

22462

Table IV Showing details of boreholes drilled in Guguloh block

Borehole no.	Location /bearing	Angle	RL at collar (m)	Depth of Intersection (m)	RL Intersection of ore Horizon	Depth of borehole (m)	RL at bottom	Thickness along the borehole (m)	Remarks
MNG-1	N	45°	347.6	58.73-61.89	303	125	255	3.06	Manganiferous Quartzite
MNG-2	N	45°	344.2	38.35-38.97 39.59-41.00	315	79.5	288	2.03	Gonditic Mn ore
MNG-3	N	45°	353.8	37.95-41.40	324	80.25	298	3.45	Mn ore
MNG-4	N	45°	363.22	20.35-22.90	350	80.5	310	2.55	Mn ore
MNG-5	N	45°	361.5	-	-	100.00	292	-	
MNG-6	N	45°	348.2	44.57-47.50 52.91-53.15 53.96-57.45	-	100.00	282	-	Gonditic Mn ore
MNG-7	N	45°	341.02	48.75-54.75	309	75015	292	6.00	Gonditic Mn ore
MNG-8	N35°E	45°	342.00	51.55-55.25	313	108.5	265	3.70	Mn ore
MNG-9	N20°W	45°	353.165	26.00-27.20 41.70-45.30	334,323	90.00	288	1.2, 3.60	Gondite
MNG-10	N20°W	45°	360.400	-	335	76.5	308	1.60	Gonditic Mn ore
MNG-11	N20°W	45°	350.045	-	-	70.00	320	-	
MNG-12	N20°W	45°	361.53	-	-	-	-	-	
MNG-12A	N20°W	45°	361.53	38.62-41.50	335	78.65	309	4.83	Gonditic Mn ore
MNG-13	N20°W	45°	382.295	-	-	85.00	322	-	
MNG-14	N20°W	60°	369.80	-	-	107.10	277	-	
MNG-15	N20°W	45°	361.200	-	-	80.55	306	-	
MNG-16	N20°E	45°	352.60	-	-	80.55	295	-	
MNG-17	N20°E	45°	344.565	-	-	88.00	282	-	
MNG-18	N20°E	45°	370.88	-	-	85.20	310	-	

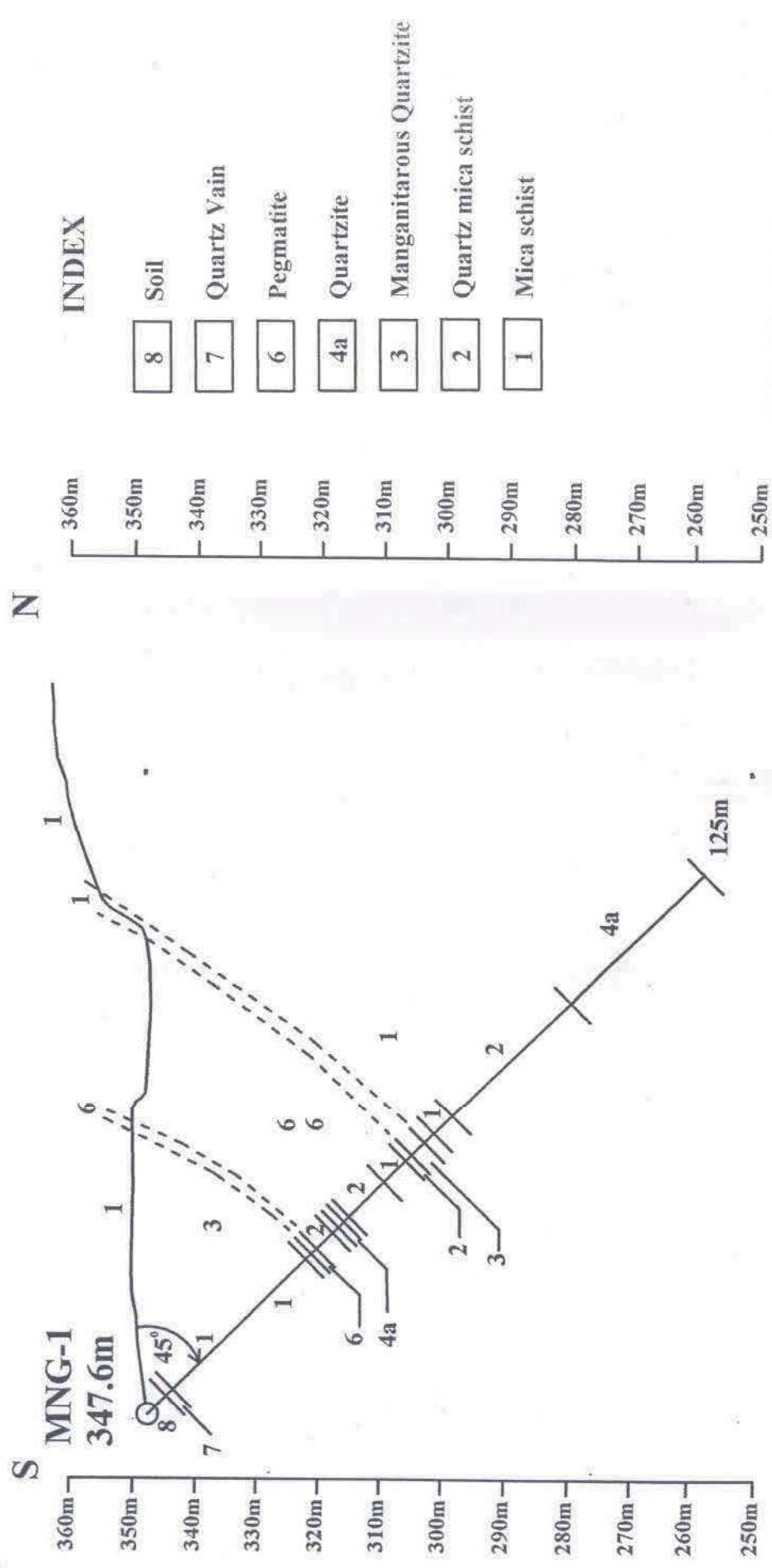
CENTRAL BLOCK

EASTERN BLOCK

WESTERN BLOCK

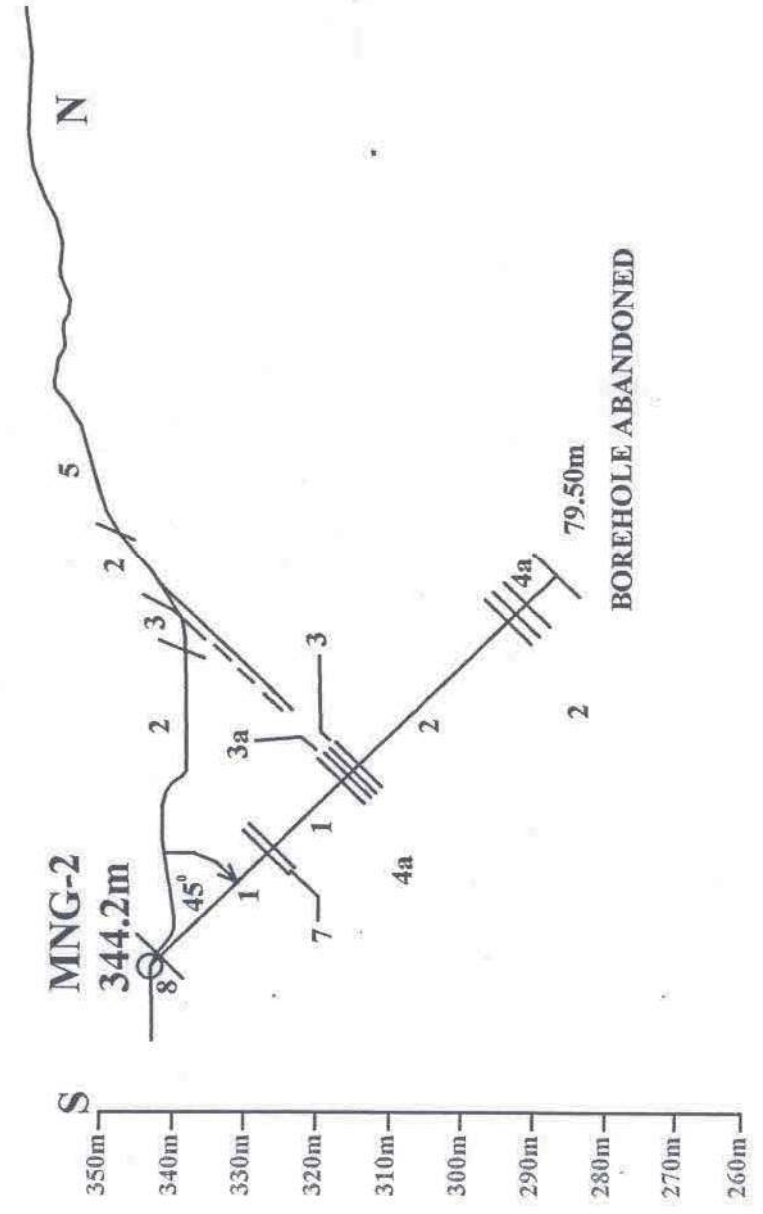
EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL,
NAGPUR DISTRICT, MAHARASHTRA
GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-1

0 10 20 30 40 50 METRE
SCALE - 1:1000



Mapped by - S.N.Mesram, Geologist (Sr.)
F.S.1999-2000

**EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL,
NAGPUR DISTRICT, MAHARASHTRA
GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-2**

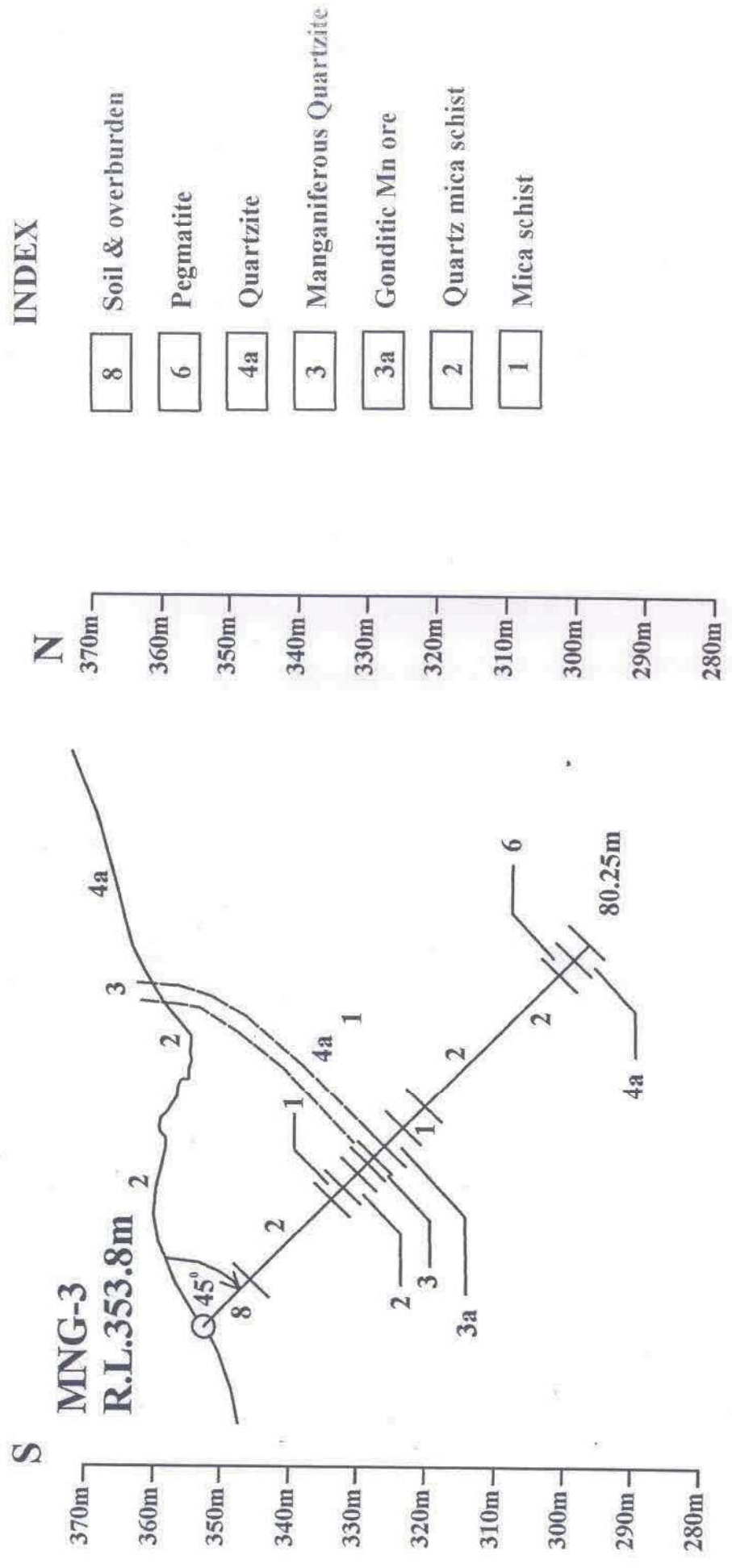


INDEX

8	Soil	350m
7	Quartz Vain	340m
6	Pegmatite	330m
4a	Quartzite	320m
3a	Gonditic Mn ore	310m
3	Mn ore	300m
2	Quartz mica schist	290m
1	Mica schist (Crenulated)	280m
		270m
		260m

Mapped by - S.N.Mesram, Geologist (Sr.)
F.S.1999-2000

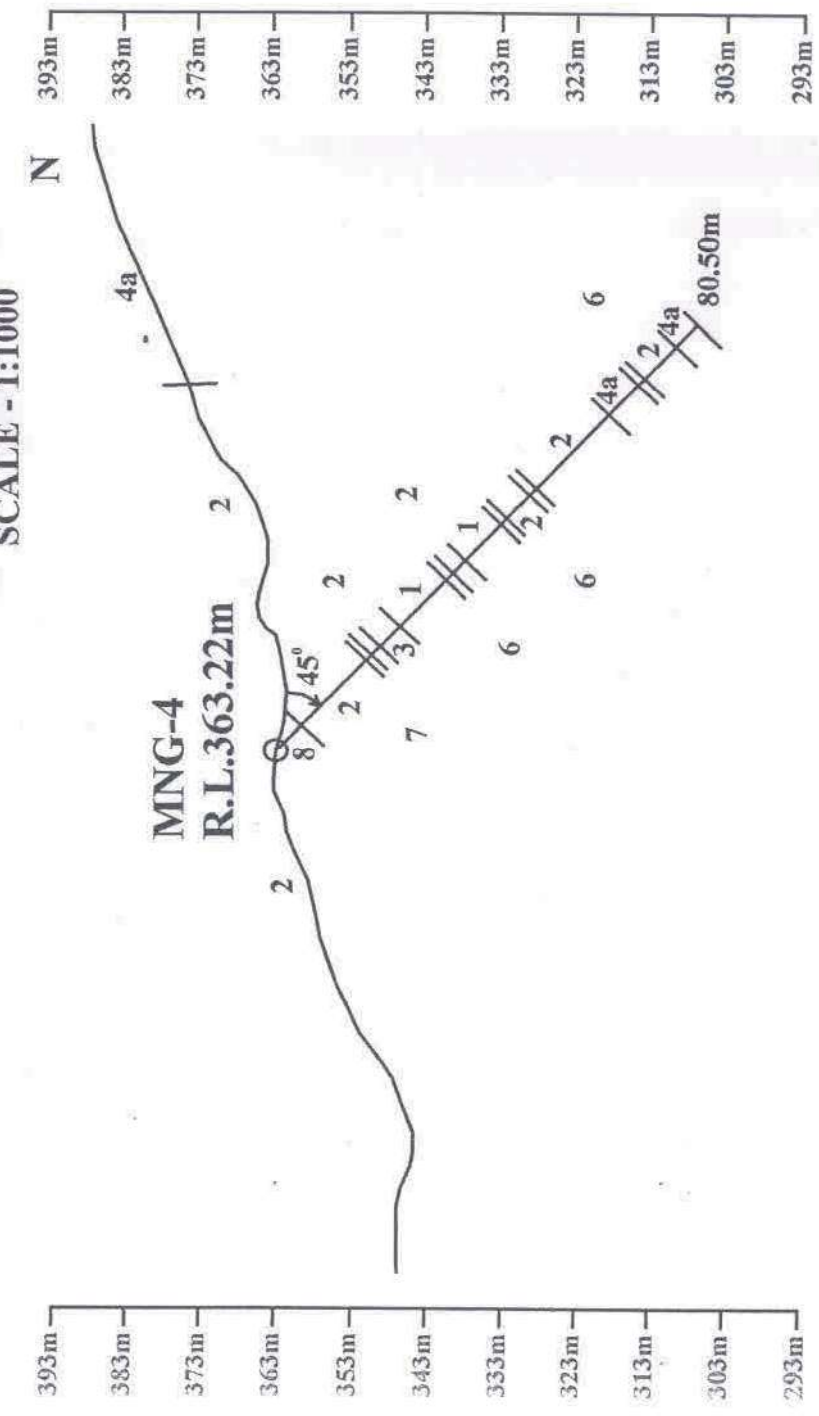
EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL,
NAGPUR DISTRICT, MAHARASHTRA
GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-3



Mapped by - S.N.Meshram, Geologist (Sr.)
F.S.1999-2000

INVESTIGATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL, NAGPUR DISTRICT, MAHARASHTRA GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-4

0 10 20 30 40 50 METRE
SCALE - 1:1000



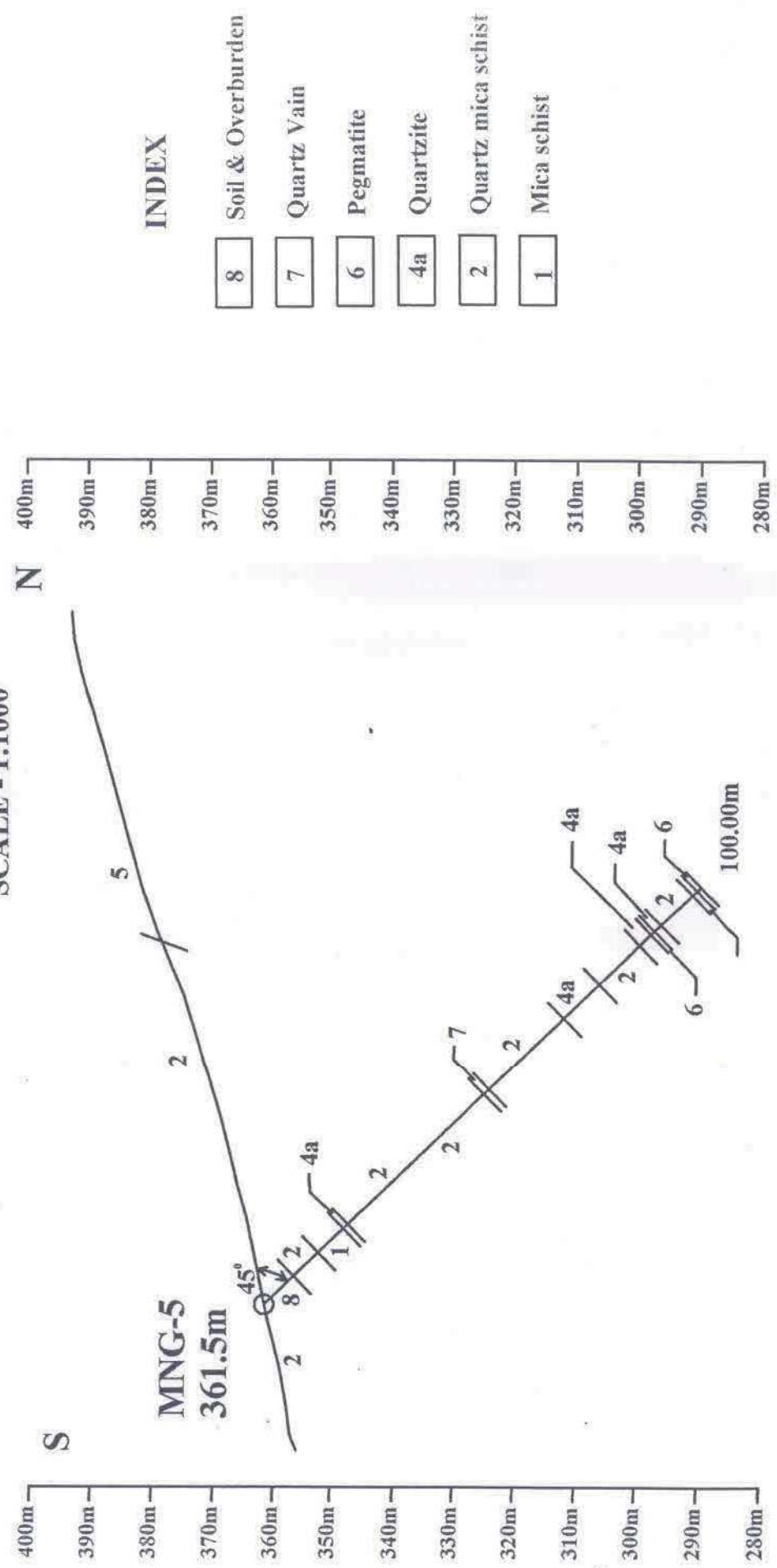
INDEX

- 8 Overburden
- 7 Quartz vein
- 6 Pegmatite
- 4a Quartzite
- 3 Mn ore
- 2 Quartz mica schist
- 1 Mica schist

Mapped by - S.N. Meshram, Geologist (Sr.)
F.S. 1999-2000

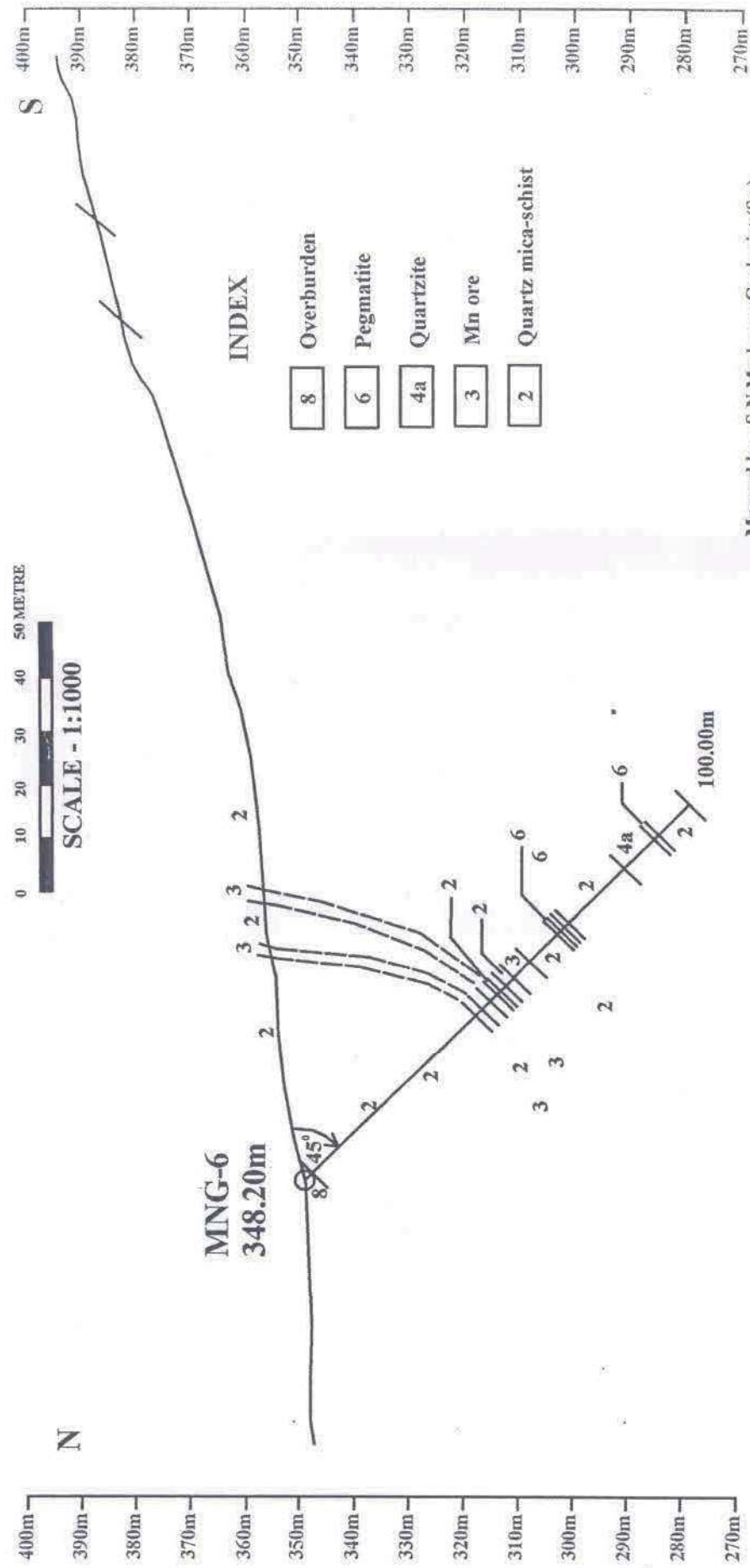
EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL, NAGPUR DISTRICT, MAHARASHTRA GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-5

SCALE - 1:1000
0 10 20 30 40 50 METRE



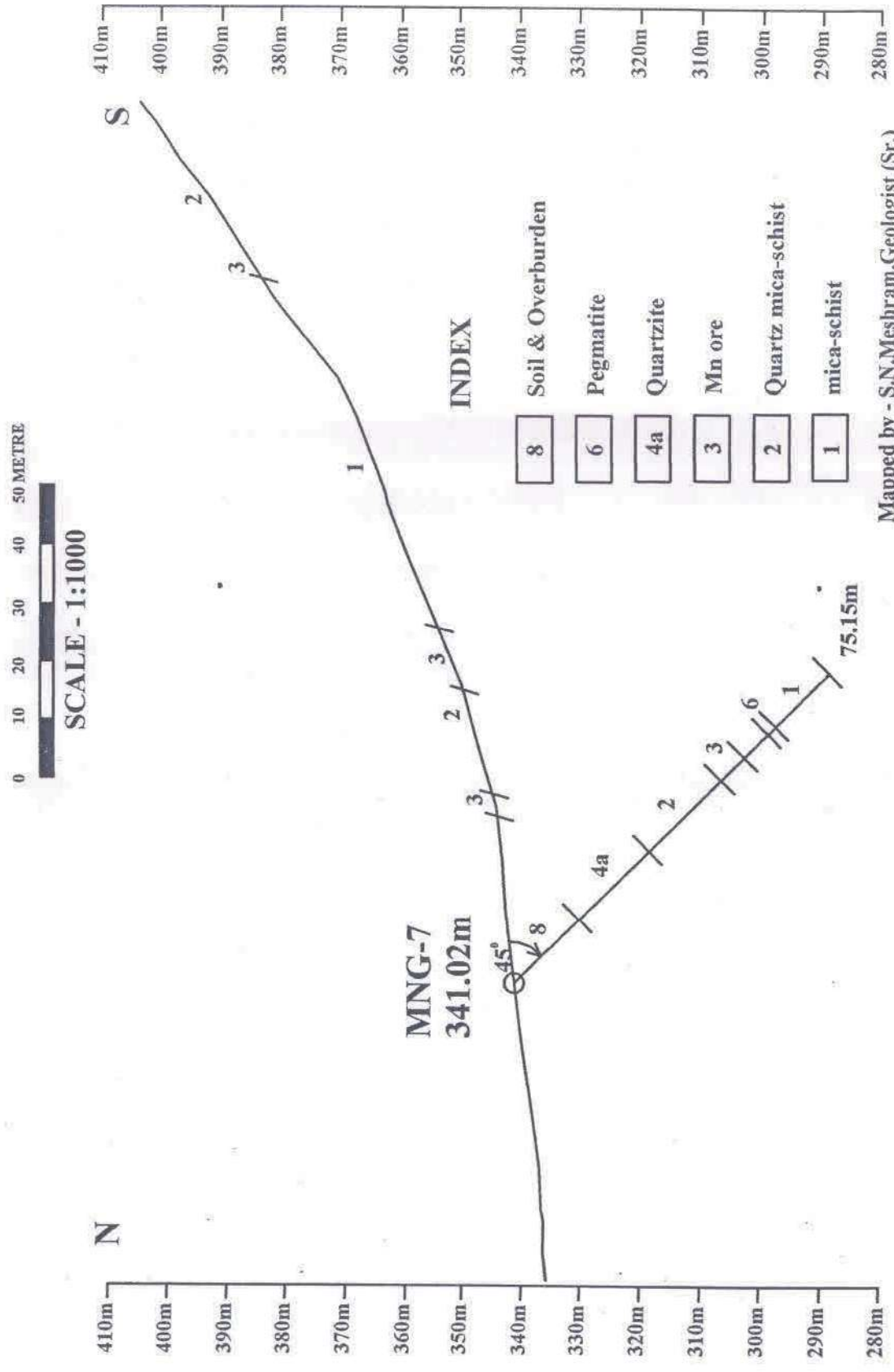
Mapped by - S.N.Meshram, Geologist (Sr.)
F.S.1999-2000

**EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL,
NAGPUR DISTRICT, MAHARASHTRA
GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-6**



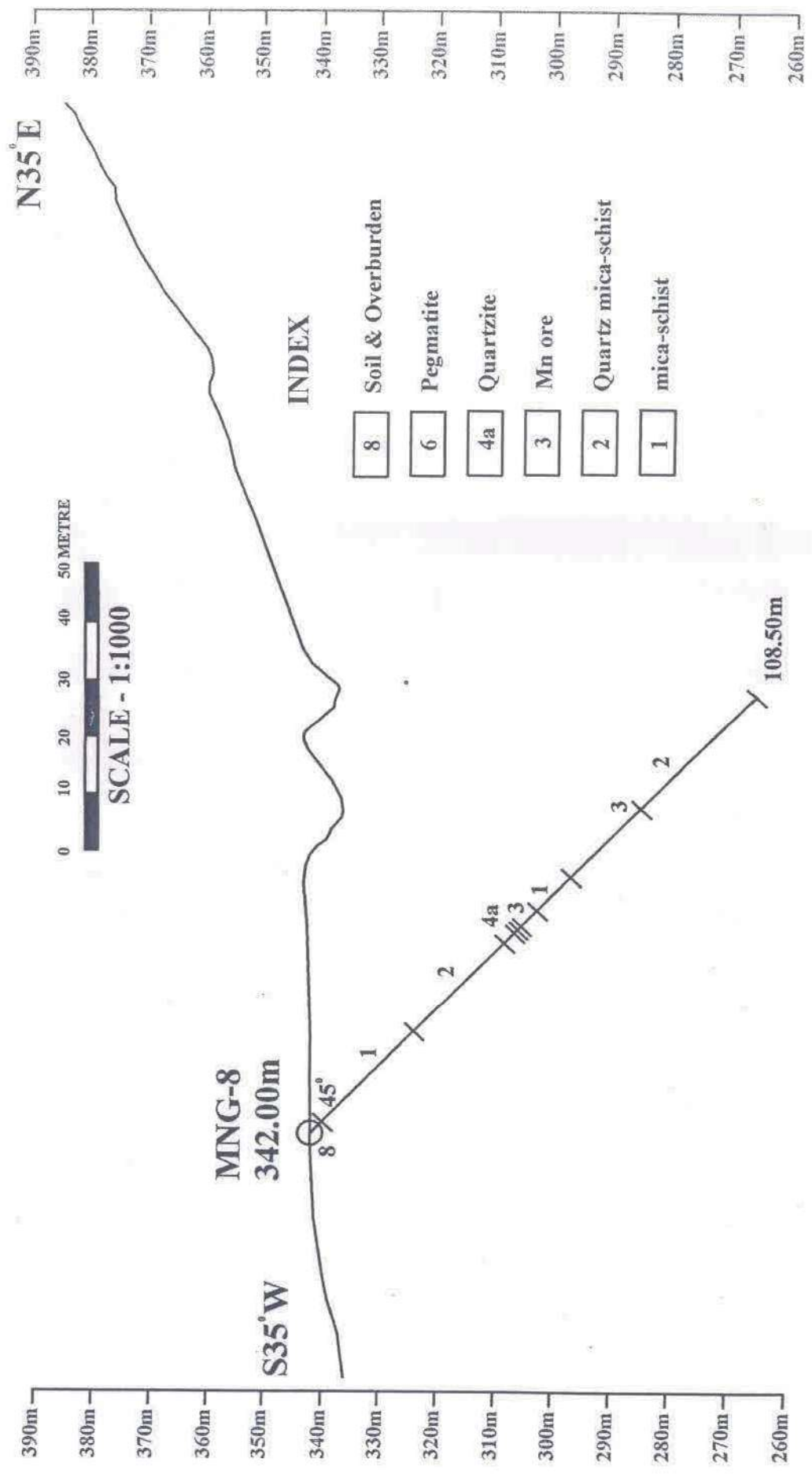
Mapped by - S.N. Meshram, Geologist (Sr.)
F.S.1999-2000

EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL, NAGPUR DISTRICT, MAHARASHTRA GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-7

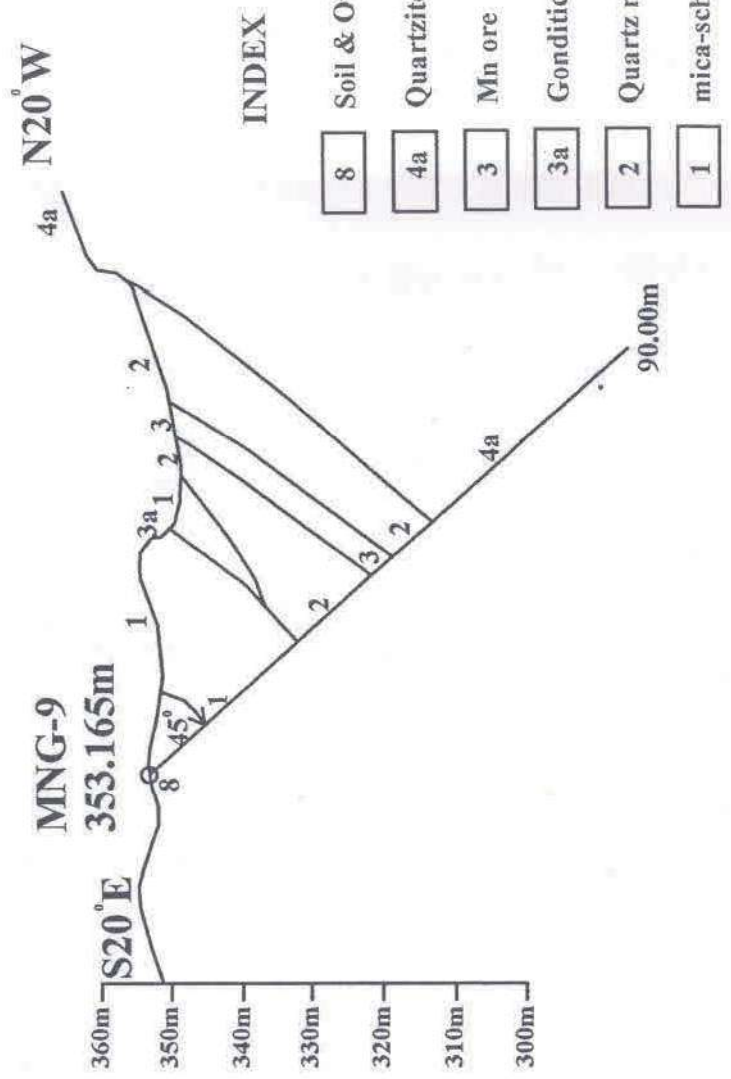


Mapped by - S.N. Meshram, Geologist (Sr.)
F.S. 1999-2000

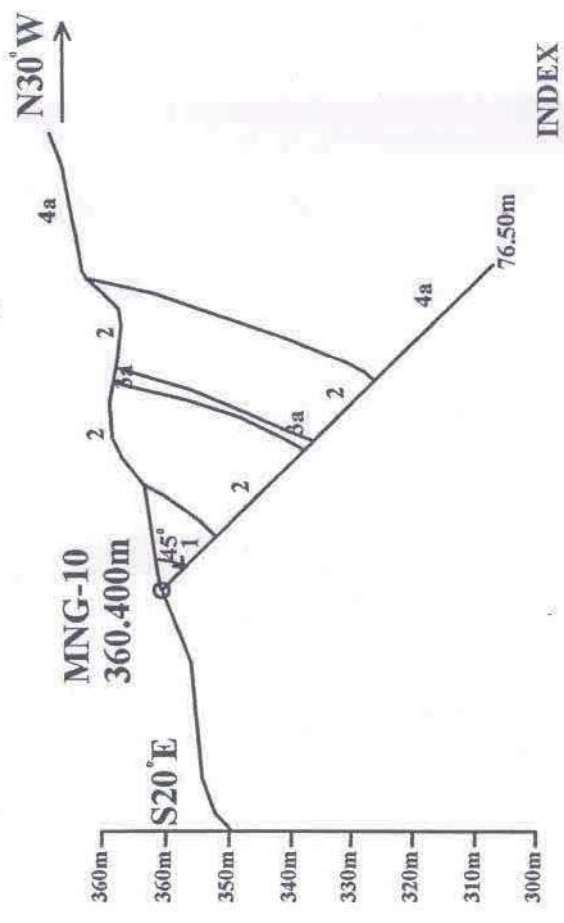
EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL,
NAGPUR DISTRICT, MAHARASHTRA
GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-8



EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL,
NAGPUR DISTRICT, MAHARASHTRA
GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-9



EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL,
NAGPUR DISTRICT, MAHARASHTRA
GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-10



INDEX

- 8 Soil & Overburden
- 4a Quartzite micaceous
- 3a Gonditic Mn ore
- 2 Quartz mica-schist
- 1 mica-schist (Garnetiferous)

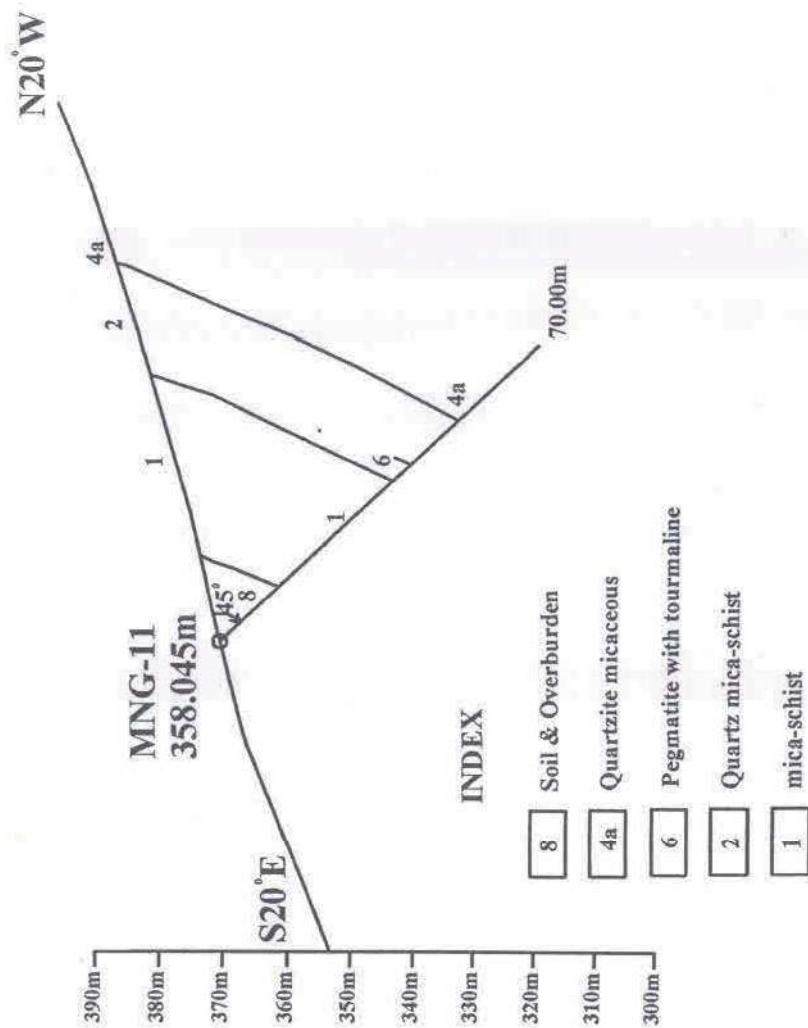
Mapped by - M. Chandradas, Geologist (Jr.)
F.S. 1999-2000

EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL,
NAGPUR DISTRICT, MAHARASHTRA
GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-11

0 10 20 30 40 50 METRE



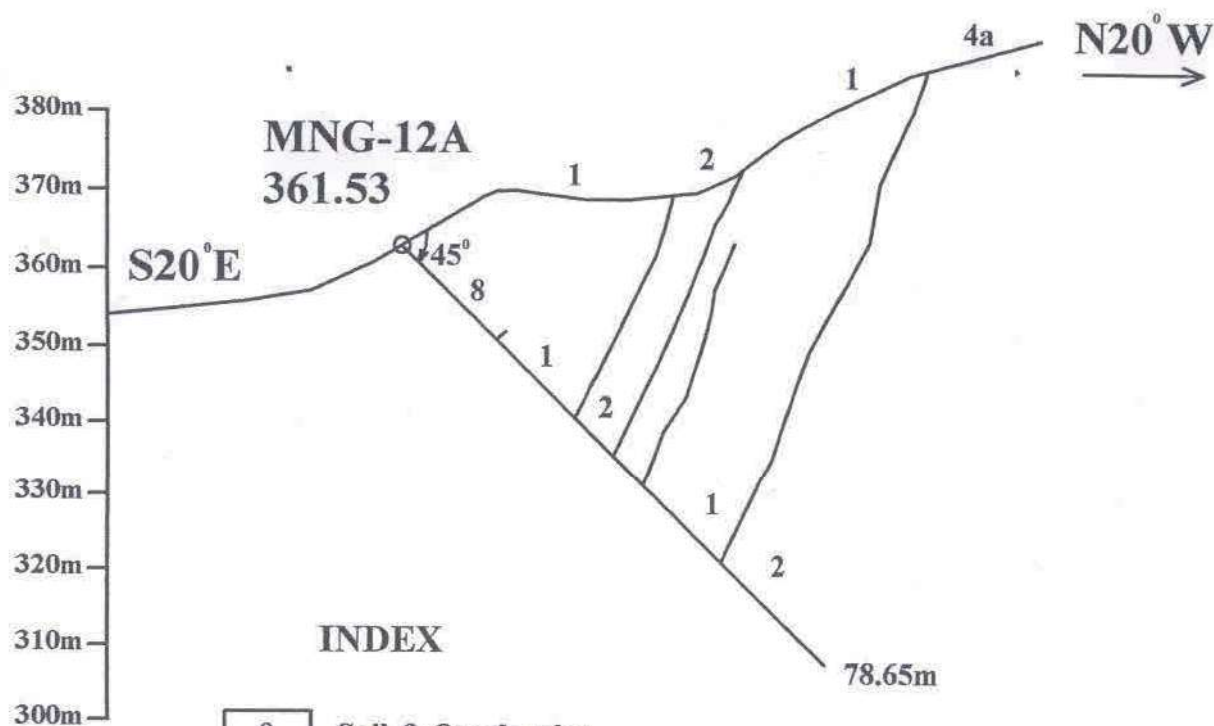
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**EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL,
NAGPUR DISTRICT, MAHARASHTRA
GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-12A**

0 10 20 30 40 50 METRE

SCALE - 1:2000



INDEX

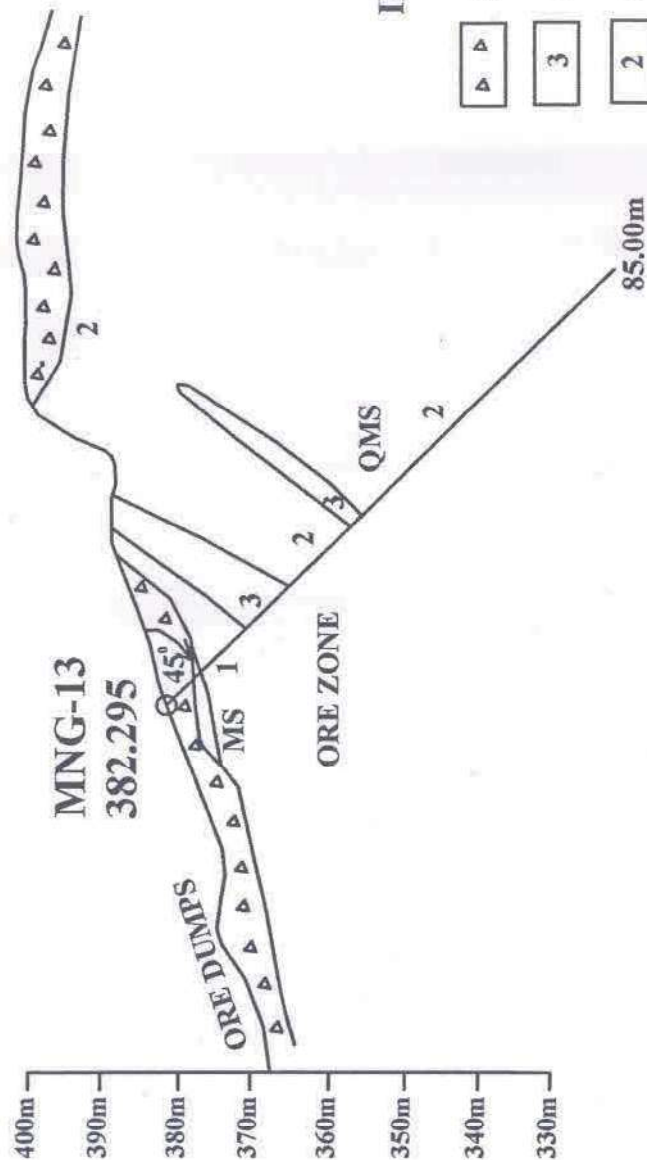
- | | |
|----|-----------------------------|
| 8 | Soil & Overburden |
| 4a | Quartzite micaceous |
| 3 | Mn ore |
| 2 | Quartz mica-schist |
| 1 | mica-schist (Garnetiferous) |

Mapped by - M. Chandradas, Geologist (Jr.)
F.S.1999-2000

EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL,
NAGPUR DISTRICT, MAHARASHTRA
GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-13

0 10 20 30 40 50 METRE

SCALE - 1:1000

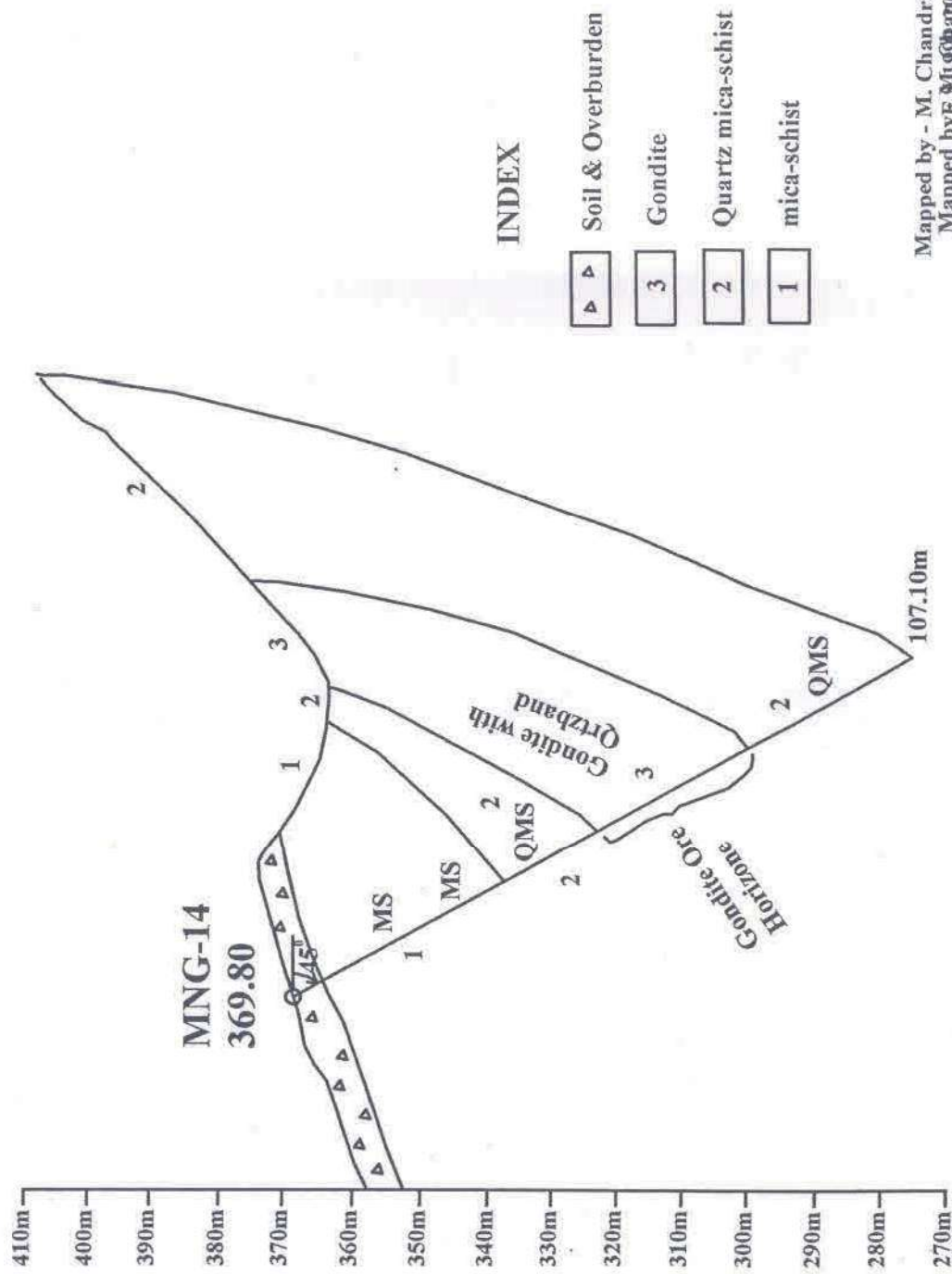


INDEX

- ▲ Soil & Overburden / ore dumps
- 3 Gonditic Mn. ore
- 2 Quartz mica-schist
- 1 mica-schist

EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL,
NAGPUR DISTRICT, MAHARASHTRA
GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-14

0 10 20 30 40 50 METRE
SCALE - 1:1000



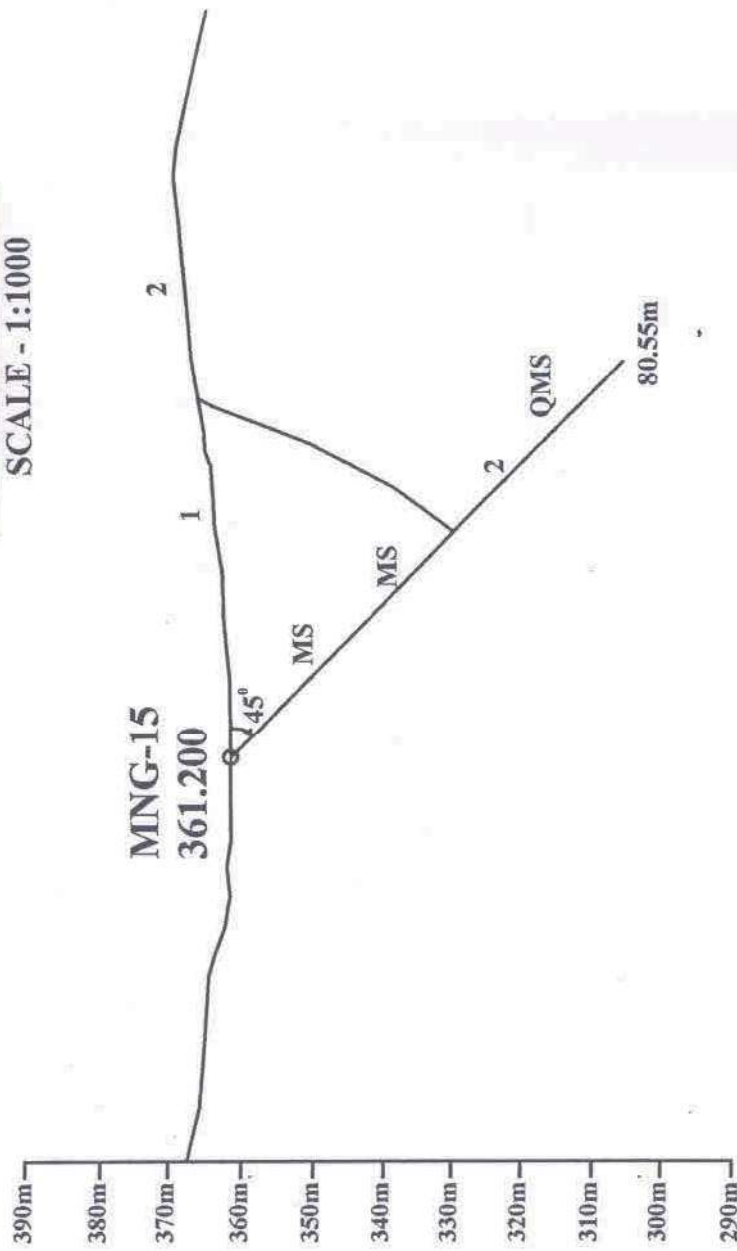
INDEX

▲ ▲	Soil & Overburden
3	Gondite
2	Quartz mica-schist
1	mica-schist

Mapped by - M. Chandradas, Geologist (Jr.)
Mapped by F.S. 1999-2000
F.S. 1999-2000

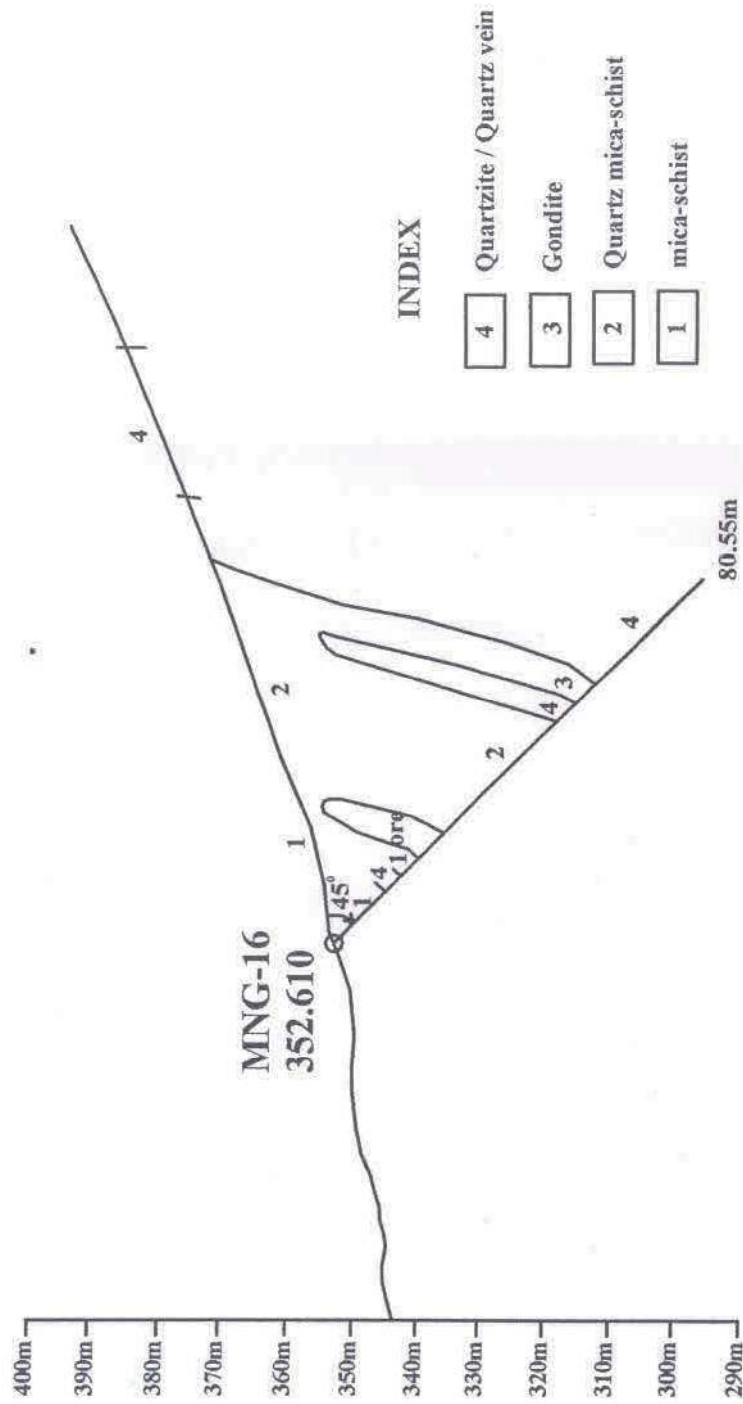
EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL,
NAGPUR DISTRICT, MAHARASHTRA
GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-15

0 10 20 30 40 50 METRE
SCALE - 1:1000



EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL,
NAGPUR DISTRICT, MAHARASHTRA
GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-16

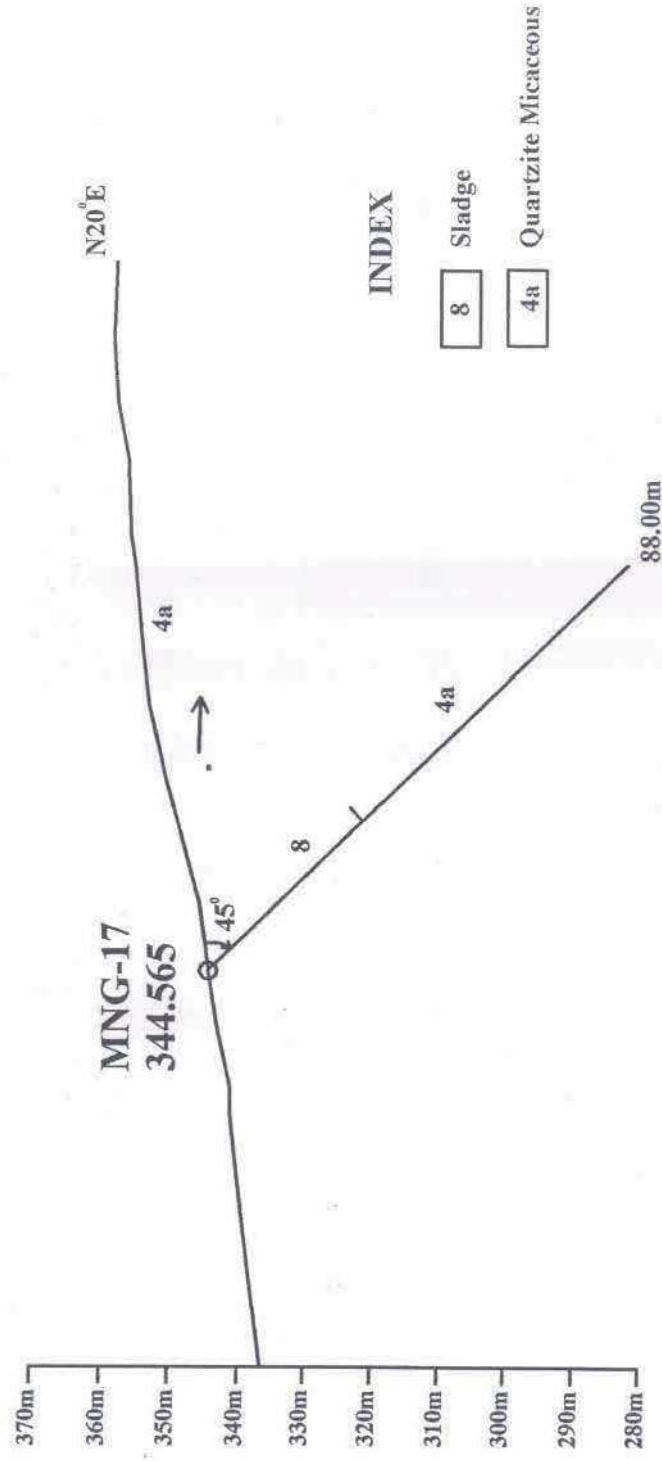
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SCALE - 1:1000



**EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL,
NAGPUR DISTRICT, MAHARASHTRA
GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-17**

0 10 20 30 40 50 METRE

SCALE - 1:1000



INDEX

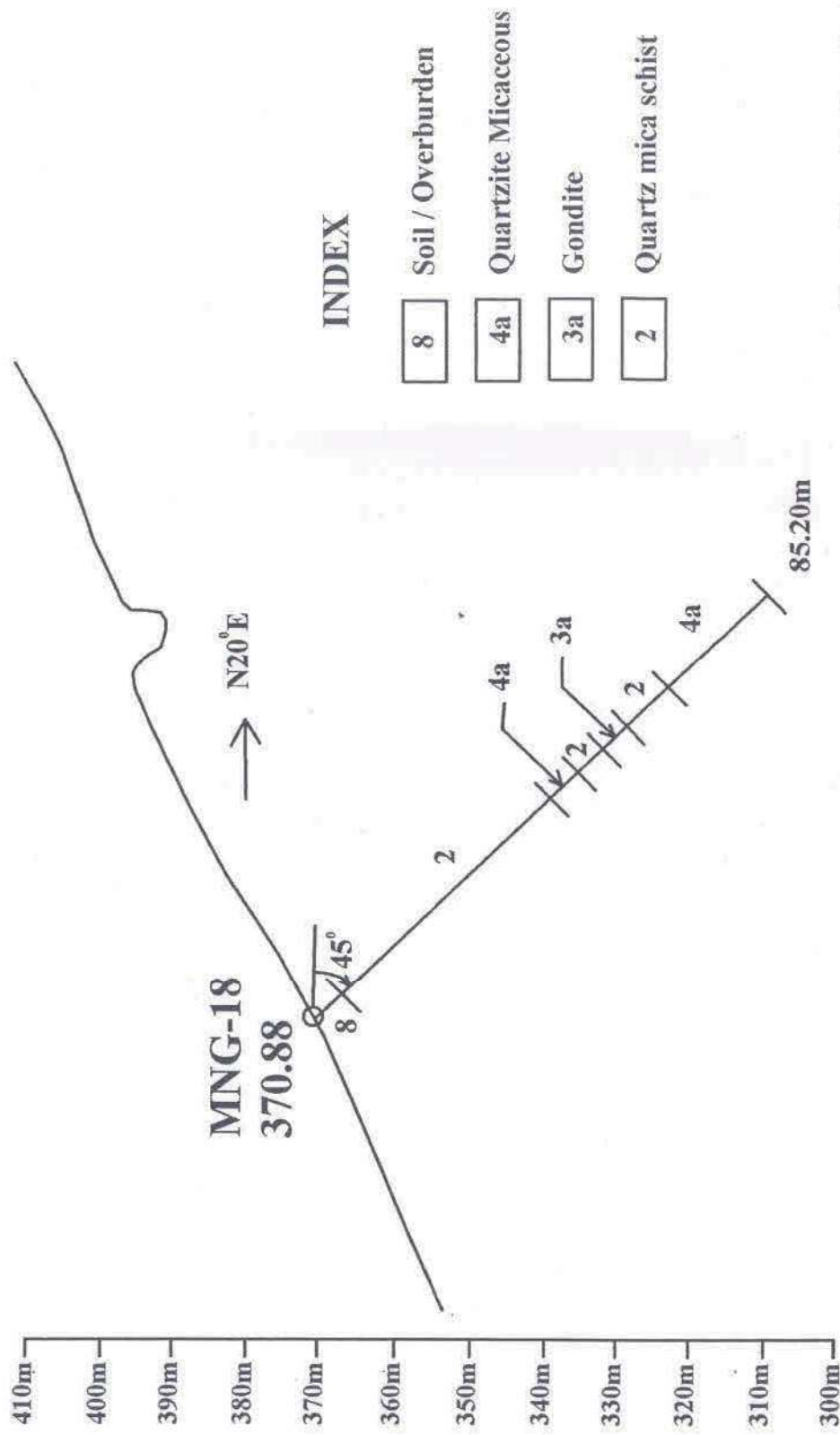
- | | |
|--|------------------------|
| | 8 Sludge |
| | 4a Quartzite Micaceous |

EXPLORATION FOR Mn ORE IN GUGULDOH BLOCK, RAMTEK TAHSIL,
NAGPUR DISTRICT, MAHARASHTRA
GEOLOGICAL CROSS - SECTION ALONG BOREHOLE No. MNG-18

0 10 20 30 40 50 METRE



SCALE - 1:1000



Annexure 5**SUMMARISED LITHOLOG OF MNG-1**

BORE HOLE NO:	MNG-1
R.L AT COLLAR:	347.5m
ANGLE:	45
BEARING:	DUE NORTH
DATE OF COMMENCEMENT:	15-11-1999
DATE OF COMPLETION:	24-12 1999
TOTAL DEPTH DRILLED:	125.00m

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	2.50	Soil + overburden
2.50	3.00	White quartz vein
3.00	36.00	Crenulated mica schist
36.00	36.4	Manganiferous- quartzite
36.40	36.90	Pegmatite
36.90	40.57	Quartz mica schist
40.97	42.30	Pegmatite
42.30	42.95	Quartzite
42.95	43.16	Pegmatite
43.16	53.00	Quartz mica schist
53.00	57.85	Crenulated mica schist
57.85	58.75	Quartz mica schist
58.75	61.89	Manganiferous quartzite
61.89	64.00	Quartz mica schist
64.00	67.65	Crenulated mica schist
67.63	94.86	Quartz mica schist
94.86	125.00	Quartzite micaceous

SUMMARISED LITHOLOG OF MNG-2

BORE HOLE NO:	MNG-2
R.L AT COLLAR:	344.2M
ANGLE:	45
BEARING:	DUE NORTH
DATE OF COMMENCEMENT:	15-1-2000
DATE OF COMPLETION:	12-2- 2000
TOTAL DEPTH DRILLED:	79.50M
LOCATION	W _{20.1} N _{3.6}

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	3.00	Soil + overburden
3.00	24.00	Garnetiferous mica schist
24.00	24.70	Quartz vein white
24.70	38.35	Crenulated garnetiferous mica schist
38.35	38.97	Mn ore - Gondite
38.97	39.59	Quartzite
39.59	40.05	Gonditic quartzitic Mn Ore
40.05	41.00	Mn Ore

410.00	70.42	Quartz mica schist
70.42	71.53	White pegmatite
71.53	73.53	Quartz mica schist
73.53	79.50	Quartzite
-----BOREHOLE ABANDONED-----		

SUMMARISED LITHOLOG OF MNG-3

BORE HOLE NO:	MNG-3
R.L AT COLLAR:	353.8m
ANGLE:	45
BEARING:	DUE NORTH
DATE OF COMMENCEMENT:	24-2-2000
DATE OF COMPLETION:	21-3- 2000
TOTAL DEPTH DRILLED:	80.25m
LOCATION	W ₁₀ N ₁₅₋₄

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	10.20	Soil + overburden
10.20	27.05	Quartz mica schist
27.05	29.30	Mica schist
29.30	32.30	Quartz mica schist
32.30	33.85	Quartzite
33.85	35.26	Mn ferrous quartzite
35.26	37.95	Mica schist
37.95	40.21	Gondite
40.21	40.40	Mn ore
40.40	41.41	Gondite
41.41	46.04	Mica schist
46.04	73.98	Quartz mica schist
73.98	77.25	White pegmatite
77.25	80.25	Quartzite

SUMMARISED LITHOLOG OF MNG-4

BORE HOLE NO:	MNG 4
R.L AT COLLAR:	363.22m
ANGLE:	45
BEARING:	DUE NORTH
DATE OF COMMENCEMENT:	6-4-2000
DATE OF COMPLETION:	3-5- 2000
TOTAL DEPTH DRILLED:	80.50m
LOCATION	W ₃₀ N ₁₆₋₂

FRO M (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	5.00	Soil + overburden
5.00	17.80	Quartz mica schist
17.80	18.00	White quartz vein
18.00	20.35	Quartz mica schist
20.35	22.90	Mn ore
22.90	32.25	Mica schist

32.25	33.41	Quartz mica schist
33.41	36.20	White pegmatite
36.20	43.25	Mica schist
43.25	43.50	White quartz vein
43.50	47.95	Quartz mica schist
47.95	48.77	White pegmatite
48.77	63.20	Quartz mica schist
63.20	69.50	Quartzite
69.50	69.95	Pegmatite
69.95	76.27	Quartz mica schist
76.27	80.50	Quartzite

SUMMARISED LITHOLOG OF MNG-5

BORE HOLE NO:	MNG-5
R.L AT COLLAR:	361.5m
ANGLE:	45
BEARING:	DUE NORTH
DATE OF COMMENCEMENT:	15-5-2000
DATE OF COMPLETION:	22-6- 2000
TOTAL DEPTH DRILLED:	100.00m
LOCATION	W ₅₀ N ₂₈₋₂

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	7.00	Soil + overburden
7.00	12.00	Quartz mica schist
12.00	18.62	Mica schist
18.62	18.82	Mn-ferrous quartzite
18.82	51.43	Quartz mica schist
51.43	51.60	Quartz vein
51.60	68.60	Quartz mica schist
68.60	77.40	Quartzite
77.40	86.10	Quartz mica schist
86.10	89.14	Quartzite
89.14	89.35	Pegmatite
89.35	90.80	Quartzite
90.80	98.77	Quartz mica schist
98.77	99.75	Quartzite
99.75	100.00	Pegmatite

SUMMARISED LITHOLOG OF MNG-6

R.L AT COLLAR:	348.20m
ANGLE:	45
BEARING:	DUE NORTH
DATE OF COMMENCEMENT:	1-7-2000
DATE OF COMPLETION:	8-8- 2000
TOTAL DEPTH DRILLED:	100.00m
LOCATION	W ₅₀ N ₂₀

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	2.25	Overburden
2.25	44.50	Quartz mica schist
44.50	46.10	Mn ore
46.10	46.98	Quartz mica schist

46.98	48.96	Mn ore
48.96	49.64	Quartz mica schist
49.64	50.63	Mn ore
50.63	52.75	Quartz mica schist
52.75	57.64	Mn ore
57.64	66.35	Quartz mica schist
66.35	66.41	Pegmatite
66.41	66.60	Quartz mica schist
66.60	66.72	Pegmatite
66.72	82.80	Quartz mica schist
82.80	90.90	Quartzite micaceous
90.90	91.75	Pegmatite
91.75	100.00	Quartz mica schist

SUMMARISED LITHOLOG OF MNG-7

BORE HOLE NO:	MNG-7
R.L AT COLLAR:	341.02m
ANGLE:	45
BEARING:	DUE NORTH
DATE OF COMMENCEMENT:	22-8-2000
DATE OF COMPLETION:	8-9- 2000
TOTAL DEPTH DRILLED:	75.15m
LOCATION	W ₃₀ N ₀

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	15.35	Overburden
15.35	31.59	Micaceous quartzite
31.59	48.75	Quartz mica schist
48.75	54.75	Gondite
54.75	60.63	Mica schist
60.63	62.00	Pegmatite
62.00	75.15	Mica schist

SUMMARISED LITHOLOG OF MNG-8

BORE HOLE NO:	MNG-8
R.L AT COLLAR:	342.00m
ANGLE:	45 ⁰
BEARING:	N35 ⁰ E
DATE OF COMMENCEMENT:	
DATE OF COMPLETION:	
TOTAL DEPTH DRILLED:	108.50m
LOCATION	W ₄₀ N ₁₀

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	3.00	Soil and overburden
3.00	25.00	Mica schist
25.00	47.62	Quartz mica schist Mn ore
47.62	50.15	Quartzite micaceous
50.15	50.25	Pegmatite
50.25	51.55	Quartzite micaceous
51.55	55.25	Gondite
55.25	74.70	Mica schist
74.70	78.37	Quartz mica schist

78.37	80.25	Gondite
80.25	82.25	Quartz mica schist
82.25	102.20	Micaceous quartzite
102.20	108.50	Quartz mica schist

SUMMARISED LITHOLOG OF MNG-9

BORE HOLE NO:	MNG-9
R.L AT COLLAR:	353.165m
ANGLE:	45°
BEARING:	N20°W
DATE OF COMMENCEMENT:	18.10.00
DATE OF COMPLETION:	7.11.00
TOTAL DEPTH DRILLED:	90.00m
LOCATION:	E ₁₀ N ₁₀

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	21.80	Micaceous soil brown colour
21.80	26.00	Garnetiferous Mica schist crenulated
26.00	27.20	Gonditic Manganese ore with spessartite.
27.20	36.55	Quartz mica schist.
36.55	41.70	Mica schist.
41.70	45.30	Mn ore
45.30	52.40	Mica schist with some minor bands of manganese ore.
52.40	78.20	Gneiss
78.20	80.80	Highly foliated Quartz mica schist.
80.80	90.00	Quartz mica schist.

SUMMARISED LITHOLOG OF MNG-10

BORE HOLE NO:	MNG-10
R.L AT COLLAR:	360.400m
ANGLE:	45°
BEARING:	N20°W
DATE OF COMMENCEMENT:	17.11.2000
DATE OF COMPLETION:	7.12.2000
TOTAL DEPTH DRILLED:	76.50
LOCATION:	E _{18.2} N _{16.4}

FROM (m)	To (m)	LITHOLOGICAL DESCRIPTION
00.00	13.00	Ferruginous garnetiferous mica schist
13.00	33.50	Foliated quartz mica schist.
33.50	35.45	Gonditic Manganese ore.
35.45	49.65	Crenulated foliated mica schist.
49.65	61.60	Garnetiferous quartz mica schist with penecontemporaneous structure.
61.60	76.50	Quartz mica schist.

SUMMARISED LITHOLOG OF MNG-11

BORE HOLE NO: MNT-11
 R.L AT COLLAR: 358.045m
 ANGLE: 45°
 BEARING: N20W
 DATE OF COMMENCEMENT: 16-12-2000
 DATE OF COMPLETION: 6-1-2001
 TOTAL DEPTH DRILLED: 70.00m
 LOCATION: W_{27.6}N₂₀

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	21.90	Overburden
21.90	33.70	Micaceous quartzite
33.70	70.00	Quartz mica schist

SUMMARISED LITHOLOG OF MNG 12A

BORE HOLE NO: MNG-12A
 R.L AT COLLAR: 361.53m
 ANGLE: 45°
 BEARING: N20° W
 DATE OF COMMENCEMENT: 17.2.2001
 DATE OF COMPLETION: 9.3.2001
 TOTAL DEPTH DRILLED: 78.65m
 LOCATION: W_{57.6}N_{29.2}

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	21.80	Sludge and mica schist
21.80	32.80	Crenulated mica schist
32.80	38.10	Quartz mica schist, contact with Gondite towards bottom.
38.10	44.15	Gondite with Mn ore streaks and bands
44.15	58.10	Crenulated mica schist
58.10	78.65	Quartz mica schist

SUMMARISED LITHOLOG OF MNG-13

BORE HOLE NO: MNG-13
 R.L AT COLLAR: 382.295m
 ANGLE: 45°
 BEARING: N20° W
 DATE OF COMMENCEMENT: 23.3.2001
 DATE OF COMPLETION: 11.4.2001
 TOTAL DEPTH DRILLED: 85.00m
 LOCATION: W_{67.8}N_{35.7}

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	4.25	Soil and overburden
4.25	16.00	Ferruginous brown micaceous sludge
16.00	23.00	Quartzite with Mn ore streaks and bands
23.00	27.00	Sludge
27.00	44.95	Quartzite at places micaceous.
44.95	85.00	Quartz mica schist

SUMMARISED LITHOLOG OF MNG-14

BORE HOLE NO: MNG-14
 R.L AT COLLAR: 369.800m
 ANGLE: 60°
 BEARING: N20° W
 DATE OF COMMENCEMENT: 21.4.01
 DATE OF COMPLETION: 21.5.01
 TOTAL DEPTH DRILLED: 107.10m
 LOCATION: W₈₀N₃₅

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	6.50	Overburden mainly dumps
6.50	36.45	Mica schist
36.45	41.75	Sludge (mica schist)
41.75	53.80	Quartz mica schist
53.80	55.80	Quartzite with Mn ore streaks and bands
55.80	58.25	Gondite
58.25	80.35	Gondite with quartz bands
80.35	107.10	Crenulated quartz mica schist

SUMMARISED LITHOLOG OF MNG-15

R.L AT COLLAR: 361.200m
 ANGLE: 45°
 BEARING: N20° W
 DATE OF COMMENCEMENT: 1.06.01
 DATE OF COMPLETION: 15.06.01
 TOTAL DEPTH DRILLED: 80.55m
 LOCATION: W₉₀N₃₆₋₂

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	21.05	Sludge (crenulated mica schist)
21.05	31.60	Ferruginous garnetiferous mica schist
31.60	49.50	Crenulated mica schist
49.50	54.85	Micaceous quartzite
54.85	80.55	Quartz mica schist

SUMMARISED LITHOLOG OF BOREHOLEMNG16

R.L AT COLLAR: 352.610m
 ANGLE: 45°
 BEARING: N20° E
 DATE OF COMMENCEMENT: 20.06.01
 DATE OF COMPLETION: 29.06.01
 TOTAL DEPTH DRILLED: 80.55m
 LOCATION: W₅₀N₂₅₋₂

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION G
00.00	12.00	Sludge mica schist
12.00	15.00	Micaceous quartzite
15.00	18.00	Garnetiferous mica schist
18.00	24.00	Quartz vein
24.00	49.90	Garnetiferous Quartz mica schist
49.90	52.70	Micaceous quartzite
52.70	57.46	Manganiferous quartzite with Gondite band
57.46	80.55	Quartzite mica schist with quartzite band.

SUMMARISED LITHOLOG OF MNG-17

BORE HOLE NO: MNG-17
R.L AT COLLAR: 344.565m
ANGLE: 45°
BEARING: N20° E
DATE OF COMMENCEMENT: 06.07.01
DATE OF COMPLETION: 23.07.01
TOTAL DEPTH DRILLED: 88.00m
LOCATION: W₁₀₅N_{39.6}

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	33.40	Micaceous brown sludge with quart vein towards bottom
33.40	43.00	Ferruginous Quartz mica schist
43.00	88.00	Ferruginous Quartzite micaceous

SUMMARISED LITHOLOG OF MNG-18

BORE HOLE NO: MNG-18
R.L AT COLLAR: 370.880m
ANGLE: 45°
BEARING: N20° E
DATE OF COMMENCEMENT: 07.08.01
DATE OF COMPLETION: 05.10.01
TOTAL DEPTH DRILLED: 85.20m
LOCATION: W₁₂₀N₄₉

FROM (m)	TO (m)	LITHOLOGICAL DESCRIPTION
00.00	4.50	Sludge
4.50	12.60	Quartz mica schist garnetiferous (sludge)
12.60	44.10	Quartz mica schist
44.10	49.20	Quartzite (micaceous)
49.20	54.65	Quartz mica schist
54.64	58.40	Gondite
58.40	66.85	Quartz mica schist
66.85	85.20	Quartzite with mica