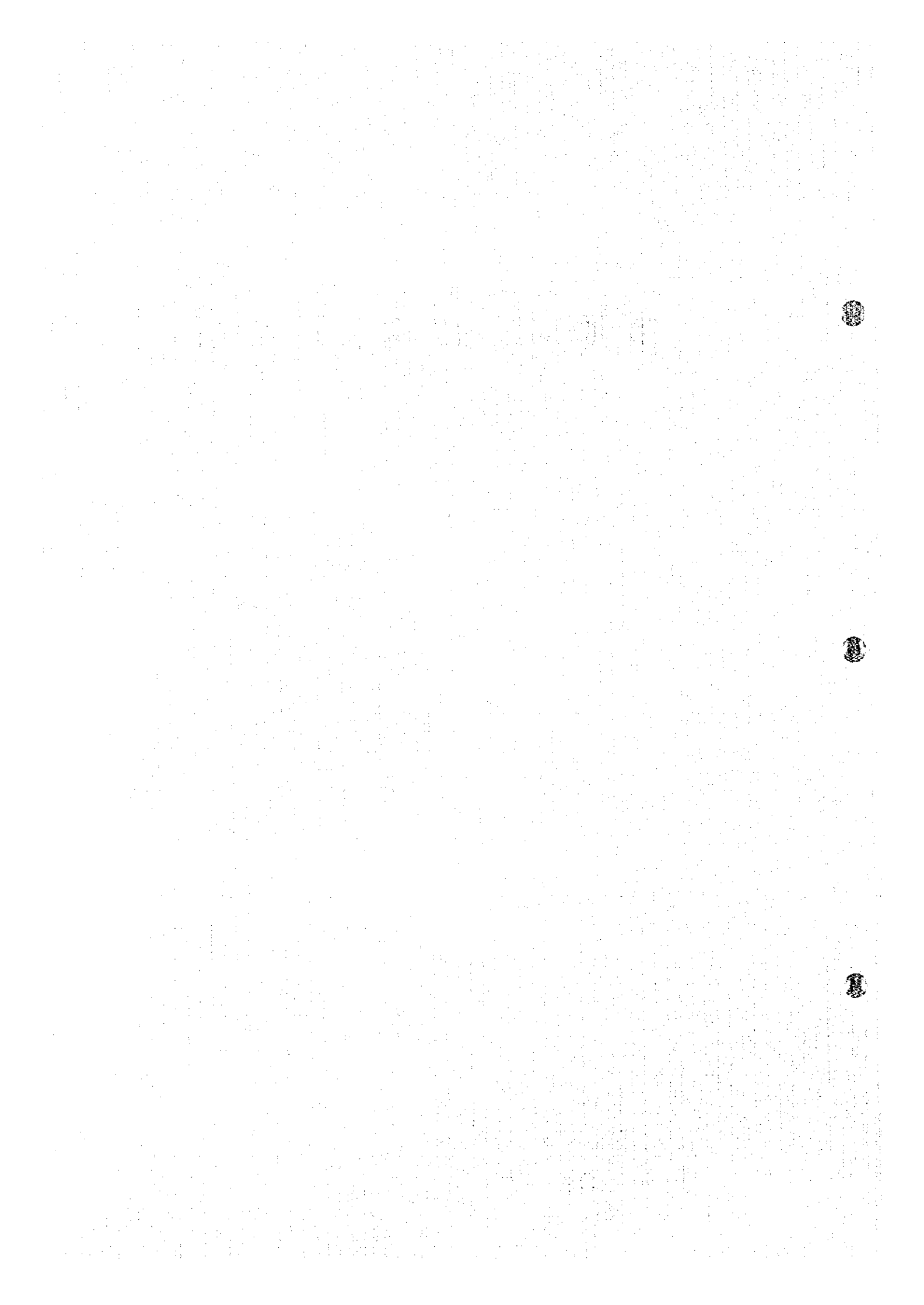


## 第Ⅲ部 結論及び提言



## 第 1 章 結 論

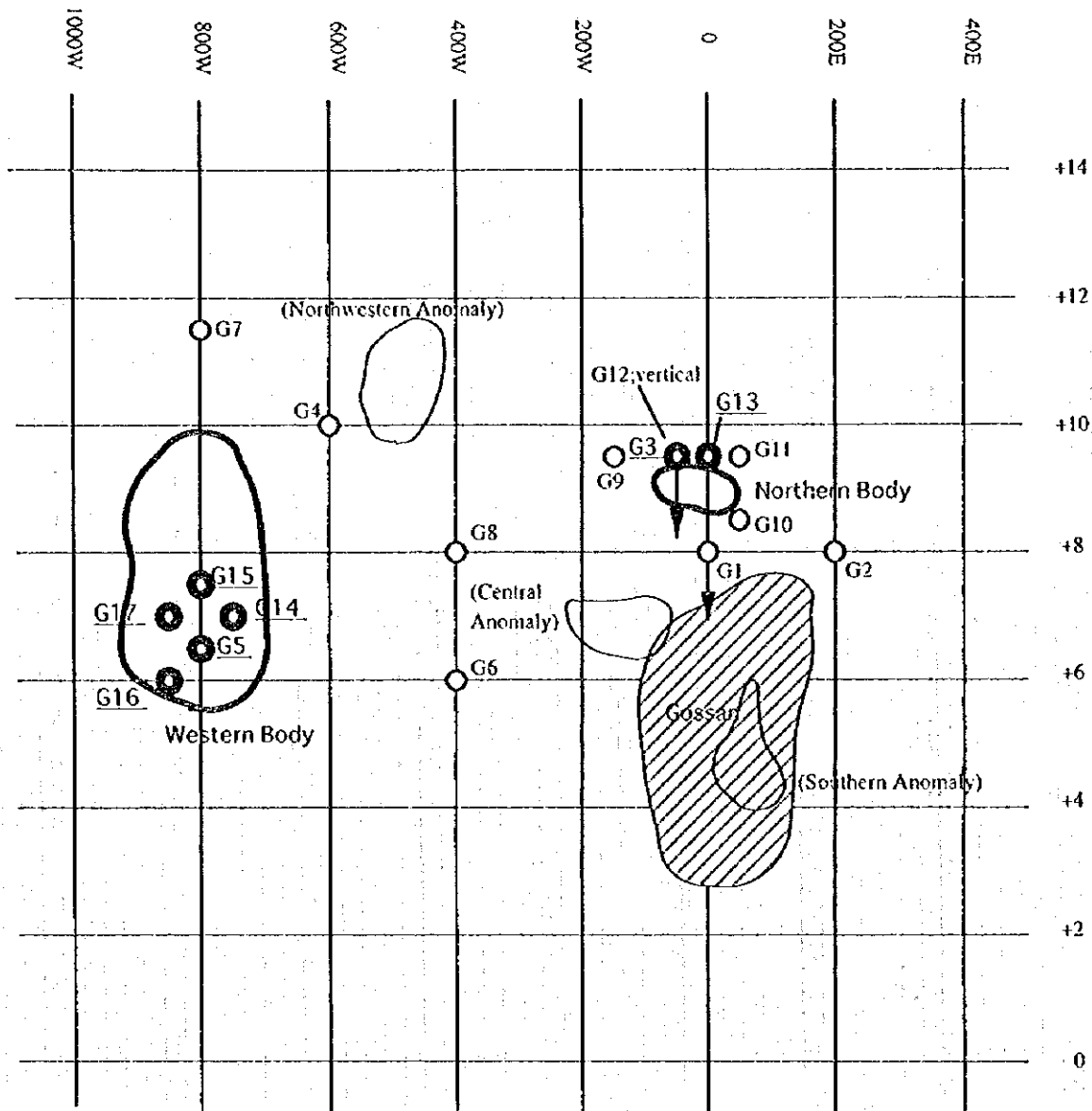
本年度の調査結果は以下のように結論付けられる。

(1) グゼイン地区におけるボーリング調査の結果、ゴッサンの北方と西方の2ヶ所において塊状硫化物鉱床を捕捉した。ゴッサンの北方で捕捉した塊状硫化物鉱体（グゼイン北部鉱体）はMJ0B-63 孔で最大コア長7.95mを示し、その平均品位は4.66%であった。またゴッサンの西方で捕捉した鉱体（グゼイン西部鉱体）はMJ0B-614孔で最大コア長37.1mを示し、その平均品位は1.88%であった。

(2) グゼイン地区で実施したTEM法調査の結果は、上述のボーリング調査で捕捉した2ヶ所の塊状硫化物鉱床の分布範囲を明瞭に示した。その結果から、西部鉱体はさらに北方へ延長しており、東西150m×南北300m程度の規模を有しているものと考えられる。これに対し北部鉱体は小規模で、東西150m×南北100m程度の規模と考えられる。このTEM法調査の結果はまた、上記2ヶ所以外にも3ヶ所で塊状硫化物鉱体が分布する可能性が高い有望な異常を抽出した。

(3) ドカール地区で実施したTDIP法調査の結果は、グゼイン地区に類似したIP異常の特徴を示しており、引き続き実施したTEM法調査も顕著な異常を捉えた。したがって、本地区にも塊状硫化物鉱体が分布する可能性が高いと考えられる。

(4) オマーンにおける銅鉱床探査では、第四紀層の広い被覆のために地上物理探査が探査の重要なポイントを握っている。この2年間の調査からオマーンにおけるキプロス型塊状硫化物鉱床の物理探査手法として、第1段階の鉱化帯の把握のためにTDIP法、そして第2段階の鉱化帯からの鉱体の抽出のためにTEM法を用いることが最適であるとの結論を得た。さらにボーリング調査を効率的に行うためには、小ループ（50m×50m）によるTEM法調査を併用することが望ましいと考えられる。



-  Ore bodies found in Phase II
-  Bore holes intersected massive sulphide
-  Other TEM anomalies
-  Other bore holes

Fig.III-1 Location map of Ore bodies, TEM anomalies and bore holes in Ghuzayn area

## 第 2 章 将来への提言

本年次の調査によってグザイン地区において有望な塊状硫化物鉱床を捕捉したことにより、本調査地域の鉱床賦存ポテンシャルが高いことが証明され、また探査ターゲット地域の抽出のために用いた物理調査手法及びその解析処理手法についてもその有効性が証明されたことから、引き続き以下の地区において物理探査及びボーリング調査を実施することを提言する。

### (1) グゼイン地区

1. 第2年次のボーリング調査で捕捉した西部及び北部鉱体についてその詳細を確認するためのボーリング調査を実施するとともに小ループ(50m×50m)のTEM法調査を行って塊状硫化物鉱体の分布範囲を詳細に把握する。

2. TEM法調査において抽出された5つの異常部のうち、ボーリングですでに塊状硫化物鉱体の存在が確認されたもの以外の異常部に対して、ボーリング調査を実施するとともに小ループのTEM法調査を行う。

3. TDI P法調査を第1年次に実施した範囲の東西の延長部において実施し、周辺部における塊状硫化物鉱床存在の可能性を調査する。

### (2) ドカール地区

1. TEM法調査で抽出された異常部に対してボーリング調査を実施し、塊状硫化物鉱床の存在を調査する。

2. 第2年次のTEM法調査結果によるとまだ異常部が北に連続しているため、さらに北にループを設けて調査するとともに、IP異常が連続して抽出された西部においてもTEM法調査を実施する必要がある。

3. TDI P法調査を第2年次に実施した範囲の外側まで延長して実施し、周辺部における塊状硫化物鉱床存在の可能性を調査する。

### (3) グリス地区

1. 第1年次のTDI P法調査によって抽出された中央部の広範囲な高分極率異常部の北半部についてTEM法調査を実施し、塊状硫化物鉱床存在の可能性を調査する。

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Appendix 1	Drilling equipments and consumed materials
Appendix 2	Generalized drilling results and Progress record of drilling
Appendix 3	Drilling logs
Appendix 4	Assay results of drilling core
Appendix 5	Photographs of ore polished sections

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## APPENDICES

## Appendix 1

### Drilling equipments and consumed materials





## Drilling Equipment

	Rig-1	Rig-2	Rig-3	Rig-4
<b>Model</b>	RAMROD-II	VOL-180	N-18(F4L)	N-18(f5L)
<b>Maker</b>	Joy Manufacturing Co. USA	Voltas Ltd. India	Acker Drill Co. USA	Acker Drill Co. USA
<b>Mounting</b>	Truck mounted 4WD	Truck mounted 4WD	Skid Mounted	Skid Mounted
<b>Drilling capacity with NX size wire Line coring</b>	450 m	650 m	400 m	600 m
<b>Angle hole drilling capacity</b>	Upto 60 deg.	Vertical only	Upto 60 deg.	Upto 60 deg.
<b>Circulation pump</b>	35 GPM 800 PSI	37 GPM 1000 PSI	35 GPM 800 PSI	37 GPM 1000 PSI

Consumed material

Hole No.	MJOB-G1	MJOB-G2	MJOB-G3	MJOB-G4	MJOB-G5	MJOB-G6	MJOB-G7	MJOB-G8	MJOB-G9
Bit: NW	1	1	1	1	1	1	1	1	1
Bit: NX	1	1	1	1	1	3	2	1	1
Bit: BX			1						
Light Oil (l)	25	35	40	40	30	30	30	15	15
Mud (kg)	185	260	290	265	210	230	210	120	115
Cement (kg)	50	-	75	125	75	100	150	200	200

Hole No.	MJOB-G10	MJOB-G11	MJOB-G12	MJOB-G13	MJOB-G14	MJOB-G15	MJOB-G16	MJOB-G17	MJOB-D1
Bit: NW	1	1	1	1	1	1	1	1	1
Bit: NX	1	1	1	2	1	1	1	2	1
Bit: BX									
Light Oil (l)	15	15	15	15	20	20	20	25	25
Mud (kg)	105	105	115	115	155	165	130	190	165
Cement (kg)	-	100	75	150	100	150	175	125	-

Hole No.	MJOB-D2	MJOB-D3	MJOB-D4	MJOB-R1	MJOB-A1	MJOB-A2	MJOB-F1	MJOB-F2
Bit: NW	1	1	1	1	1	1	1	1
Bit: NX	1	1	1	1	1	2	1	1
Bit: BX						1		
Light Oil (l)	25	15	30	30	30	20	20	20
Mud (kg)	140	105	215	125	200	480	145	150
Cement (kg)	-	-	-	-	500	200	-	-

## Appendix 2

Generalized drilling results and progress record of drilling



Generalized drilling results

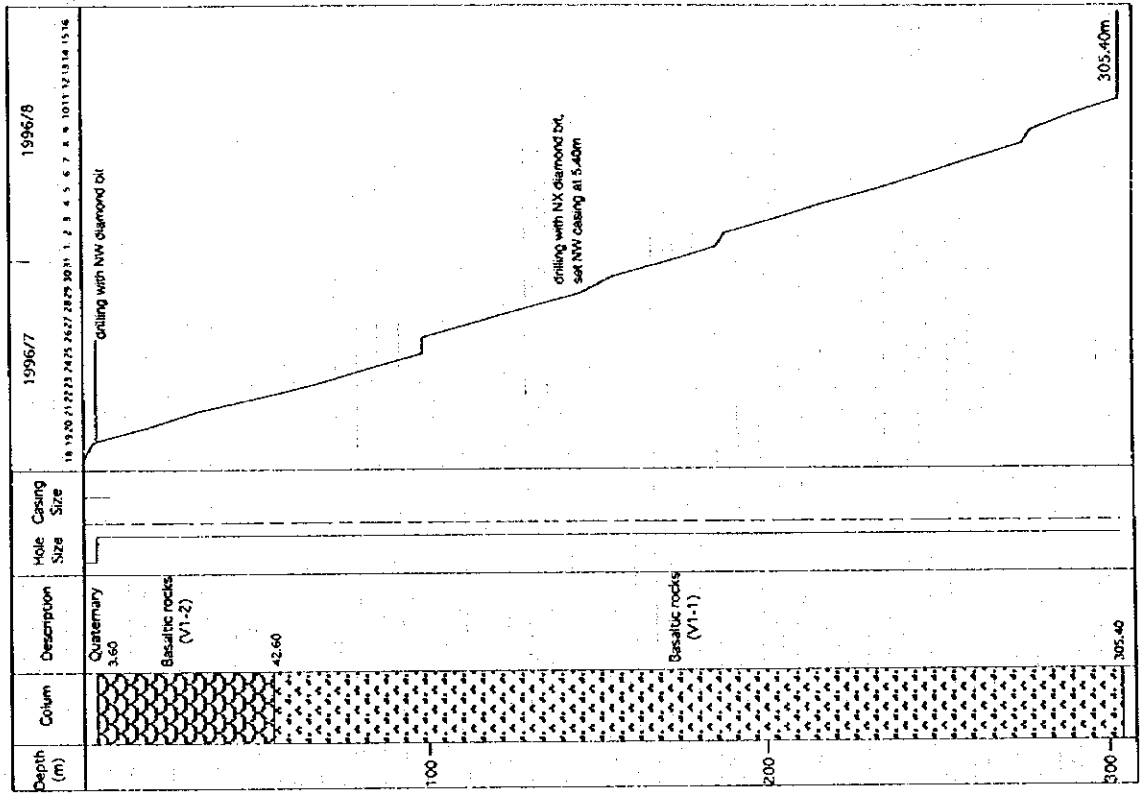
	Hole No.	MJOB-G1	MJOB-G2	MJOB-G3	MJOB-G4	MJOB-G5	MJOB-G6	MJOB-G7
Drilling Period	Preparation Days (A)	7/17 to 7/20 4	7/16 to 7/18 3	8/8 1	8/12 1	9/10 1	9/18 1	10/11 1
	Drilling Days (B)	7/21 to 8/6 17	7/19 to 8/11 23	8/9 to 9/7 30	8/13 to 9/16 35	9/11 to 9/29 19	9/19 to 10/9 21	10/12 to 10/30 18.5
	Removing Days (C)	8/7 1	8/12 1	9/8 to 9/9 2	9/17 1	9/30 1	10/10 1	10/30-10/31 1.5
	Total days (D)	22	27	33	37	21	23	21
Depth	Planned depth (E)	186m	305m	300m	300m	300m	300m	300m
	Drilled depth (F)	186.50m	305.40m	300.40m	300.50m	300.20m	300.30m	300.15m
Recovery	Overburden (G)	3.40m	3.60m	6.10m	5.30m	10.10m	11.80m	11.00m
	Core length (H)	183.25m	304.40m	296.05m	295.80m	294.95m	291.05m	294.05m
	Recovery (H/F)	98%	100%	99%	98%	98%	97%	98%
Casing	NW casing	3.40m	5.40m	3.40m	5.30m	3.40m	3.40m	3.40m
	NX casing	-	-	257.10m	295.80m	-	-	-
Rate	meter /day (F/B)	10.97m	13.28m	10.01m	8.59m	15.80m	14.30m	16.22m
	meter/ total day (F/D)	8.48m	11.31m	9.10m	8.12m	14.30m	13.06m	14.29m

	Hole No.	MJOB-G8	MJOB-G9	MJOB-G10	MJOB-G11	MJOB-G12	MJOB-G13	MJOB-G14
Drilling Period	Preparation Days (A)	10/1 1	9/30 to 10/1 2	10/13 1	10/12 1	10/22 1	10/23 1	11/2 1
	Drilling Days (B)	10/2 to 10/11 10	10/2 to 10/11 9.5	10/14 to 10/22 8.5	10/13 to 10/21 9	10/23 to 11/2 10.5	10/24 to 11/3 10.5	11/3 to 11/26 24.5
	Removing Days (C)	10/12 1	10/11 0.5	10/22 0.5	10/22 1	11/2 0.5	11/3 0.5	11/26 to 11/27 1.5
	Total days (D)	12	12	10	11	12	12	27
Depth	Planned depth (E)	200m	200m	200m	200m	200m	200m	250m
	Drilled depth (F)	200.25m	200.20m	200.10m	200.20m	200.30m	200.10m	250.10m
Recovery	Overburden (G)	4.90m	7.35m	5.80m	4.60m	4.80m	4.70m	2.80m
	Core length (H)	194.75m	196.00m	197.20m	196.00m	196.65m	196.75m	240.55m
	Recovery (H/F)	97%	98%	99%	98%	98%	98%	96%
Casing	NW casing	3.40m	3.40m	3.40m	3.40m	3.40m	5.40m	3.40m
	NX casing	-	-	-	-	-	-	-
Rate	meter /day (F/B)	20.03m	21.07m	23.54m	22.24m	19.08m	19.06m	10.21m
	meter/ total day (F/D)	16.69m	16.68m	20.01m	18.20m	16.69m	16.68m	9.26m

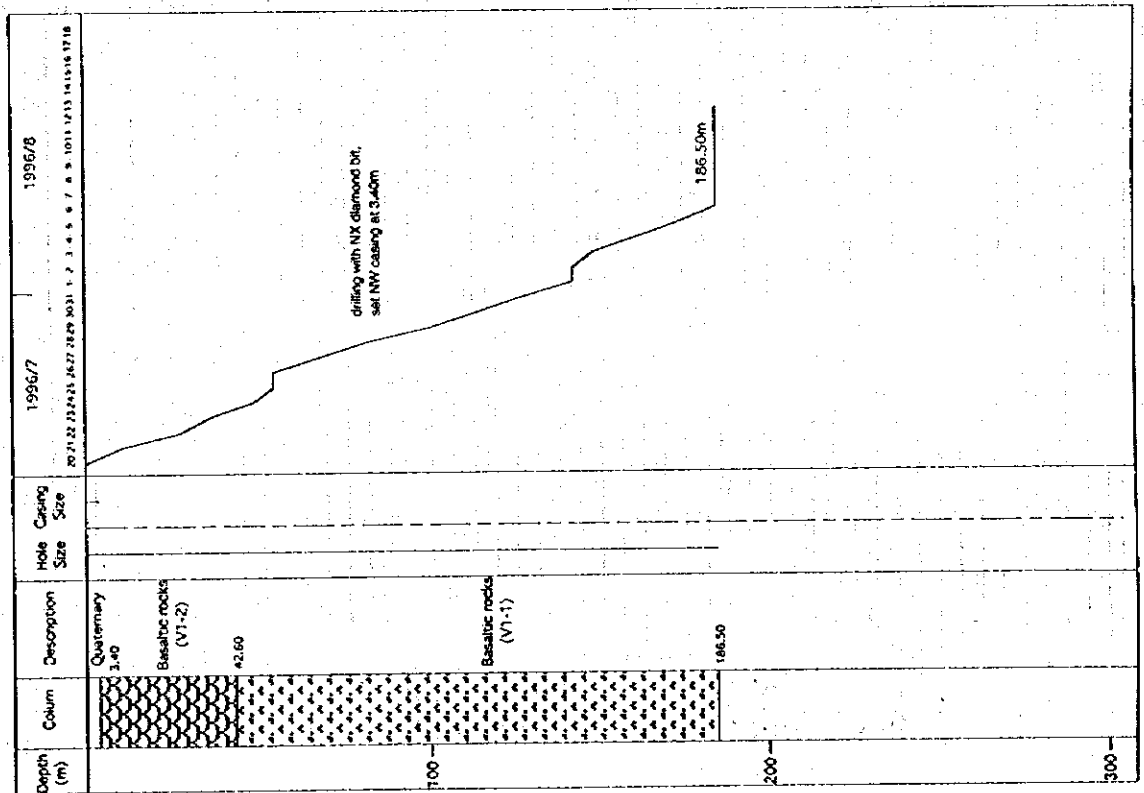
Hole No.		MJOB-G15	MJOB-G16	MJOB-G17	MJOB-D1	MJOB-D2	MJOB-D3	MJOB-D4
Drilling Prod	Preparation Days (A)	11/4 1	11/20 1	11/20 1	7/14 to 7/15 2	8/1 0.5	8/13 0.5	10/22 1
	Drilling Days (B)	11/5 to 11/18 14	11/21 to 12/5 15	11/21 to 12/10 19.5	7/16 to 7/30 15	8/1 to 8/12 11.5	8/14 to 8/21 8	10/23 to 11/5 14
	Removing Days (C)	11/19 1	12/6 to 12/7 2	12/10 to 12/11 1.5	7/31 1	8/13 0.5	8/22 to 8/23 2	11/6 1
	Total days (D)	16	18	22	18	12.5	10.5	16
Depth	Planned depth (E)	250m	200m	250m	220m	250m	150m	300m
	Drilled depth (F)	250.10m	201.85m	250.25m	220.15m	251.00m	150.35m	300.35m
Recovery	Overburden (G)	3.50m	4.80m	6.70m	3.70m	4.95m	3.50m	4.50m
	Core length (H)	247.40m	196.90m	241.30m	215.40m	248.70m	148.45m	297.95m
	Recovery (I/F)	99%	98%	97%	98%	99%	99%	99%
Casing	NW casing	3.40m	3.40m	3.40m	13.50m	19.40m	13.50m	38.00m
	NX casing	-	-	-	-	-	-	-
Rate	meter /day (F/B)	17.86m	13.46m	12.83m	14.68m	21.83m	18.79m	21.45m
	meter/ total day (F/D)	15.63m	11.21m	11.38m	12.23m	20.08m	14.32m	18.77m

Hole No.		MJOB-R1	MJOB-A1	MJOB-A2	MJOB-F1	MJOB-F2
Drilling Prod	Preparation Days (A)	10/23 1	8/24 1	9/13 1	11/8 1	11/5 1
	Drilling Days (B)	10/24 to 11/3 11	8/25 to 9/11 18	9/14 to 10/8 25	11/9 to 11/21 12.5	11/6 to 11/18 13
	Removing Days (C)	11/4 1	9/12 1	10/9 to 10/10 2	11/21 to 11/22 1.5	11/19 1
	Total days (D)	13	20	28	15	15
Depth	Planned depth (E)	200m	250m	227m	250m	200m
	Drilled depth (F)	200.15m	251.00m	227.00m	250.65m	200.20m
Recovery	Overburden (G)	3.60m	2.60m	14.00m	0.00m	0.00m
	Core length (H)	195.35m	241.00m	220.75m	249.55m	196.00m
	Recovery (I/F)	98%	96%	97%	100%	98%
Casing	NW casing	61.25m	3.40m	3.40m	3.80m	6.40m
	NX casing	-	-	220.75m	-	-
Rate	meter /day (F/B)	18.20m	13.94m	9.08m	20.05m	15.40m
	meter/ total day (F/D)	15.40m	12.55m	8.11m	16.71m	13.35m

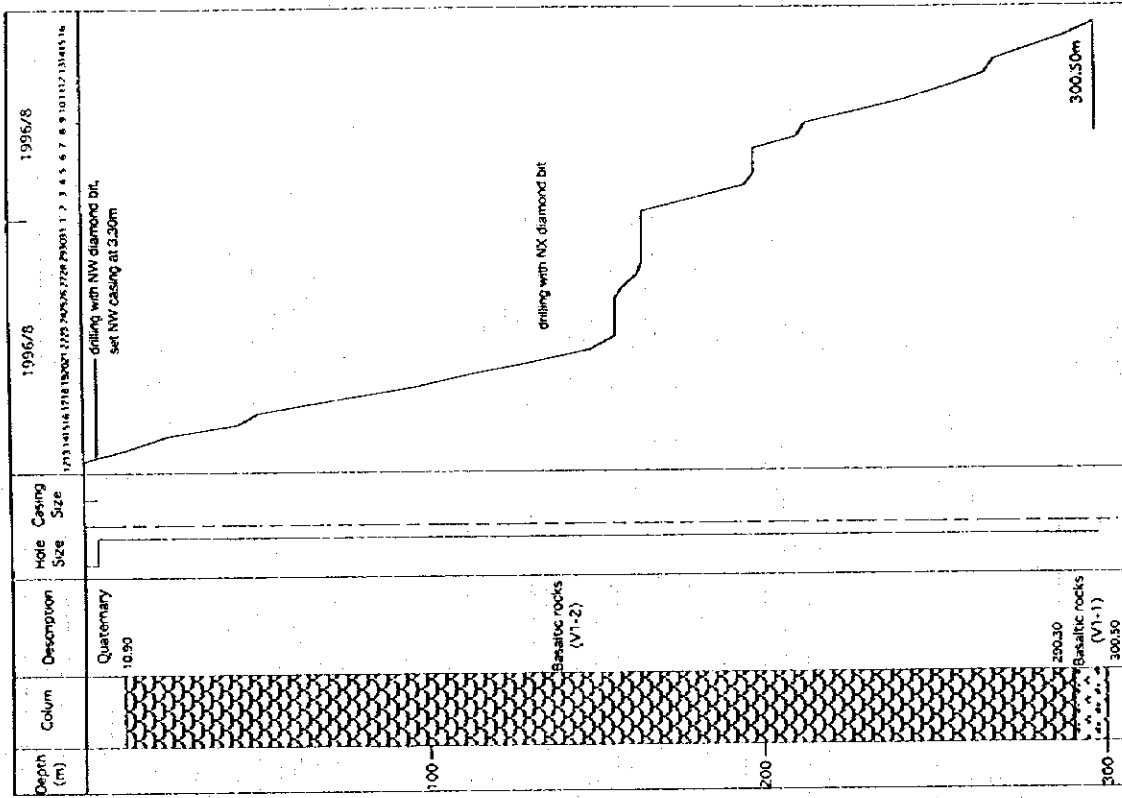
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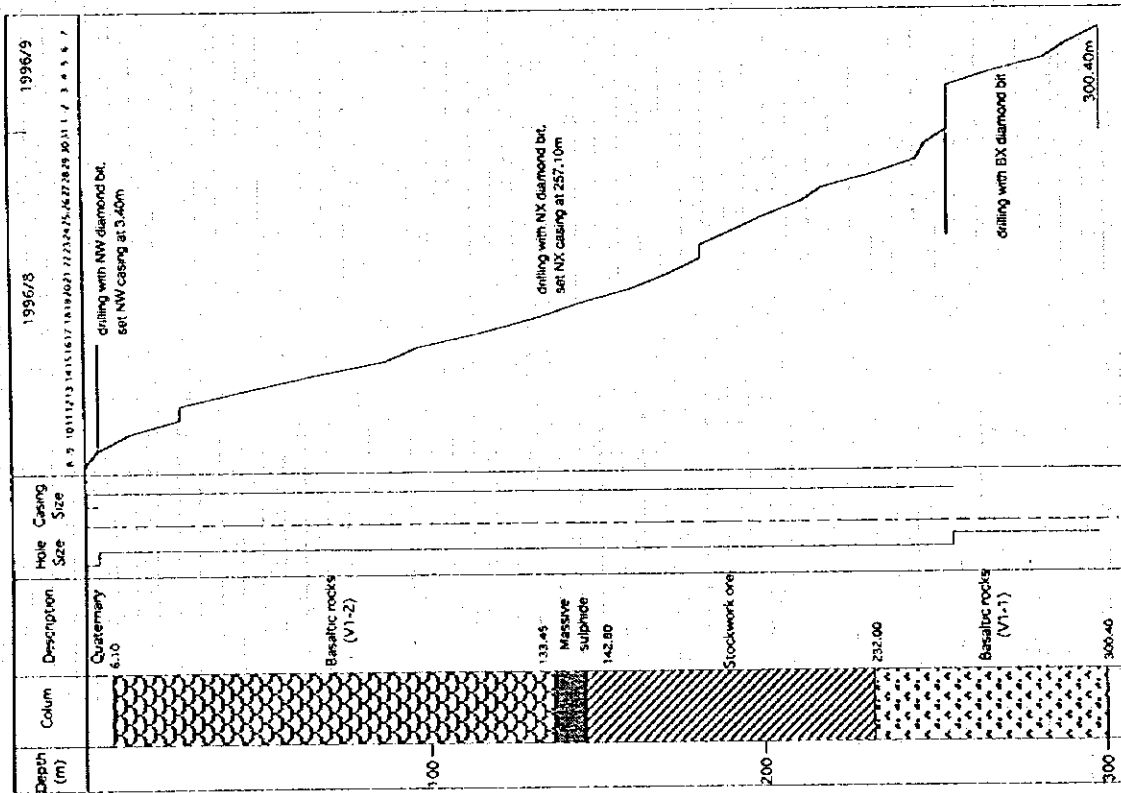
MJOB-G1



MJOB-G4

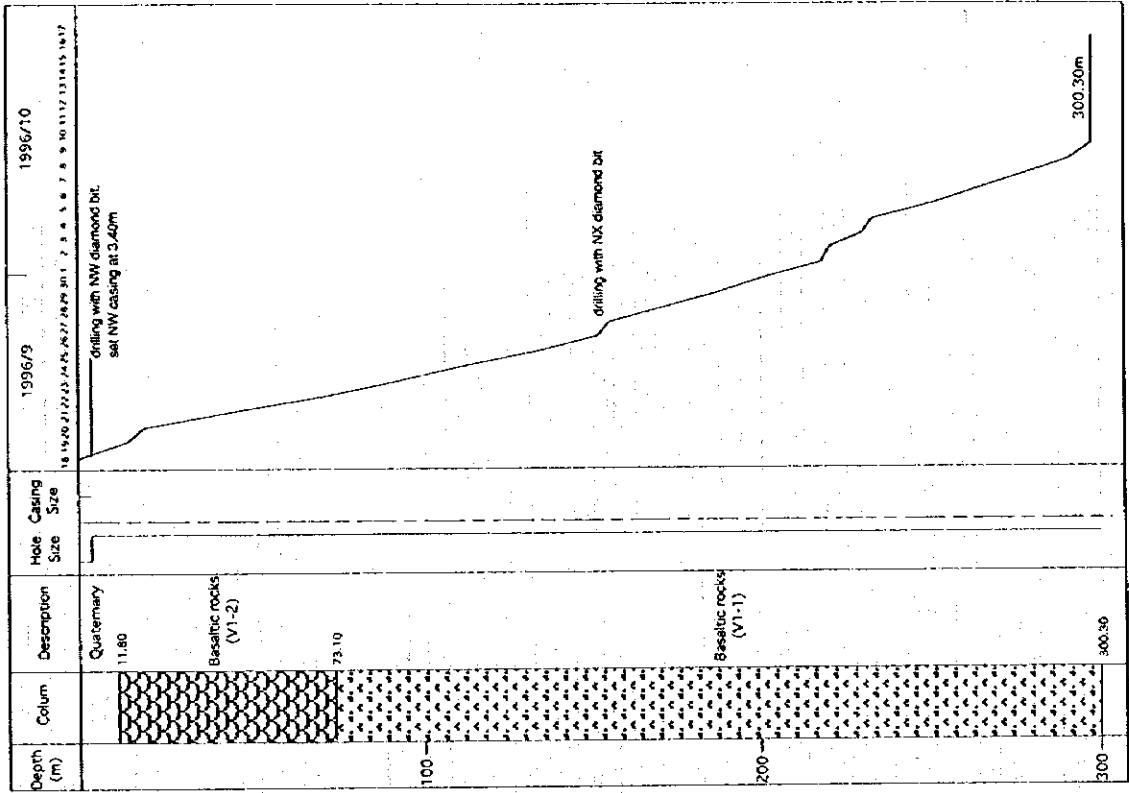


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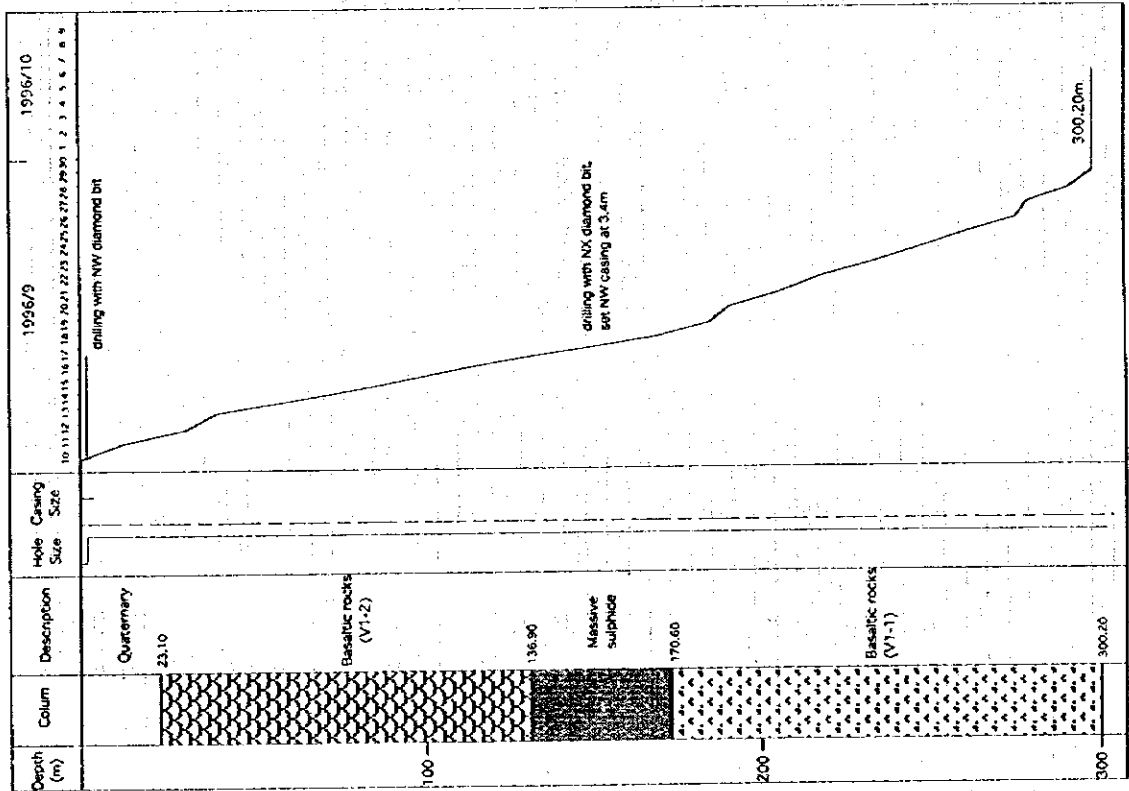




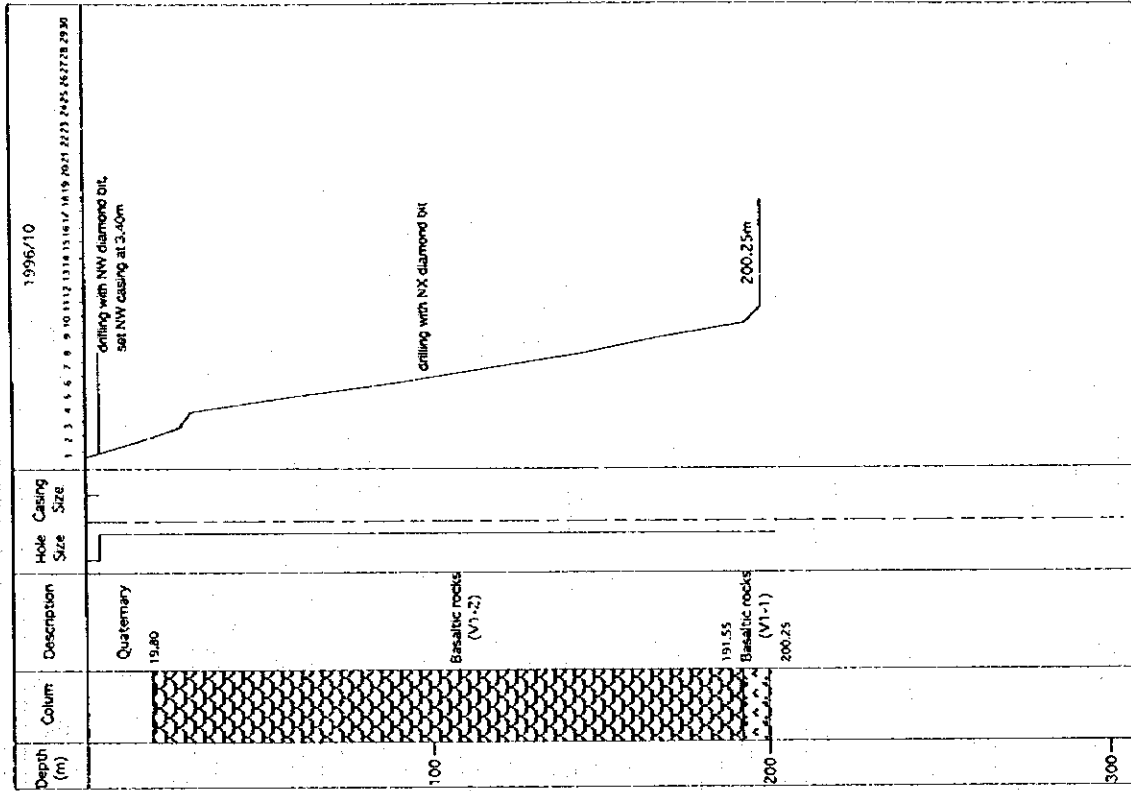
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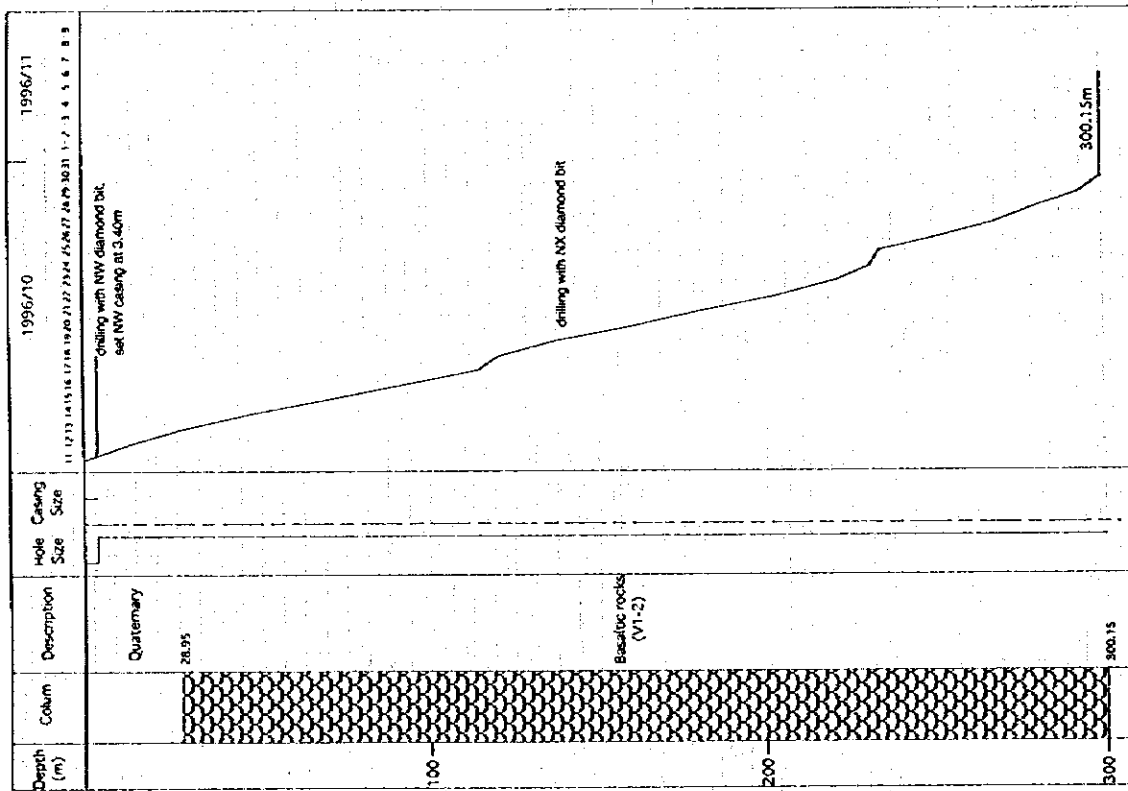
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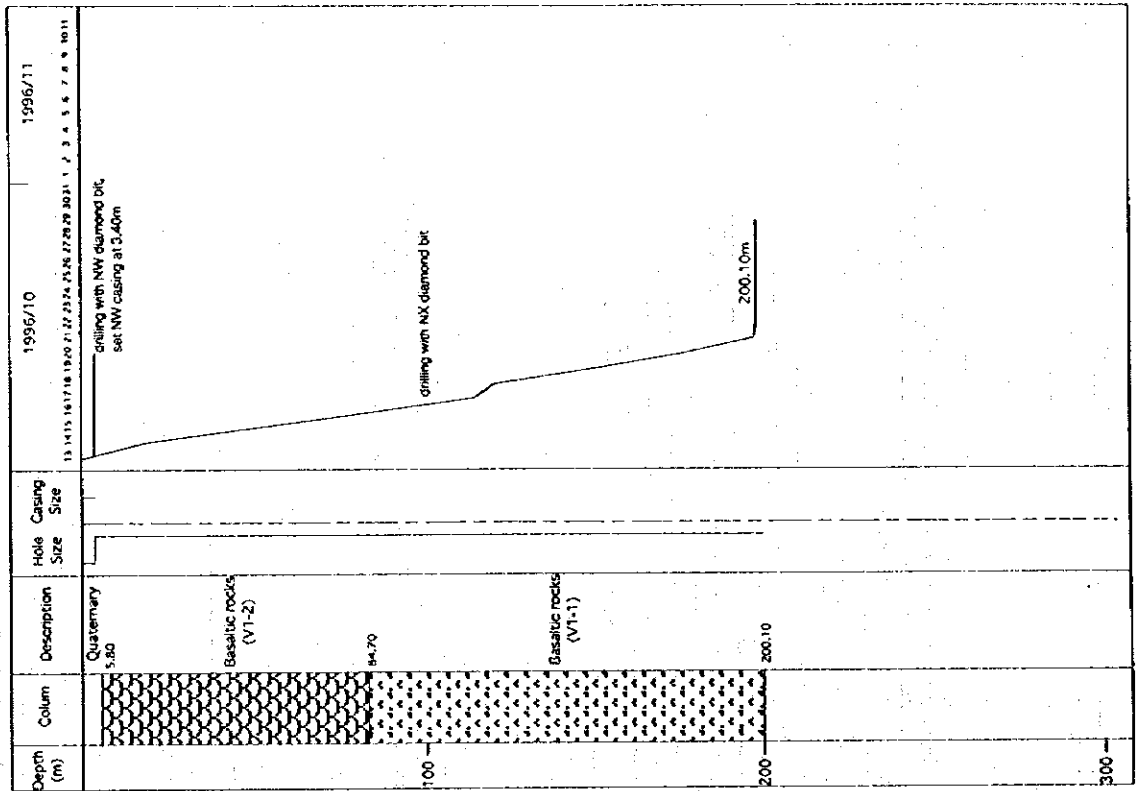
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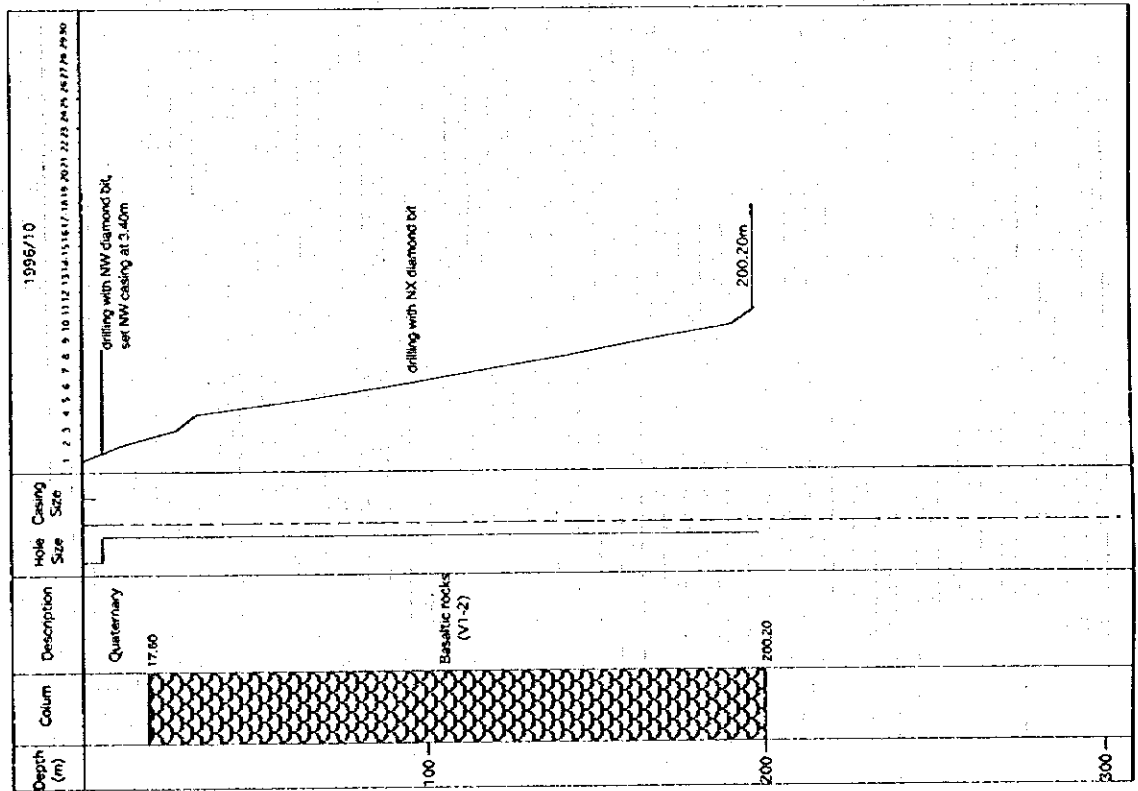
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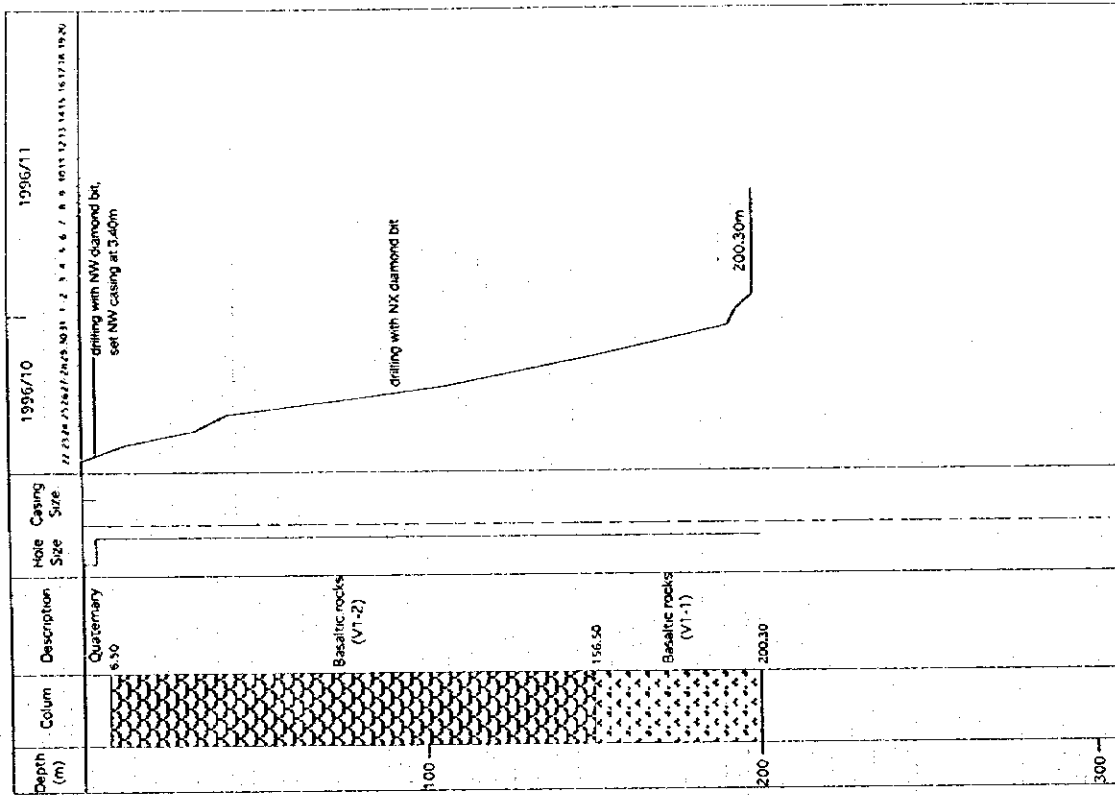
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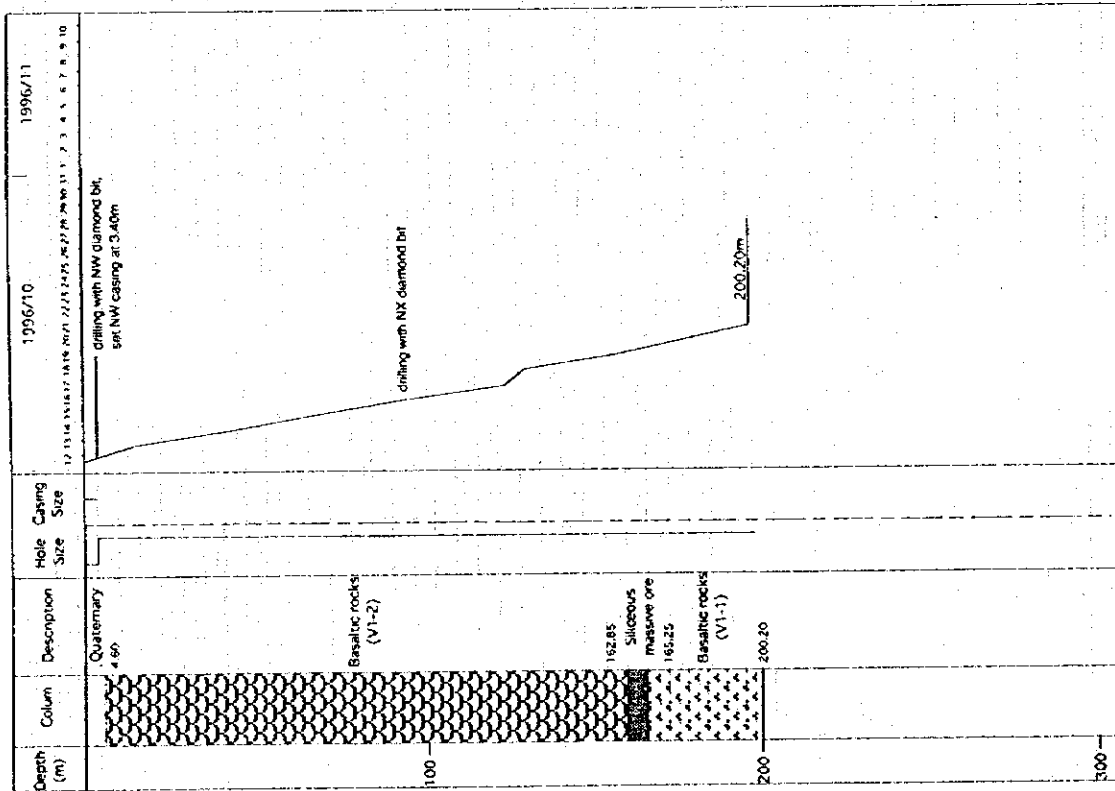
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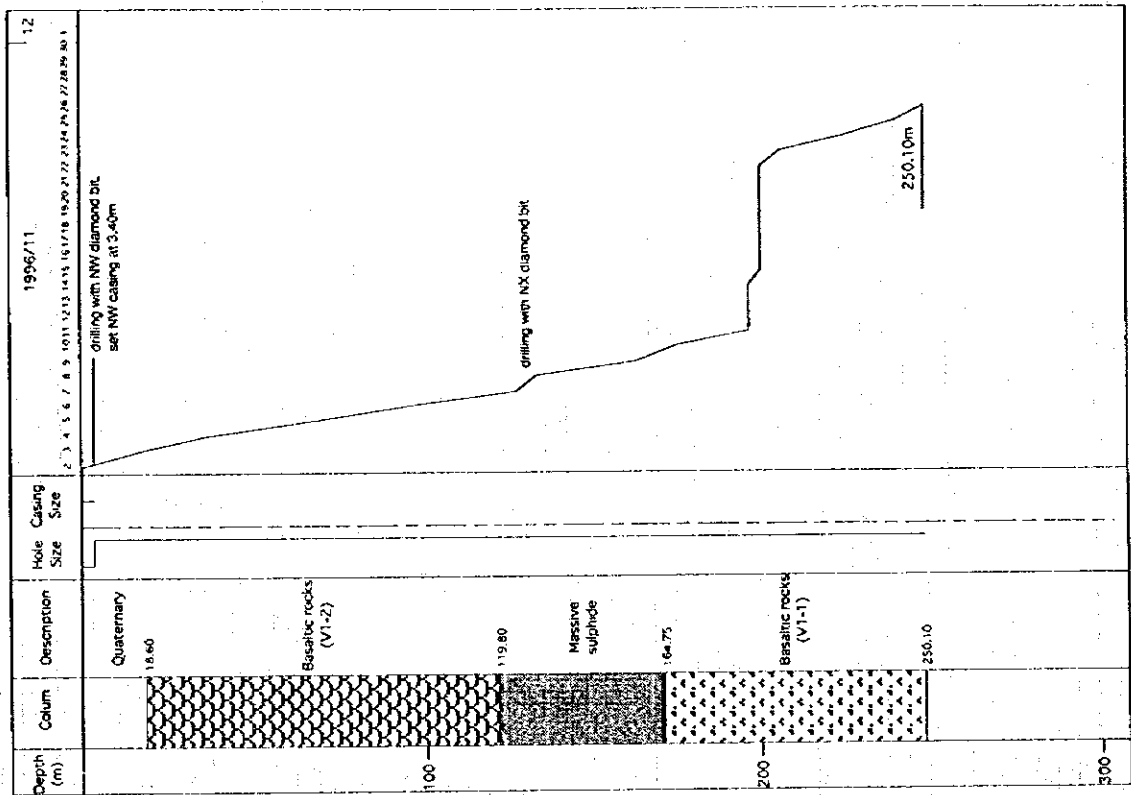
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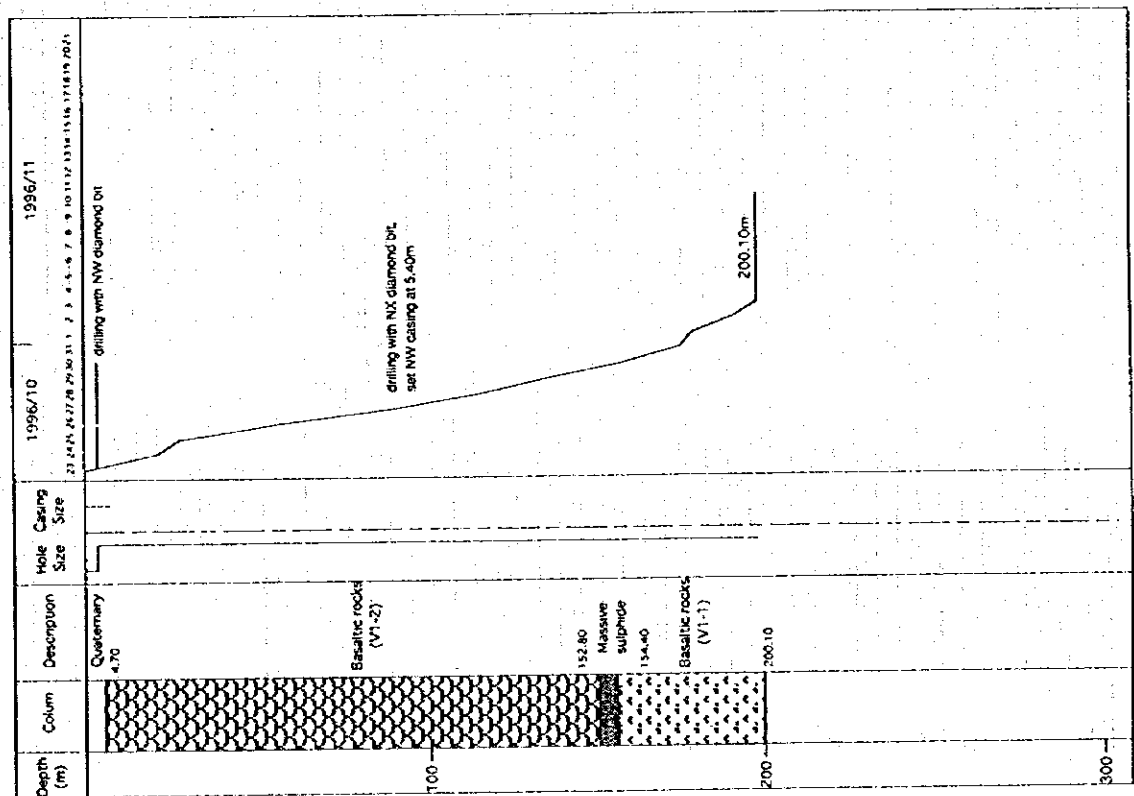
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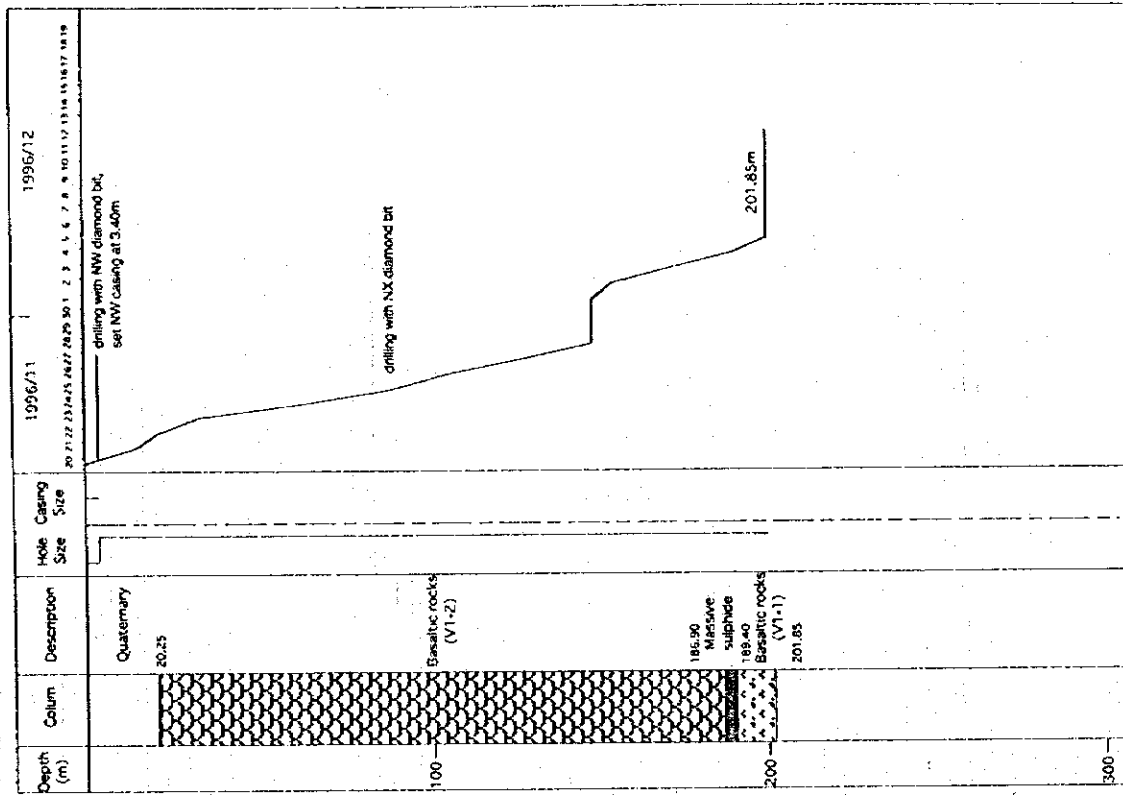
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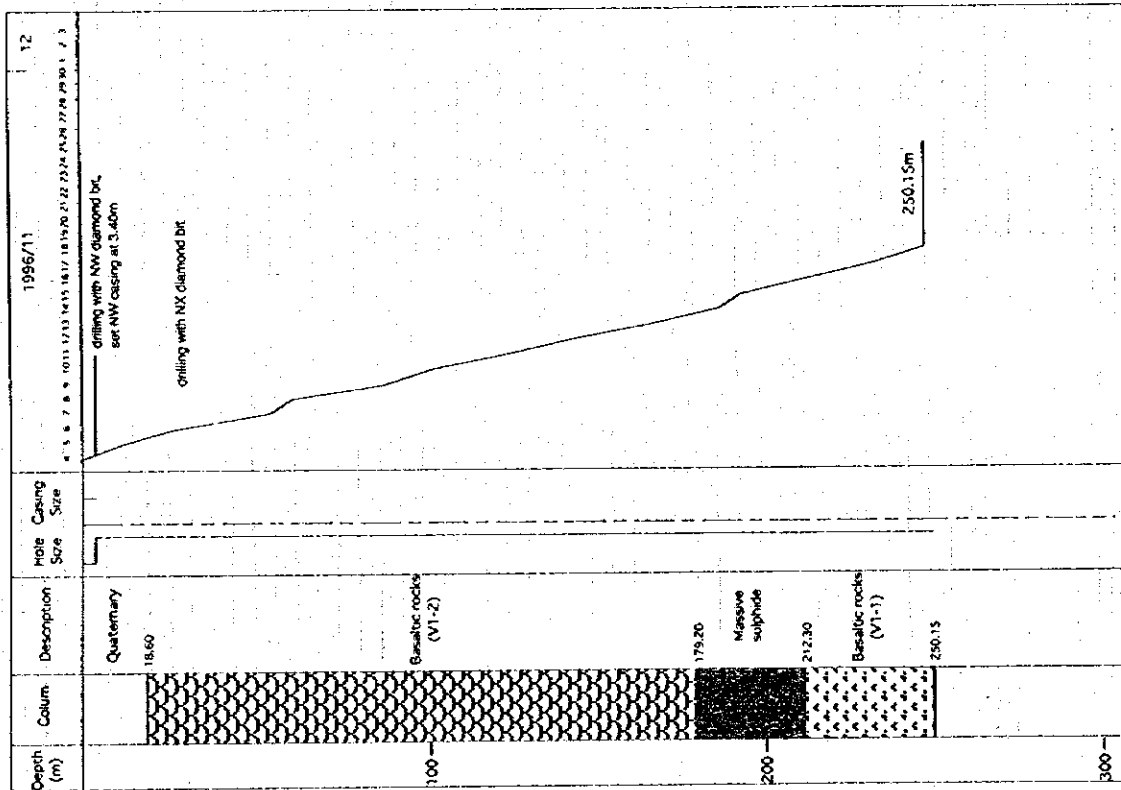
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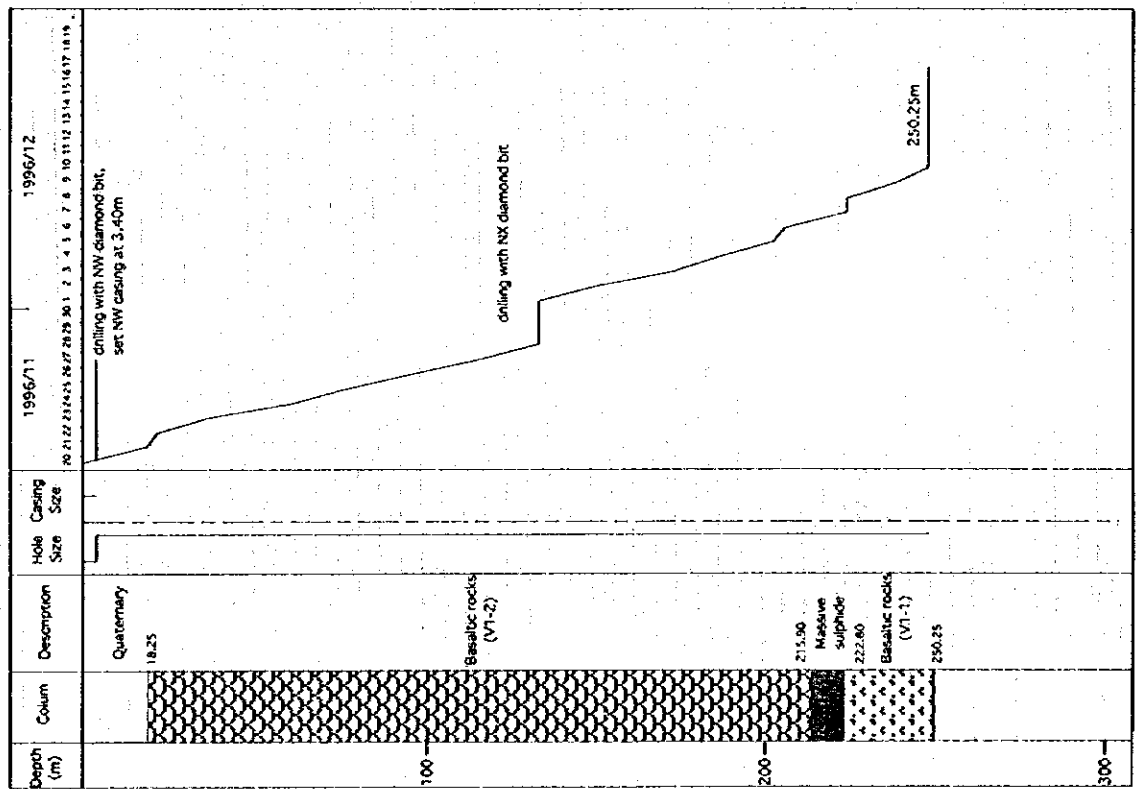
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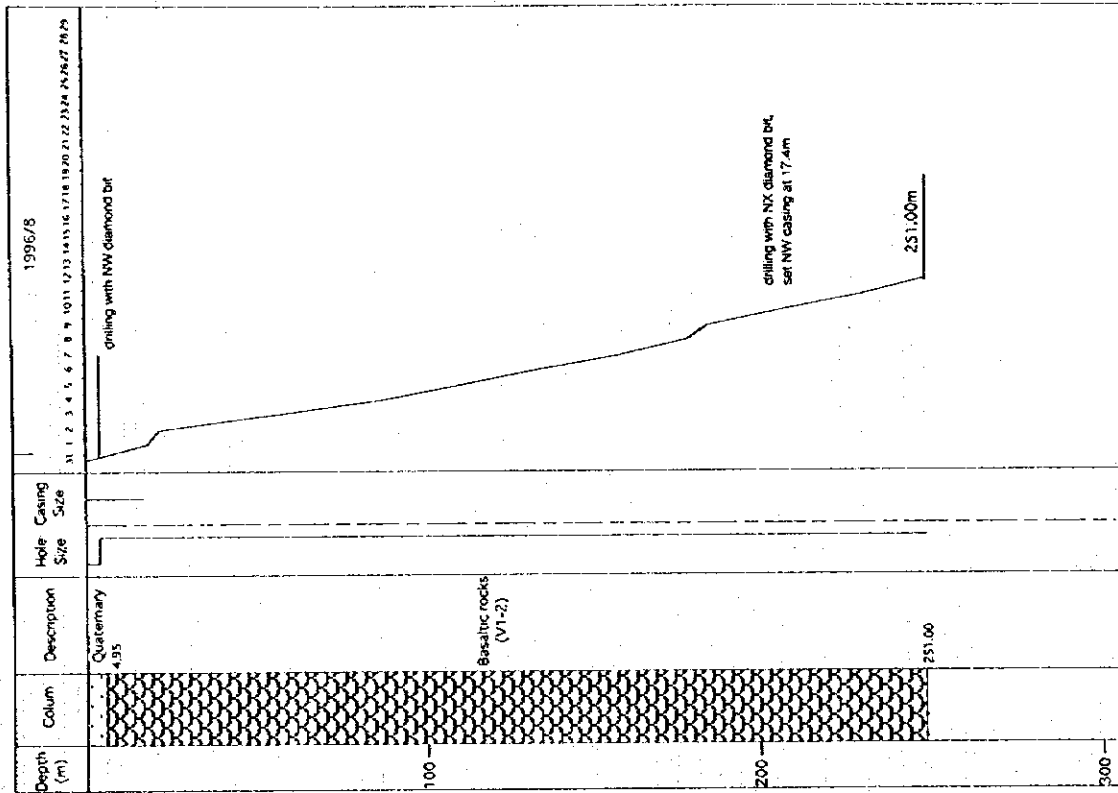
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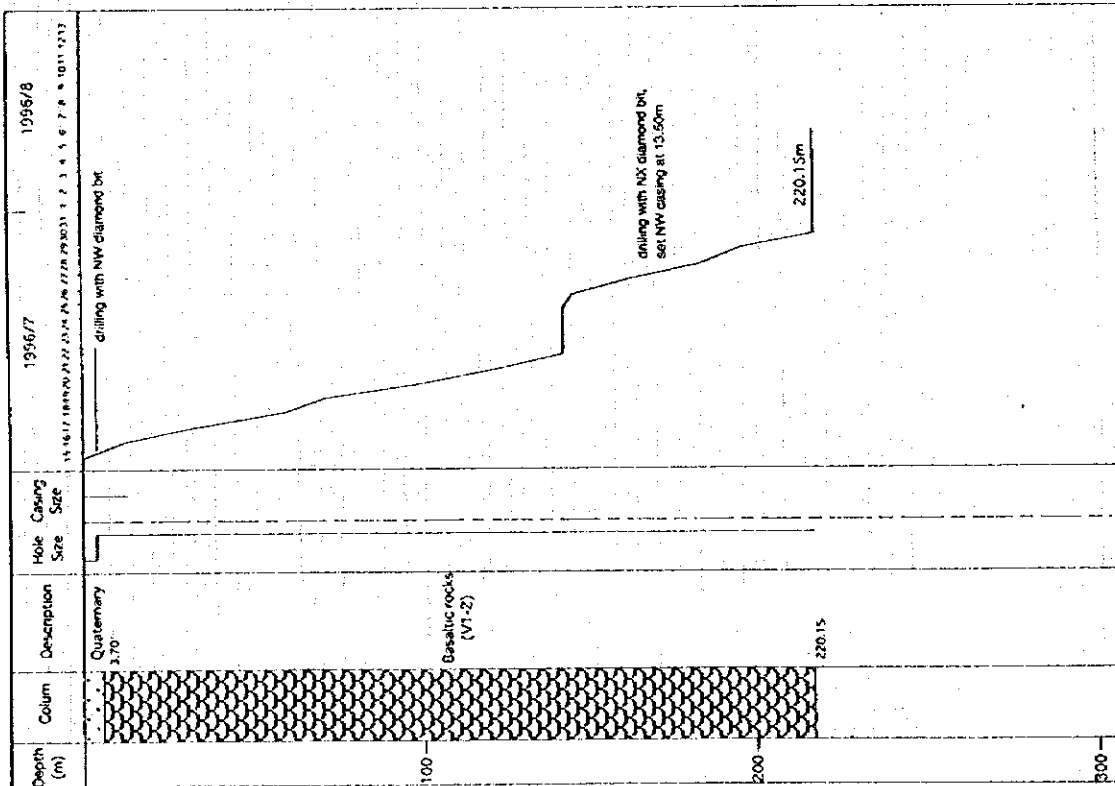
MJOB-G17



MJOB-D2

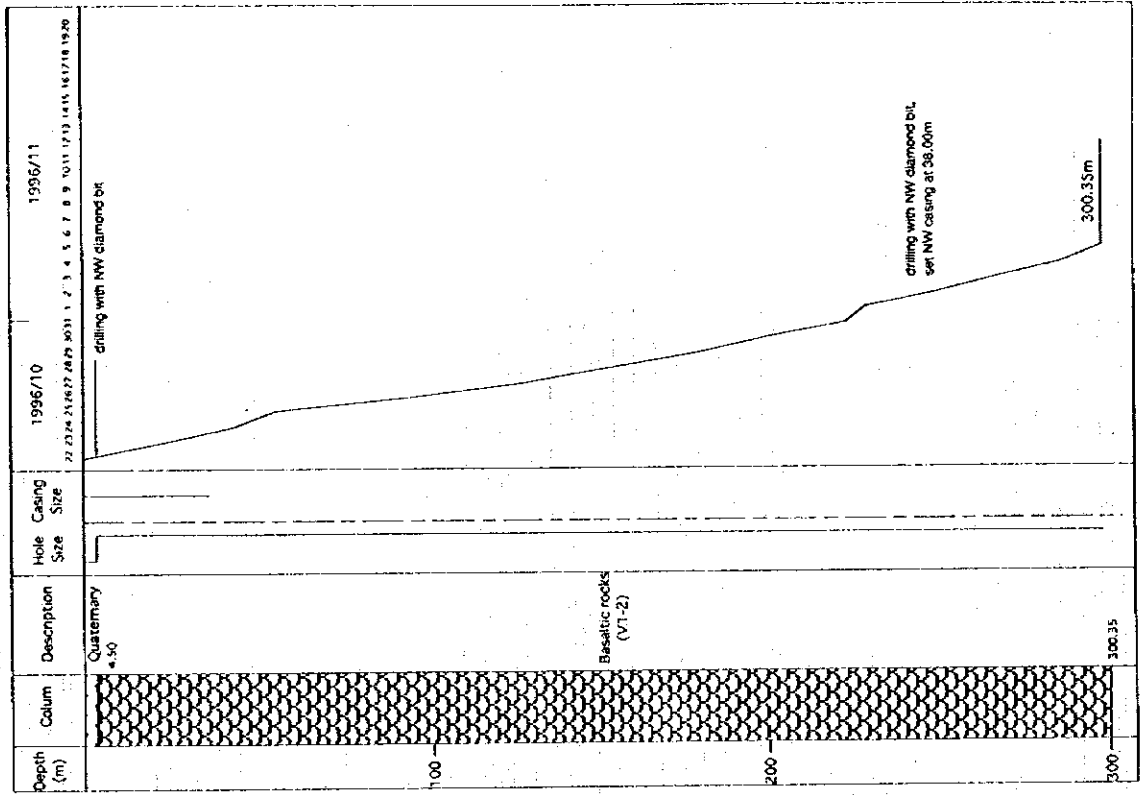


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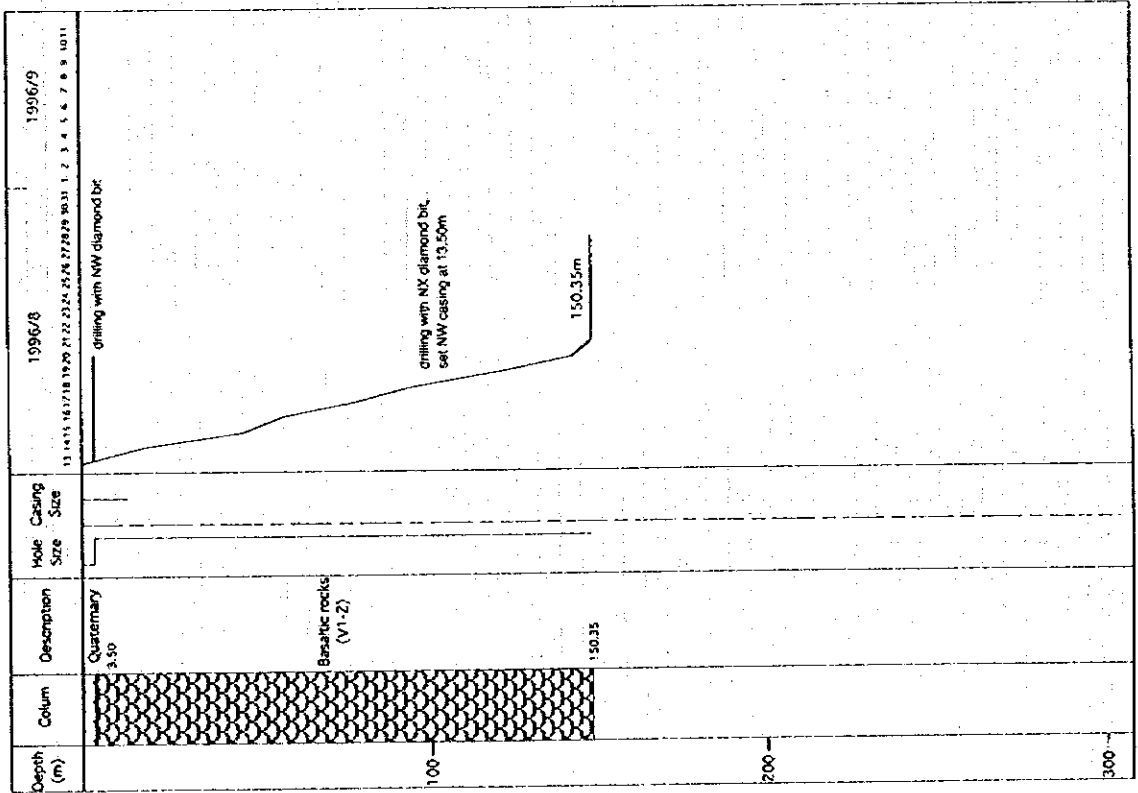




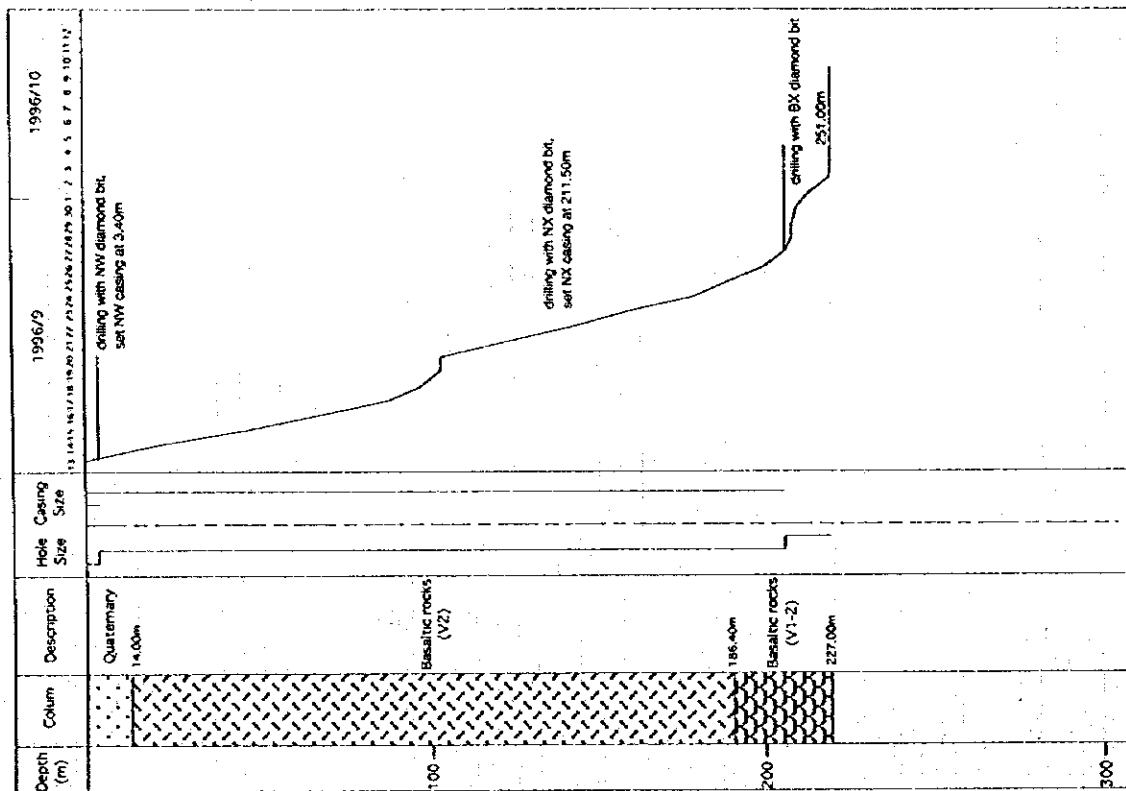
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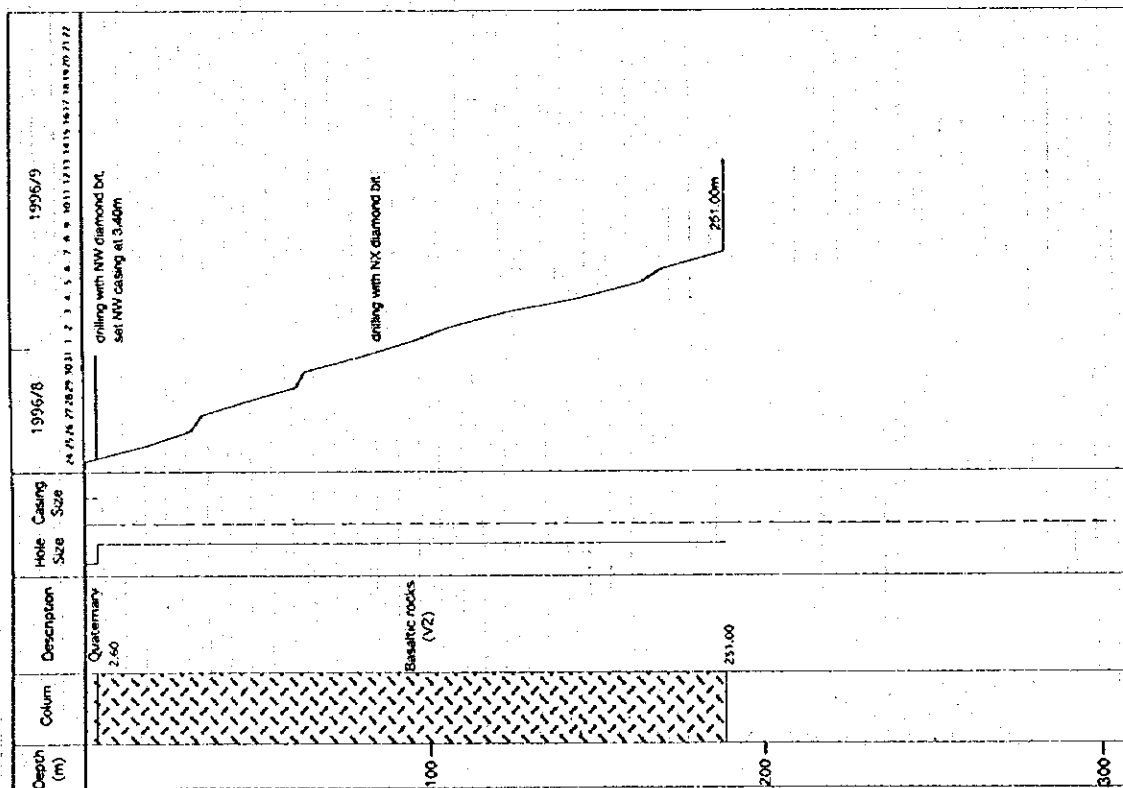
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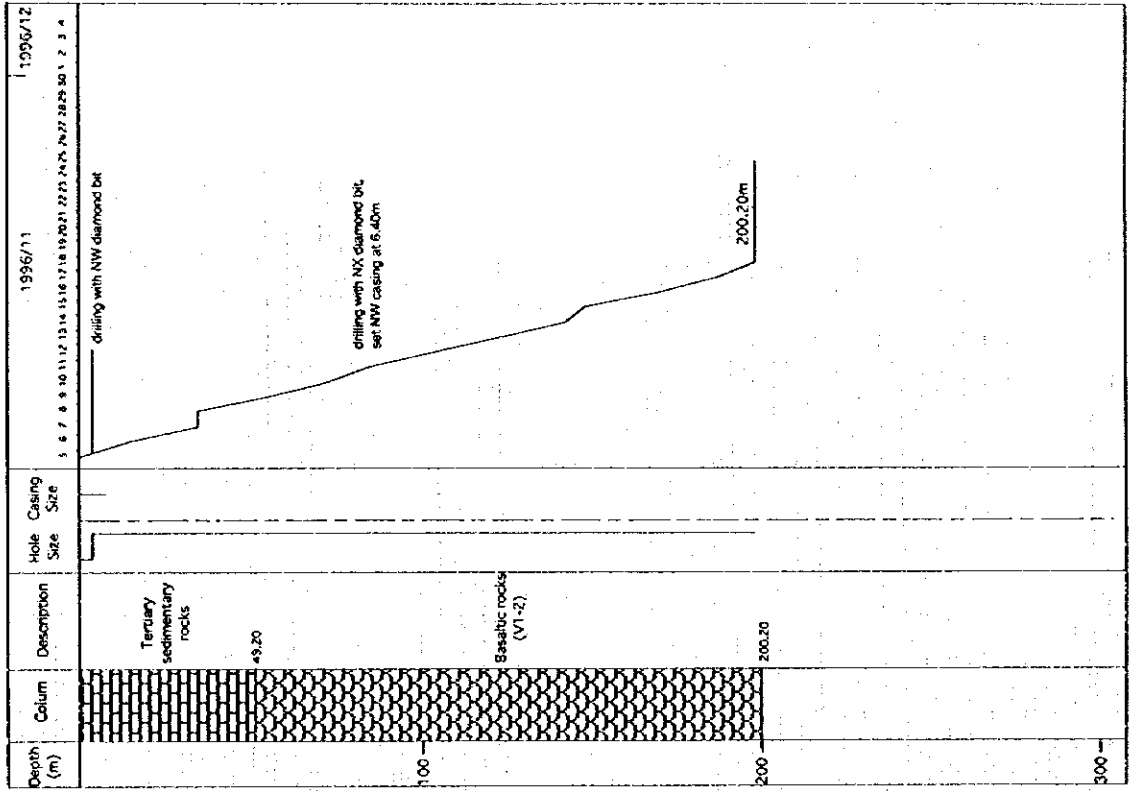
MJOB-A2



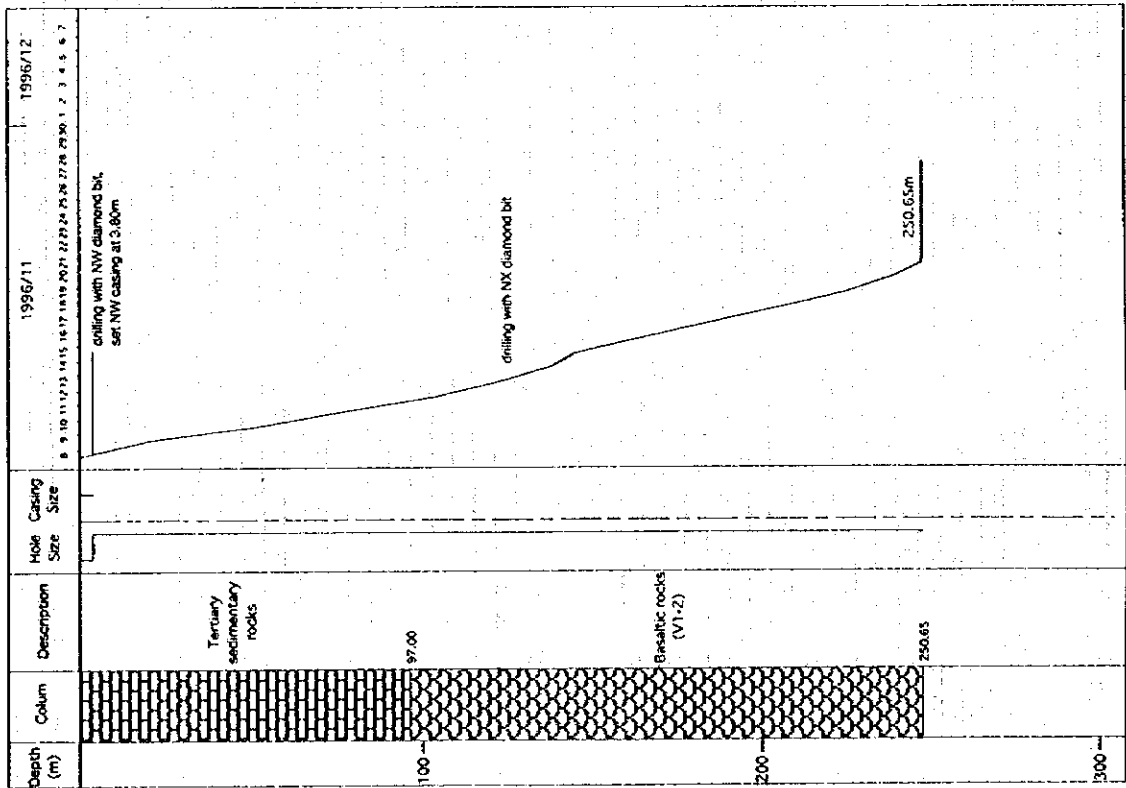
MJOB-A1



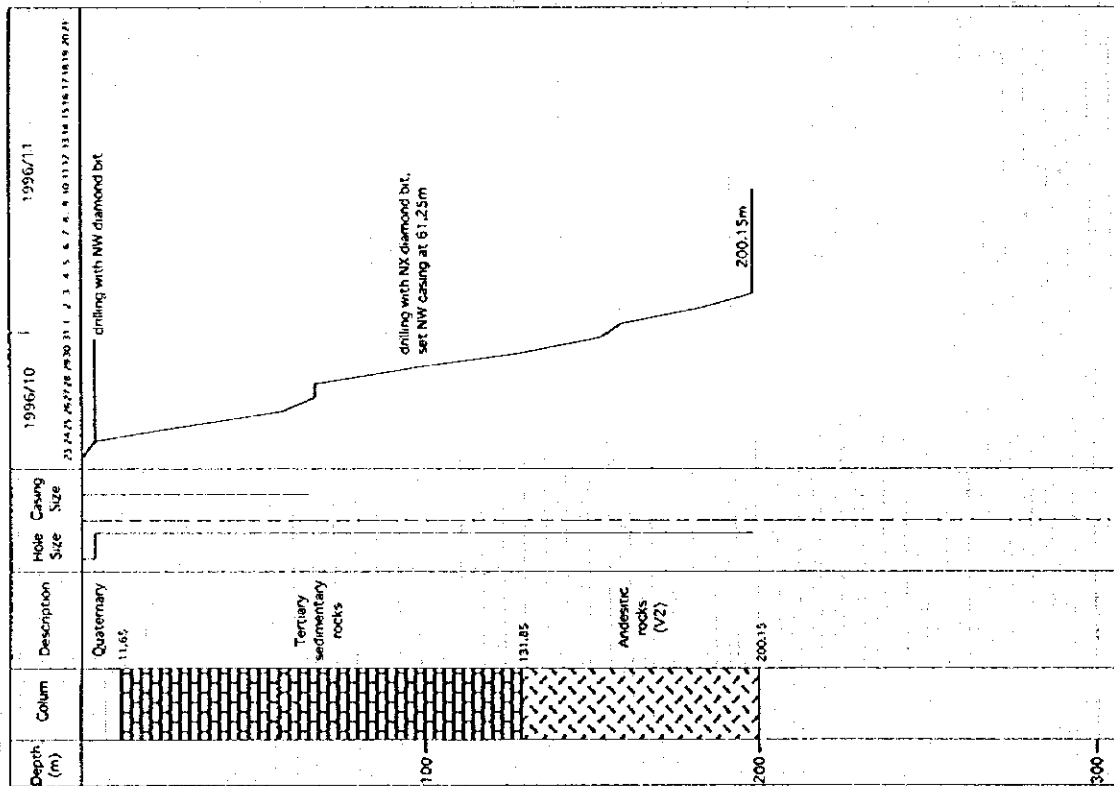
MJOB-F2



MJOB-F1



MJOB-R1



## Appendix 3

Drilling logs



Hole No. MJOB- G1 (From 0 m to 50m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
		Sludge									
2.00		Alluvial cover (gravel, sand)									
3.40		Slightly weathered basalt dyke (feeder dyke) with copper oxide along fractures and in cavities.	3.40-5.80 Copper oxide 3.40 Pyrite disseminations (oxidized)								
5.80		Slightly weathered pillow lava (VI-2)									
6.90		Slightly weathered basalt dyke (feeder dyke)									
9.70		Slightly weathered massive lava									
10											
10.55		Light green massive lava									
12.20		Light green pillow lava (VI-2)									
14.00		Light green massive lava									
15.80		Light green pillow lava (VI-2)									
19.50		Light green massive lava									
20											
23.25		Light bluish green slightly argillized pillow lava (VI-2)	23.25 Pyrite > chalcopyrite dissemination; large spots	23.80							
				24.70	0.9	nd	nd	0.42	nd	0.02	16.86
				26.70	0.7	nd	nd	0.27	nd	0.02	16.86
				27.40							
				27.80							
28.40		Reddish brown metalliferous sediment		28.80	1	nd	nd	0.43	nd	0.02	16.12
28.70		28.40-28.55		29.80	1	nd	nd	0.34	nd	0.02	16.44
30		28.70-28.80	Intense dissemination of pyrite and chalcopyrite in metalliferous sediment	30	1	nd	nd	0.21	nd	0.02	15.49
		30.00-30.20		31.05							
31.05		Reddish brown metalliferous sediment		31.05	1	nd	nd	0.06	nd	<0.01	12.65
31.90		Reddish brown metalliferous sediment		32.05	1	nd	nd	0.19	nd	<0.01	10.1
32.25		Reddish brown metalliferous sediment		33.05							
34.05		Light bluish green slightly argillized pillow lava (VI-2); phytic		34.05	1	nd	nd	0.04	nd	<0.01	7.99
				35.55	1.5	nd	nd	0.25	nd	0.02	15.69
			35.55 Sphalerite > chalcopyrite > pyrite dissemination; large spots (2-5mm)								
			37.45 Slight pyrite dissemination								
40		Reddish brown metalliferous sediment		42.20	0.4	nd	nd	0.33	nd	<0.01	9.39
		42.20-42.60	42.20 pyrite dissemination with 42.60 chalcopyrite stringer	42.60							
		Light bluish green slightly argillized pillow lava (VI-1) with thick interpillows; aphyric	Pyrite dissemination								
49.60		Silicified pillow lava (VI-1)		49.60							
50											

## Hole No. MJOB- G1 (From 50 m to 100m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
50.45			Pyrite intense dissemination and fine veinlets								
51.10		Basalt dyke									
		Silicified light bluish green pillow lava(V1-1) pillow size; 30-50cm									
		51.60-58.00 Intensely silicified									
		51.10-126.90 With gypsum veins of 0.5-1cm in width									
57.30			58.00 Pyrite and chalcopyrite disseminations								
60		Silicified light green massive lava									
61.00			61.15 Pyrite dissemination								
		Silicified light bluish green pillow lava(V1-1) pillow size; 30-50cm									
			68.45 Chalcopyrite spots								
			68.90 Pyrite dissemination and pyrite fine network								
70											
73.50			73.50 Slight pyrite dissemination with hematite and quartz network								
		Slightly silicified light green to green pillow lava(V1-1) with nodular jasper pillow size; 50-120cm commonly showing amigdaloidal texture									
80			79.05-79.45 Intense pyrite dissemi.								
			Slight pyrite dissemination								
			85.20 Pyrite and chalcopyrite intense dissemination	85.25	1.15	n.d.	n.d.	0.04	n.d.	<0.01	14.51
			86.40	86.40							
			Pyrite dissemination								
90											
			93.70 Slight pyrite dissemination								
94.30		Basalt dyke									
96.20											
		Slightly silicified green pillow lava (V1-1)									
			98.30 Pyrite-chalcopyrite brood network	98.30							
100			100.00	99.45	1.15	n.d.	n.d.	0.23	n.d.	0.01	12.42



G1

Hole No. MJOB-G1 (From 100 m to 150m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
		Slightly silicified green pillow lava (VI-1)	100.00 Pyrite dissemination								
		With gypsum veins of 0.5-2cm in width									
105.00		Green pillow lava (VI-1) pillow size; 50-100cm	105.00 Intense dissemination of pyrite and chalcopyrite	105.00	1.2	n.d.	n.d.	0.05	n.d.	0.01	12.39
				106.20							
				107.20							
108.10		Slightly silicified light green pillow lava (VI-1)		108.20				0.16	n.d.	0.01	12.99
				108.20				0.17	n.d.	0.01	13.76
110			109.70 Dense dissemination of fine pyrite with local dissemination of chalcopyrite	109.20	1	n.d.	n.d.	0.08	n.d.	0.02	14.84
				109.70	0.5	n.d.	n.d.	0.09	n.d.	0.02	14.22
114.30		Green to light green pillow lava (VI-1) pillow size; 100-150cm	115.50 Pyrite dissemination and pyrite-quartz network								
120											
124.00		Dark green pillow lava (VI-1) pillow size; 30-150cm showing amygdaloidal texture									
		126.90-152.00 With gypsum veins of under 0.5cm in width	129.15 Pyrite dissemination and pyrite-hematite-quartz network								
130											
			133.70 Chalcopyrite spots								
			137.40 With chalcopyrite dissemination and local sphalerite dissemination								
140											
141.45		Green to light green massive lava									
145.10		Green to light green pillow lava (VI-1)									
146.85		Dark green to dark grey massive lava									
150			148.90 Sparse pyrite-quartz network and fine pyrite dissemi.								

G1

Hole No. MJOB- G1 (From 150 m to 200m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
150.20	[Scale pattern]	Dark green to dark grey pillow lava (V1-1)									
			152.00	151.90							
			153.50 With local chalcopryrite dissemination and chalcopryrite-pyrite-quartz veinlets								
158.30	[V pattern]	Dark green to dark grey massive lava									
160	[V pattern]										
160.35	[V pattern]										
163.00	[Scale pattern]	Dark grey pillow lava(V1-1) pillow size; 60-80cm									
164.45	[Dotted pattern]	Basalt dyke									
164.45	[Scale pattern]	Greyish green pillow lava(V1-1) pillow size; 30-50cm with reddish jasper fragments	164.45 Pyrite veinlets and dissemination								
			165.45 Pyrite and chalcopryrite bearing quartz veinlets								
			165.70								
168.40	[Dotted pattern]	Doleritic basalt dyke	Very fine pyrite slight dissemination								
169.25	[Dotted pattern]										
170	[Scale pattern]	Dark grey pillow lava(V1-1) pillow size; 30-70cm showing amygdaloidal texture	170.10 Chalcopryrite bearing quartz-hematite veinlets								
180	[Scale pattern]										
186.50	[Scale pattern]	186.50 End of hole									
190											
200											

Hole No. MJOB-G2 (From 0 m to 50m)

G2

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
1.30		Sludge									
		Alluvial cover (gravel, sand)									
3.60		Weathered basalt dyke (feeder dyke)									
4.25		Light yellowish green doleritic basalt dyke (feeder dyke); coarse grained, with minor calcite veinlets, showing amygdales in parts									
10											
11.70		Basalt dyke									
12.10		Light yellowish green doleritic basalt dyke (feeder dyke)									
14.55		Basalt dyke									
15.40		Light yellowish green doleritic basalt dyke (feeder dyke)									
17.75		Basalt dyke; fractured									
18.20		Light yellowish green doleritic basalt dyke (feeder dyke)									
20		Basalt dyke; fractured									
20.20											
20.85		Brownish green doleritic basalt dyke (feeder dyke)									
28.05		Light green pillow lava (V1-2)	28.05 Pyrite dissemination								
30			29.30 Pyrite-epidote network with chalcopyrite and sphalerite spots								
33.00		Reddish brown metalliferous sediment 2cm in thick	33.00 Slight pyrite dissemination								
34.05		Green pillow lava (V1-2)									
35.70		Fault; 45 deg. to core axis									
40		Green coarse grained gabbroic massive lava (sheet flow)									
49.60											
50											

Hole No. MJOB- G2 (From 50 m to 100m)





G2

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
		Green coarse grained gabbroic massive lava(sheet flow)									
		53.45-54.85 Intense epidotization									
54.85		Conglomeratic metalliferous sediment with gypsum veinlets	54.80-55.35 Pyrite-chalcopyrite dissemination and pyrite-chalcopyrite-sphalerite-quartz veinlets								
60		Black to dark brown basalt pillow lava with thick interpillows(VI-1) pillow size; 1-2m showing amigdaloidal texture									
64.50		Dark green hayaloclastite									
67.60		Black to dark brown basalt pillow lava with thick interpillows(VI-1)									
69.40		Metalliferous sediment; 3cm in thick	69.00 Pyrite dissemination in interpillows								
70		Black to dark brown basalt pillow lava with thick interpillows(VI-1) 71.80, 77.00 Gypsum veinlets 1-2m in thick									
78.30		Black to dark brown massive lava with hematite stripes in matrix	76.90 Slight pyrite dissemination								
80											
85.00		Black to dark brown basalt pillow lava with thick interpillows(VI-1) pillow size; 1-2m showing amigdaloidal texture									
90											
95.10		Dark green hayaloclastite									
99.30											
100		Greyish green pillow lava(VI-1)									

Hole No. MJOB-G2 (From 100 m to 150m) G2

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
102.05		Greyish green pillow lava(VI-1)									
		Dark brown to dark green pillow lava lava(VI-1) with thick interpillows(5-100cm); pillow size; 30-120cm commonly showing amygdaloidal texture. with quartz-hematite veinlets in parts.									
110			110.30 Pyrite dissemination								
		113.70-114.05 Strongly silicified	113.70-115.45 Dense pyrite-chalcopyrite network 113.90 3cm thick fenticular chalcopyrite								
			116.80 Pyrite network and pyrite dissemination								
120											
120.95		Dark brown to dark green massive lava(VI-1)									
125.65		Dark brown to dark green pillow lava lava(VI-1); commonly showing amygdaloidal texture. pillow size; 30-120cm with quartz-hematite veinlets in parts.									
130			Intense pyrite dissemination in interpillows								
			135.35 Pyrite intense dissemination with chalcopyrite dissemination and pyrite-quartz-hematite network								
140											
141.45		Green to light green massive lava									
			143.95 Pyrite-quartz network and pyrite dissemination								
145.10		Green to light green pillow lava (VI-1)									
			144.35-144.65 Chalcopyrite dissemination								
146.85		Dark green to dark grey massive lava									
150			148.35-148.40 Chalcopyrite dissemination								


Hole No. MJOB-G2 (From 150 m to 200m) G2

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
152.50		Dark green to dark grey massive lava		152.50							
153.70		Green hayaloclastite		153.70							
		Greyish green slightly silicified pillow lava with jasper fragment in parts pillow size: 30-120cm argillized along fracture	<p>Pyrite-hematite-quartz sparse network and slight pyrite dissemination</p> <p>156.70-157.10 Pyrite-sphalerite-quartz veinlets</p> <p>159.75 Chalcopyrite dissemination</p> <p>161.00</p> <p>162.80 Pyrite dissemination and pyrite-quartz network</p> <p>164.90-165.40 Sphalerite dissemination</p> <p>173.45-174.30 Sphalerite dissemination</p> <p>174.15-174.45 Massive pyrite filled in brecciated part</p> <p>176.40 Pyrite-quartz sparse fine network with slight pyrite dissemination</p> <p>177.15 Fine chalcopyrite dissemination</p> <p>181.90 Slight fine pyrite dissemination</p> <p>183.60-206.45 Strongly chloritized</p> <p>195.80 Sparse pyrite network and pyrite dissemination</p>								
160											
170											
176.40		Green to dark green chloritized pillow lava(VI-1) pillow size: 30-150cm showing amygdaloidal texture		176.40							
180											
190											
200											

Hole No. MJOB-G2 (From 200 m to 250m) G2


Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
		Green to dark green chloritized pillow lava(VI-1)									
206.45			206.45 Dense pyrite network	206.45							
		Green to light green pillow lava(VI-1) slightly silicified pillow size; 30-150cm		207.45	1	nd	nd	<0.01	nd	0.02	13.19
				208.45	1	nd	nd	<0.01	19	0.02	10.86
209.85				209.85	1.4	nd	nd	<0.01	26	0.08	11.95
210		Dark green hyaloclastite; strongly chloritized		209.85							
211.65			211.65 Pyrite-chalcopyrite-quartz network with sphalerite dissemination in parts	211.65							
		Green to light green pillow lava(VI-1) slightly silicified and argillized pillow size; 30-100cm		212.65	1	nd	nd	0.02	32	0.21	11.5
				213.65	1	nd	nd	0.09	nd	0.27	16.23
				214.65	1	nd	nd	0.15	nd	0.35	18.3
				215.65	1	nd	nd	0.02	nd	0.22	15.11
				216.65	1	nd	nd	0.30	19	0.10	19.65
				217.65	1	nd	nd	0.13	nd	0.05	15.03
			219.35 Dense pyrite network.	219.35	1.7	nd	nd	0.08	nd	0.19	13.64
220				219.35							
				222.40							
				222.40	1	nd	nd	0.06	nd	0.47	18.76
				223.40	1	nd	nd	0.04	13	0.09	22.47
				224.40							
				225.40	1	nd	nd	0.17	nd	0.22	21.12
				226.05	0.65	nd	nd	0.11	nd	0.21	18.69
			pyrite-quartz network with pyrite dissemination with With pyrite-chalcopyrite-sphalerite-quartz veinlets or fine network in parts	226.05							
230											
240											
250											

Hole No. MJOB- G2 (From 250 m to 300m) G2

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)		
260		Green to light green pillow lava (V1-1) slightly silicified and argillized	pyrite-quartz network with pyrite dissemination with With pyrite-chalcopyrite-sphalerite-quartz veinlets or fine network in parts										
			261.20 Pyrite dissemination coarse grained										
			262.70 Pyrite-sphalerite-quartz network										
			265.20 Pyrite-sphalerite-quartz veinlets and pyrite dissemination										
270			270.15 Intense pyrite dissemination										
272.00			272.00 Intense pyrite-quartz network and pyrite dissemi. with pyrite-chalcopyrite-quartz veinlets and chalcopyrite dissemination in parts	Light green silicified pillow lava (V1-1) pillow size: 1-2m argillized along fractures									
280			279.80 Intense pyrite dissemi. and sparse pyrite-quartz veinlets with fine chalcopyrite dissemination and quartz-pyrite-chalcopyrite veinlets in parts										
			284.55-284.65 30% pyrite in strongly silicified part										
290			291.50-291.60 30% massive pyrite in quartz vein? with chalcopyrite										
300													



Hole No. MJOB-G2 (From 300 m to 305m) G2










Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
		Dark green to dark grey pillow lava (V1-I)	↓ 300.90 Pyrite dissemination 301.00-301.20 30% pyrite in silicified interpillow ↓ 305.40								
305.40		305.40 End of hole									
310											
320											
330											
340											
350											

Hole No. MJOB- G3 (From 0 m to 50m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
1.00		Sludge									
		Alluvial cover (gravel, sand)									
6.10		Slightly weathered light grey basalt massive lava	6.10 pyrite dissemination (oxidized)								
9.70		Light grey to light green basalt pillow lava (V1-2); slightly weathered pillow size; 50-100cm with epidotized interpillow									
18.20		Light bluish green basalt pillow lava (V1-2); slightly weathered pillow size; 10-80cm									
20											
			23.50 Scattered pyrite dissemination; coarse grained								
			26.25								
			Fine pyrite dense dissemination; very intense large size pyrite dissemination with chalcopyrite dissemi. and pyrite-chalcopyrite-quartz veinlets in parts								
30											
			32.50 Slight pyrite dissemination in pillows and intense pyrite dissemination in interpillows with chalcopyrite spots in parts								
			39.10-39.25 Chalcopyrite predominant chalcopyrite-pyrite-chlorite-quartz veinlets								
40											
			39.60 Pyrite and chalcopyrite spots in parts								
			44.20 Slight pyrite dissemination in pillows and intense dissemination of large grained pyrite in interpillows with chalcopyrite spots in parts								
50											
			48.90								

Hole No. MJOB- G3 (From 50 m to 100m)

G3

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
50.00		Light bluish green basalt pillow lava (V1-2); slightly silicified pillow size: 10-80cm									
		Epidote veinlets in pillows and irregular lenticular epidote in interpillow									
60											
			64.05 - 64.25 Pyrite and chalcopyrite dissemination in parts								
66.80		Light green basalt massive lava; porphyritic, slightly silicified									
70			66.60 - 67.00 Chalcopyrite and pyrite bearing quartz veinlets, 68.60 and chalcopyrite dissemi.								
74.95		Basalt dyke									
75.30		Light green coarse grained basalt massive lava; slightly silicified									
80			78.70 Slight pyrite and chalcopyrite disseminations								
81.30		Light green basalt pillow lava (V1-2); slightly silicified pillow size: 30-150cm									
			81.30 Slight pyrite dissemination in interpillows, chalcopyrite spots in parts								
86.20		Light bluish green basalt massive lava slightly silicified									
			86.20 Slight dissemination of fine pyrite								
90											
			90.55-90.90 Chalcopyrite dissemination								
93.00		Light green basalt pillow lava (V1-2); slightly silicified									
95.20											
98.80		Light bluish green basalt pillow lava (V1-2); slightly silicified									
100											

## Hole No. MJOB- G3 (From 100 m to 150m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
100.55		Light bluish green basalt massive lava(V1-2); slightly silicified relatively strong silicification in parts									
110											
114.00		Green basalt pillow lava(V1-2) pillow size; 40-200cm epidote predominant in interpillows	115.15 Intense chalcocrite and pyrite dissemination	115.15							
				115.85	0.7	nd	nd	0.62	nd	0.02	13.93
					1.15	nd	nd	0.27	nd	0.02	15.59
				117.00							
				118.00	1	nd	nd	0.22	nd	0.01	12.18
				119.10	1.1	nd	nd	0.61	nd	0.01	15.50
120				120.10	1	nd	nd	0.79	nd	0.01	9.18
121.30		Light green silicified basalt pillow lava(V1-2) pillow size; 30-50cm	121.30 Fine grained pyrite dissemination	121.30	1.2	nd	nd	0.50	nd	0.01	9.98
				123.30	2	<0.1	<0.5	0.01	nd	0.01	7.66
125.60		Green basalt dyke	124.45 Slight pyrite dissemi. with chalcocrite dissemi.	125.30	2	<0.1	<0.5	0.01	nd	0.01	5.39
127.85		Green basalt dyke	127.65 Chalcocrite and pyrite dissemination	127.30	2	nd	<0.5	0.01	nd	0.01	7.14
128.95		Green basalt dyke		128.90	1.6	nd	<0.5	0.01	nd	0.01	8.95
130				130.00	1.1	nd	0.5	0.18	nd	<0.01	7.70
132.00		Strongly silicified part Green basalt dyke	131.65 Pyrite dissemination	131.00	1	nd	nd	0.20	nd	<0.01	9.22
133.00				131.65	0.65	nd	nd	0.65	nd	0.01	10.38
133.45		Massive sulphide	133.45 Massive sulphide	133.00	1.35	nd	0.5	<0.01	nd	<0.01	3.85
				134.45	1	nd	3.5	4.33	nd	0.04	58.68
				135.45	1	nd	3.9	7.92	nd	0.04	55.12
				136.45	1	nd	5.3	5.89	nd	0.04	56.40
				137.45	1	nd	3.2	3.39	nd	0.04	60.89
138.60		Green basalt dyke	138.60 Pyrite dissemination	138.60	1.15	nd	2.6	3.00	nd	0.04	61.80
140		Massive sulphide	140.00 Massive sulphide	140.00	1	nd	3.6	3.72	nd	0.07	62.98
142.80		Strongly silicified and slightly argillized rock; stockwork ore	142.15-142.80 Fine grained pyrite with clay	142.15	1.15	nd	4.4	7.21	nd	0.06	58.12
			142.80	142.80	0.65	nd	1.3	0.11	nd	<0.01	25.9
			Stockwork ore zone; dense pyrite-chalcocrite network and disseminations	143.80	1	nd	1.2	0.02	nd	<0.01	9.95
				144.80	1	nd	2.0	<0.01	nd	0.07	17.10
				145.80	1	nd	2.0	0.02	nd	0.46	11.79
			147.20-158.40 Chalcocrite predominant	147.20	1.4	nd	2.9	0.02	nd	0.55	16.70
				148.20	1	nd	5.9	0.51	nd	0.27	14.88
150				149.20	1	nd	2.0	0.29	nd	0.38	19.96
					1	nd	2.3	0.50	nd	0.25	13.47

Hole No. MJOB- G3 (From 150 m to 200m) G3

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
	[Cross-hatched pattern]	Strongly silicified and slightly argillized rock; stockwork ore	Stockwork ore zone with sphalerite dissemi. in parts.	150.20							
				151.20	1	nd	1.4	0.28	nd	0.04	15.79
				152.20	1	nd	1.4	0.07	nd	0.21	22.65
				153.20	1	nd	1.4	0.20	nd	0.02	23.70
				154.20	1	nd	1.0	0.03	nd	<0.01	24.59
				155.20	1	nd	1.1	0.13	nd	0.01	19.29
				156.20	1	nd	1.3	0.38	nd	0.01	23.41
				157.20	1	nd	1.6	0.41	nd	<0.01	33.60
				158.20	1	nd	2.0	1.31	nd	0.02	32.82
				159.20	1	nd	1.5	0.90	nd	<0.01	22.72
160				160.20	1	nd	1.0	0.12	nd	<0.01	13.90
				161.20	1	nd	1.0	0.10	nd	<0.01	15.99
				162.20	1	nd	2.0	0.57	nd	0.03	15.99
				163.20	1	nd	nd	0.15	nd	0.01	12.76
163.80				164.20	1	nd	0.54	nd	0.01	13.35	
	165.20	1	nd	2.0	2.82	nd	0.02	26.52			
	166.65	1.45	nd	nd	0.17	nd	<0.01	16.47			
166.65	167.15	1	nd	2.0	0.14	nd	0.03	14.15			
167.15	168.15	1	nd	2.0	0.41	nd	0.03	17.76			
	169.15	1	nd	nd	0.16	nd	0.03	15.15			
170	170.15	1	nd	0.39	nd	0.03	13.85				
	171.15	1	nd	0.41	nd	0.03	16.63				
	172.15	1.05	nd	0.40	nd	0.03	17.71				
173.20	173.20	1.6	nd	1.41	nd	0.02	18.90				
	174.80	1	nd	0.30	nd	0.02	13.07				
175.65	175.80	1	nd	0.43	nd	0.02	12.75				
	176.80	1	nd	2.0	1.24	nd	0.02	14.11			
	177.80	0.9	nd	1.5	1.42	nd	0.02	14.83			
	178.70	1.2	nd	nd	0.01	nd	0.03	13.85			
180	179.90										
	183.55-183.65		With massive chalcopyrite								
	185.35		Stockwork ore zone; pyrite>chalcopyrite disseminations	185.35	1	nd	nd	0.08	nd	0.01	17.42
	186.35			186.35	1	nd	nd	0.28	nd	0.01	21.82
	187.05-187.65		Chalcopyrite predominant	187.35	1	nd	nd	0.08	nd	0.01	19.42
	188.35			188.35	1.55	nd	nd	0.05	nd	0.01	21.98
190	189.90		Chalcopyrite predominant	189.90	1	nd	nd	0.10	nd	<0.01	28.49
	190.90			190.90	1	nd	nd	0.10	nd	0.02	32.48
	191.90			191.90	1	nd	nd	0.32	nd	<0.01	21.12
	192.90			192.90	1	nd	nd	0.29	nd	<0.01	22.10
	193.90			193.90	1	nd	nd	0.05	nd	<0.01	19.13
	194.90			194.90	1	nd	nd	0.14	nd	<0.01	18.66
	195.90			195.90	1	nd	2.5	0.57	nd	0.03	27.02
	196.90			196.90	1	nd	1.0	0.27	nd	0.01	15.16
	197.90			197.90	1	nd	nd	0.10	nd	<0.01	15.65
200	199.90			199.90	1	nd	nd	0.09	nd	0.01	17.60

Hole No. MJOB- G3 (From 200 m to 250m)

G3

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)	
				200.90	1	nd	1.5	0.48	nd	0.02	24.46	
					1.55	nd	1.0	0.30	nd	0.01	19.09	
		White to light grey silicified and argillized rock; relatively loose	202.45 Stockwork ore zone; Massive or vein-like chalcop- pyrite>pyrite and pyrite> chalcopyrite disseminations	202.45	1	nd	2.0	0.78	nd	0.03	19.70	
				203.45	1	nd	2.0	0.21	nd	0.01	17.22	
				204.45	1	nd	2.5	0.28	nd	0.01	18.57	
				205.45	0.75	nd	2.0	0.28	nd	0.01	18.02	
				206.20 Stockwork ore zone; Pyrite>chalcopyrite dissemi. with pyrite-chalcopyrite veinlets.	206.20	1	nd	nd	0.38	nd	0.01	26.03
				207.20	1	nd	1.5	0.16	nd	<0.01	17.84	
				208.20	1	nd	1.0	0.16	nd	<0.01	15.06	
210				5-10cm size massive pyrite >chalcopyrite in parts.	209.20	1	nd	1.5	0.22	nd	<0.01	25.51
					210.20	1	nd	1.5	0.30	nd	<0.01	19.19
					211.20	1	nd	1.5	0.31	nd	<0.01	18.01
				212.20	1	nd	1.0	0.40	nd	0.01	21.24	
				213.20	0.8	nd	nd	0.31	nd	<0.01	18.95	
			214.00 Stockwork ore zone; Intense pyrite dissemination with pyrite veinlets.	214.00	1	nd	1.0	0.14	nd	<0.01	19.23	
				215.00	1	nd	nd	0.08	nd	<0.01	24.33	
				216.00	1	nd	1.0	0.30	nd	0.01	24.46	
			Chalcopyrite dissemination in parts.	217.00	1	nd	1.0	0.32	nd	<0.01	17.73	
				218.00	1	nd	nd	0.15	nd	<0.01	14.56	
				219.00	1	nd	1.5	0.43	nd	0.13	15.58	
220				220.00	1	nd	nd	0.33	nd	0.03	16.94	
				221.00	1	nd	nd	0.38	nd	<0.01	21.02	
				222.00	1	nd	nd	0.36	nd	<0.01	18.92	
				223.00	1	nd	nd	0.37	nd	0.01	22.38	
				224.00	1	nd	nd	0.22	nd	0.01	19.95	
				225.00	1	nd	nd	0.17	nd	0.01	18.51	
				226.00	1	nd	1.0	0.14	nd	0.01	18.63	
				227.00	1	nd	1.5	0.26	nd	0.05	18.86	
				228.00	1	nd	1.0	0.26	nd	0.01	25.55	
				229.00	1	nd	1.0	0.36	nd	0.01	20.34	
230				230.00	1	nd	1.5	0.37	nd	0.04	19.14	
				231.00	1	nd	2.0	0.64	nd	0.03	21.09	
232.00				232.00	1	nd	nd	0.41	nd	0.09	19.36	
		Light grey strongly silicified pillow lava(V1-1) pillow size: 30-100cm	233.50 Intense pyrite dissemi. with local dissemination of chalcopyrite	233.50	1.5	nd	nd	0.41	nd	0.09	19.36	
				239.40 Fine and spotted pyrite dissemination with chalcop- pyrite dissemination and pyrite-chalcopyrite-quartz veinlets.								
				244.40-246.00 With sphalerite dissemination								
				246.10-247.25 With intense chalcopyrite dissemination	246.10							
					247.25	1.15	nd	nd	0.30	nd	0.13	16.01
				249.10 With sphalerite dissemination								
250												

Hole No. MJOB- G3 (From 250 m to 300m)

G3

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.I. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
251.80		White to light grey silicified and argillized rock	With sphalerite dissemi.								
260			257.65								
260.70		Silicified and argillized, light grey pillow lava(V1-1)	Fine and spotted pyrite dissemination with chalcopyrite dissemination and pyrite-chalcopyrite-quartz veinlets.								
270			270.50								
270.50		Silicified and argillized, light grey hyaloclastite	Fine pyrite dissemi. Fine pyrite dissemination								
273.30		Silicified and argillized, light grey pillow lava(V1-1)	273.30 Fine pyrite dissemination and sphalerite-pyrite-chalcopyrite veinlets or network.								
280				279.50							
				281.50	2	nd	2.2	0.17	39	3.47	14.54
				283.50	2	nd	1.7	0.18	39	3.76	13.24
				285.50	2	nd	1.0	0.06	39	1.78	11.46
					2.7	<0.1	1.5	0.17	19	1.91	11.59
288.20		Silicified and argillized, light grey massive lava	288.20 Fine pyrite dissemination and sparse pyrite-chalcopyrite-sphalerite veinlets. With sphalerite dissemination in parts.	288.20							
290											
294.50		Silicified and argillized, light grey pillow lava(V1-1)									
300	300.40	End of hole	300.40								

Hole No. MJOB-G4 (From 0 m to 50m)

G4

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
1.00		Sludge									
		Alluvial cover (gravel, sand)									
5.30		Consolidated alluvial cover; gravel bed cemented by calcareous matrix (calcrete)									
10											
10.90		Pale yellowish green, weathered basalt pillow lava (V1-2) pillow size; 30-100cm	10.90 Fine grained pyrite slight dissemination and pyrite veinlets (oxidized upto -23.70m)								
20											
25.35		Basalt dyke									
26.90											
28.05		Light greenish grey basalt pillow lava (V1-2) pillow size; 100-150cm									
30											
40											
40.90		Basalt dyke									
41.45											
		Light greenish grey basalt pillow lava (V1-2) pillow size; 100-150cm									
48.85											
50		Light greenish grey massive lava									



Hole No. MJOB- G24 (From 50 m to 100m) G4

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
50.90		Light greenish grey massive lava									
51.85		Basalt dyke	51.85 Pyrite dissemination								
		Greenish grey basalt pillow lava (V1-2) with calcite veinlets									
60		60.40-60.45 Basalt dyke									
		Greenish grey basalt pillow lava (V1-2) with calcite veinlets									
66.70		Greenish grey basalt massive lava	66.45								
68.70		Light greenish grey basalt pillow lava (V1-2)									
70			69.90 Pyrite dissemination and pyrite-epidote-calcite veinlets								
70.15		Greenish grey basalt massive lava									
73.40		Light greenish grey basalt pillow lava (V1-2)	73.80 Sphalerite-chalcopyrite-calcite veinlets								
74.80		Basalt dyke	74.50 Fine grained pyrite slight dissemination								
75.80		Light greenish grey basalt pillow lava (V1-2)									
78.30											
80		Basalt dyke	79.80								
80.10		Slightly silicified	80.20 Pyrite fine veinlets and fine grained pyrite dissem.	82.90							
80.90				83.90	1	<0.1	2.3	0.72	nd	1.51	12.28
				84.70	0.8	<0.1	1.5	0.03	nd	0.65	10.95
		Light greenish grey basalt pillow lava(V1-2)	82.90 Sphalerite-chalcopyrite network and intense pyrite dissemination								
			84.70								
			Pyrite fine veinlets and fine grained pyrite dissem.								
90		90.05-90.30 Basalt dyke									
		Light greenish grey basalt pillow lava(V1-2)									
92.20		Light greenish grey basalt massive lava	92.15-95.60 With sphalerite dissemi.								
95.00		Light greenish grey basalt pillow lava(V1-2)									
96.70		Light greenish grey basalt massive lava									
98.80		Light greenish grey basalt massive lava	99.25-101.45 With sphalerite dissemi. and sphalerite-chalcopyrite-calcite veinlets								
100		Greenish basalt pillow lava(V1-2)									

Hole No. MJOB-G4 (From 100 m to 150m) G4

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
101.45		Greenish basalt pillow lava(V1-2)	Pyrite fine veinlets and fine grained pyrite dissem.								
102.80		Basalt dyke									
		Light greenish grey basalt pillow lava(V1-2)	106.30-108.45 With Sphalerite-chalcopyrite-epidote veinlets								
		108.45-113.80 With epidote-calcite veinlets									
110											
			114.30-114.55 With fine grained chalcopyrite dissemi. and chalcopyrite veinlets								
115.60		115.60 Light green basalt massive lava; sheet flow; slightly silicified									
120			Slight pyrite dissemination and sparse pyrite veinlets with chalcopyrite dissemi. and chalcopyrite-pyrite-quartz veinlets in parts								
121.10		Light green basalt pillow lava(V1-2); slightly silicified pillow size: 40-80cm									
126.65		Basalt dyke									
127.30		Light green basalt pillow lava(V1-2); slightly silicified									
130											
130.65		Basalt dyke									
131.40		Light green basalt massive lava; slightly silicified									
135.50		Light green basalt pillow lava(V1-2); slightly silicified									
140											
		141.20 Dense epidote spots and veinlets									
		142.15-143.55 With strongly silicified interpillow									
145.10											
146.80		Light green basalt massive lava; slightly silicified									
150		148.00 149.80-150.15 Basalt dyke									

Hole No. MJOB- G4 (From 150 m to 200m) G4

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
150.15		Light green basalt pillow lava(V1-2); slightly silicified Epidote predominant in interpillows									
156.80		Basalt dyke									
158.50		Light green basalt pillow lava(V1-2); slightly silicified									
160		Metalliferous sediment(60 deg. to axis) 161.80-162.10 162.20-162.75	161.80 Pyrite dissemination in metalliferous sediments								
		Metalliferous sediment 164.60-164.70, 164.80-164.90 165.00-165.10, 165.85-166.30									
		Light green basalt pillow lava(V1-2) pillow size; very small, 5-10cm									
		Metalliferous sediment(60 deg. to axis) 168.15-168.65	168.15-168.65 Intense pyrite dissemination and chalcopyrite stringer in metalliferous sediment.								
170		(Remarks) Above metalliferous sediments contain fine grained epidote layers and magnetite layers.									
		Light green basalt pillow lava(V1-2); slightly silicified, epidote predominant in some interpillows									
			176.00-176.20 Chalcopyrite dissemination								
180		180.90-183.40 Strongly silicified									
			186.40 Pyrite dissemination in parts								
190											
			194.35 Pyrite slight dissemi. and pyrite stringer								
196.60		Light green basalt massive lava									
200			198.10-201.70 With pyrite-epidote-quartz veinlets								

Hole No. MJOB- G4 (From 200 m to 250m) G4

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
200.20		Basalt dyke	Pyrite slight dissemination and pyrite stringer.								
200.60		Light green basalt massive lava									
203.00		Light greenish grey basalt pillow lava (V1-2); epidote predominant in some interpillows pillow size; 40-100cm	203.60-205.45 With chalcopyrite, sphalerite dissemination in parts								
208.90		Basalt dyke									
210		Basalt dyke									
210.60		Light greenish grey basalt pillow lava (V1-2); epidote predominant in some interpillows									
220			215.70 With chalcopyrite-epidote-quartz fine veinlets in parts.								
221.65		Light green basalt massive lava	220.4								
223.70-223.95		Basalt dyke	224.00 Pyrite dissemination with chalcopyrite slight dissemination.								
229.90		Light greenish grey basalt pillow lava (V1-2)									
230		Light green massive lava; sheet flow, slightly argillized	231.25 Pyrite and chalcopyrite scattered dissemination.								
240			235.00 Sparse pyrite-epidote-quartz veinlets; containing chalcopyrite in parts.								
241.40		Light greenish grey basalt pillow lava (V1-2); slightly argillized									
250			248.40								

Hole No. MJOB- G4 (From 250 m to 300m) G4

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
260	[Cross-hatched pattern]	Light green basalt pillow lava(V1-1); slightly argillized	254.00 Chalcopyrite and pyrite dissemination in parts and epidote-pyrite-chalcopyrite fine veinlets.								
				261.40							
270				272.30 Chalcopyrite bearing pyrite- or hematite-quartz veinlets in parts.							
279.80				279.55-279.80 With chalcopyrite dissemi.							
280		[Dotted pattern]	Basalt dyke								
281.50			Light green pillow lava(V1-2)								
282.15			Light green massive lava; slightly argillized	282.40							
285.45			Light green basalt pillow lava(V1-2); slightly argillized	284.85 Chalcopyrite slight dissemination.							
288.10			Light green massive lava	288.40 Pyrite dissemination with chalcopyrite dissemi in parts.							
290			Metalliferous sediment(290.10-290.30)								
		Light green basalt pillow lava(V1-1)									
		Metalliferous sediment(60 deg. to core axis)									
		Light green basalt pillow lava(V1-1) with thick interpillow									
		291.90-300.35 With lenticular, irregular shape jasper fragment.									
300		300.50 End of hole	300.50								

Hole No. MJOB-G5 (From 0 m to 50m)

G5

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
0		Alluvial cover (gravel, sand); unconsolidated									
10											
10.10		Consolidated alluvial cover, gravel bed cemented by calcareous matrix (calcrete)									
20											
23.10		Light grey to light greenish grey basalt pillow lava (VI-2); pillow size; 60-100cm	23.10 Pyrite dissemination and pyrite fine veinlets with local distributions of chalcopyrite-pyrite-sphalerite-calcite veinlets and chalcopyrite-calcite veinlets.								
27.25		Light grey to light greenish grey hyaloclastic pillow breccia									
30											
30.70		Light greenish grey basalt pillow lava									
31.15		Light greenish grey basaltic massive lava									
32.50		Light greenish grey basalt pillow lava (VI-2)									
35.50		Basalt dyke									
36.25											
37.30		Light greenish grey basalt pillow lava									
38.10		Basalt dyke									
40		Light greenish grey basalt pillow lava (VI-2)									
41.95		Light greenish grey basaltic massive lava with epidote-calcite or calcite veinlets.									
44.10			44.10 Pyrite dissemination and pyrite-epidote-calcite veinlets								
45.20		Light greenish grey basalt pillow lava (VI-2)									
46.60		Basalt dyke	45.85-46.60 With Sphalerite, chalcopyrite dissemination and chalcopyrite-pyrite-sphalerite-quartz veinlets. 48.00-49.35 With chalcopyrite dissemination.								
50											

Hole No. MJOB- G5 (From 50 m to 100m) G5

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
51.00		Basalt dyke	50.80-51.00 Chalcopyrite>pyrite fine veinlets.  Pyrite fine veinlets with slight dissemination of pyrite>> chalcopyrite>sphalerite. Pyrite-sphalerite-chalcopyrite-calcite veinlets in parts.								
		Light greenish grey basaltic massive lava with calcite veinlets.									
55.55		Basalt dyke									
56.10		Light greenish grey basaltic massive lava with calcite veinlets.									
58.80		Light grey basalt massive lava									
60		Light grey basalt massive lava									
63.70		Very light grey basalt pillow lava (V1-2); slightly silicified pillow size; 30-120cm	61.70 Pyrite dissemination in parts with pyrite and sphalerite rarely bearing epidote-calcite veinlets.								
65.10		Dense epidote-calcite veinlets; with sphalerite in parts									
70											
80			83.20-83.30 Chalcopyrite dissemination.								
86.15		Basalt dyke	86.00 Fine grained pyrite dissemination and pyrite fine veinlets.								
86.70		Very light grey basalt pillow lava (V1-2); slightly silicified									
88.20		Basalt dyke	With chalcopyrite-pyrite-epidote-calcite veinlets in 87.20m and 90.90-91.65m.								
89.20		Very light grey basalt pillow lava (V1-2); slightly silicified									
90											
92.15		Basalt dyke	92.50 Pyrite slight dissemination and scattered pyrite fine veinlets. With pyrite-chalcopyrite-sphalerite-calcite veinlets in parts and slight disseminations of chalcopyrite and sphalerite.								
92.85		Very light grey basalt pillow lava (V1-2); slightly silicified pillow size; 30-120cm									
99.00		Basalt dyke									
100		Basalt dyke									

Hole No. MJOB- G5 (From 100 m to 150m) G5







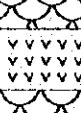






Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
101.10		Basalt dyke									
		Very light grey basalt pillow lava (V1-2); slightly silicified pillow size; 30-150cm									
		104.90 With epidote-quartz veinlets; pyrite bearing in parts									
110			109.85-110.30 Pyrite bearing epidote-quartz veinlets.								
113.70			112.00-113.60 Sphalerite bearing epidote-quartz veinlets.								
115.50		Very light grey, slightly silicified basalt massive lava									
116.90		Slightly silicified basalt pillow lava	116.65 Chalcopyrite bearing epidote-quartz veinlets.								
		Very light grey, slightly silicified basalt massive lava	118.20 Sphalerite bearing epidote-quartz veinlets.								
120		120.10 Fault or fracture zone, 5cm in width, brecciated									
120.20			122.55 2-3mm thick magnetite layer.								
		Very light grey basalt pillow lava (V1-2); slightly silicified pillow size; 30-150cm	122.60								
126.40		Green basalt dyke									
128.15											
130											
130.35		Very light grey, silicified basalt massive lava									
		133.05-136.90 Intense epidotization and silicification.	133.80 Pyrite intense dissemination with chalcopyrite dissemination.	134.00							
				135.50	1.5	<0.1	<0.5	0.26	nd	0.01	14.21
				136.90	1.4	<0.1	<0.5	0.40	nd	0.01	11.53
136.90		Massive sulphide	136.9 Massive sulphide	136.90	1.1	0.1	1.7	1.12	nd	0.05	56.42
		With 2cm thick magnetite layer on the top; 40 deg. to core axis		138.00	1	0.3	2.4	0.94	79	0.07	58.51
140				139.00	1	0.1	1.5	0.92	44	0.05	57.97
				140.00	1	0.2	1.3	0.85	49	0.05	58.17
				141.00							
				142.00	1	0.1	1.5	1.02	44	0.03	58.29
				143.00	1	0.2	1.8	0.45	44	0.04	58.33
				144.00	1	0.2	2.0	0.49	79	0.04	60.64
				145.00	1	0.1	1.6	0.61	54	0.04	59.25
				146.00	1	0.1	1.2	1.61	39	0.03	57.21
				147.00	1	<0.1	1.0	2.37	19	0.04	57.69
				148.00	1	0.1	1.5	3.70	nd	0.03	55.08
				149.00	1	0.4	2.9	3.69	39	0.03	53.85
150				149.00	1	0.1	1.5	1.05	nd	0.04	59.22



Hole No. MJOB- G5 (From 150 m to 200m) G5

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)	
150.00		Massive sulphide	Massive sulphide	150.00	1	<0.1	1.2	1.74	n.d.	0.04	57.27	
151.00				151.00								
152.00				152.00	1	<0.1	1.3	2.18	n.d.	0.04	56.20	
153.00				153.00	1	<0.1	1.2	1.97	n.d.	0.04	57.46	
154.00				154.00	1	0.1	1.6	2.31	n.d.	0.04	58.20	
155.00				155.00	1	0.1	1.3	2.23	n.d.	0.04	56.56	
156.00				156.00	1	0.1	1.0	2.00	n.d.	0.05	56.61	
157.00				157.00	1	0.1	1.0	1.74	29	0.05	55.95	
158.00				158.00	1	0.1	1.0	1.33	n.d.	0.05	54.28	
159.00				159.00	1	0.2	1.2	1.21	n.d.	0.06	58.30	
160.00				160.00	1	<0.1	1.0	1.04	n.d.	0.06	55.71	
161.00				161.00	1	<0.1	0.9	1.31	n.d.	0.05	57.01	
162.00				162.00	1	<0.1	1.3	1.5	n.d.	0.05	54.10	
163.00				163.00	1	<0.1	1.2	1.82	n.d.	0.04	55.98	
163.60				Massive sulphide with grey siliceous matrix(2-3%)		164.00	1	0.1	1.6	1.75	n.d.	0.03
165.00		165.00	1			<0.1	2.3	1.37	n.d.	0.03	52.43	
166.00		166.00	1			0.4	2.0	1.24	29	0.03	54.44	
167.00		167.00	1			0.1	2.0	1.04	n.d.	0.03	57.13	
168.00		168.00	1			<0.1	2.1	1.25	n.d.	0.03	54.89	
168.30		Massive sulphide with grey siliceous matrix(20-30%) and jasper.		169.00	1	<0.1	1.7	0.84	n.d.	0.03	43.26	
170.00				170.00	1.6	<0.1	1.8	0.55	n.d.	0.03	40.47	
170.60				170.60								
171.00		Grey quartz; Strongly silicified part	170.60-171.00 Pyrite dissemi.	170.60	2.4	<0.1	<0.5	0.03	n.d.	0.06	8.12	
173.00		Light green, slightly silicified basalt pillow lava(V1-1) with thick inter-pillow (3-15cm). pillow size; 30-80cm 171.00-185.35 With dense quartz network.	Pyrite dissemination and fine grained pyrite bearing quartz network.	173.00								
175.00				175.00	2	<0.1	<0.5	0.02	n.d.	0.10	6.22	
177.00				177.00	2	<0.1	<0.5	0.02	n.d.	0.09	6.86	
178.05				178.05 With chalcopyrite and sphalerite bearing quartz network in parts.	179.00	2	<0.1	<0.5	0.04	n.d.	0.45	7.42
181.00				181.00	2	<0.1	<0.5	0.08	n.d.	0.92	8.24	
185.35		185.35 Quartz-pyrite network; sphalerite bearing in parts.										
190.00		Strongly chloritized and slightly silicified basalt pillow lava(V1-1); green to deep green in color pillow size; 30-60cm		194.75-195.05								
191.80				197.30-197.60								
200.00				Strongly silicified parts.								

Hole No. MJOB- G5 (From 200 m to 250m) G5

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
201.20		Strongly chloritized and slightly silicified basalt pillow lava(VI-1); green to deep green in color	201.20 Pyrite, chalcopyrite bearing epidote-quartz network with pyrite and chalcopyrite slight dissemination.								
205.05		With epidote-quartz dense network zone.									
207.05		Deep green chloritized massive lava	207.10 Pyrite slight dissemination in partz.								
210		Strongly chloritized and slightly silicified basalt pillow lava(VI-1); green to deep green in color pillow size; 30-60cm									
220			218.90 Pyrite bearing epidote-quartz network.								
221.90		221.90-222.45 massive epidote	221.90								
222.60-224.40		fractured and brecciated zone									
224.40		Light green basalt massive lava	224.40 Pyrite-epidote-quartz fine network.								
226.10		Light green basalt pillow lava(VI-1)									
230		Basalt dyke	229.25 Pyrite dissemination.								
234.20		Light green basalt pillow lava(VI-1)									
236.80		Basalt dyke									
238.90		238.90	238.90 Sparse pyrite bearing epidote-quartz veinlets.								
240		Light green, slightly silicified basalt massive lava(sheet flow) With sparse epidote-quartz veinlets.									
248.60		Light green, slightly silicified basalt pillow lava(VI-1)									
250											

Hole No. MJOB- G5 (From 250 m to 300m) G5

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
		Light green, slightly silicified basalt pillow lava(V1-1)									
		Silicified metalliferous sediments 251.85-252.05, 252.80-253.35	251.85-252.05 252.80-253.35 Intense chalcopyrite and pyrite dissemi. in silicified parts.								
253.55		Fault 254.20	253.60 254.20								
		Basalt to dolerite dyke (feeder dyke)									
258.30			256.00 Chalcopyrite and sphalerite bearing calcite veinlets (2cm in width).								
260		Light green, slightly silicified basalt pillow lava(V1-1)	258.85 Chalcopyrite dissemi. in jasper.								
		Reddish brown metalliferous sediment 261.00-261.10, 261.20-261.30	261.00 Intense pyrite and chalcopyrite dissemination								
		Reddish brown metalliferous sediment 263.05-263.15	263.15								
		Light green, slightly silicified basalt massive lava(sheet flow)									
270		268.30 With epidote-quartz veinlets	267.90-268.65 Pyrite-chalcopyrite fine veinlets.								
		Reddish brown metalliferous sediment 272.40-272.70	272.40-272.70 Pyrite dissemi. in metalliferous sediment.								
273.55		Basalt dyke(feeder dyke)									
277.55		Light green, slightly silicified basalt massive lava									
280		282.10-282.30 Laminated metalliferous sediment (60 deg. to core axis)	282.10-282.30 Pyrite and chalcopyrite dissemination in metalliferous sediment.								
		Light green, slightly silicified basalt massive lava	286.10-286.20 286.90-287.05 Chalcopyrite-epidote-quartz veinlets.								
288.90		288.90	288.90 Pyrite dissemination								
290		Light greyish green basalt pillow lava (V1-1); slightly silicified. With strongly silicified parts in the form of networks.									
300		300.20 End of hole	288.90-289.40 Coarse grained chalcopyrite dissemination.	300.20							

Hole No. MJOB- G6 (From 0 m to 50m)


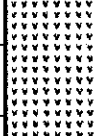

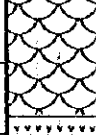

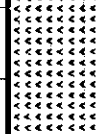
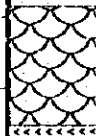
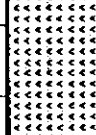
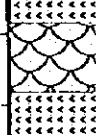
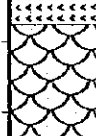
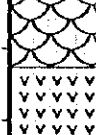




G6

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
0		Alluvial cover (gravel, sand); unconsolidated									
10											
11.80		Weathered light pale green basalt massive lava.	11.80 Pyrite slight dissemination								
17.00		Light grey basalt pillow lava (V1-2)									
19.20		Light grey basalt massive lava									
20											
20.90		Light grey, slightly silicified basalt pillow lava (V1-2) pillow lava; 50-150cm epidote predominant in interpillow with quartz fine veinlets.	20.90 Pyrite dissemination								
25.20		Light green to light grey, slightly silicified basalt massive lava 26.10-31.05 Fractured zone.	27.55-27.75 With chalcopyrite, sphalerite and pyrite bearing quartz veinlets.								
30											
32.00		32.00-32.15 Siliceous metalliferous sediment; reddish brown in color.									
35.05		Light green basalt pillow lava (V1-2); slightly silicified									
36.00		Basalt dyke	35.80-39.10 With pyrite-chalcopyrite-sphalerite-quartz vein; max. 5cm in width, 0-10 deg. to core axis.								
40		Light green basalt pillow lava (V1-2); slightly silicified									
40		39.85-39.95 Reddish brown metalliferous sediment.	39.30-39.95 With chalcopyrite dissemination.								
45.60-50.35		Light green to light grey, slightly silicified basalt massive lava (sheet flow)  Strongly silicified and quartz network zone	45.60-50.35 With pyrite and sphalerite bearing quartz network.								
47.15		Basalt dyke									
48.50											
49.20		Light green pillow lava (V1-2)									
50		Basalt dyke (feeder dyke)									












Hole No. MJOB- G6 (From 50 m to 100m) G6

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
50.35	>>>>>>	Basalt dyke(feeder dyke)	Pyrite dissemination								
52.35	>>>>>>	Basalt dyke(feeder dyke)									
54.40	>>>>>>	52.90-55.40 Fractured. 54.15-55.00 Intense epidotization Light green basalt pillow lava(V1-2); slightly silicified									
56.90	>>>>>>	56.90-58.60 Fractured zone with epidote network.									
58.30	>>>>>>	Light green slightly silicified basalt massive lava									
60	>>>>>>										
61.15	>>>>>>	Greenish grey basalt pillow lava (V1-2)	62.90 Pyrite dissemination								
66.35	>>>>>>	Light grey basalt massive lava with intense epidotization.									
68.35	>>>>>>	Light greenish grey basalt pillow lava (V1-2)									
69.30	>>>>>>										
70	>>>>>>	Basalt dyke(feeder dyke)									
73.10	>>>>>>		73.10 Pyrite dissemination of fine grained and large crystals.								
80	>>>>>>	Dark grey to black basalt pillow lava (V1-1) with irregular shaped jasper in many parts. With thick interpillows(5-30cm).									
86.80	>>>>>>										
86.80	>>>>>>	Light green to greenish grey bleached basalt pillow lava(V1-1) with thick interpillows(5-30cm). Containing jasper fragment in many interpillows.	86.80 Relatively intense pyrite dissemination.								
90	>>>>>>										
100	>>>>>>										

Hole No. MJOB- G6 (From 100 m to 150m) G6

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
102.50		Light green to greenish grey bleached basalt pillow lava(VI-1) with thick interpillows(5-30cm)	Relatively intense pyrite dissemination.								
106.60		Brownish grey basalt massive lava with many elongated cavities filled by calcite. 103.90-104.65 Silicified parts with predominant epidote.	104.10 Chalcopyrite spot.								
110		Light green, slightly silicified basalt pillow lava(VI-1)									
113.50		Light grey basalt massive lava; showing amygdaloidal texture.									
116.55		(60 deg. to core axis) Greyish green basalt dyke	116.55 Slight pyrite dissemination								
120											
121.70		Light green, slightly silicified basalt pillow lava(VI-1)	121.70 Pyrite dissemination								
125.00		(60 deg. to core axis) Greyish green basalt dyke	125.00 Slight pyrite dissemination								
129.75		Light green, slightly silicified basalt pillow lava(VI-1)	129.75 Pyrite dissemination								
130											
131.70		Greyish green basalt dyke	131.70 Slight pyrite dissemination								
133.50		Black basalt pillow lava(VI-1) showing amygdaloidal texture pillow size; 60-200cm	133.50 Pyrite dissemination in parts.								
138.50											
140		Black to dark grey basalt massive lava showing amygdaloidal texture With vesicles filled by calcite,epidote epidote and chlorite.									
146.00		Light green basalt dyke.	146.00								
150		(149.70)	149.70 Slight pyrite dissemination								

Hole No. MJOB- G6 (From 150 m to 200m) G6










Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
155.40		Dark grey basalt massive lava showing amygdaloidal texture 152.10-153.50 Sparse epidote-hematite fine veinlets.	Slight pyrite dissemination								
160		Light green basalt pillow lava (VI-1); slightly silicified	161.00-161.20 Chalcopyrite dissemination								
162.50		Dark grey to grey basalt massive lava with epidote veinlets in parts.	164.40-165.70 Chalcopyrite bearing epidote-calcite veinlets.								
170		Dark grey to grey basalt massive lava with epidote veinlets in parts.	168.30-169.40 Chalcopyrite bearing epidote-calcite veinlets and chalcopyrite dissemination.								
172.15		Doleritic basalt dyke									
173.15		(20 deg. to core axis)									
180		Grey basalt massive lava with epidote veinlets in parts.									
180.05		Grey basalt pillow lava (VI-1) 180.20-180.50 Brecciated part									
182.90		Grey basalt massive lava									
184.70		Grey basalt pillow breccia with intercalation of pillow lava showing amygdaloidal texture in many parts. epidote predominant in the matrix of finely brecciated parts.									
190		Grey basalt pillow breccia with intercalation of pillow lava showing amygdaloidal texture in many parts. epidote predominant in the matrix of finely brecciated parts.									
200		Grey basalt pillow breccia with intercalation of pillow lava showing amygdaloidal texture in many parts. epidote predominant in the matrix of finely brecciated parts.									

Hole No. MJOB- G6 (From 200 m to 250m) G6

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
200.70		Grey to light grey basalt massive lava	Slight pyrite dissemination 200.70-202.00 Pyrite-epidote-calcite veinlets 204.75 Chalcopyrite spots								
205.05		Grey to dark grey basalt massive lava with amygdaloidal texture. With vesicles filled by epidote, calcite and chlorite.									
210											
215.50		Grey to dark grey basalt pillow lava (VI-1)	215.90-216.40 Chalcopyrite dissemination 218.20 Chalcopyrite spots.								
220											
220.15		Grey to dark grey basalt massive lava with amygdaloidal texture.									
225.70			222.90 Fine grained pyrite slight dissemination and sparse pyrite veinlets.								
227.45		Grey to dark grey basalt pillow lava (VI-1)									
230		Grey to dark grey basalt massive lava with amygdaloidal texture. 222.90 Finely fractured zone 231.65									
232.45		Grey to dark grey basalt pillow lava (VI-1)	232.60 Pyrite dissemination								
234.70		Grey to dark grey basalt massive lava with amygdaloidal texture. With lenticular or spotted epidote and veinlets.	236.25 Fine grained pyrite slight dissemination								
240											
241.00		Grey basalt pillow lava (VI-1)	242.60 Fine pyrite dissemination								
247.50		Grey basalt massive lava	247.50 Fine grained pyrite slight dissemination.								
250											



Hole No. MJOB- G6 (From 250 m to 300m) G6

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
251.25		Grey basalt massive lava									
251.25		251.25 Grey to dark grey basalt pillow lava(VI-1) with thin interpillows.	251.25 Fine grained pyrite slight dissemination with medium grained pyrite dissemination in interpillows.								
255.75		Grey basalt massive lava	252.35 Chalcopyrite dissemination in lenticular jasper.								
258.35		Grey basalt massive lava									
260		Grey to dark grey basalt pillow lava(VI-1) with thin interpillows.									
263.60			263.60 Large spot of chalcopyrite.								
266.60			266.60 Coarse grained chalcopyrite bearing epidote-hematite-calcite veinlets.								
270											
280											
290											
292.45		292.45 Light grey basalt massive lava with fine calcite-epidote veinlets.	292.45 Fine grained pyrite slight dissemination with sparse pyrite-calcite fine veinlets.								
297.60-300.30			297.60-300.30 Relatively intense pyrite dissemination.								
300		300.30 End of hole	300.30								


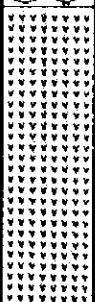

Hole No. MJOB-G7 (From 0 m to 50m)

G7








Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
0 - 11.00		Alluvial cover (gravel, sand); unconsolidated									
11.00 - 28.95		Consolidated alluvial cover; gravel bed cemented by calcareous matrix (calcrete)									
28.95 - 34.65		Slightly weathered, light brownish grey basalt pillow lava (V1-2) pillow size; 20-50cm									
34.65 - 40		Light greenish grey to greenish grey (with intercalation of dark purplish grey and brownish grey parts) basalt pillow lava (V1-2) with strongly chloritized deep green interpillows. With sparse calcite and fine quartz veinlets and hematite veinlets. Pillow size; 20-150cm. Interpillow thickness; 1-3cm. Showing amygdaloidal texture in places.									
40 - 50											

Hole No. MJOB- G7 (From 50 m to 100m)

G7

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
		Light greenish grey to greenish grey (with intercalation of dark purplish grey and brownish grey parts) basalt pillow lava(V1-2) with strongly chloritized deep green interpillows.									
60		65.45-66.15 With dense quartz veinlets.									
70		70.20-72.70 Hematite dominant in matrix.									
80		84.30 With dense quartz veinlets									
89.80											
90		Dark grey to black basalt massive lava									
98.35											
100		Greenish grey basalt pillow lava with deep green interpillows(V1-2)									

Hole No. MJOB- G7 (From 100 m to 150m) G7

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.I. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
		Greenish grey basalt pillow lava with deep green interpillows(V1-2) 103.00									
104.90		Greenish grey (slightly brownish) basaltic pillow breccia									
110											
111.65		Greenish grey (slightly brownish) basalt pillow lava(V1-2); hematite in matrix With deep green interpillows. Pillow size: 10-100cm									
120											
		128.50-130.10 With dense quartz veinlets									
129.80		Dark brownish green basalt pillow lava(V1-2) with deep green interpillows 132.30 With dense quartz veinlets									
130											
		138.40									
140											
150											


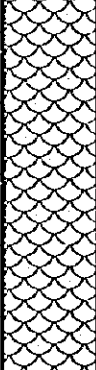






Hole No. MJOB-G7 (From 150 m to 200m) G7

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
151.75		Dark brownish green basalt pillow lava(V1-2) with deep green interpillows									
		Greyish green basalt massive lava									
		155.40-155.60 With quartz fine network									
158.70											
160		Dark brownish green to dark brownish grey pillow lava(V1-2) with deep green interpillows. Pillow size; 10-70cm									
		162.20-162.75 With dense quartz veinlets									
		163.60 With dense quartz fine veinlets									
170											
		178.40									
180											
182.20		Pale green basalt dyke	182.20 Fine grained pyrite slight dissemination.								
185.30			185.30								
		Dark brownish green to dark brownish grey pillow lava(V1-2) with deep green interpillows.									
189.80			189.80								
190		Pale green massive lava	Fine grained pyrite slight dissemination.								
195.45											
		Light grey to greenish grey pillow lava(V1-2) with thin interpillows. With spars hematite veinlets, and lenticular jasper in same interpillows.									
200											

Hole No. MJOB- G7 (From 200 m to 250m) G7

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
		200.50-200.55 Reddish brown metalliferous sediments.	Slight pyrite dissemination								
		Light grey to greenish grey pillow lava(V1-2) with thin interpillows. With spars hematite veinlets, and lenticular jasper in same interpillows.									
		206.35-213.75 With dense quartz fine veinlets.									
210		211.15-211.20 Reddish brown metalliferous sediments.									
214.60		Basalt dyke									
217.20		Light grey to greenish grey pillow lava(V1-2) with thin interpillows.									
220		222.00-223.50 With dense quartz fine veinlets.									
224.60		Deep green basalt pillow lava(V1-2); not altered, with quartz and calcite veinlets.	224.60 Fine grained pyrite very slight dissemination.								
230		230.95 Fractured and dense quartz veinlets.									
			236.60 Fine grained pyrite dissemination								
240		240.90-244.00 With small size of pillows. (5-30cm in size)									
250			248.90 Fine grained pyrite slight dissemination and pyrite-quartz fine veinlets.								

Hole No. MJOB- G7 (From 250 m to 300m) G7

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
260		Deep green basalt pillow lava(VI-2); not altered, with quartz and calcite veinlets. Pillow size; 30-100cm(5-10cm in places)	Fine grained pyrite slight dissemination and pyrite-quartz fine veinlets.  Relatively intense pyrite dissemination in places.								
270											
280		Fault									
280.80		Deep green basalt massive lava.									
282.55											
290		Deep green basalt pillow lava(VI-2); not altered, with quartz and calcite veinlets. Pillow size; 30-100cm									
298.10		Deep green basalt dyke.									
300		300.15 End of hole	300.15								

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
0 - 4.90		Alluvial cover (gravel, sand); unconsolidated									
4.90 - 19.80		Consolidated alluvial cover; gravel bed cemented by calcareous matrix (calcrete)									
19.80 - 31.00		Weathered light pale yellowish green basalt pillow lava (V1-2). Pillow size; 20-100cm.									
31.00 - 35.15		Greenish grey basalt pillow lava (V1-2) Pillow size; 10-50cm. Showing amygdaloidal and valioritic texture.	31.00 Fine grained pyrite slight dissemination.								
35.15 - 35.75		Greenish grey basalt massive lava									
35.75 - 36.40		Basalt dyke									
36.40 - 36.70		Greenish grey basalt massive lava									
36.70 - 39.60		Basalt dyke									
39.60 - 41.80		Greenish grey basalt massive lava									
41.80 - 42.60		Basalt dyke									
42.60 - 46.10		Greenish grey basalt pillow lava (V1-2) Pillow size; 10-50cm. Showing amygdaloidal and valioritic texture.									
46.10 - 50		46.10 Jasper in interpillow.									



Hole No. MJOB-G8 (From 50 m to 100m)
















G8

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
		Greenish grey basalt pillow lava(V1-2) Pillow size; 10-50cm. Showing amygdaloidal and valoritic texture.	Fine grained pyrite slight dissemination.								
			55.80, 57.35 Magnetite in interpillows.								
60		Reddish brown metalliferous sediments 59.15-59.25 59.80-59.90 60.35-60.40	Coarse grained pyrite dissemination in metalliferous sedi.								
60.75		Greenish grey basalt dyke(feeder dyke)									
65.80		Greenish grey basalt pillow lava(V1-2)									
66.50		Basalt dyke									
70		Reddish brown metalliferous sediments laminated(50 deg. to core axis)	69.45 Pyrite intense dissemination with sphalerite dissemination.								
		Light grey basalt massive lava	70.40 Sphalerite>pyrite>chalcopyrite intense dissemination with pyrite-sphalerite veinlets.								
		With epidote-hematite-calcite veinlets.	73.50								
		77.35-77.45 Metalliferous sediments	74.40 Fine grained pyrite slight dissemination.								
78.85		Light greenish grey pillow lava	78.70								
80		Basalt dyke									
80.60		Light greenish grey pillow lava	80.60								
81.60		Basalt dyke									
82.30		Light grey basalt massive lava	Pyrite dissemination, with pyrite veinlets in parts.								
84.40		With epidote-(hematite)-calcite veinlets	84.25								
		Light greenish grey pillow lava (V1-2) with thin interpillows.									
90		91.50-95.15 With small size pillows(10-30cm).									
95.15		Greyish green massive lava (sheet flow)									
100											

Hole No. MJOB- G8 (From 100 m to 150m) G8

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
100.60		Light greenish grey basalt pillow lava(V1-2). Pillow size; 20-120cm	100.60 Slight pyrite dissemination in places.								
104.30		Basalt dyke	102.50-103.20 With chalcopyrite-sphalerite-calcite-chlorite veinlets.								
104.55		Light greenish grey basalt pillow lava(V1-2). Pillow size; 20-120cm	106.05 With chalcopyrite-sphalerite-pyrite-calcite veinlets.								
110											
111.70		111.25-111.40 Basalt dyke									
112.70		Basalt dyke	111.95-113.45 Chalcopyrite dissemination with sphalerite slight dissemination.								
113.30		Light grey basalt pillow lava(V1-2)	113.45-115.80 Chalcopyrite small spots in places.								
115.80		Light greenish grey basalt massive lava	115.80-117.40 Chalcopyrite and pyrite bearing calcite veinlets in parts.								
120		Light greenish grey basalt pillow lava(V1-2). Pillow size; 20-120cm	118.50-118.85 Large size chalcopyrite in interpillow.								
			119.65-129.30 Pyrite bearing epidote-calcite veinlets.								
129.30		128.35-128.45 basalt dyke									
130		Light greenish grey basalt pillow lava(V1-2)	129.90-130.30 Chalcopyrite bearing calcite fine veinlets								
130.75		130.75-130.85 Basalt dyke	130.75								
132.25		Light greenish grey basalt pillow lava									
133.00		Basalt dyke									
134.30		Light greenish grey basalt pillow lava									
136.85		Light grey basalt massive lava	137.05-137.20 Chalcopyrite bearing calcite fine veinlets								
140		Light grey basalt massive lava (sheet flow)	137.90-139.80 Chalcopyrite slight dissemination.								
142.10		Light greenish grey basalt pillow lava(V1-2). Pillow size; 20-80cm	142.60 Pyrite dissemination in places, with pyrite bearing epidote-calcite veinlets.								
		With epidote-calcite veinlets	145.25								
147.20											
150											

Hole No. MJOB-G8 (From 150 m to 200m) G8





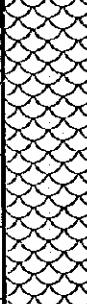

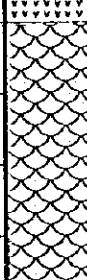

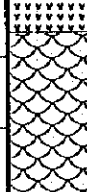
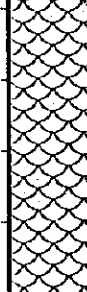
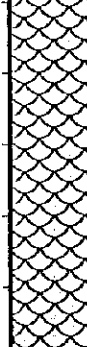
Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
160		Light greenish grey basalt pillow lava(VI-2) Pillow size; 20-80cm									
162.45		Light greenish grey basalt massive lava	161.50 Chalcopyrite and pyrite (marchacite) slight dissemination in places.								
165.95		Light grey basalt pillow lava	165.80 Coarse grained pyrite scattered dissemination.								
166.45		Light greenish grey basalt massive lava									
170		169.60-169.65 Reddish brown metalliferous sediment									
		Light greenish grey basalt massive lava									
174.60		Light grey basalt pillow lava(VI-2)									
176.50		Light greenish grey basalt massive lava									
179.75		Light grey basalt pillow lava(VI-2)									
180		Light grey basalt massive lava									
182.25		Light grey basalt massive lava									
184.30		Light grey basalt pillow lava(VI-2)	184.20								
187.40		Light grey basalt massive lava	188.65 Pyrite dissemination with chalcopyrite slight disse.								
190		189.05-191.20 Fine grained epidote predominant.	191.20 Pyrite dissemination in 191.55 metalliferous sediment.								
191.20		Black manganese dominant metalliferous sediment with magnetite and pyrite layer.									
191.55		Dark grey to black basalt pillow lava (VI-1); epidote and hematite in interpillows. Pillow size; 50-80cm	Pyrite dissemination in interpillows.								
200		200.25 End of hole	200.25								

Hole No. MJOB- G9 (From 0 m to 50m)

G9

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
0		Alluvial cover (gravel, sand); unconsolidated									
7.35		Consolidated alluvial cover; gravel bed cemented by calcareous matrix (calcrete)									
10											
17.60		Weathered pale yellowish brown basalt massive lava.	17.60 Pyrite (oxidized) dissemination in parts.								
20											
24.40		24.40-24.50 Gossanized metalliferous sediment; 1-5cm in thick.									
24.40		Light bluish grey basalt pillow lava (V1-2) with thin interpillows. With hematite-calcite fine veinlets.									
30											
30.30		Light bluish green haloclastite with epidote veinlets.	30.30 Pyrite dissemination								
32.80		Light bluish grey basalt pillow lava (V1-2) with thin interpillows. Pillow size: 100-130cm									
34.50			34.50								
37.15			37.15 Pyrite dissemination, and pyrite-calcite veinlets in places								
40											
41.00		Basalt dyke									
42.60		Light bluish grey basalt pillow lava (V1-2) with thin interpillows.									
50											

Hole No. MJOB- G9 (From 50 m to 100m) G9

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
53.50		Light bluish grey basalt pillow lava (V1-2) with thin interpillows.	Pyrite dissemination, and pyrite-calcite veinlets in places 51.90-52.85 Chalcopyrite-pyrite-calcite veinlets and chalcopyrite dissemination	53.50							
55.25		Basalt dyke		55.25							
55.70		Light bluish grey basalt pillow lava		57.05							
57.60		Light grey basalt massive lava	Chalcopyrite-pyrite-calcite veinlets.	60.60							
60		Light bluish grey basalt pillow lava (V1-2) with thin interpillows(1-5cm).	Pyrite dissemination with pyrite veinlets in parts. Chalcopyrite-pyrite-calcite veinlets.	62.80							
64.10			Pyrite slight dissemination	64.10							
66.30		Light grey basalt massive lava		69.75							
68.00		Light bluish grey basalt pillow lava (V1-2) with thin interpillows(1-5cm).	Epidote dominant in interpillows	71.50							
70			Chalcopyrite-calcite fine veinlets.	74.55							
75.50		Light grey basalt massive lava		76.90							
77.30		Light bluish grey basalt pillow lava(V1-2) with thin interpillows.	5mm size spot of chalcopyrite	81.85							
80			Chalcopyrite spots.	82.80							
			Very coarse grained pyrite intense dissemination in interpillows and slight pyrite dissemination in pillows.	84.80							
			With chalcopyrite scattered dissemination	90.50							
90		With sparse quartz-hematite-(epidote) veinlets.		90.85							
				93.15							
				95.15-99.80							
		Epidote dominant in interpillows.									
100											

Hole No. MJOB- G9 (From 100 m to 150m) G9

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
100		Light grey basalt pillow lava(V1-2)									
102.65											
104.15		Light grey massive lava									
107.85		Light greyish green basalt pillow lava (V1-2); hematite dominant in interpillows.									
109.90		Light grey massive lava									
110											
113.65		Light greyish green basalt pillow lava									
114.90		Pillow size: 5-20cm									
115.40		Light greenish grey basalt dyke (feeder dyke)	Fine grained pyrite slight dissemination								
116.90			Pyrite dissemination								
118.20			Fine grained pyrite slight dissemination in places.								
120											
123.65		Light greenish grey basalt pillow lava (V1-2)									
126.80		Light grey basalt dyke									
130		Light grey basalt pillow lava(V1-2) with thin interpillows.	130.05-130.45 Pyrite dissemi. with chalcopyrite slight dissemi.								
134.80		Light grey basalt massive lava									
137.70		Light greenish grey basalt pillow lava (V1-2)	137.70 Pyrite dissemination in interpillows								
140			With chalcopyrite-pyrite-calcite veinlets and chalcopyrite dissemination in parts.								
143.95		Light greenish grey basalt dyke (feeder dyke)	143.95								
146.20			Chalcopyrite slight dissemination.								
147.35											
150											

Hole No. MJOB- G9 (From 150 m to 200m) G9

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
152.10		Light greenish grey basalt dyke (feeder dyke)									
153.30		Basalt dyke intruded into feeder dyke									
153.70		Feeder dyke									
157.45		Light greenish grey basalt pillow lava (V1-2) Epidote dominant in interpillows.	154.20-155.00 Chalcopyrite and pyrite disseminations in interpillows								
158.55		Basalt dyke									
160		Light greenish grey basalt pillow lava (V1-2)									
161.15		Light greenish grey basalt dyke (feeder dyke)	162.15 Pyrite slight dissemination ↓ 165.30 Pyrite dissemination with slight chalcopyrite disse. 166.30								
166.40		Dark green chloritized dyke.									
167.20		Dark green chloritized dyke.									
167.70		Light greenish grey basalt pillow lava (V1-2)									
170		Light greenish grey basalt massive lava	172.10-172.40 Pyrite dissemination with slight chalcopyrite dissemination. 173.80 Pyrite dissemination in places.								
170.90		Light greenish grey basalt pillow lava									
176.80		Light greenish grey basalt massive lava									
177.60		Light greenish grey basalt massive lava									
180		180.00-180.05 Metalliferous sediment	180.00-180.05 20% pyrite in metalliferous sediment.								
185.70		Light greenish grey basalt massive lava									
185.70		185.70-185.85 Metalliferous sedi.	185.70-185.85 10% pyrite in metalliferous sediment.								
187.40		Light greenish grey basalt pillow lava with epidote and magnetite layers. (45 deg. to core axis)	187.10-187.35 20% pyrite in metalliferous sediment.								
190		Light greenish grey basalt pillow lava (V1-2)									
191.00		Light greenish grey basalt massive lava									
193.50		Basalt dyke									
195.50		Fault									
197.45		Light greenish grey basalt massive lava									
197.45		197.45-197.70 Metalliferous sedi.	197.45-197.70 20% pyrite in metalliferous sediment.								
200		Light greenish grey basalt massive lava									
200.20		End of hole	200.20								

Hole No. MJOB- G10 (From 0 m to 50m) G10

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
3.40		Alluvial cover (gravel, sand)									
5.80		Colluvial deposits									
10		Weathered gabbro with sparse calcite veinlets (Feeder dyke)									
20											
26.80		Dark green fresh gabbro with sparse calcite veinlets (Feeder dyke)									
30											
35.15-35.35		Quartz veinlet along fracture (45 deg. to core axis)									
36.90		Quartz veinlet (60 deg. to core axis)									
40											
44.05		Quartz veinlet (80 deg. to core axis)									
50											









Hole No. MJOB- G10 (From 50 m to 100m) G10

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
55.30-55.80		Fracture zone with quartz and calcite veinlets									
62.00-62.05		Fracture(silicified)									
63.20		Fracture(silicified)									
70.20		(20 deg. to core axis)	70.20 Pyrite slight dissemination								
74.95		Light grey massive lava	72.10 Sphalerite slight dissemination ↓ 73.40								
74.90-74.95		Reddish brown metalliferous sediment with epidote	74.90-74.95 20% Pyrite in metalliferous sediments								
80.50		Basalt pillow lava(V1-2)									
80.50		Fracture zone	82.20 5m/m Gypsum veinlets 82.65 5m/m Gypsum veinlets 82.90 5m/m Gypsum veinlets 83.05 5m/m Gypsum veinlets 84.35 10m/m Gypsum veinlets								
84.35		Light grey massive lava	84.25-84.35 Chalcopyrite & sphalerite dissemination								
84.35		Reddish brown gossanized metalliferous sediment	84.35-84.70 Pyrite dissemi. 84.70 Pyrite and sphalerite dissemi.								
86.55		Silicified pillow lava(V1-1) with many cavities filled by pyrite and sphalerite.	86.55 Pyrite and sphalerite intense dissemination in jasper								
91.35		Jasper dominant in interpillows	91.35								
96.35		Strongly silicified in parts	95.10 Pyrite intense dissemination and fine veinlets with slight sphalerite dissemination.								
100											

Hole No. MJOB- G10 (From 100 m to 150m) G10

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
		Silicified pillow lava with many cavities filled by py. and sph.									
		101.25 ↓									
		Light greenish gray 103.00 Jasper(10cm)	102.30 Pyrite dissemination and pyrite fine veinlets with slightly sphalerite dissemination (partly massive pyrite dissemination)								
110			109.30 3m/m Gypsum veinlets								
			111.05 ↓								
			110.65 Intense pyrite dissemination and pyrite fine veinlets with slightly sphalerite dissemination (110.65-121.70)								
			113.45 ↓								
120		Jaspar predominant in interpillows									
			118.80 ↓								
			121.90 ↓								
		123.90-130.95 Very small size pillows									
130			129.90 Chalcopyrite dissemination								
		130.95- Big size pillows (120-130cm)	130.80 3m/m Gypsum veinlets								
			130.95 Pyrite dissemination with pyrite fine veinlets in parts								
140											
143.00		Light grayish green massive lave with cavity; slightly silicified									
		143.05-143.10 with jaspar fragments									
148.85		Light grayish green pillow lave									
150											

Hole No. MJOB- G10 (From 150 m to 200m) G10

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
160		Light greyish green pillow lava(VI-1) Pillow size; 70-150cm With jasper in interpillow	Pyrite dissemination with pyrite fine veinlets in parts								
170				169.80							
171.20		Light greyish green massive lava	Slight fine grained pyrite dissemination with sparse pyrite fine veinlets.								
173.00		Light greyish green pillow lava(VI-1) Pillow size; 70-150cm		175.10							
180			Pyrite dissemination and pyrite fine veinlets (intense pyrite dissemination in jasper)								
185.50		Grey to greyish green pillow lave (VI-1)		185.50							
190			Pyrite dissemination and Pyrite fine veinlets	188.50							
190.40		Green hyaloclastite		190.85							
194.30		Dark grey pillow lava(VI-1) With jasper in interpillow.									
200		200.10 End of hole									

Hole No. MJOB- G11 (From 0 m to 50m) G11

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
		Sludge									
3.40		Alluvial deposits (gravel)									
4.60		Light grey weathered pillow lava									
6.60		Light grey basalt pillow lava (V1-2) Pillow size; 20-180cm	6.60 Slight fine grained pyrite dissemination in part								
10											
15.85		Light grey pillow lava									
16.70		Light grey massive lava with thin chlorite layer	17.85 Scattered chalcopyrite and pyrite dissemination								
20											
20.15		Light greenish grey basalt pillow lava magnetite thin layer in interpillow	20.15-20.80 Chalcopyrite and pyrite dissemination in interpillow								
23.25		Light grey massive lava	23.25 Pyrite dissemination								
23.80		Basalt dyke									
24.40		Light grey massive lava									
28.10		Light grey basalt pillow lava	28.90-29.20 20-30% Pyrite								
30		28.90-29.20, 29.80-30.10 Epidote predominant metalliferous sediment	29.80-30.10 20-30% Pyrite								
30.10		Light grey massive lava with quartz veinlets, calcite veinlets and epidote veinlets	30.10 Fine grained pyrite dissemination								
33.45-33.55		Fracture filled by magnetite, calcite and epidote	35.15-35.30 Pyrite dissemination								
35.15-35.30		Reddish brown metalliferous sediment									
36.10		Light greenish grey pillow lava (V1-2) (small size pillows)	36.10 Pyrite dissemi. in interpillow								
40			37.10-37.20 With chalcopyrite dissemination								
40.35		Light grey massive lava	39.90 Fine grained pyrite dissemination along fractures								
41.45		Basalt dyke	40.80								
41.75		Light grey massive lava									
42.65			43.30 Slightly fine grained pyrite dissemination								
44.40		Cavity filled by calcite and epidote									
44.90		Basalt dyke (Feeder dyke)									
50		Light grey massive lava	46.85 Intense fine pyrite dissemination and pyrite-chlorite veinlets								
		49.50-49.60 Dyke									

Hole No. MJOB- G11 (From 50 m to 100m) G11

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)	
		50.40-50.45 Basalt dyke	Intense fine pyrite dissemi. and pyrite-chlorite veinlets									
		Light grey massive lava										
		51.90-51.95 Basalt dyke										
52.90		Light grey massive lava	52.15 Fine graind pyrite slight dissemination.									
54.30		Basalt dyke										
56.30		Light grey massive lava										
56.60		Basalt dyke	57.15									
		Light grey massive lava	Pyrite dissemination with slight sphalerite dissemination									
			57.60 Chalcopyrite spots									
60		Cavity filled by calcite and epidote	59.40 Slightly fine grained pyrite dissemination.									
65.10												
65.90		Basalt dyke										
		Light grey massive lava	65.45									
		Cavity filled by calcite and epidote										
70												
			71.50									
		With sparse epidote veinlets										
			73.90 73.80									
79.80		Sparsely fractured part; chlorite veinlets along fracture										
80		Light grey pillow lava										
81.70												
		Light grey massive lava	82.85-82.95 Chalcopyrite dissemination.									
84.05		Intercalation of pillow lava; small sized pillows.										
84.45		Light grey massive lava										
86.20		Intercalation of pillow lava; small sized pillows.										
88.60												
		Light grey massive lava										
90		90.25-90.35 Epidote dominant part part, silicified as well										
91.65		Dyke										
92.10												
		Light grey massive lava										
		92.40-92.50 Epidote predominant part with silicification.										
94.40		Basalt dyke										
95.15												
		Light grey massive lava										
100			98.40-100.05 Chalcopyrite and chalcopyrite bearing chlorite-calcite veinlets									

Hole No. MJOB- G11 (From 100 m to 150m) G11

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
		Light grey massive lava	Slightly fine grained pyrite dissemination.								
109.10			105.50 ↓ Scattered Chalcopyrite dissemination.								
110		Gabbroic dyke With sparse calcite veinlets	108.60 ↓								
120											
			125.65 ↓ With sparse quartz veinlets								
130			130.30 ↓								
137.05		136.10-136.35 Slightly argillized part with epidote.									
137.35		Basalt dyke	137.35 ↓ Pyrite scattered dissemination								
		Gabbroic dyke									
140		138.15-140.35 With epidote-calcite veinlets	138.95-139.15 Chalcopyrite and sphalerite intense dissami.								
			140.80-140.90 Slightly fine chalcopyrite dissemination								
142.50		Pillow lava with pillow breccia	141.95 ↓								
143.75		142.65-143.25 Epidote-calcite veinlets	144.50 ↓ Slight pyrite dissemination and pyrite veinlets in parts								
		Light grey massive lava									
		142.50-144.00 Fractured part									
		Slightly silicified	48.00 ↓ 48.85-149.60 Slight chalcopyrite dissemination.								
150											

Hole No. MJOB- G11 (From 150 m to 200m) G11

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
		Light grey massive lava	150.75-151.00 Slightly chalcopyrite dissemination								
			152.80-153.30 Chalcopyrite dissemination								
155.00		4cm thick metalliferous sediment	155.80-157.35 Fine grained pyrite dissemination								
		Basalt dyke(Feeder dyke)	158.60-159.00 Fine grained pyrite dissemination								
160			161.70 5-10% pyrite	161.70							
161.70		Brown metalliferous sediment; laminated	162.85 20% pyrite	162.85	1.85	nd	nd	<0.01	nd	0.01	32.88
162.85		Silicious massive oxide ore; reddish brown in color	163.80	163.80	0.95	nd	nd	0.01	nd	0.04	36.28
			164.95	164.95	0.65	nd	<0.5	0.28	nd	0.02	17.58
165.25		Light greyish green silicified pellow lava (V1-1)	165.25 Fine grained pyrite slight dissemination.	165.25	0.8	nd	nd	0.0	nd	0.01	14.84
170											
172.20		Silicified and argillized rock; very light grey to greyish white color	172.20 Pyrite dissemination(partly intense) and pyrite veinlets								
180			180.65 Intense pyrite dissemination 180.75-180.85 With chalcopyrite dissemi. 182.30-182.35 With chalcopyrite dissemi.								
			187.80-187.95 10% chalcopyrite	187.80 187.95	0.15	<0.1	7.3	3.84	nd	0.08	30.6
190			190.50 Pyrite dissemination								
		194.10-194.40 Strongly silicified part	196.20-196.30 With intense pyrite dissemination part 196.60-196.75 With intense pyrite dissemination part								
200		200.20 End of hole									

Hole No. MJOB-G12 (From 0 m to 50m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (ppm)	Zn (%)	Fe (%)
0 - 4.80	[Dotted pattern]	Unconsolidated alluvial deposits									
4.80 - 6.50	[Circle pattern]	Calcreto									
6.50 - 10	[Scale pattern]	Weathered pillow lava	6.50 Pyrite slight dissemination (oxide)								
10 - 18.90	[Scale pattern]										
18.90 - 20	[Scale pattern]	Light greenish grey pillow lava with thin interpillows (V1-2) Pillow size: 10-120cm	16.95 Pyrite veinlets (gossanized)								
20 - 21.85	[Scale pattern]		19.80 Pyrite slight dissemination and sparse fine veinlets. Relatively intense pyrite dissemination in interpillows.								
21.85 - 22.35	[Dotted pattern]	Basalt dyke									
22.35 - 24.10	[Scale pattern]	Light greenish grey pillow lava with thin interpillows									
24.10 - 25.75	[Dotted pattern]	Light greenish grey massive lava									
25.75 - 28.70	[Scale pattern]	Light greenish grey pillow lava with thin interpillows	26.60 With sparse chalcopyrite-pyrite-calcite-chlorite fine veinlets.								
28.70 - 29.90	[Dotted pattern]	Light greenish grey massive lava									
29.90 - 30	[Scale pattern]	Light greenish grey pillow lava with thin interpillows									
30 - 35.80	[Scale pattern]										
35.80 - 37.00	[Dotted pattern]	Light greenish grey massive lava									
37.00 - 40	[Scale pattern]	Light greenish grey pillow lava with thin interpillows									
40 - 45.30	[Scale pattern]		42.30								
45.30 - 45.60	[Dotted pattern]	Basalt dyke	45.30 Sparse pyrite-chlorite-calcite veinlets.								
45.60 - 48.50	[Scale pattern]	Light greenish grey pillow lava with thin interpillows									
48.50 - 49.20	[Dotted pattern]	Basalt dyke	48.95 Pyrite dissemination and pyrite-chlorite-calcite veinlets.								
49.20 - 50	[Dotted pattern]										