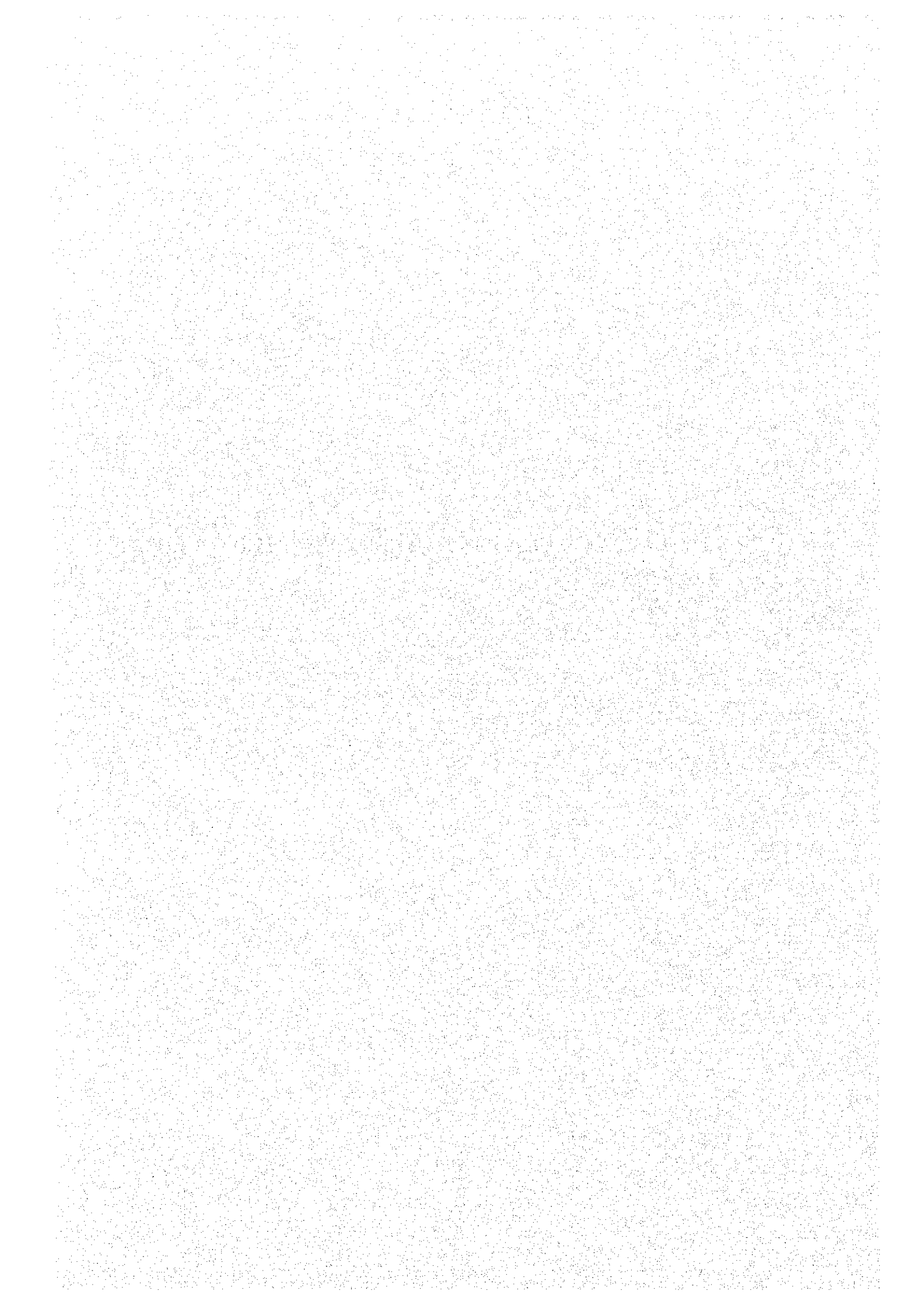


PART III CONCLUSIONS AND RECOMMENDATIONS



CHAPTER 1. CONCLUSIONS

This fiscal year is the last year of this project. We carried out geophysics and drilling in Ghuzayn, Zuha, Maqail and Salahi. The survey results can be summarized as conclusions as follows:

(1) Ghuzayn area

It has become clear that in Ghuzayn, mineralization can be found in a wide extent, but massive sulphide can be found distributed only in the central part of the investigated area. Through the drilling results carried out within the surroundings of ore body No. 3, it was found that the west part of the ore body presents bigger dimensions than in the east part and ore body extends continuously for about 300m from south to north. Preliminary results show that this orebody can be estimated in 8.6 million tons with an average grade of 1.5%.

(2) Zuha area

It can be considered that in Zuha area, the mineral showing in existing gossan presents almost same scale as the existing in Ghuzayn area, with abundant copper oxides in the surroundings. The TDIP survey detected high chargeabilities surrounding the favorable horizon around the north part of the gossan. However, clear low resistivities could not be detected in this part. To confirm the detected high chargeabilities, TEM survey was carried out by setting up several loops around the gossan but no TEM anomaly was found to show the existence of massive sulphide ore body. Drilling survey was carried out in the east part of the gossan in a place where high chargeability was detected, but it was found only predominant pyritization and alteration related to mineralization in V1-1 formation. It can be concluded that no massive sulphide can be found in this area.

(3) Maqail area

By the TDIP survey, high chargeability with low resistivity was found in 2 parts of the survey area. In one of them, it was found a clear TEM anomaly but the drilling survey intersected only silicification and pyritization within V1-1 and no massive sulphide was intersected.

(4) Salahi area

This area, which is located to the south of Zuha area, copper showings and alteration related to mineralization can be widely seen. Although high chargeability was detected in V1-1, no low resistivity anomaly was detected. Consequently, no massive sulphide is expected in this area.

CHAPTER 2 RECOMMENDATIONS

Based on the above results, and although mineralization was found in many places in South Batinah Coast area, it became clear that massive sulphide considered to be economically feasible is limited to the deposits discovered in Ghuzayn area. From the 3 ore bodies detected in Ghuzayn, a preliminary estimation of the reserve resulted in about 14 million tons. Therefore, to obtain an economical evaluation of the reserve it is recommended to carry out a more detailed investigation. However, since the orebody in Ghuzayn is rather deep and not accompanied by gold, it is expected to meet difficulties to develop this area in an independent manner. For an efficient mining development, it is recommended to carry out an economical evaluation together with Yanqul area.

REFERENCES

- 1) BECHENNEC F., BEURRIER M., RABU D. and HUTIN G.(1986): Geological map of BARKA,-Sheet NF 40-3B, scale 1:100,000: explanatory notes.
- 2) BECHENNEC F., ROGER J., MRTOUR J.L., WYNS R. and CHEVREL S.(1992): Geological map of IBRI,-Sheet NF 40-02, scale 1:250,000: explanatory notes.
- 3) BECHENNEC F., ROGER J., MRTOUR J.L. and WYNS R.(1992): Geological map of SEEB,-Sheet NF 40-03, scale 1:250,000: explanatory notes.
- 4) BEURRIER M., BECHENNEC F., RABU D. and HUTIN G.(1986): Geological map of AS SUWAYQ, -Sheet NF 40-3A, scale 1:100,000: explanatory notes.
- 5) BEURRIER M., BECHENNEC F., RABU D. and HUTIN G.(1986): Geological map of RUSTAQ, - Sheet NF 40-3A, scale 1:100,000: explanatory notes.
- 6) BISHIMETAL EXPLORATION CO LTD.(1987): Report on a copper exploration programme in the northern part of the Oman mountains: Volume I: General
- 7) BISHIMETAL EXPLORATION CO LTD.(1991): Report on geologic and geophysical surveys in the TAWI RAKAH area, Sultanate of Oman
- 8) BISHIMETAL EXPLORATION CO LTD.(1992): Geophysical study in the prospects of Lasail west and Aarja in Sohar area and Hayl As Safil in Rakah area, Sultanate of Oman: Final Report
- 9) BRGM(1994): Mineral occurrences catalogue, BRGM, 119 p..
- 10) Cooper, N. J. and Swift, R.(1994): Application of TEM to Cyprus-type massive sulfide exploration in Cyprus, [Geophysics], vol.59, No.2, 202-214 p..
- 11) HADDADIN M.A., SULAIMAN Z.K. and AL-FORI S.S.(1983): The Ghuzayn copper-iron prospect, re-evaluation, Khaburah district, Oman. M.P.M., Department of Minerals, 28 p..
- 12) ISLES D.J. and WITHAM W.J.A.(1993): Explanatory notes on the solid geological interpretation of AS SUWAYQ 1:100,000 sheet NF40-3A, World Geoscience Corporation, 15 p..
- 13) Interpex Limited(1993): TEMIX v3.0 User's Manual, Transient Electromagnetic Data Interpretation Software
- 14) ISLES D.J. and WITHAM W.J.A.(1993): Explanatory notes on the solid geological interpretation of BARKA 1:100,000 sheet NF40-3B, and part of NAKHL 1:100,000 sheet NF40-3E, World Geoscience Corporation, 13 p..
- 15) ISLES D.J. and WITHAM W.J.A.(1993): Explanatory notes on the solid geological interpretation of SIB 1:100,000 sheet NF40-3C, and part of FANJAY 1:100,000 sheet NF40-3F, World Geoscience Corporation, 11 p..
- 16) JEBRAK M., LETALENET J. and LESCUYER(1985): Detailed and semi-detailed exploration for copper and associated gold in the Daris, Mahab, Rakah, Ghuzayn, Wadi Andam, Washihi and Al Ajal Area, Interim report, BRGM, 52-57 p.

- 17) JICA and MMAJ(1990): Report on the mineral exploration in the Rakah area, Sultanate of Oman, Bishimetal Exploration Co. Ltd.
- 18) JICA and MMAJ(1996): Report on the cooperative mineral exploration in the central Batinah coast area, Sultanate of Oman.
- 19) JICA and MMAJ(1998): Report on the cooperative mineral exploration in the south Batinah coast area, Sultanate of Oman.
- 20) LESCUYER J.L. and DEGAY E.(1986): Detailed and semi-detailed exploration for copper and associated gold in the DARIS, MAHAB, RAKAH, SHINAS, GHUZAYN, WADI ANDAM, WASHIHI and AL AJAI areas: Final report, BRGM, 125 p.. 4 appendices.
- 21) LESCUYER J.L., VACHETTE C. and BEURRIER M.(1989): Selection of zones for additional copper reserves between SHINAS and AL KHABURAH, northern Oman mountains: Finalreport, BRGM, 245 p..
- 22) M.P.M.(1991): Summary of Cu prospects and recommendation for next programme M.P.M. of sultanate of Oman, 19 p..
- 23) M.P.M.(1995): GEOLOGY AMD MINERAL WEALTH OF THE SULTANATE OF OMAN
- 24) O.C.M.C.(1994): Daris-part 5: Geological ore reserves at Daris 3A-5 as on 28 September 1994, Oman Mining Company, 10 p..
- 25) RABU D., BECHENNEC F., BEURRIER M. and HUTIN G.(1986): Geological map of NAKHL, -Sheet NF 40-3E, scale 1:100,000: explanatory notes.
- 26) VILLEY M., BECHENNEC F., BEURRIER M., METOUR J. and RABU D.(1986): Geological map of YANQUL, -Sheet NF 40-2C, scale 1:100,000: explanatory notes.
- 27) World Geoscience Co.(1994): Report on ground geophysical surveys in the Sultanate of Oman, 5.4 Daris 3A-5 prospect, O.M.C.O., 15-21 p..
- 28) Webster, S.(1995):Discussion on The application of TEM to Cyprus-type massive sulfide exploration in Cyprus,Geophysics,vol.60,No.5, 1 p..

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Appendix 3	Drilling logs
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APPENDICES

Appendix 1

Drilling equipments and consumed materials

Drilling Equipment

	Rig-1	Rig-2	Rig-3
Model	RAMROD-II	VOL-180	N-18(f4L)
Maker	Joy Manufacturing Co. USA	Voltas Ltd. India	Acker Drill Co. USA
Mounting	Truck mounted 4WD	Truck mounted 4WD	Skid Mounted
Drilling capacity with NX size wire Line coring	450 m	650 m	400 m
Angle hole drilling capacity	Upto 60 deg.	Vertical only	Upto 60 deg.
Circulation pump	35 GPM 800 PSI	37 GPM 1000 PSI	35 GPM 800 PSI

Consumed material

Hole No.	MJOB-G40	MJOB-G41	MJOB-G42	MJOB-G43	MJOB-G44	MJOB-Z1	MJOB-M1
Bit: NW	1	1	1	1	1	1	1
Bit: NX	1	1	1	1	1	1	2
Bit: BX	-	-	-	-	-	-	-
Light Oil (l)	30	20	35	20	25	25	35
Mud (kg)	210	160	290	120	180	190	380
Cement (kg)	100	200	250	250	50	100	50

Hole No.	MJOB-M2	MJOB-M3
Bit: NW	1	1
Bit: NX	2	1
Bit: BX	-	-
Light Oil (l)	25	20
Mud (kg)	240	220
Cement (kg)	200	300

Appendix 2

Generalized drilling results and Progress record of drilling

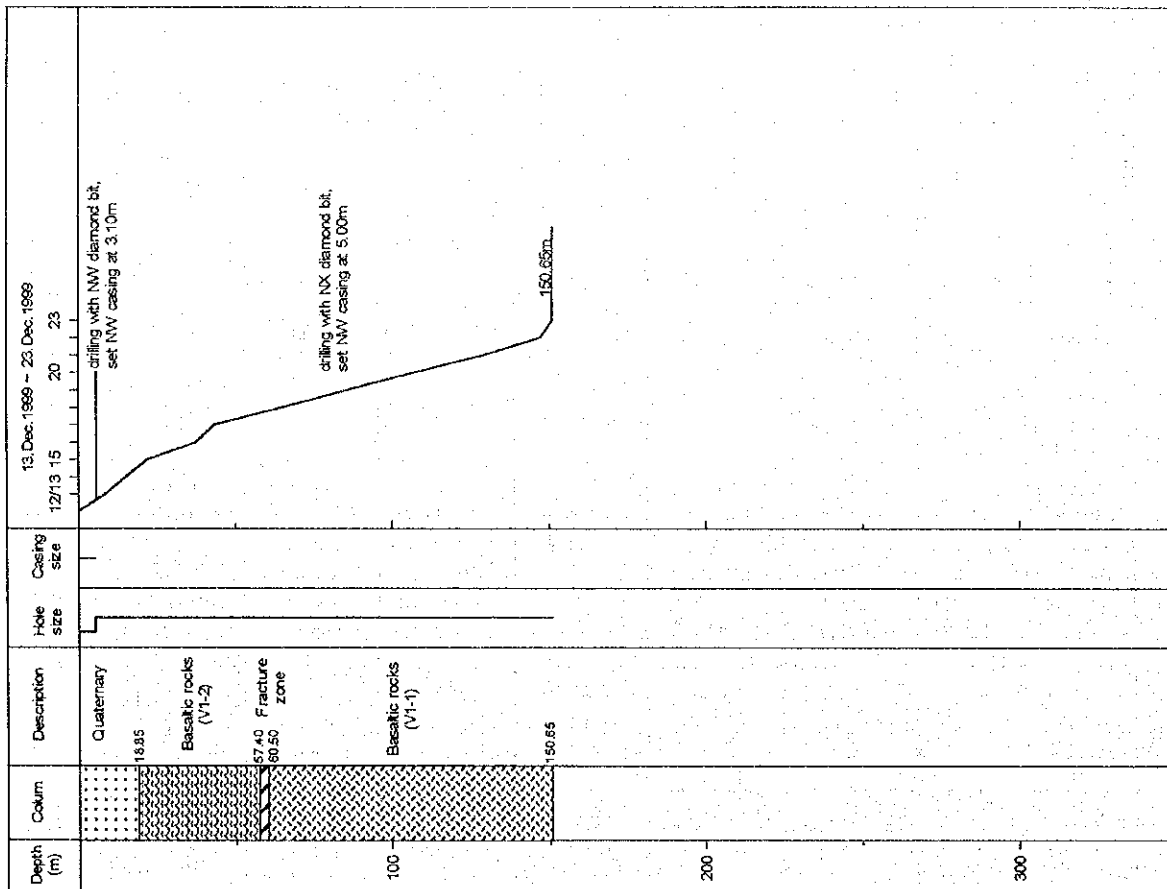
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Progress record of drilling

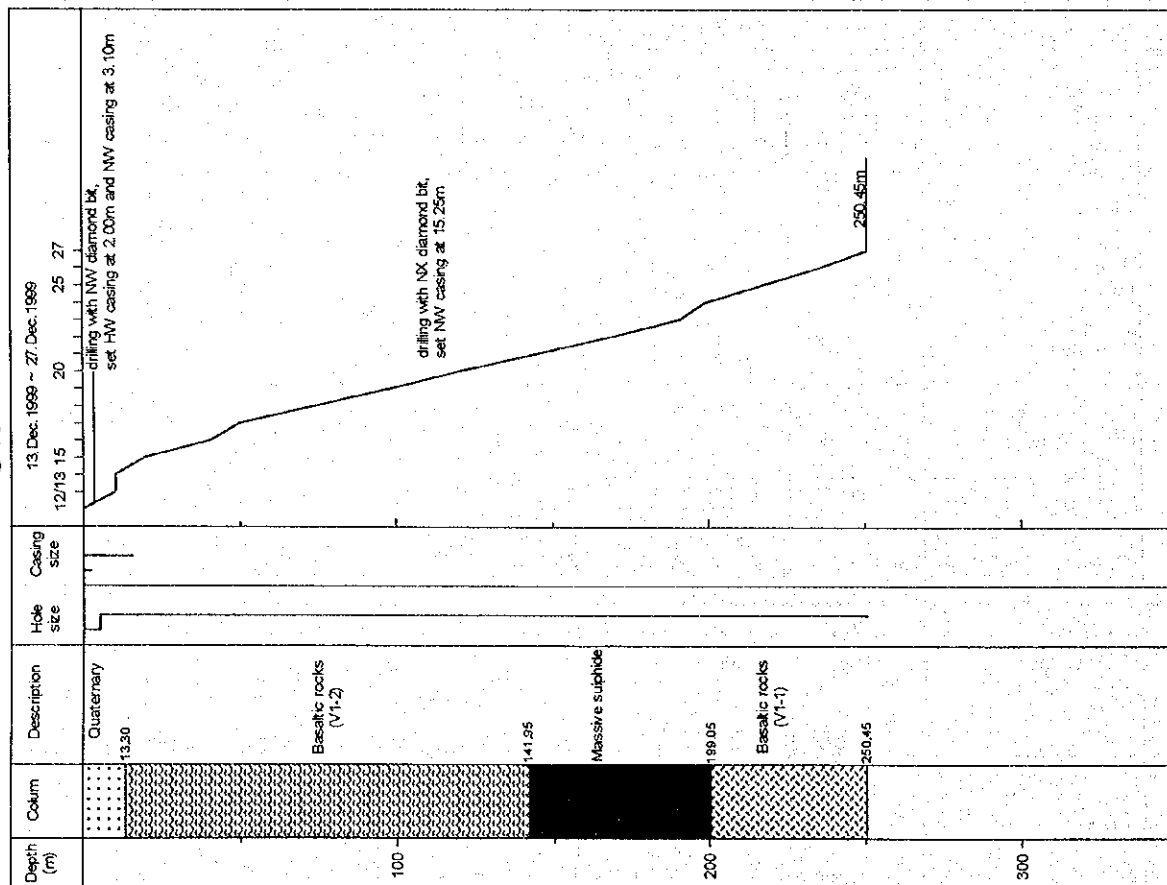
	Hole No.	MJOB-G40	MJOB-G41	MJOB-G42	MJOB-G43	MJOB-G44	MJOB-Z1	MJOB-M1
Drilling Period	Preparation Days (A)	12/12 1	12/12 1	12/24 1	12/28 0.5	1/10 1	1/25 1	2/2 1
	Drilling Days (B)	12/13 to 12/27 15	12/13 to 12/23 10.5	12/25 to 1/15 22	12/29 to 1/5 8	1/11 to 1/23 13	1/26 to 2/7 13	2/3 to 2/27 25
	Removing Days (C)	12/28 0.5	12/23 0.5	1/16 1	1/6 0.5	1/24 1	2/8 1	2/28 1
	Total days (D)	16.5	12	24	9	15	15	27
Depth	Planned depth (E)	250m	150m	300m	150m	300m	250m	330m
	Drilled depth (F)	250.45m	150.65m	301.80m	150.45m	300.15m	250.90m	330.00m
Recovery	Overburden (G)	13.30m	18.85m	5.50m	16.20m	9.10m	0.00m	2.75m
	Core length (H)	243.25m	144.95m	299.00m	142.95m	295.50m	250.15m	327.70m
	Recovery (H/F)	97%	96%	99%	95%	98%	100%	99%
Casing	HW casing	2.00m	0.00m	0.00m	3.00m	2.00m	0.00m	0.00m
	NW casing	15.25m	5.00m	6.10m	6.15m	15.25m	3.05m	3.00m
	NX casing	-	-	-	-	-	-	-
Rate	meter /day (F/B)	16.70m	14.35m	13.72m	18.81m	23.09m	19.30m	13.20m
	meter/ total day (F/D)	15.18m	12.55m	12.58m	16.72m	20.01m	16.73m	12.22m

	Hole No.	MJOB-M2	MJOB-M3
Drilling Period	Preparation Days (A)	2/9 1	2/25 1
	Drilling Days (B)	2/10 to 2/21 12	2/26 to 3/7 11
	Removing Days (C)	2/22 1	3/8 1
	Total days (D)	14	13
Depth	Planned depth (E)	200m	200m
	Drilled depth (F)	201.15m	200.25m
Recovery	Overburden (G)	1.80m	0.00m
	Core length (H)	201.10m	200.25m
	Recovery (H/F)	100%	100%
Casing	HW casing	0.00m	0.00m
	NW casing	3.00m	3.00m
	NX casing	-	-
Rate	meter /day (F/B)	16.76m	18.20m
	meter/ total day (F/D)	14.37m	15.40m

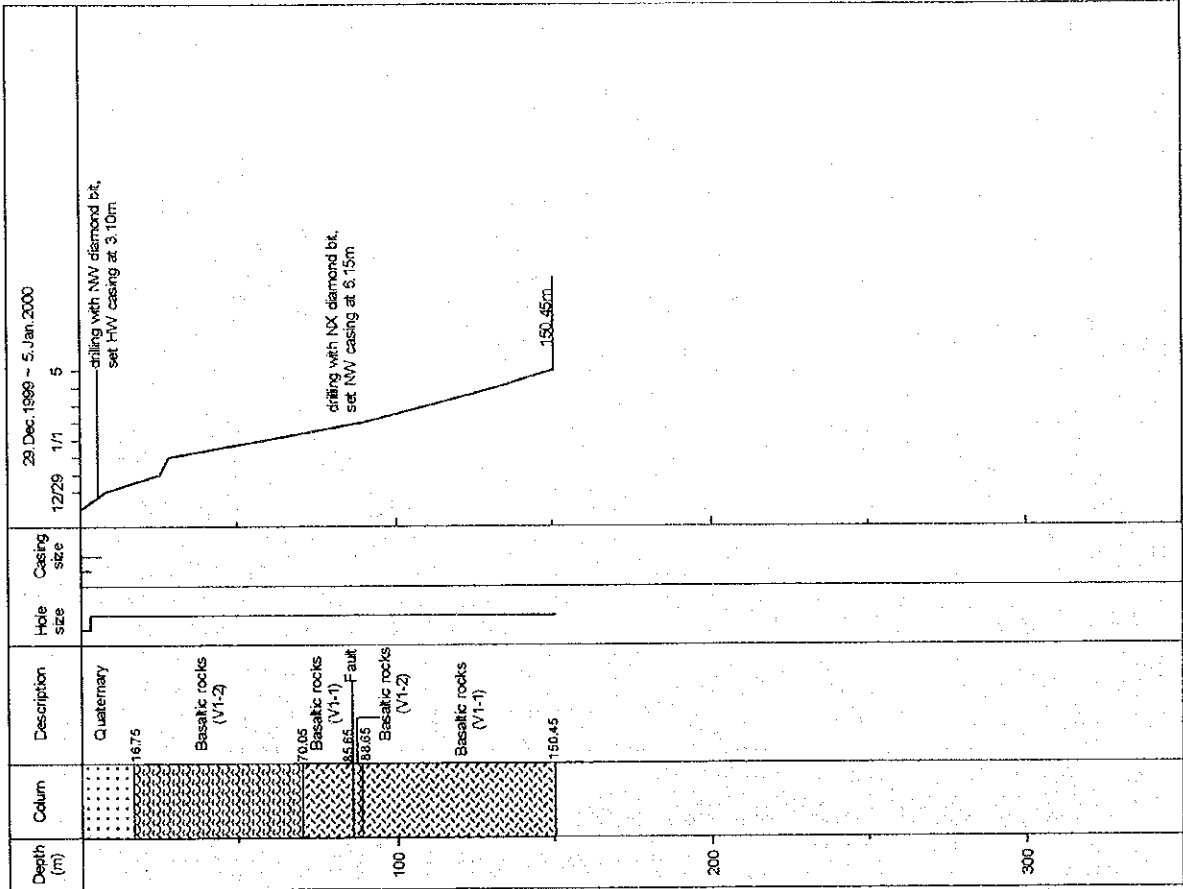
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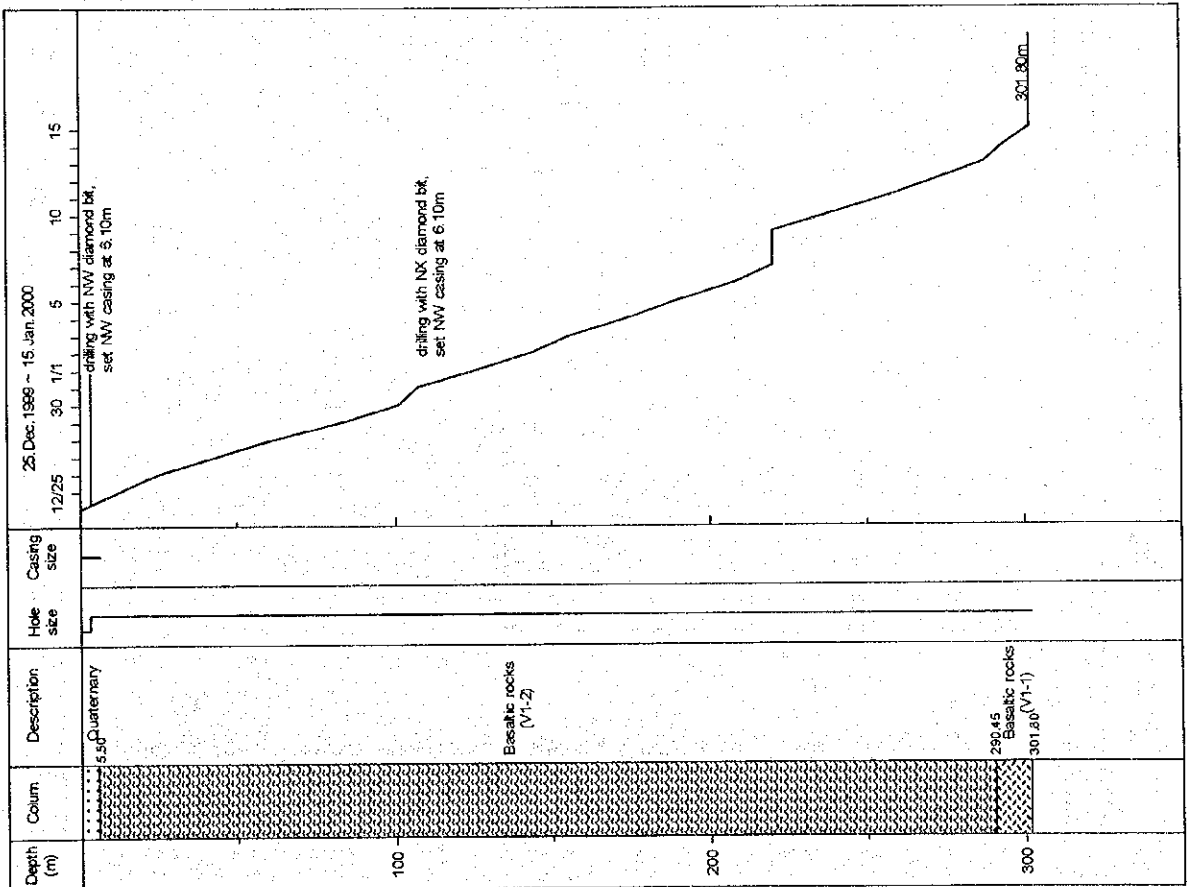
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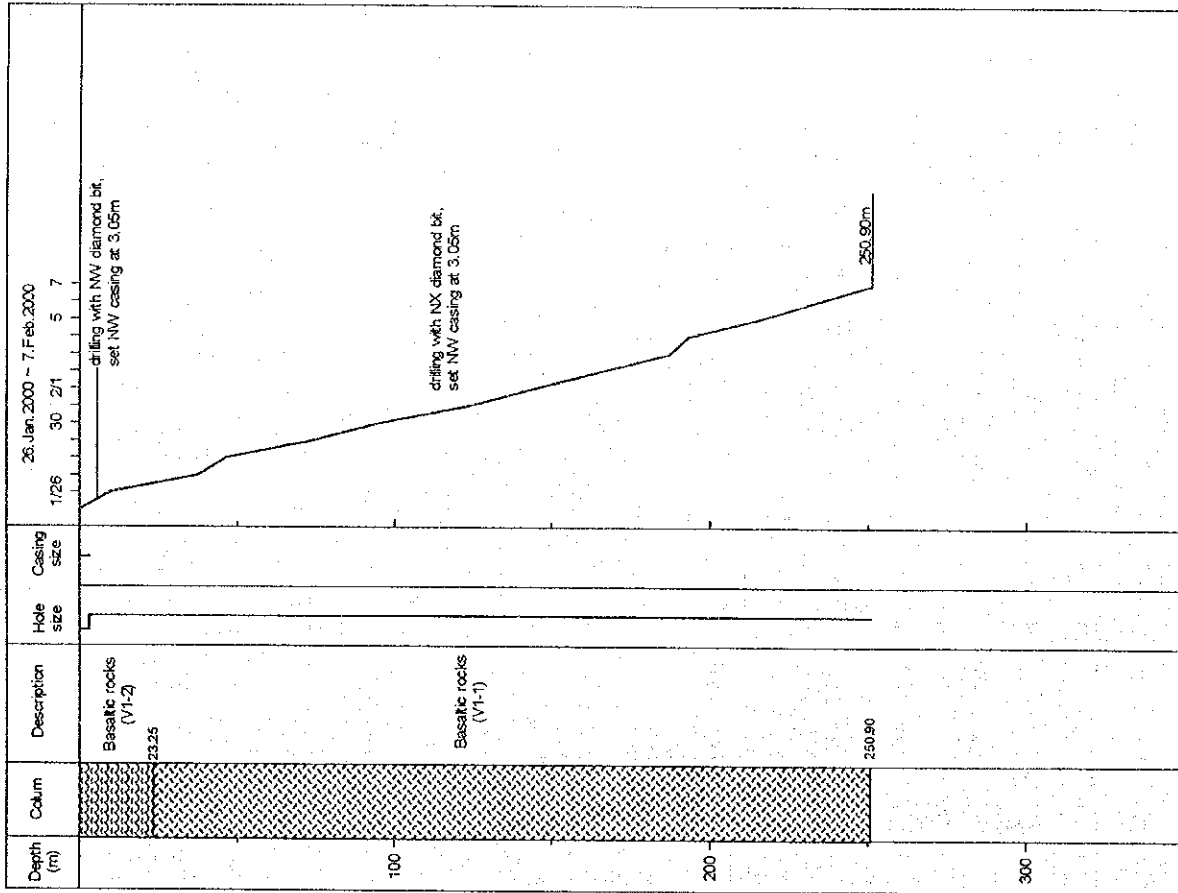
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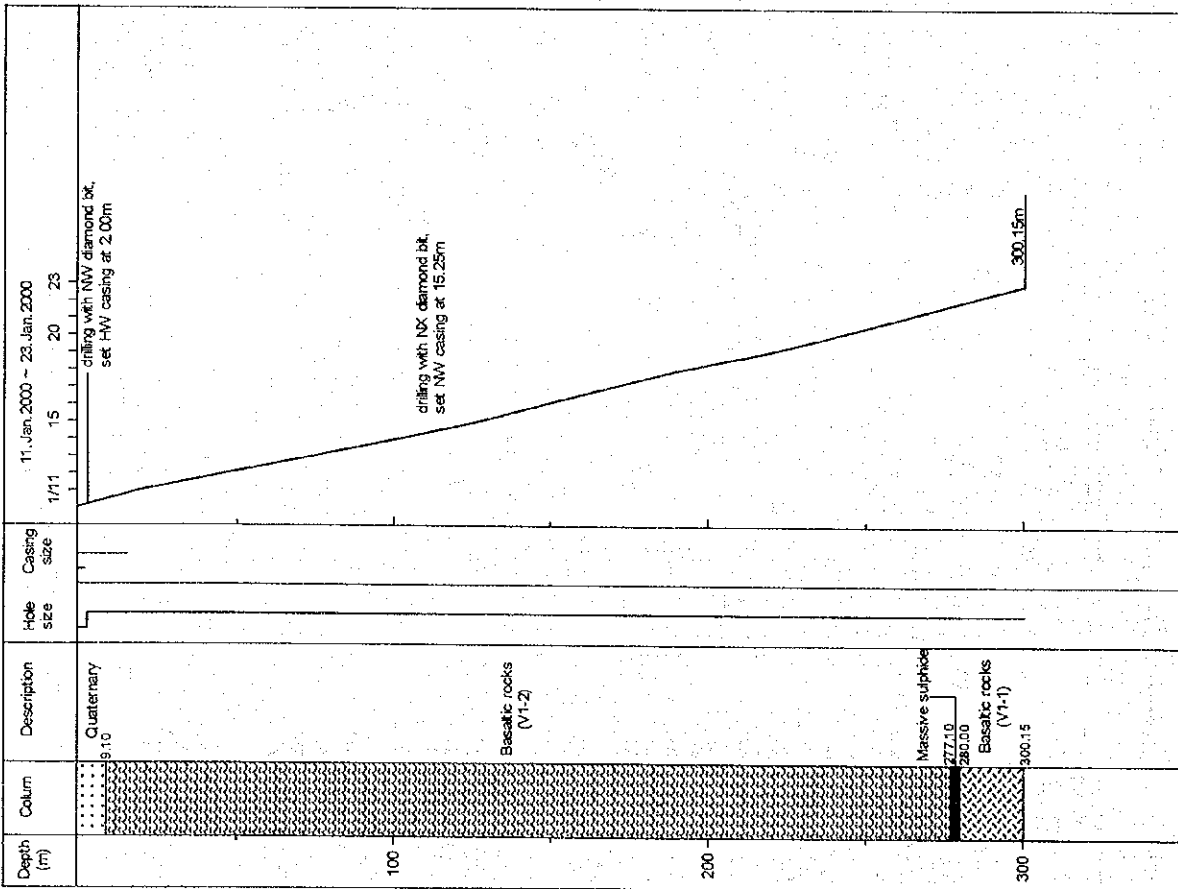
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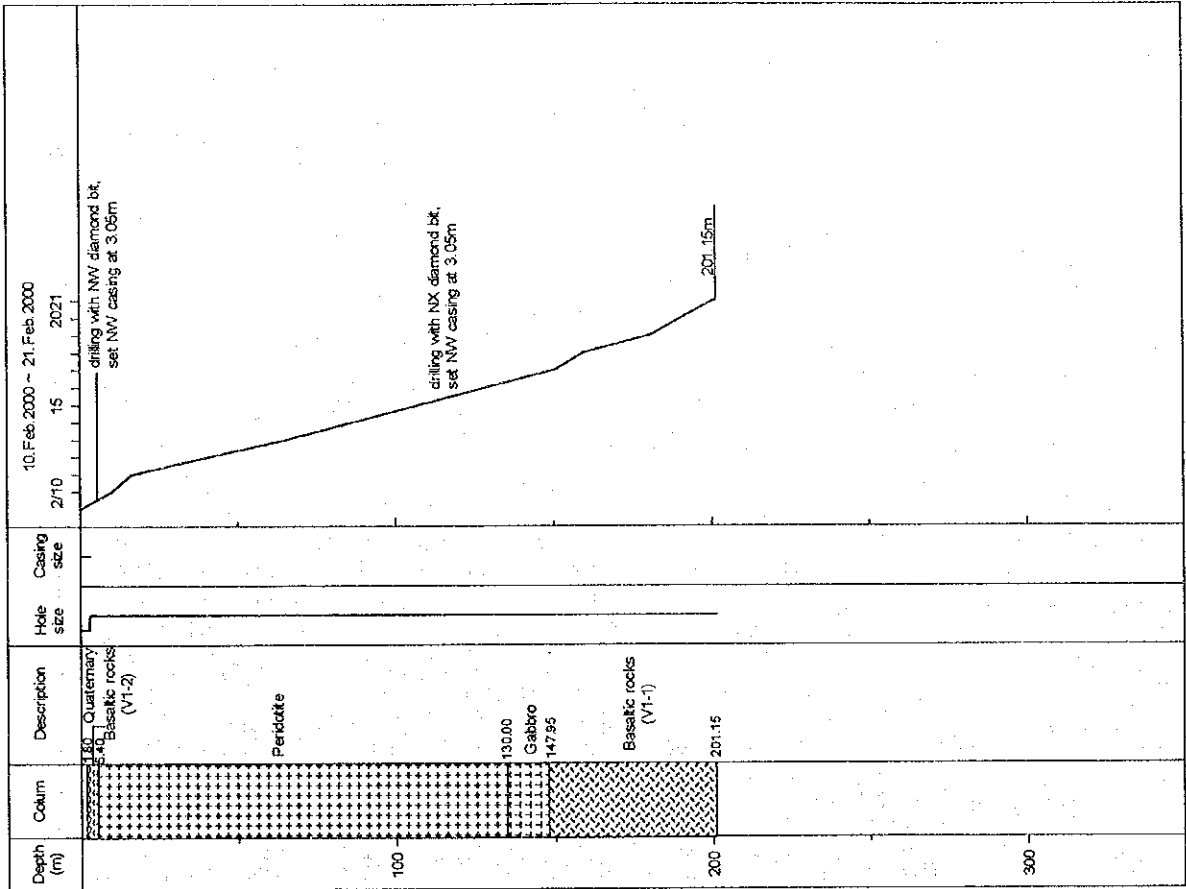
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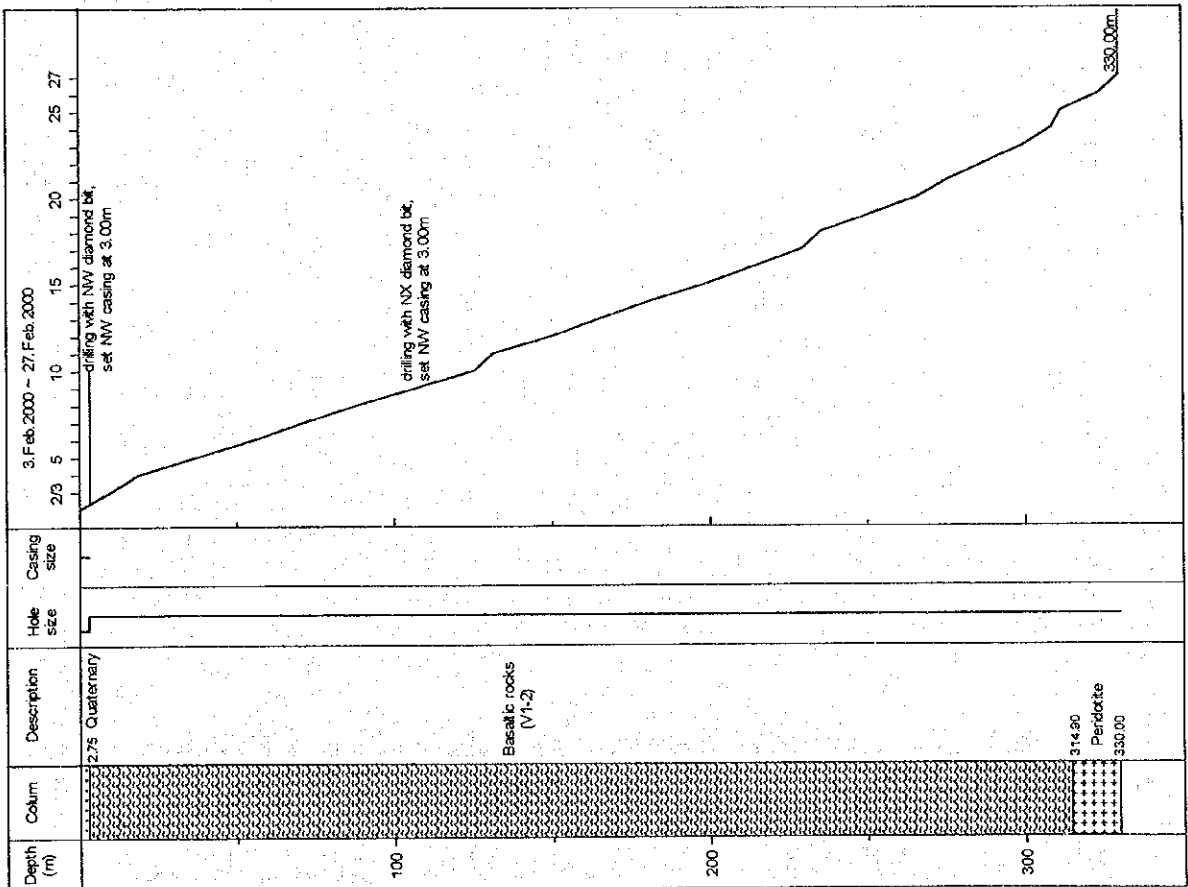
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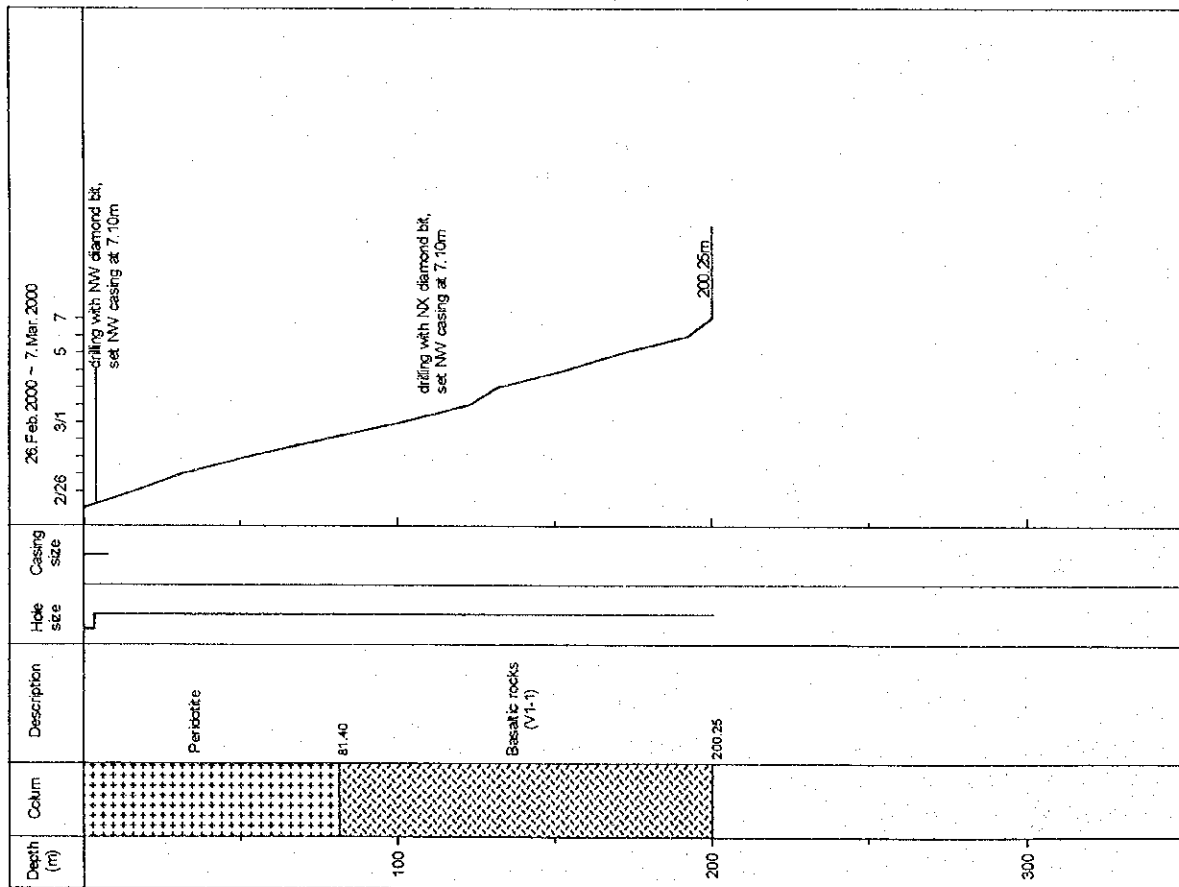
M2



M1

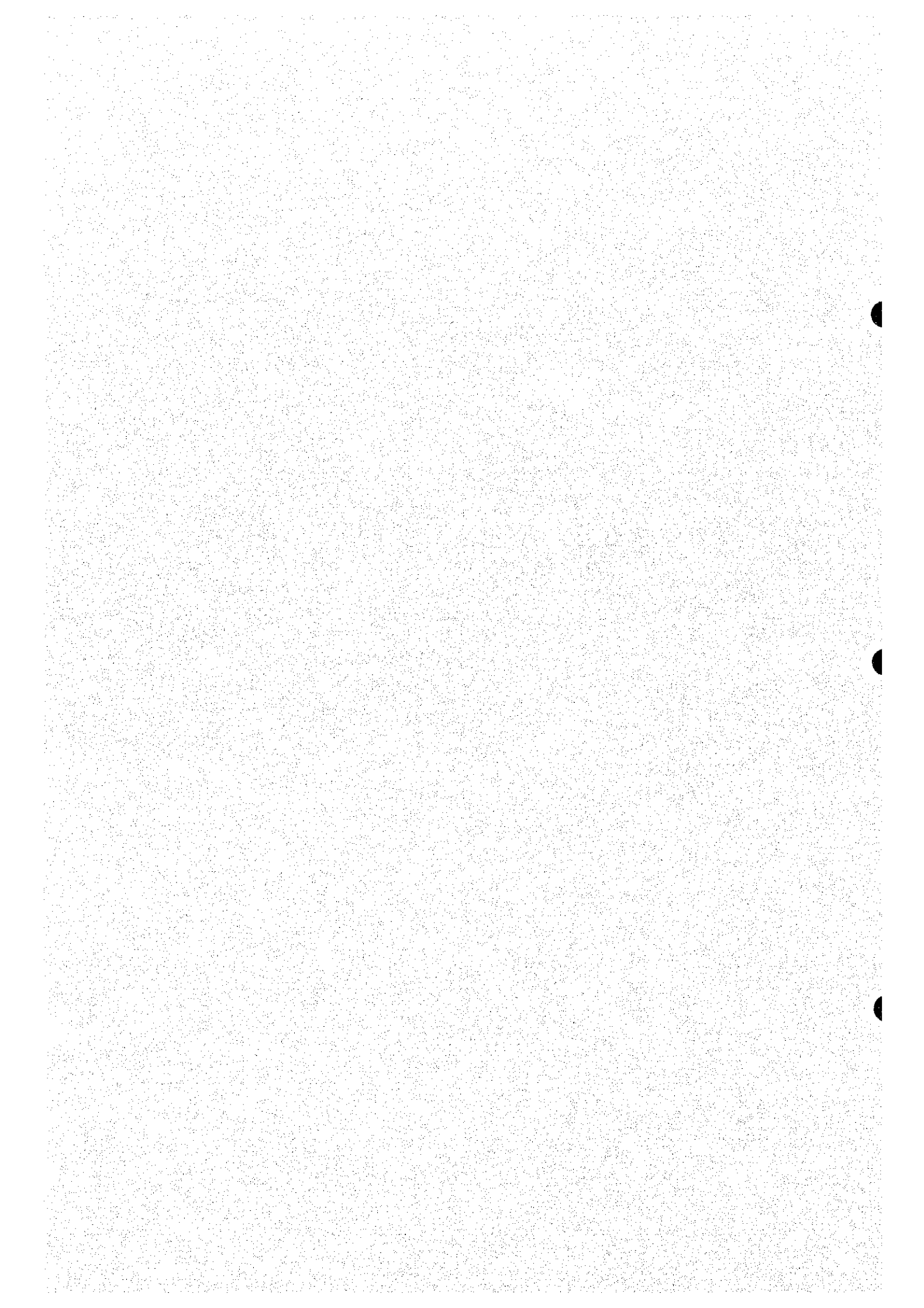


M3



Appendix 3

Drilling logs



Hole No. MJOB-G40 (From 0.00 m to -250.45 m)

DEPTH (m)	CHART	LITHOLOGY	Alteration							Mineralization							Sampling		Ore Assay				
			Silicification	Argillization	Quartz veinlets	Epidote veinlets	Epidote dissemi. veinlets	Calcite veinlets	Massive sulphide	Stockwork	Pyrite veinlets	Pyrite dissemi.	Chalcopyrite dissemi.	Chalcopyrite veinlets	Sphalerite dissemi.	Sphalerite veinlets	Magnetite	DEPTH (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)
-150		MASSIVE SULPHIDE: 148.15 to 151.55m DYKE: basalt.																150.55	1	<0.1	1.4	0.83	0.06
																		151.55	1	<0.1	1.3	0.47	0.06
																			2.2	<0.1	0.3	0.13	0.01
		MASSIVE SULPHIDE: 153.75 to 160.75m																153.75	1	<0.1	1.1	0.23	0.04
		154.05 to 154.90m with irregular narrow dike.																154.75	1	<0.1	1.3	1.18	0.05
		155.55 to 160.00m: high grade.																155.75	1	<0.1	1.7	2.91	0.04
																		156.75	1	0.10	2.7	6.13	0.04
																		157.75	1	0.10	3.2	6.00	0.07
-160		DYKE: basalt.																158.75	1	0.10	2.5	5.03	0.04
		MASSIVE SULPHIDE: 160.85 to 161.55m DYKE: basalt.																159.55	1	<0.1	2.1	2.46	0.06
		MASSIVE SULPHIDE: 161.80 to 162.30m DYKE: basalt.																160.75	0.8	0.10	2.3	1.42	0.04
		MASSIVE SULPHIDE:																161.55	1.05	0.10	1.5	0.50	0.04
																		162.60	1	0.10	2.6	1.00	0.05
																		163.60	1	0.10	2.3	1.60	0.03
																		164.60	1	0.20	2.3	1.39	0.03
																		165.60	1	0.10	1.4	0.63	0.02
																		166.60	1	0.10	1.4	0.73	0.03
																		167.60	1	0.20	2.1	1.43	0.07
																		168.60	1	0.10	2.1	1.23	0.07
-170																		169.60	1	0.10	2.0	1.14	0.05
		162.60 to 164.45m: high grade.																170.60	1	0.10	2.0	2.10	0.05
																		171.60	1	0.20	2.6	1.82	0.05
																		172.60	1	0.30	2.7	2.12	0.07
																		173.60	1	0.30	2.6	1.80	0.05
																		174.60	1	<0.1	2.2	1.66	0.07
																		175.60	1	0.30	2.5	1.97	0.07
																		176.60	1	0.10	1.7	1.24	0.06
																		177.60	1	0.10	1.5	0.67	0.04
																		178.60	1	0.10	1.4	0.91	0.05
-180																		179.60	1	<0.1	1.5	1.35	0.04
																		180.60	1	0.20	1.7	2.75	0.05
																		181.60	1	0.20	2.2	2.89	0.05
																		182.60	1	0.20	2.2	4.53	0.05
																		183.60	1	0.20	1.9	5.34	0.06
		MASSIVE SULPHIDE: 184.45 to 196.25m pyrite predominant																184.60	1	0.20	1.9	4.65	0.06
																		185.60	1	0.30	2.2	2.08	0.04
																		186.60	1	0.20	2.0	2.89	0.06
																		187.70	1	0.10	1.2	2.00	0.06
																		188.60	1	0.10	1.4	2.09	0.05
-190																		189.60	1	0.10	1.3	2.07	0.05
																		190.60	1	0.10	1.4	3.35	0.06
																		191.60	1	0.10	1.6	3.00	0.07
																		192.60	1	0.20	1.5	2.92	0.06
																		193.60	1	0.10	1.0	2.46	0.07
																		194.60	1	0.10	1.4	2.63	0.09
																		195.60	1	0.10	1.2	2.66	0.06
																		196.60	1	0.10	1.5	2.06	0.05
																		197.60	1.45	<0.1	1.4	3.53	0.06
-200		MASSIVE SULPHIDE: 198.25 to 199.05m: high grade part. 196.55 to 199.05m: siliceous, with jasper fragments. DYKE: basalt.																199.05	1.05	<0.1	1.6	0.14	0.02

Hole No. MJOB-G40 (From 0.00 m to -250.45 m)

DEPTH (m)	CHART	LITHOLOGY	Alteration							Mineralization							Sampling		Ore Assay			
			Silicification	Argillization	Quartz veinlets	Epidote veinlets	Epidote dissemi.	Calcite veinlets	Massive sulphide	Stockwork	Pyrite veinlets	Pyrite dissemi.	Chalcopyrite dissemi.	Chalcopyrite veinlets	Sphalerite dissemi.	Sphalerite veinlets	Magnetite	DEPTH (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)
-200		DYKE: basalt.														200.10	0.3	<0.1	1.7	2.02	0.11	
		SILICIFIED ROCK: 200.10 to 200.40m														200.40	1.25	<0.1	0.3	0.05	0.33	
		DYKE: 200.40 to 201.65m: basalt.														201.65	1	<0.1	1.1	0.39	0.43	
		SILICIFIED ROCK:														202.65	1	0.10	2.2	2.65	1.06	
		201.65 to 223.40m:														203.65	1	0.10	2.2	3.15	0.21	
		intensely silicified pillow														204.65	1	0.10	2.7	2.53	1.05	
		lava, interpillows altered														206.65	1	<0.1	2.6	2.08	0.35	
		to chalcopyrite.														206.65	1	<0.1	1.3	0.07	0.03	
		[stockwork ore] 201.65														207.65	1	<0.1	0.7	0.02	0.04	
		to 206.35: high grade.														208.65	1	<0.1	1.2	0.65	0.05	
		PILLOW LAVA (VI-1):														209.65	1	<0.1	1.6	1.52	0.06	
		223.40 to 228.15m: light														210.65	1	<0.1	1.4	1.52	0.05	
		greenish grey to grey.														211.65	1	<0.1	1.4	1.31	0.04	
		MASSIVE LAVA: 228.15														212.65	1	<0.1	0.8	0.80	0.04	
		to 230.15m: grey,														213.65	1	<0.1	1.2	1.06	0.04	
		doleritic.														214.65	1	<0.1	0.7	0.20	0.03	
		DYKE: 230.15 to														215.65	1.15	<0.1	0.6	0.03	0.03	
		232.30m: basalt.														216.80						
		DYKE: 232.30 to																				
		234.25m: basalt																				
		(doleritic).																				
		MASSIVE LAVA: 234.25																				
		to 235.25m: grey,																				
		doleritic,																				
		PILLOW LAVA (VI-1):																				
		235.25 to 250.45m:																				
		greenish grey, jasper																				
		and epidote in																				
		interpillows.																				
-250																						

