

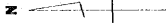
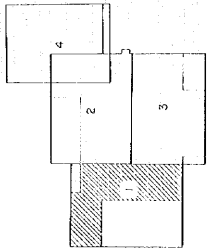
MAP- V HYDROGEOLOGICAL MAP

OFFICE OF THE SUPERVISOR OF MINES
 DIVISION OF WATER RESOURCES
 DIVISION OF LAND AND MINING INVESTMENT
 DIVISION OF MINERAL AND ENERGY DEVELOPMENT

- ★ Location of Water Spring
- 33 km measured Water out-pour
- ⑤ estimated Water out-pour (>20 l/min., 20 l ~ 60 l/min., 60 l/min-4)
- Drill Site

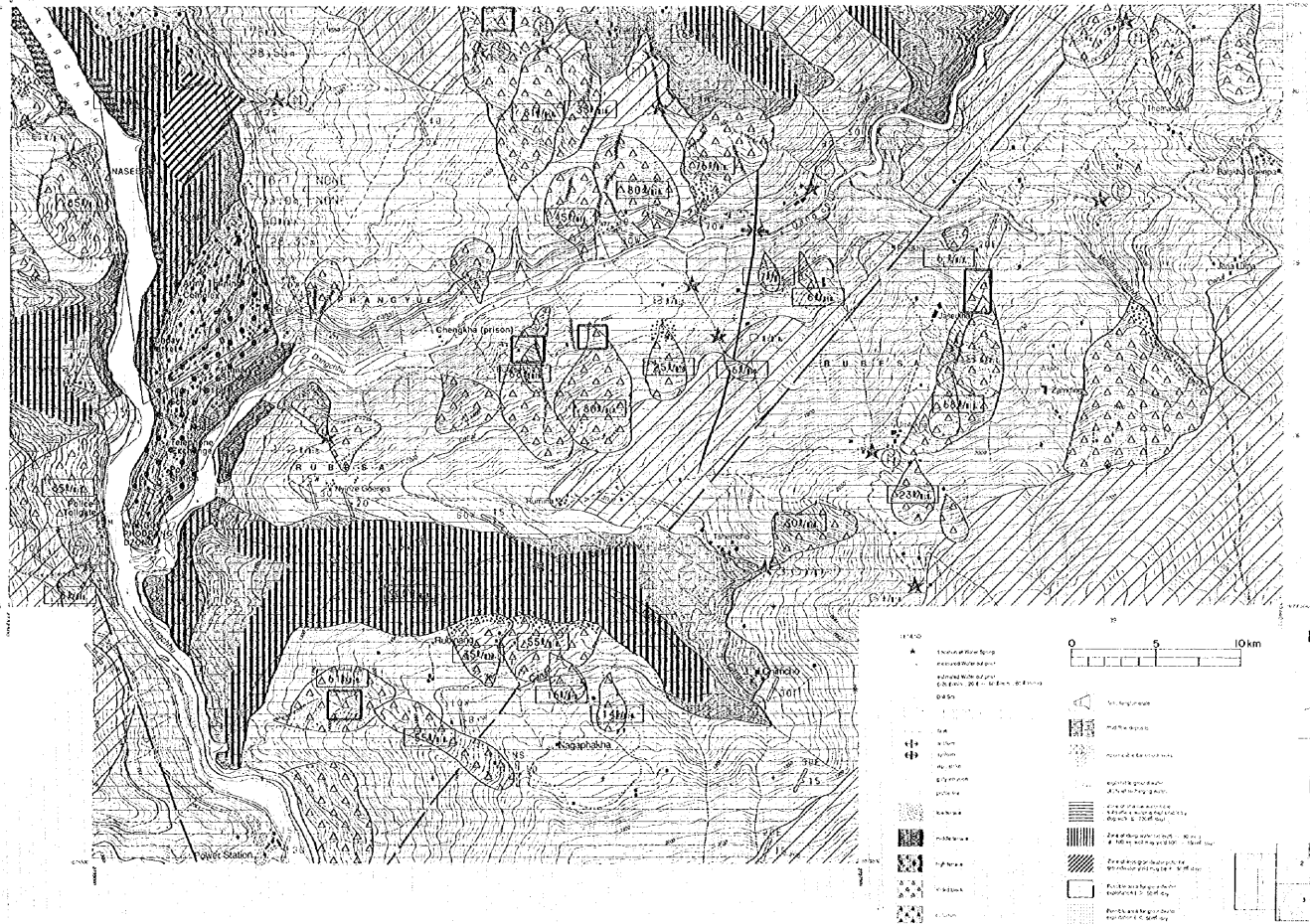
Dp-11 Number : Depth of Static Water table
 Dp-11 Depth : Depth of Static Water table

— — —	fault		high terrace 1
↔ ↔	antiform		slide block
↔ ↔	synform		colluvium
	ep. strike		fan / tanglemate
.....	gully incision		younger mud-low deposits
.....	profile line		mud-low deposits
	low terrace		middle terrace 2
	middle terrace 1		high terrace 2
	impermeable basement rocks		



MAP- VI GROUNDWATER INVENTORY MAP

GOVERNMENT OF INDIA
 MINISTRY OF WATER RESOURCES
 CENTRAL BOARD OF WATER RESOURCES
 NEW DELHI



LEGEND

▲	Water Wells	▲	Water Wells
●	Water Wells	▨	Water Wells
○	Water Wells	▩	Water Wells
□	Water Wells	▧	Water Wells
△	Water Wells	▦	Water Wells
◇	Water Wells	▥	Water Wells
▽	Water Wells	▤	Water Wells
◀	Water Wells	▣	Water Wells
▶	Water Wells	▢	Water Wells
✱	Water Wells	□	Water Wells
✱	Water Wells	■	Water Wells
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✱	Water Wells	▅	Water Wells
✱	Water Wells	▄	Water Wells
✱	Water Wells	▃	Water Wells
✱	Water Wells	▂	Water Wells
✱	Water Wells	▁	Water Wells
✱	Water Wells	▀	Water Wells
✱	Water Wells	▄	Water Wells
✱	Water Wells	▃	Water Wells
✱	Water Wells	▂	Water Wells
✱	Water Wells	▁	Water Wells
✱	Water Wells	▀	Water Wells

0 5 10 km

N

MAP- VI GROUNDWATER INVENTORY MAP

BY THE GOVERNMENT OF PUNJAB
THE WATER AND POWER DEPARTMENT
IN MANAGING ENGINEERING
JALPA GROUNDWATER DIVISION

1. Scale
A. Contour Interval
B. Contour Interval
C. Contour Interval

1. Contour Interval
2. Contour Interval

1. Contour Interval
2. Contour Interval

1. Contour Interval
2. Contour Interval

1. Contour Interval
2. Contour Interval

1. Contour Interval
2. Contour Interval



Contour Interval



Contour Interval



Contour Interval



Contour Interval



Contour Interval



Contour Interval



Contour Interval



Contour Interval



Contour Interval



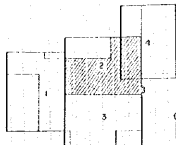
Contour Interval



Contour Interval



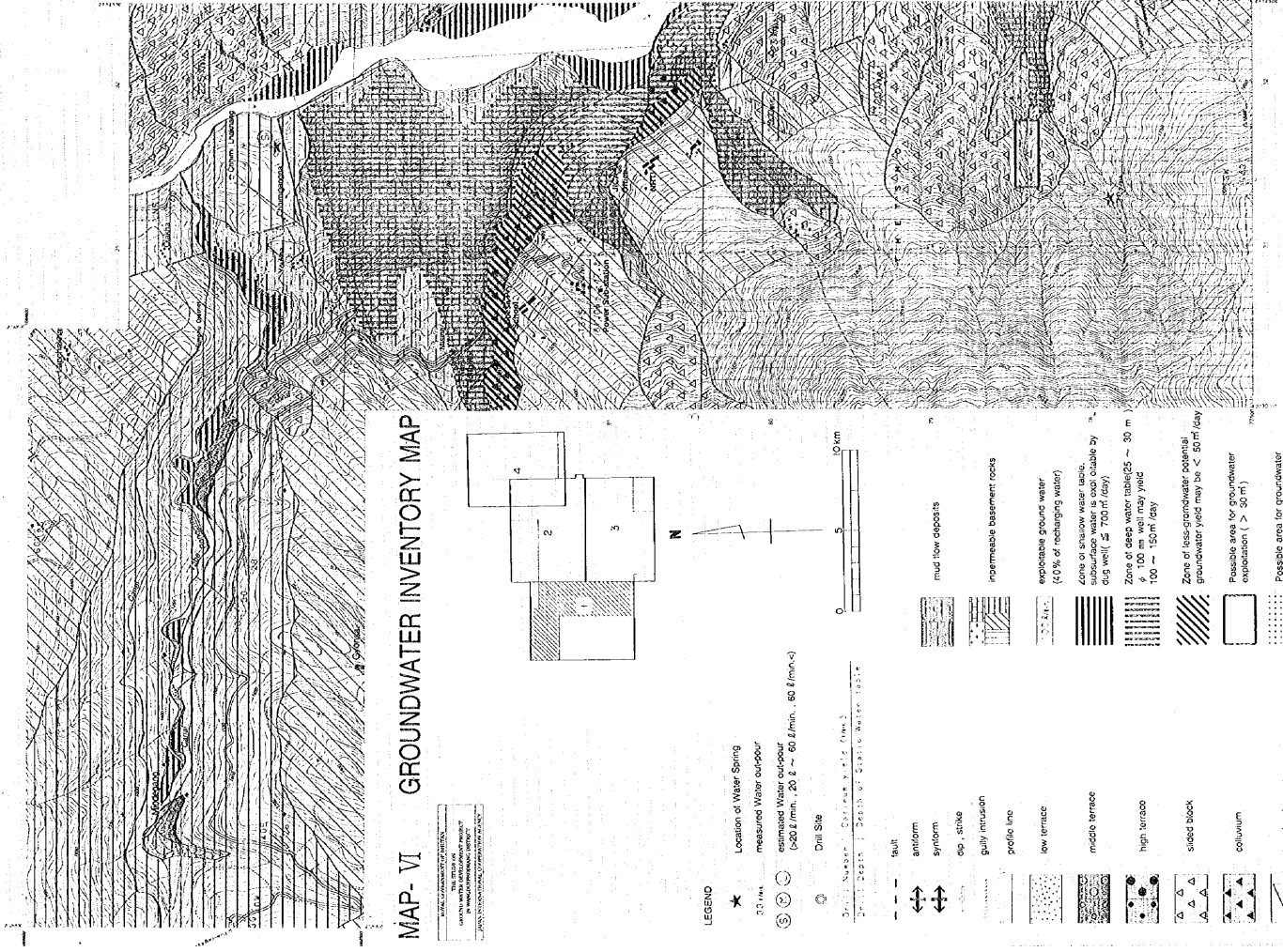
Contour Interval



N

0 5 10 km



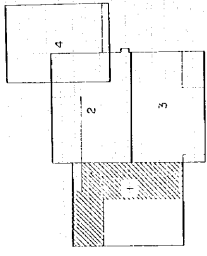


MAP- VI GROUNDWATER INVENTORY MAP

STATE OF CALIFORNIA
 DEPARTMENT OF WATER RESOURCES
 DIVISION OF GROUNDWATER RESOURCES
 GROUNDWATER INVENTORY MAP
 COUNTY OF SAN DIEGO

LEGEND

- ★ Location of Water Spring
- 30 ft PA measured Water outpour (>20 g./min., 20 g. & ~ 60 g./min.-g)
- 60 g./min. & ~ 60 g./min.-g estimated Water outpour (>20 g./min., 20 g. & ~ 60 g./min.-g)



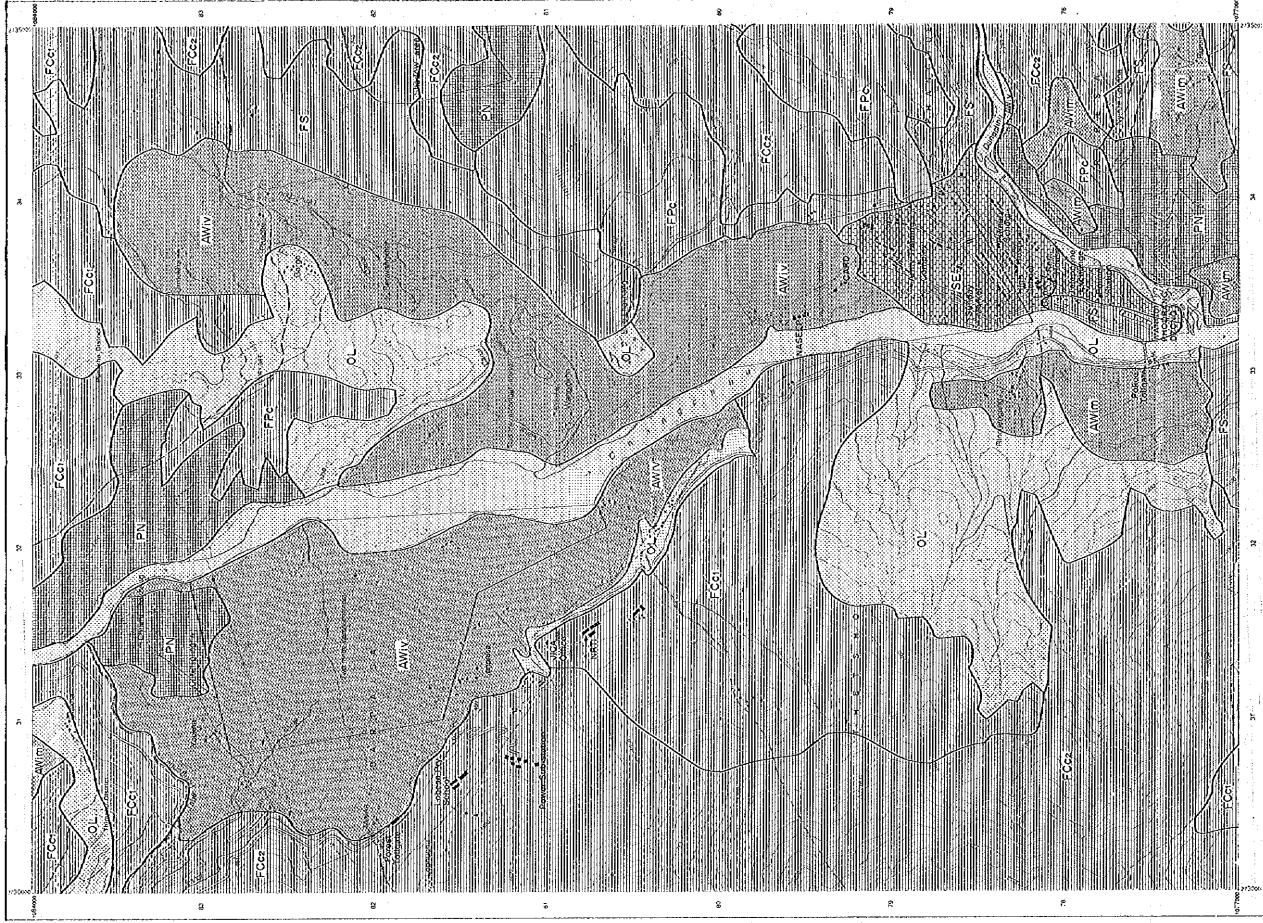
N



Drill Number | Distance (ft.) (ft.)
 Drill Depth | Depth of Static Water (ft.)

- - - fault
- ↔ antiform
- ↔ synform
- ⊕ ep., strike
- gully intrusion
- profile line
- low terrace
- middle terrace
- high terrace
- steep block
- collum
- tan., anglemonite
- mud flow deposits
- ▨ impermeable basement rocks
- exploitate ground water (40% of recharging water)
- ▨ zone of shallow water table, subsurface water is oxidizable by c.i.g. well (700 ft./day)
- ▨ zone of deep water table (25 ~ 30 m groundwater yield may be < 50 m³/day)
- ▨ zone of less groundwater potential, groundwater yield may be < 50 m³/day
- ▨ possible area for piezometer exploitation (> 50 m)
- ▨ possible area for groundwater exploitation (< 30 m)

MAP-7 LAND USE MAP (2/2)



LEGEND

Group Boundary	AWIV	AWIV
State Boundary	FCG	FCG
Local Boundary	PN	PN
Waterway	FS	FS
Power Line	ECG	ECG
Highway	OL	OL
Waterway		

(1) River (2) Trench (3) Pipeline (4) Reservoir
 (5) Dam (6) Pond (7) Well (8) Spring (9) Canal
 (10) Irrigation Channel (11) Drainage Channel (12) Ditch (13) Embankment
 (14) Road (15) Railway (16) Bridge (17) Tunnel (18) Viaduct
 (19) Overpass (20) Underpass (21) Station (22) Platform
 (23) Signal (24) Track (25) Roadway (26) Airport
 (27) Airport Runway (28) Airport Taxiway (29) Airport Apron
 (30) Airport Terminal (31) Airport Control Tower
 (32) Airport Tower (33) Airport Light (34) Airport Beacon
 (35) Airport Obstacle (36) Airport Obstruction Light
 (37) Airport Obstruction Light (38) Airport Obstruction Light
 (39) Airport Obstruction Light (40) Airport Obstruction Light
 (41) Airport Obstruction Light (42) Airport Obstruction Light
 (43) Airport Obstruction Light (44) Airport Obstruction Light
 (45) Airport Obstruction Light (46) Airport Obstruction Light
 (47) Airport Obstruction Light (48) Airport Obstruction Light
 (49) Airport Obstruction Light (50) Airport Obstruction Light

SCALE 1:10,000

U.S. GOVERNMENT PRINTING OFFICE: 1987 O-500-000

ADMINISTRATIVE INDEX

State	AWIV
Local	FCG
Waterway	FS
Power Line	ECG
Highway	OL

INDEX

AWIV	AWIV
FCG	FCG
FS	FS
ECG	ECG
OL	OL

LEGEND

Group Boundary	AWIV	AWIV
State Boundary	FCG	FCG
Local Boundary	PN	PN
Waterway	FS	FS
Power Line	ECG	ECG
Highway	OL	OL
Waterway		

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JICA