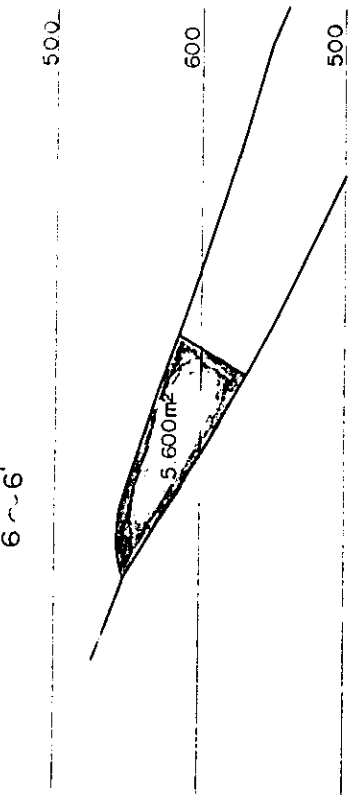
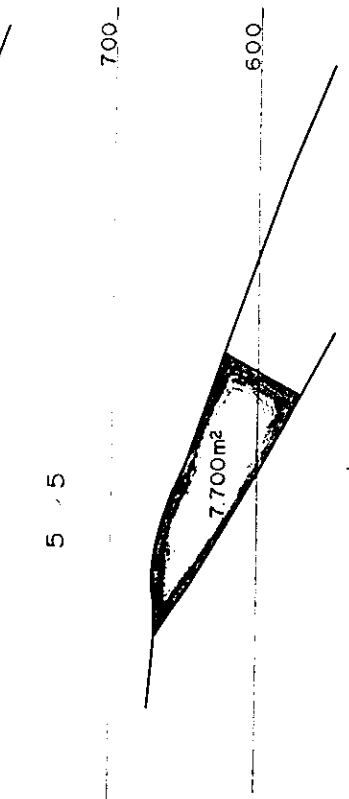
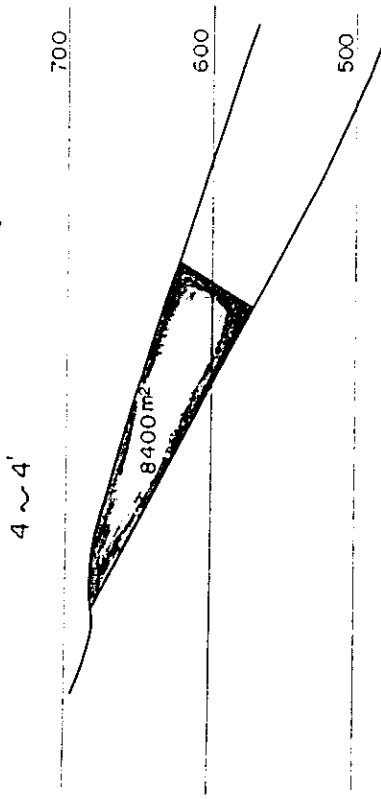
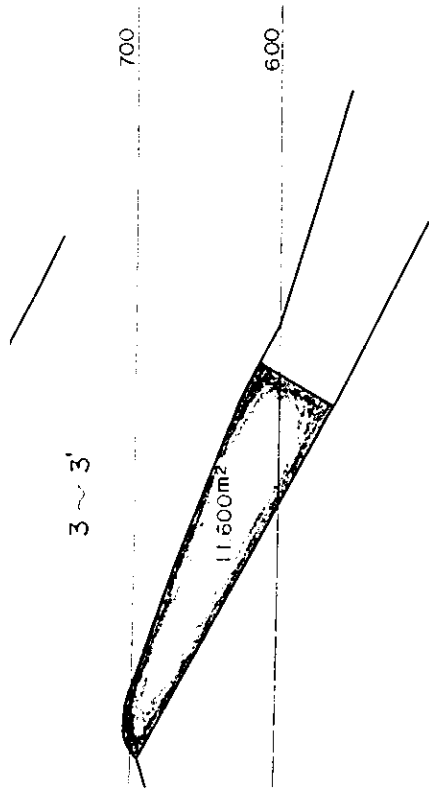
REPUBLIC OF MALAWI
NGANA COAL FIELD

SURFACE MINING PROFILE

(No. 5 Coal Seam)

Fig No.9





+572

+573

+574

Fig No.10 REPUBLIC OF MALAWI

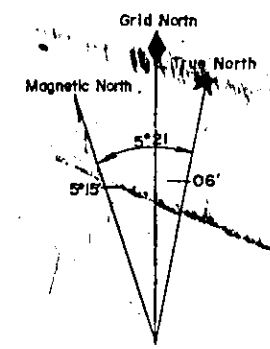
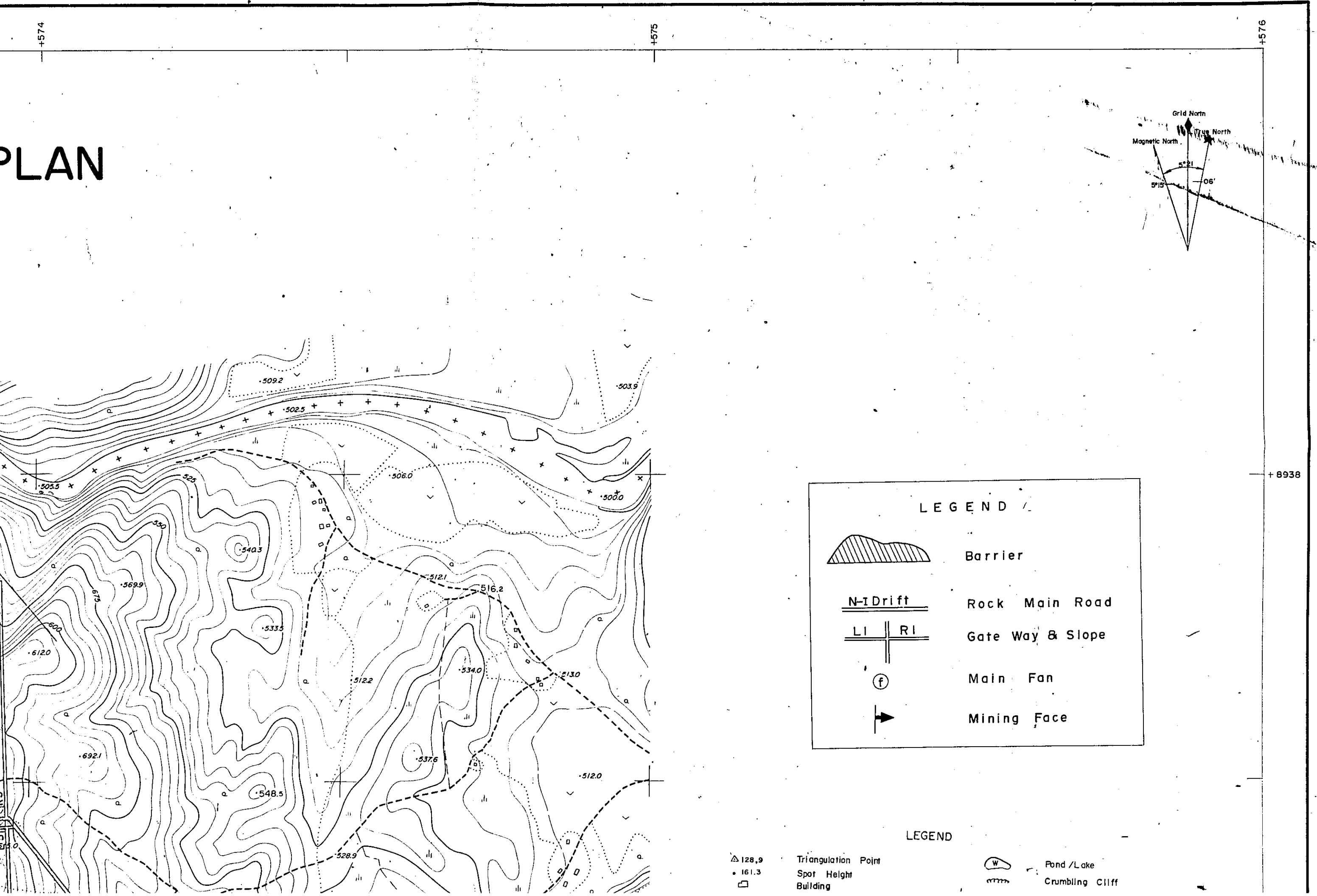
NGANA COAL FIELD

MINING PLAN

+8938



PLAN

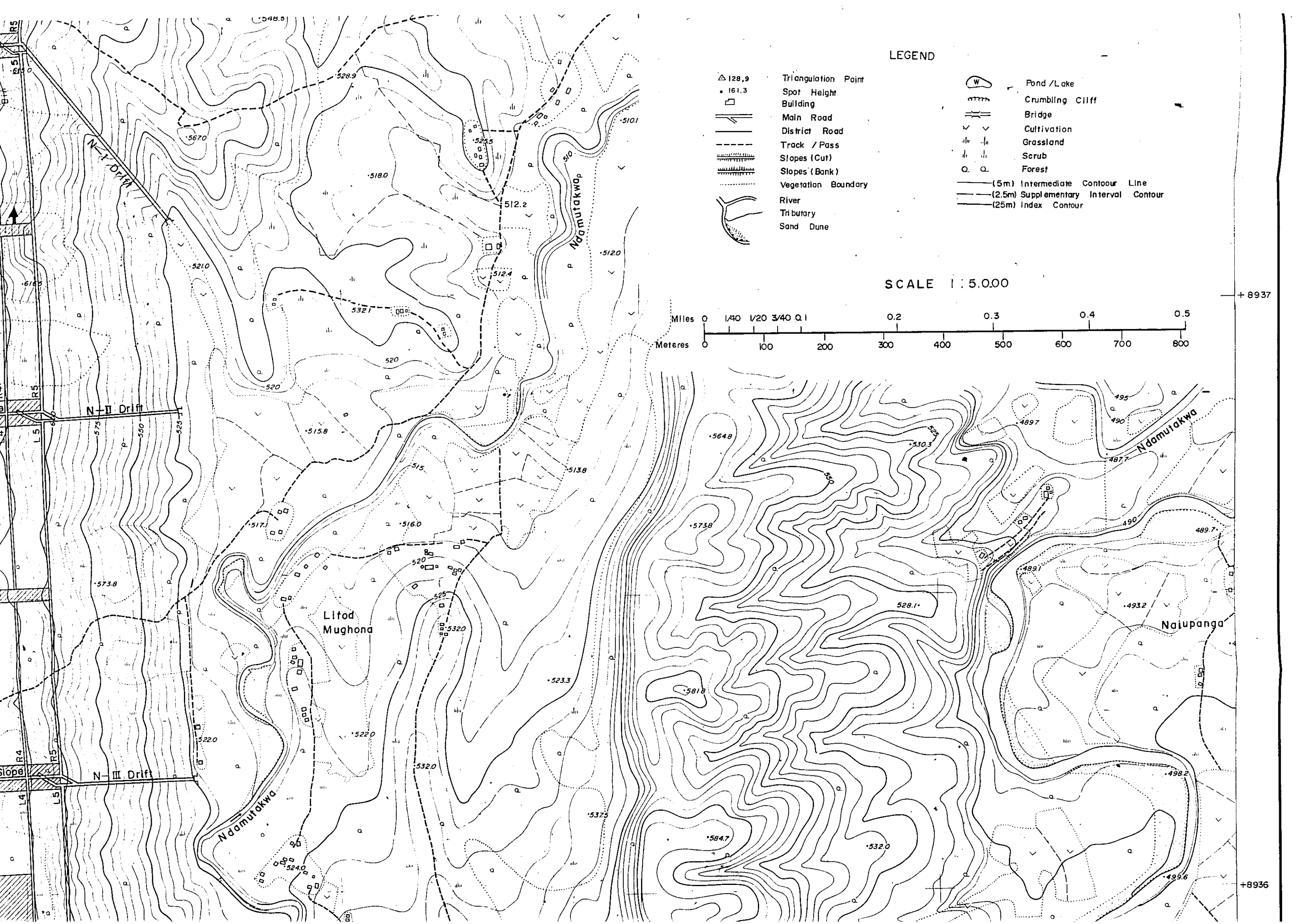


LEGEND

	Barrier
	Rock Main Road
	Gate Way & Slope
	Main Fan
	Mining Face

LEGEND

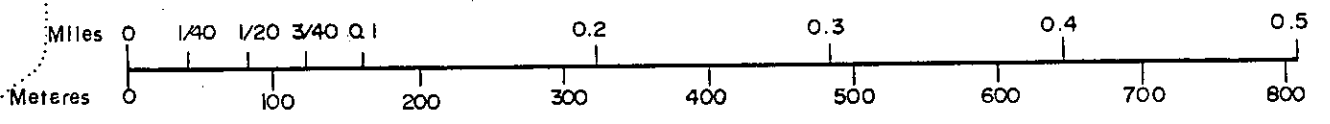
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	161.3	Spot Height		Crumbling Cliff
		Building		



LEGEND

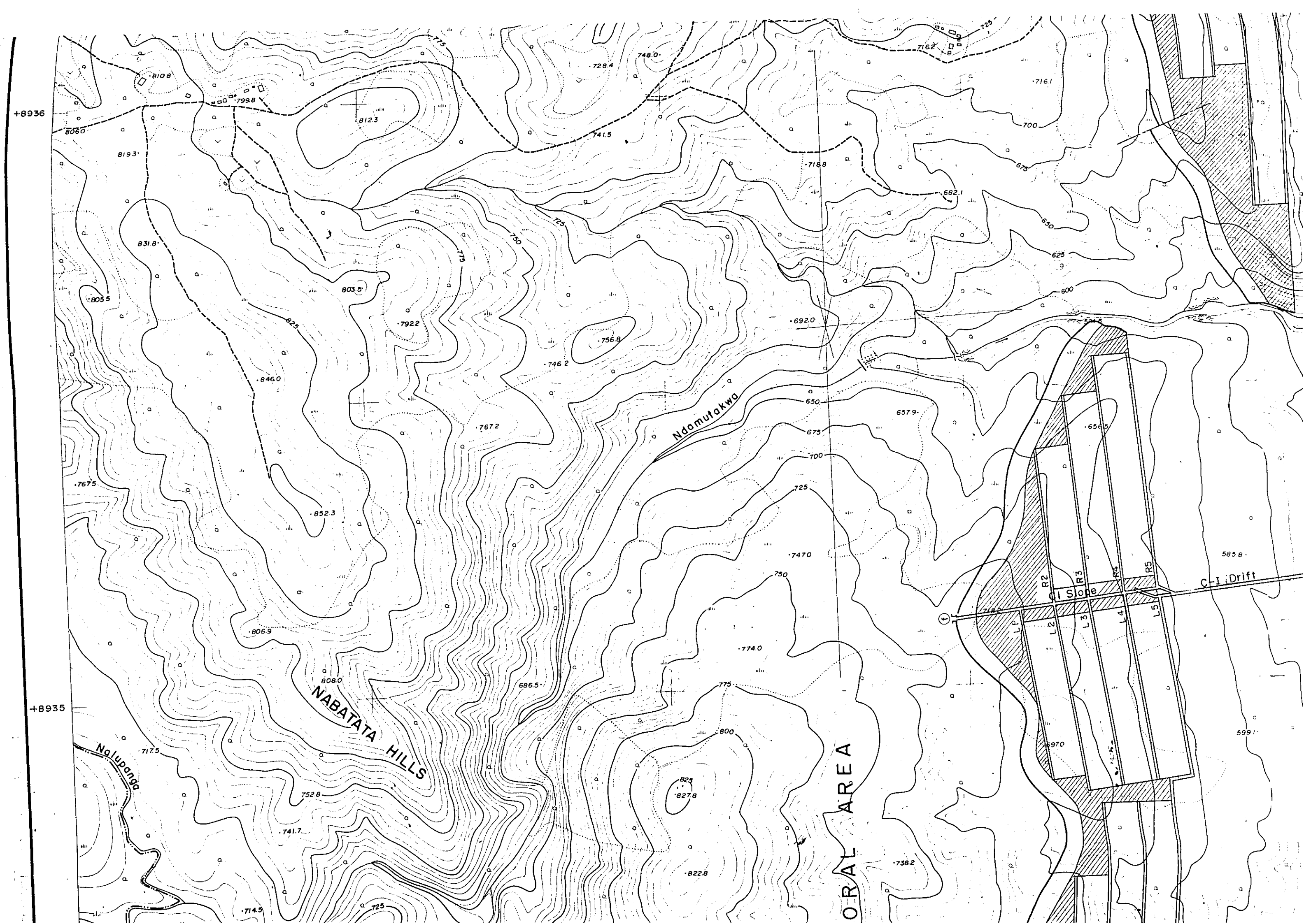
- | | | | |
|-----------|---------------------|-----------|---------------------------------------|
| △ 128.9 | Triangulation Point | ○ W | Pond / Lake |
| • 161.3 | Spot Height | ⚡ | Crumbling Cliff |
| □ | Building | ⚖ | Bridge |
| — | Main Road | ∨ ∨ | Cultivation |
| - - - | District Road | | Grassland |
| - · - · - | Track / Pass | | Scrub |
| ▨ | Slopes (Cut) | ○ ○ | Forest |
| ▨ | Slopes (Bank) | — | (5m) Intermediate Contour Line |
| ⋯ | Vegetation Boundary | - · - · - | (2.5m) Supplementary Interval Contour |
| — | River | — | (25m) Index Contour |
| — | Tributary | | |
| ⌒ | Sand Dune | | |

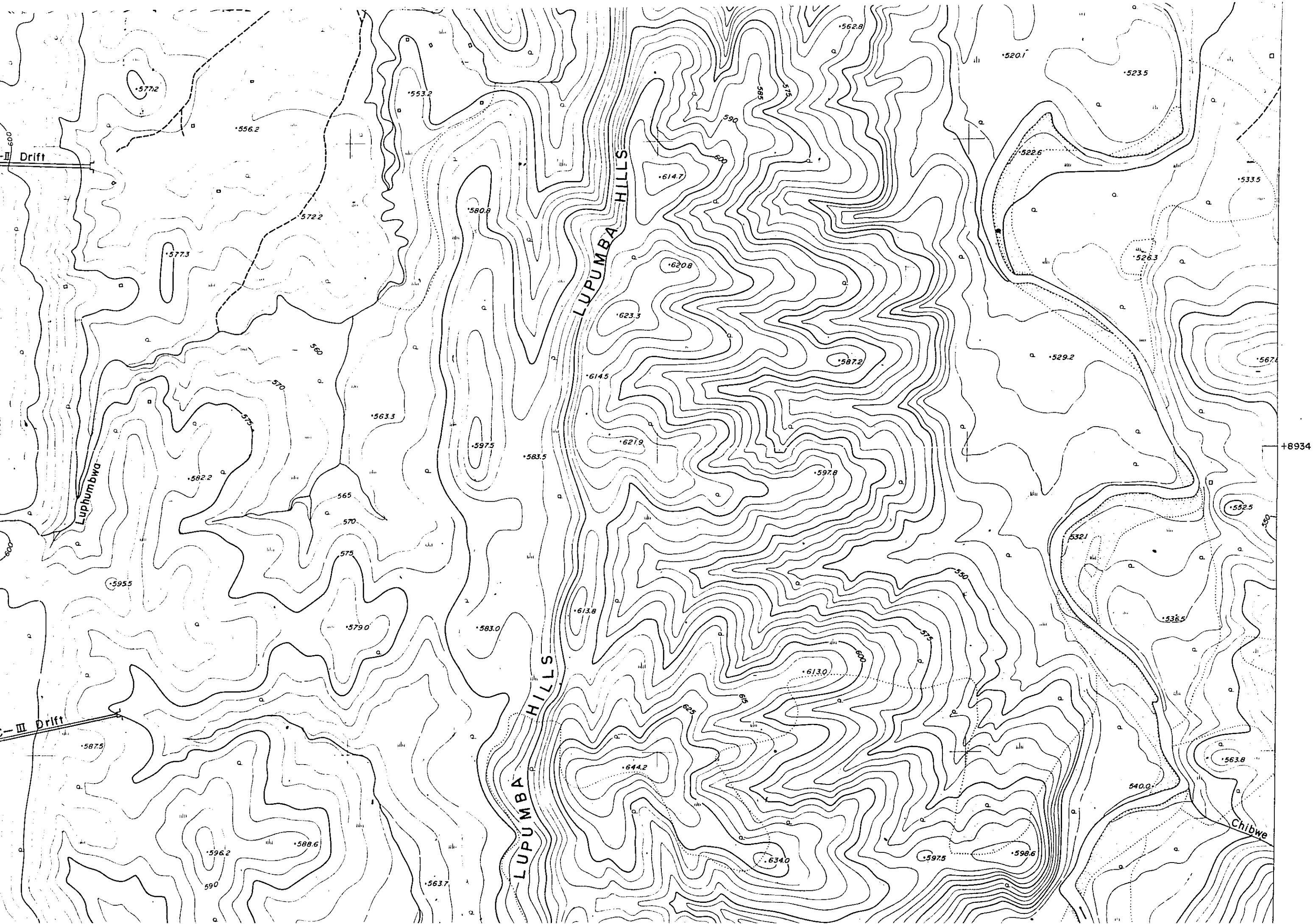
SCALE 1 : 5.000

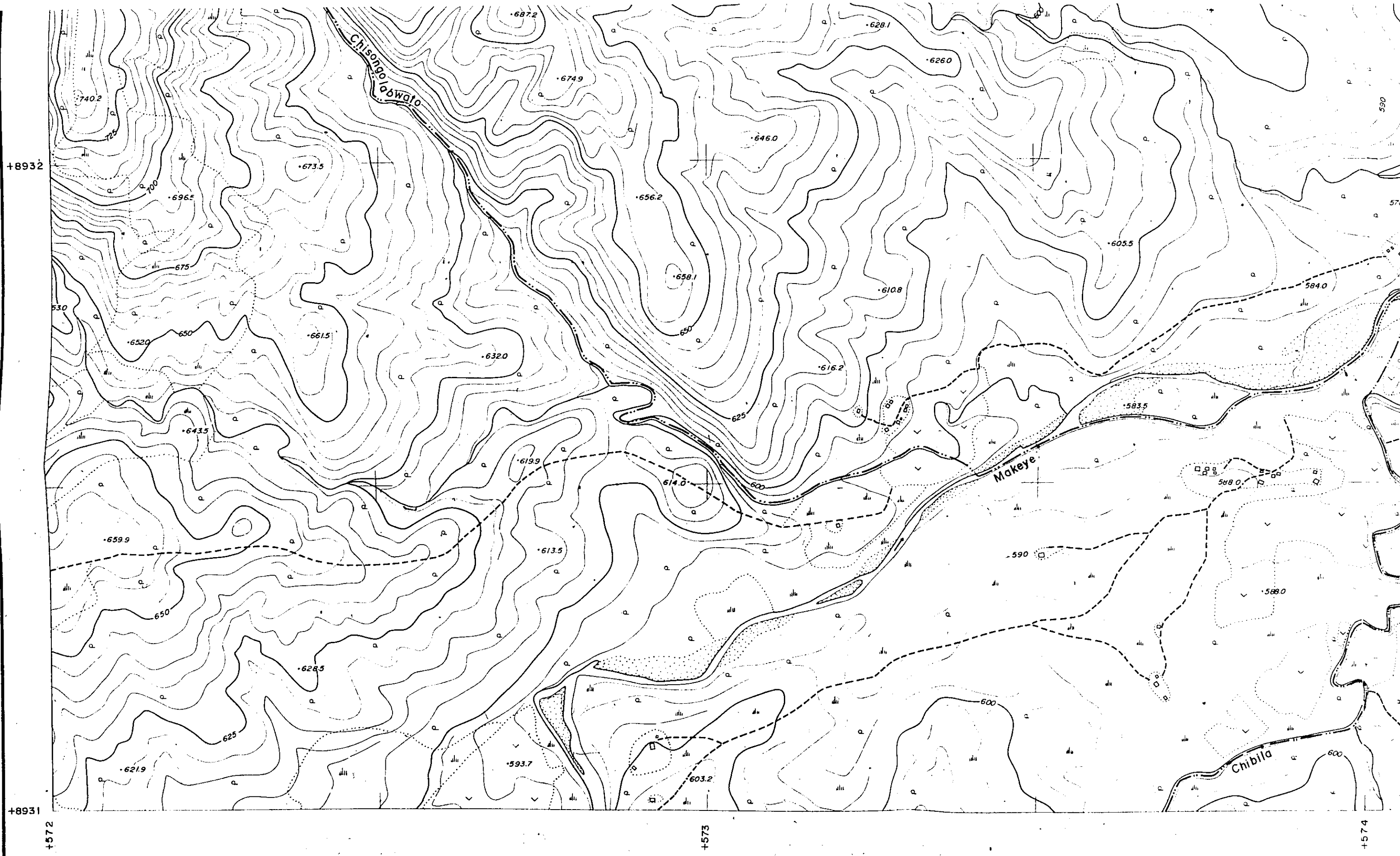


+ 8937

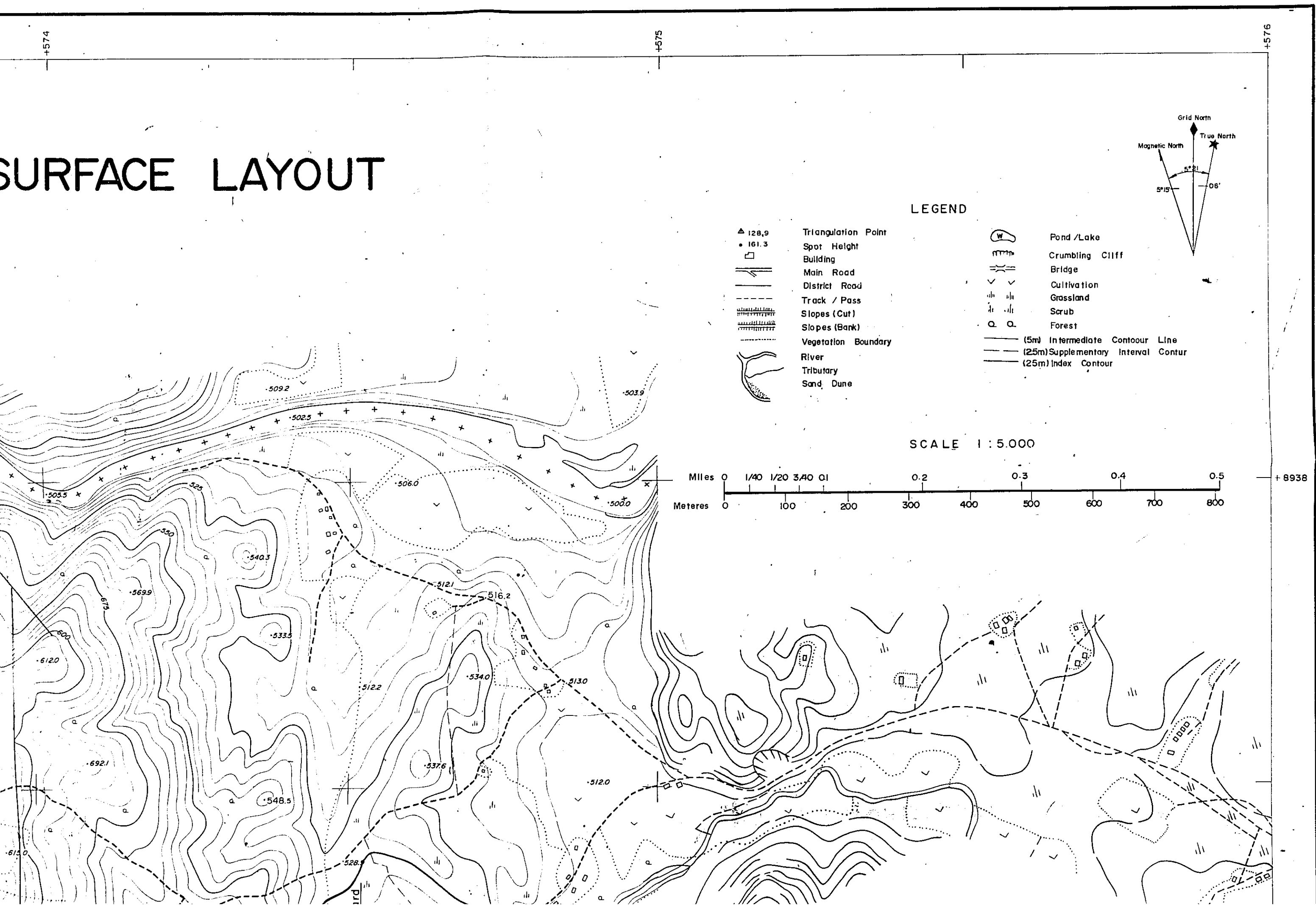
+ 8936





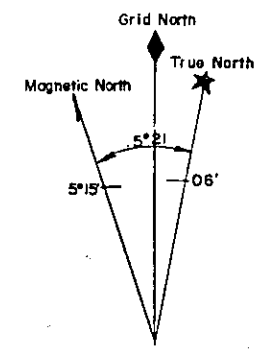


SURFACE LAYOUT

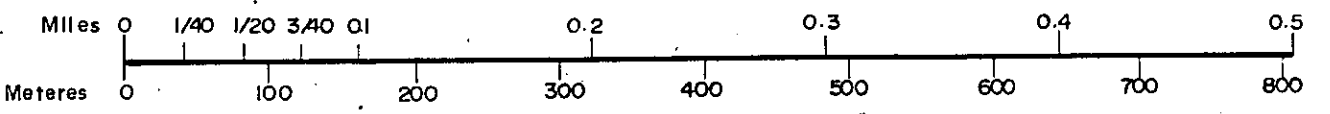


LEGEND

- | | | | |
|---------|---------------------|-----|--------------------------------------|
| ▲ 128.9 | Triangulation Point | W | Pond / Lake |
| • 161.3 | Spot Height | mtm | Crumbling Cliff |
| □ | Building | ≡≡≡ | Bridge |
| — | Main Road | ∨ ∨ | Cultivation |
| — | District Road | | Grassland |
| — | Track / Pass | | Scrub |
| — | Slopes (Cut) | ○ ○ | Forest |
| — | Slopes (Bank) | — | (5m) Intermediate Contour Line |
| — | Vegetation Boundary | — | (25m) Supplementary Interval Contour |
| — | River | — | (25m) Index Contour |
| — | Tributary | | |
| — | Sand Dune | | |



SCALE 1 : 5,000



+ 8938

+576

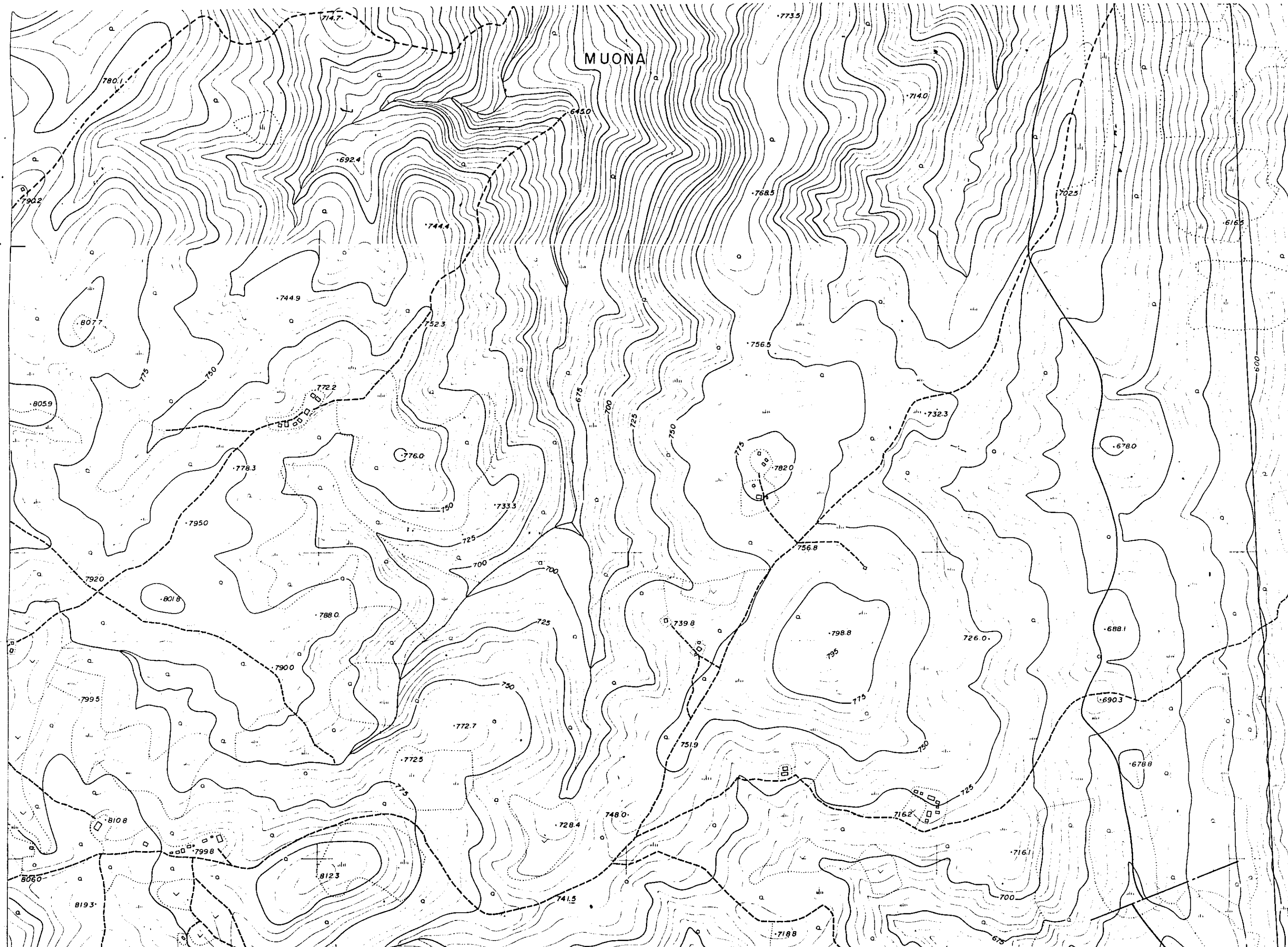
+574

+575

MUONA

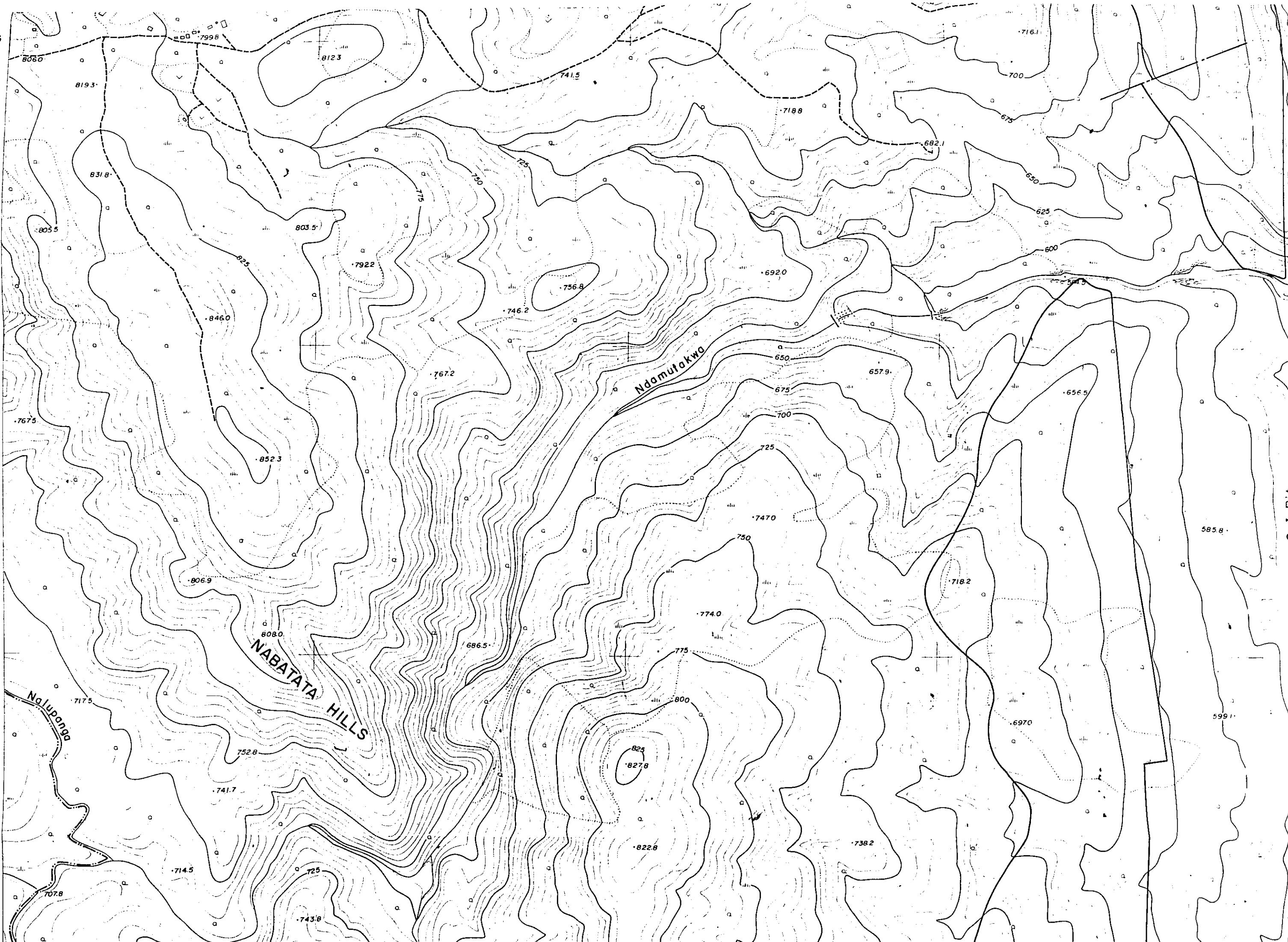
+8937

+8936



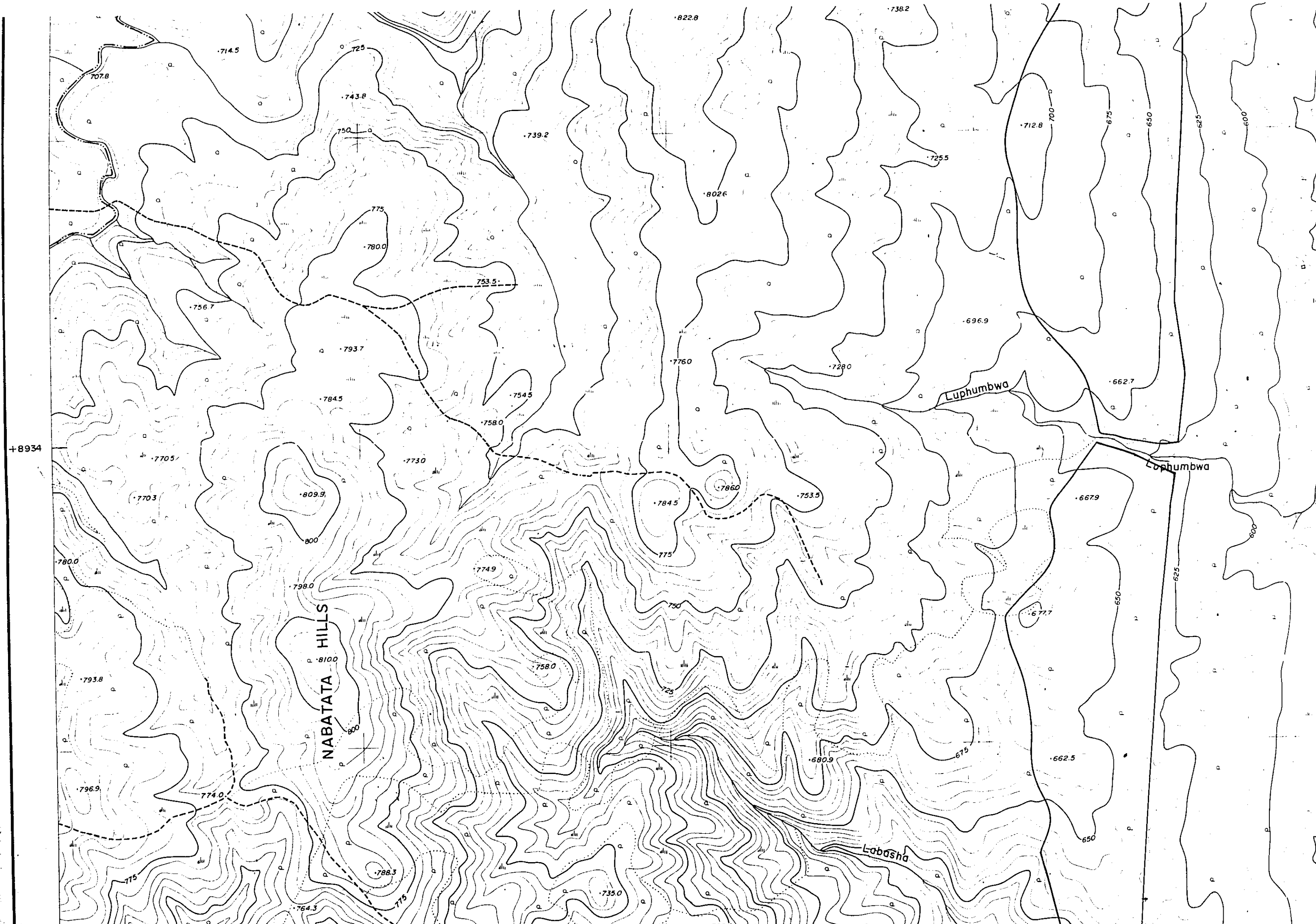
+8936

+8935



N-C-I Pit

N-C-I Pit



+8934

NABATATA HILLS

Lophumbwa

Lophumbwa

Labasha

JL C - II Pit

Lophu...

