# PART III CONCLUSIONS AND RECOMMENDATIONS

#### CHAPTER 1. CONCLUSIONS

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

#### (1) Ghuzayn area

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

#### (2) Zuha area

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

#### (3) Maqail area

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

#### (4) Salahi area

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

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#### CHAPTER 2 RECOMMENDATIONS

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

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Appendix 1

Drilling equipments and consumed materials

## **Drilling** Equipment

A COMPANY

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

## **Consumed material**

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

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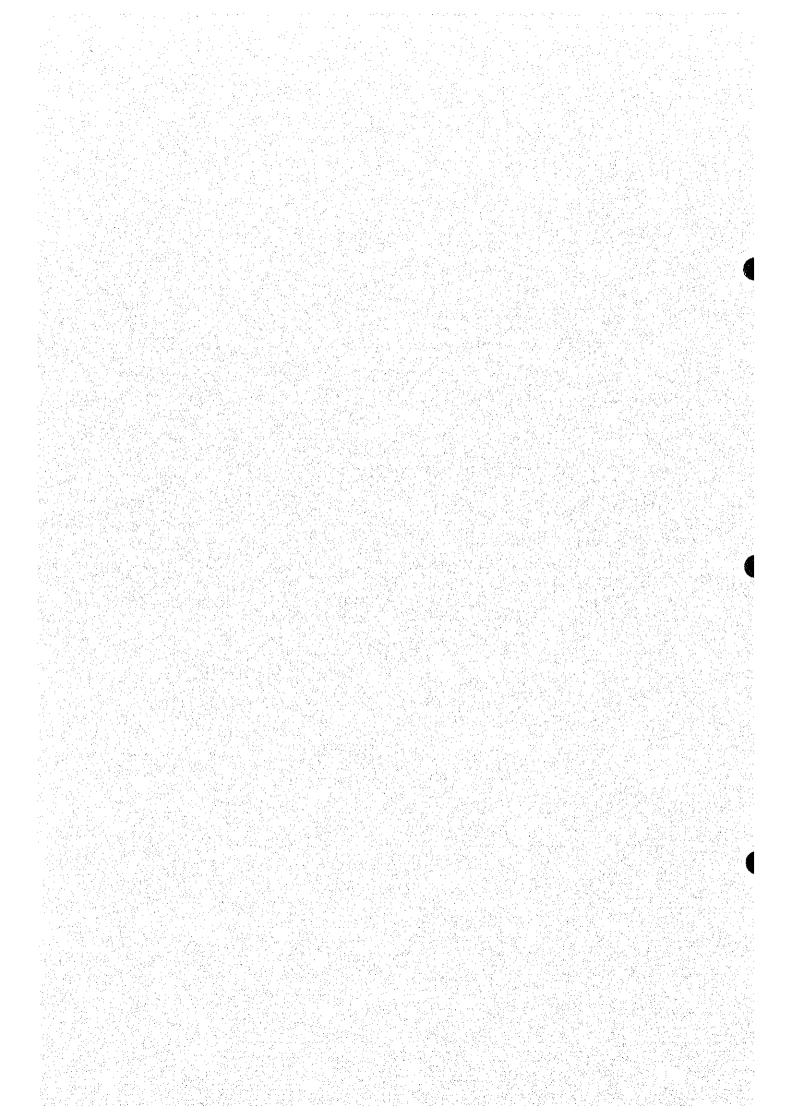
Hole No.	MJOB-M2	MJOB-M3
Bit: NW	1	1
Bit: NX	. 2	I
Bit: BX	-	°
Light Oil (l)	25	20
Mud (kg)	240	220
Cement (kg)	200	300
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# Appendix 2

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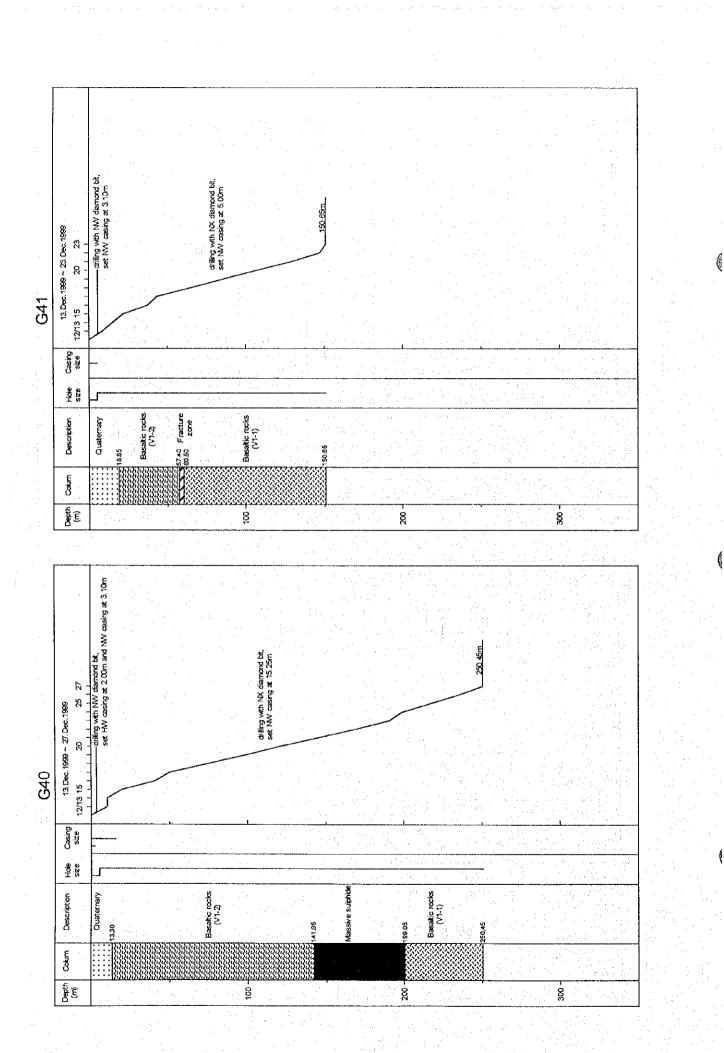
Generalized drilling results and Progress record of drilling



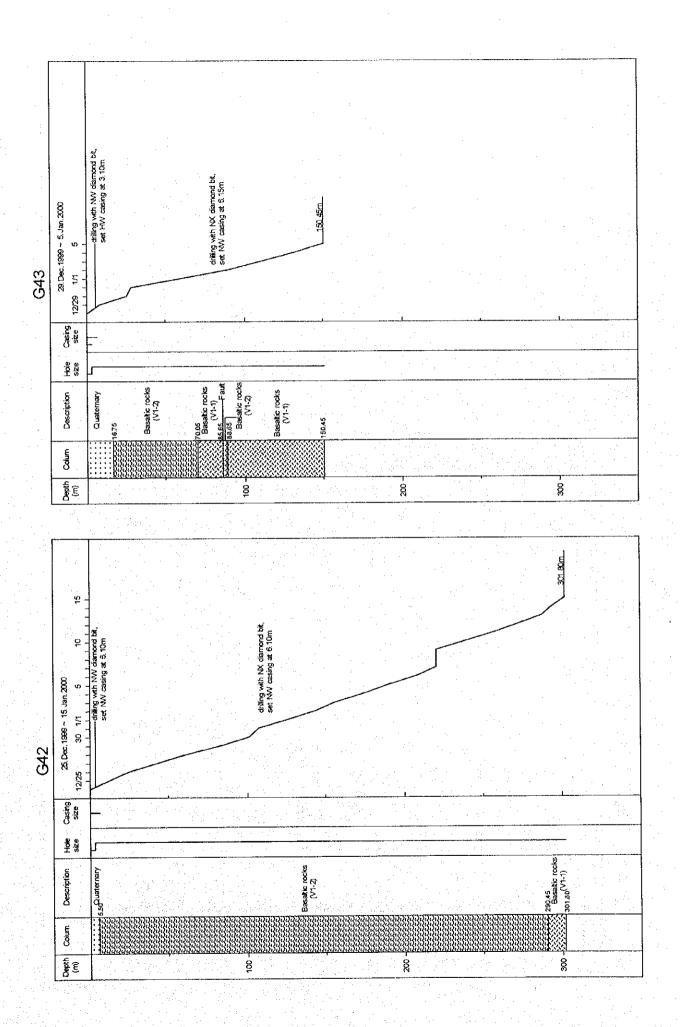
## Progress record of drilling

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

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



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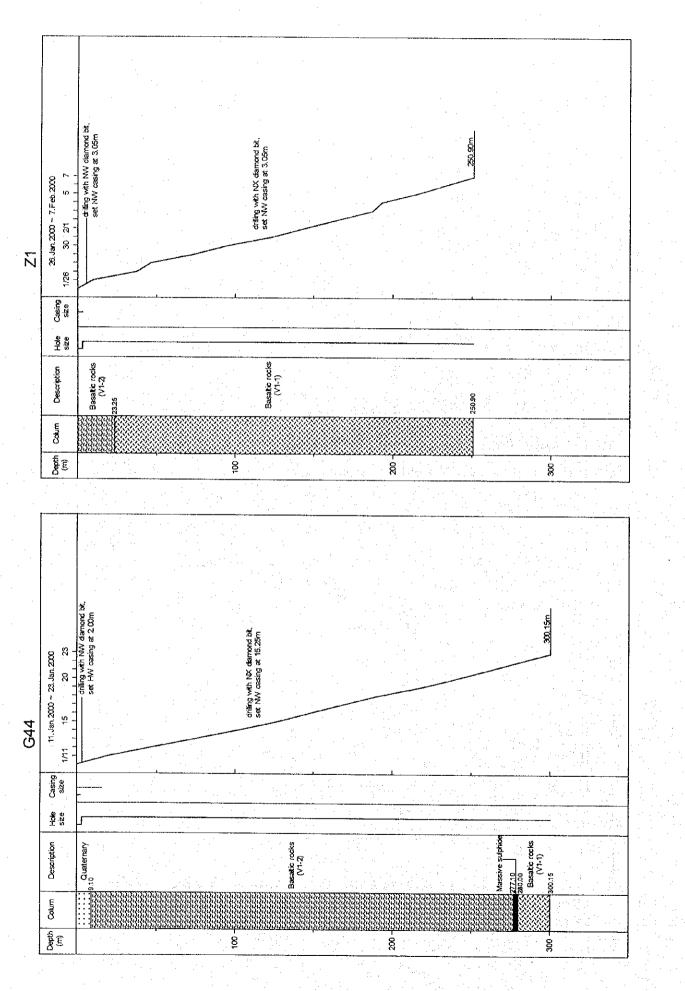


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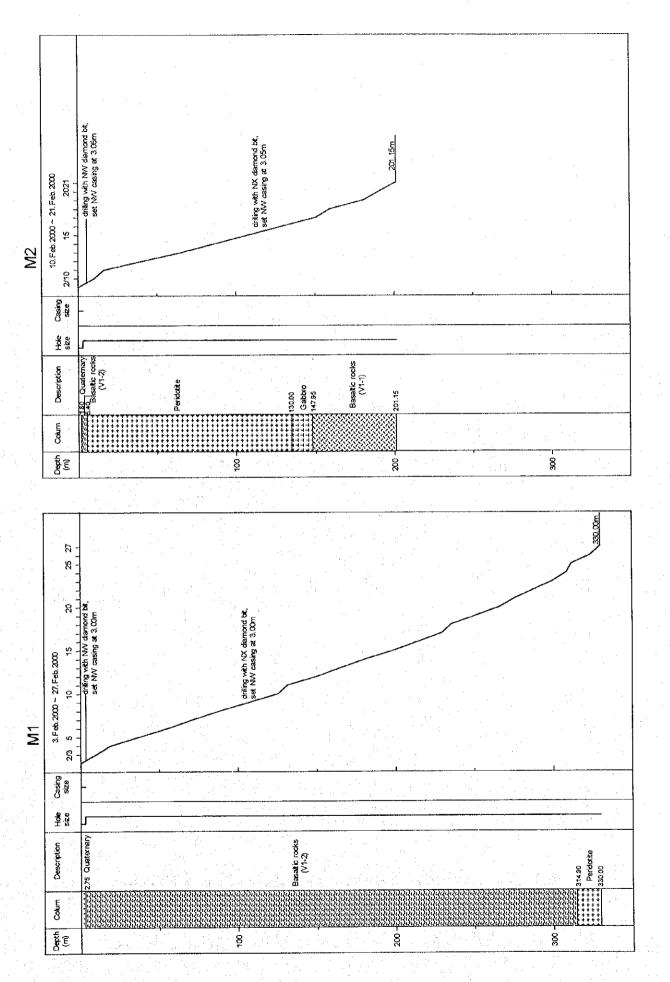


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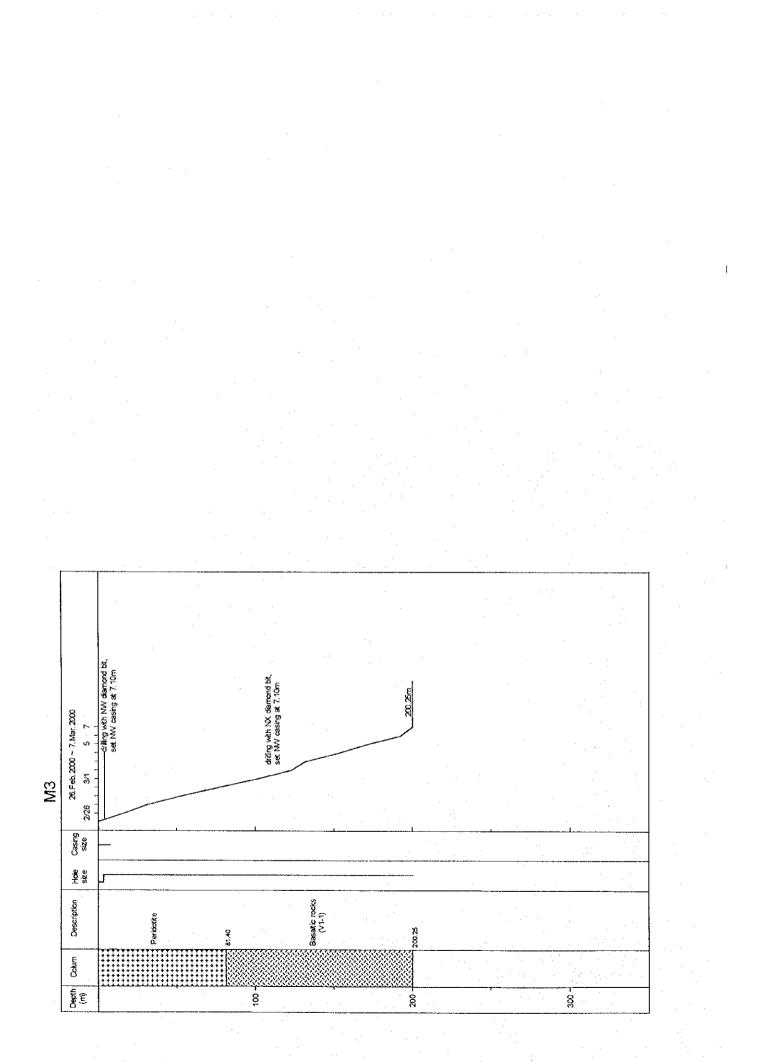
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# Appendix 3

**Drilling logs** 

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	Rī							ion iĝ		ide i			era ਵਿ						Sam	oling		Ore	Assa	ay
DEPTH (m)	CHART	LITHOLOGY		Silicification	Arglizatio	Quartz	Epidote veint	Epidote dissemi.	Calcite vein	Massive sulphide	Stockwor	Pyrite voint	Pyrite, dissemi.	Chalcopyrid	Chalcopyri veîni	Sphalerite dissemi.	Sphalorite veinlets	Magnetite	depth (m)		Au (g/t)		Cu (%)	Zr (%
0 ]	16	SLUDGE: 0 to 0.2m:									- · · · ]			···· '			· -				1			1
		UNCONSOLIDATED ALLUVIAL DEPOSITS:	A																					
	e	0.2m to 0.75m: SLUDGE: 0.75 to 2.50m:	·····/																					
	, o	UNCONSOLIDATED																						
	a																							
-		ALLUVIAL DEPOSITS;																			.			
		Partovna ozrovno,																					1.	
	e e																							
-10 -	а а а	2.50 to 13.30m:																			1 :	х 1		
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•	0 0 0 3 0															ĺ.				14. 			•••	
-	\$888	PILLOW LAVA (V1-2):																		ĺ.				
: .	1366G	13.30 to 16.20m weathered, susses brown	••••																					
	1999 1999	PILLOW LAVA (VI-2):																					1	
: ]	8888																							
	1888	16.20 to 23.10m: durk	•																1					
-20 -	<u>1888</u>	green, with thin																			1.1			
.	8888	interpillow.	 -										ļ											
	8888		: -												ŀ									
1	v v v	MASSIVE LAVA: 23.10 to 24.80m: greenish grey						.																
· · · •	XXX	to light groy. PILLOW LAVA (VI-2):																		1		1		
	<u> 3335</u>	24.80 to 28.75m																						
	<u> 8888</u>	greenish and greyish																						
	<u>Ś</u> ŚŚ	dark green parts. DYKE: 28.75 to 29.15m:	····																					
-30 -	8888	PILLOW LAVA (V1-2);	/												.									
- <u>-</u>	<u> </u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u>	29,15 to 31,30m: greenish grey.	· · · ·															ŀ						
-		MASSIVE LAVA: 31.30 to 32.65m: greenish												1										
· • • ]	8888	PILLOW LAVA (VI-2).	·/							1	ļ				÷.									
·	888	32.65 to 36.30m:											Ì			1								
.	<u>B</u> 2022	greenish grey.	···-																					l
		MASSIVE LAVA: 36.30 to 37.55m: greenish																						
1	5888	DYKE: 36.30 to 37.85m											1	1										
-40 -	1888	MASSIVE LAVA: 37.85 to 38.40m; greenish	/																	1.2		1.		
	888	PILLOW LAVA (VI-2):	/			ļ											ļ						1.1	
	8885	38.40 to 48.25m											:											
	888	) greenish grey, with thin	5 J		Í																			
	888	interpillows and														ļ								
	8886	amygdafoidef texture in			ļ															.			1.	
	888	pleces.																	÷ .				ν.	
-	8000	DYKE: dazat	/															Í			:			}
	BSSS	PILLOW LAVA (V1-2): 48.25 to 51.50m:					ļ	1	1					l.	1	1	1	1	1 .			·		

Alberto

	lo. I	MJOB-G40 (F	1.11		<b>0.0</b>	-	and the second	m to				tio		-						
DEPTH	CHART	LITHOLOGY	· ·		Quartz veinlets Epidote		einlets		einlets	issemi.	issemi.	erite erite			Samp		 	Ore	Ass	· · · ·
(m)	0		Silicification	Argiliz	Cuert Epidot	Epidol	Calcit	Massi stock	Pyrite	Pyrite	Chalco Chalco	veinlets Sphalerite	Sphaferite veinle	0	ертн m)		Au (g/t)	Ag (g/t)	Cu (%)	
-50	<u>8888</u>	PILLOW LAVA (VI-2): 48.25 to 51.50m:											T T					Ī		
-	\$\$\$\$	greenish groy. 49.20 to 51.50m: with jesper in interpillow.																		
	3333	PILLOW I AVA (V1-2): 51.45 to 54.45m: dark groonish gray.																		
-	2555	PILLOW LAVA (V1-2):																		
-	<u> </u>	54.45 to 57.20m: with Jespar in interpillow.												Ì						
	XXX	DYKE: beselt. PILLOW LAVA (V1-2);	1																	
~60 -	1000	57.30 to 58.30m: DYKE: baselt																		
	3333	PILLOW LAVA (V1-2): 58.60 to 58.85m;																-		
	8883	PILLOW LAVA (V1-2):																		
	3888	1			Ì										Г.,	•	·			
_	888	58.50 to 58.85m: dark			ļ															
	<u> </u>																			
	3888	greenish grey, with																		
~70 -	<del>}}}3</del>	jespar in interpiliow.																		
-	888																	:		
	888	PILLOW LAVA (V1-2):																		
- 5	<del>3883</del>																			
	<u> </u>																	м. Т		
	<u> </u>	58.85 to 87.80m: dark																	i.	
	<u> </u>	SUCCE DE COMUNICIPALITY													•.					۰.
-80 -	3883														•				•	
	<u> 888</u>																			
	<u> 888</u>	green.																		
	<u> </u>																			
	<u> </u>															.:			4	
	<u> </u>																			
	3838	PILLOW LAVA (V1-2): 87.80 to 90.95m;										i						1		1
-90 -	<u> </u>	greenish grey.													- 54 8					
		DYKE: 90.95 to 92.45m; besait										ł		1						·
	3883	PILLOW LAVA (V1-2): 92,45 to 94,95m:															1.4			
	55553	Deenish grey. MASSIVE LAVA: 94.95																	1 A.	·.
	v v v v v v	to 97.90m: greenish													۱. ا				1	
	y y y y y y y y y y y y y y y y y y y	grey. Pillow LAVA (VI-2):																- 		
	'XXXI	97.90 to 100.25m;	I.		ļ					-						.	10			

A — 10

Hole	No. N	NJOB-G40	(Fro						 	m I	-	-	25 ra	-		-					Sherifati	-		_
	RT						ati P		et:	ide									Samp	ling		Ore	Assa	iy
DEPTH (m)	CHART	LITHOLOGY		Silicification	Argilization	Quartz veinle	Epidote veinlets	Epidote Calcite Calcite	veini	Massive sulphide	Stockwor	Pyrite veiniets	Pyrite.	Chalcopyrr disse	Chalcopyri voini	Sphalerite	Sphalerite veinlets	Magnetito	depth (m)		Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)
-100	8888	PIELOW LAVA (VI-2): 97.90 to 100.25m:																						
		∖ greenish grey. PILLOW LAVA (V1-2):																						
		100.25 to 109.70m: dark																						
- 1	<u>kęż</u>																							
		Ersen.																						
-110		PILLOW LAVA (V1-2):																			:			
	6888																网							
- 																								
		109.70 to 122.10m: light																		÷.				
	<u>}}}}</u>	N N																						
	1333	green.	. <sup>1</sup> .	х - с									2											
-120 ~	<u> </u>																							
		SHEAR ZONE: 122.10 to											ſ											
-		124.80m: BRECCIATED AND																						
																			128.00	2	<0,1	0,8	0.70	0.14
		SILICIFIED ROCK:												$\sim 10^{-1}$					128.00	1.3	<0.1	0.9	0.71	0.00
-130 -		124.80 to 131.75m																	129.30					
		PILLOW LAVA (V1-2):	· . ·	-		ſ						ľ												
	1333	{													1	ľ	<u> 1888</u>							
		138.75 to 148.95m:													a da la con							2		
	l BSSS																							
-140		groonish groy.	2 2																					
	338							Í											141.95					
		MAGNETITE LAYER: 141.95 to 142.05m: DYKE: basatt		Â															142.55 143.55	0.6 1 1	<0.1 <0.1 0.20	<0.2	0.51 0.16 1.67	1
		MAGNETITE LAYER: 142.15 to 142.55m: DYKE: baselt		#															144.55 145.55		D.20	2.8	2.62	0.0
		MASSIVE SULPHIDE: 143.55 to 146.50m DYKE: baselt.																	145.55 147.55	1	0.20	2.4	1.95 2.93	0.
		MASSIVE SULPHIDE: 146.60 to 147.90m:		1															148.55	1	0.10 <0.1		1.30 1.21	
-150 -	an a	DYKE: beset. MASSIVE SULPHIDE: 148.15 to 151.55m;		<i>I</i> <u>}</u> −−	- <b></b>	<u></u>	J	-l			a	- <b>I</b>	- 1 - 1 -	!	. 1				1 140.00	- <b>I</b>		_1		

STOL .

A - 11

	Hole I	No. N	IJOB-G40 (F	ron	1.	0.0	Ö	•	m t	.0	2	25(	0.4	5 r	n)				· :	÷,	• •	
Ĩ		.		-	Alt	tera	tio	1		Mi	ner	al	iz	ati	on		Sam	lina		Ore	Assa	av
	DEPTH	CHART	LITHOLOGY	Silicification	Argilization	Guertz veniets Enidote	veinlets ote discerni	veiniots	Massive suiphide	ikwork a	Punta	dissemi.	opyrrte dissent.	opyrite veinlets	Sphalerite dissemi Schalarite	veinlets Magnetite	DEPTH		Au	Ag	Cu	Zn
	(m)			Silici	Ang:	Gue	Epid	Calc	Mas	Sto P Sto	. a			Sec.	spha Spha	Mag	(m)	(m)	(e/t)	· · ·		(%)
-	-150		MASSIVE SULPHIDE:	1	1		T	1				]	[	Т		1	150.55	1	(0.1	1.4	0.83	0.06
		्द्द्द्द्	148.15 to 151.55m: DYKE: basalt.														151.65	1	<b>(</b> 0.1	1.3	0.47	0.05
																		2.2	(0.)	0.3	0.13	0.01
		< < < <	MASSIVE SULPHIDE:	-													153.75	1.	<b>K0.1</b>	1.1	0.23	004
		· · · .	153.75 to 160.75m														154.75	1	<0.1	1.3	1,18	0.05
			154.05 to 154.90m with														155.75 156.75	1 *	<0.1	1.7	2.91	0.04
			irregular nerrow dike.														157.75	1	0.10	27	6.13	0.04
			155.55 to 160.00m: high													1	158.75		0.10	3.2 2.5	6.00 5.03	0.04
	-160 -		grada.														≥59.95	1	<0.1	2.1	2.46	0.06
		<u>e e e e e</u>	OYKE: baselt. MASSIVE SULPHIDE:	1													160.75 161.55	0,8	0.10	2.3	1.42	0.04
•		< < < <	160.85 to 161.55m: DYKE: basell.	4						-							162.60	1.05	0.10	1.5	0.50	0.04
			MASSIVE SULPHIDE:	1						Ì				ļ			163.60		0.10	2.3	1.60	0.03
			161.80 to 162.30m DYKE: basalt.	1													164.60	1	0.20	2.3	1.39	0.03
			MASSIVE SULPHIDE											.:			165.60 156.80	1	0.10	1.4	0.63	0.02
		1.											•				167.60	1	0.10	1.4	0.73	0.03
																	168.60	1	0.20	2.1	1.43	0.07
	-170 -																169.60	1	0.10	2.0	. 1.14	0.05
																	170.60	1	0.10	2.0	2.10	0.05
			162.60 to 184.45m: high													ł	172.60	1	0.20	2.6	1.82	0.06
												/					173,60	1	0.30	2.7	2.12	0.07
	· · · ]																174.60	1	<0.1	22	1.66	0.03
												•					175.60	1	0.30	25	1.97	0.07
				ĺ													176.60	1	0.10	1.7	1.24	0.06
	· · · · ]		<b>574</b> 00.									- 					178.60	1.	0,10	1.5	0.67	0.04
	-180 -																179.60	1	0.10	1.4 1.5	0.91	0.05
																	180.60	1	0.20	1.7	2.75	0.05
	·						-										181.60 182.60	1	0.20	2.2	2.89	0.05
	· ]																183.60	1	0.20	22	4.53	0.05
	.		MASSIVE SULPHIDE:														184.60	1	0.20	1.9	5.34	0.06
·	4																185.60	1	0.20	1.9	4.65	0.06
			184.45 to 196.25m	1	1												186.60	1	0.20	2.0	2.89	0.06
	-																167.70	1	0.10	1.2	2.00	0.06
	-190 -		pyrite predominant								•						189.60	1	Q.LO		2.09	0.05
	100						ļ										190.50	1	0.10 9.10		2.07	0.06
			loosely part (not wall										1				191.60	1	0.10	1.	3.35	0.06
																	192.60	1	0.20	1.1	2.92	0.00
			consolidated).	•													193.60	1	0.10	1.0	2.48	007
	. ]				1											•	195.60	ĩ	0.10		2.63	0.09
			MASSIVE SULPHIDE: 196.25 to 199.05m; high	·													196.60	1.	0.10		2.65	0.06
			grade part. 198.55 to 199.05m: siliceous, with														197.60	1	0.10	- I	2.00	
	. 4	< < < <	jaspar fragments. DYKE: basalt									_		1			199.05	1.45	<0.1	1.4	3.53	0.0

A - 12

Hole N	No. I	NJOB-G40	(Fro	m ·	0.00		m to	-25	0.45 i	m)	•.					
DEPTH	CHART	LITHOLOGY			terati		1	nera s		.≓ Ω	Sam	oling		Ore	Assa	ay
(m)	Ð	Ennocodi		Argilization	Quartz veinlets Epidote veiniats	Epidote dis Calcite voi	Massive sulphide Stockwork	Pyrite veinlets Pyrite dissemi.	Chalcopyrrte dissem Chalcopyrrte veinlet	Sphalerite dissel Sphalerite Veinler Magnetite	depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)
-200 -		DYKE: basatt. SILICIFED ROCK: 20010 to 20040n: DYKE: 20040 to 201.65n: basatt SILICIFIED ROCK: 201.65 to 223.40m: intensely silicified pillow ieva, interpillows altered to chalcopyrite. [stockwork ora] 201.65 to 206.35: high grade.									20010 20040 201.65 202.65 203.65 204.65 205.65 205.65 206.65 209.65 210.65 210.65 212.65 213.65 214.65 215.65 216.80	0.3 1.25 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(0.1 (0.1 (0.1 (0.1) (0.	1.7 03 1.1 22 22 2.7 2.6 1.3 0.7 1.2 1.6 1.4 1.4 1.4 0.8 1.2 0.7 0.8	2 02 0.05 0.39 2.65 3.15 2.53 2.08 0.07 0.02 0.65 1.52 1.52 1.52 1.52 1.52 1.52 1.52 1.5	0.11 0.33 0.43 1.05 0.21 1.05 0.35 0.03 0.04 0.05 0.06 0.05 0.04 0.04 0.04 0.03 0.03
-230		223.40 to 228.15m: light greenish grey to grey. MASSIVE LAVA: 228.15 to 230.15m: grey, dokritic. DYKE: 230.15 to 232.30m: baselt. DYKE: 232.30 to 234.25m: baselt (doleritic). MASSIVE LAVA: 234.25 to 235.25m: grey.														
240		PILLOW LAVA (VI-1): 235.25 to 250.45m: greenish grey, jasper														
250		interpilfons.														

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A — 13

		MJOB-G41 (Fro	÷.	Alter	100		ĺ		- lin	era	-	-	-	)							
DEPTH	CHART	LITHOLOGY					hets						e Service	iots	5	Samp	oling		Ore	Assa	ау
(m)	Ь		Victoretion	Argilization Quartz	Epidote	Epidote dissemi. Cetote		Massive sulphide Stockwork	Pyrite Voi	Pyrite.	Chalcopy	Chalcopy	Sphalerit dist	Sphalerite veiniets	Magneti	DEPTH (m)		Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)
0		SLUDGE: 0 to 1.50m								[											
. 1	d 6																				
	0 Q																				
																					1
· · ]		ALLUVIAL DEPOSITS:									•					- 1					
-		an a																			
-10 -																				· ·	1
:	6 6															-					
		1.50 to 2.00m;																			
	n e																				
· · ]	, , , , , , , , , , , , , , , , , , ,																·		1		
	6 6 9 5																÷.,				
. 1	6 6															· ·	-			÷ .	
-20 -	8888	PILLOW LAVA (VI-2)				ŀ											•				
	6888																			- 14 - 14	
]	6666																				
	<u> 8888</u>	18.85 to 31.30m: dark																	- 11		
· · -	<u> </u>															1. 					
	13333																				1.0
	8888	(rey.														·			Å.		
	8888															1.		÷			
-30 -	<u>8888</u>																<u>.</u>	.			
	3838	PILLOW LAVA (V1-2):			.											÷					1
•	<u> </u>	31.30 to 36.00m:																			
	888	greenish gray, braccietad in parts.																			
	<u>k</u>	DYKE: 36.00 to 37.25m:																			
	<u> </u>	Pil LOW LAVA (VI-2)																			
	8883	37.25 to 39.45m: greenish grey, brecciated in parts.																	1 : 1	- 4. 	
-40 -		DYKE: 39.45 to 40.75m; basalt			ļ				Γ							л. Х. А					
	13333	PILLOW LAVA (VI-2): 40.75 to 42.65m:	•									:								1	
	5555 ***	greenish grey, with reddiah brown in parts. DYKE: 42.65 to 43.45m:																			
	8888	doleritis baselt. PiLLOW LAVA (V1-2):											1 .								
	<u>}</u>	43.45 to 46.30m; grey. with variole texture.																1			·.
	12020 12020	ORECCIATED PILLOW														с. А.		.:	.		
																200 1	1.5		:		
-50		light groonish grey.									[	1	1				1	1	1	1	1.1

A - 14

Hole	No. 1	MJOB-G41	(Fr	om		0.	00			m I							-			وليفتقن	الشاعنيين	الملكة المساطر ا		وافتخاذ
	RT						ati Ş			Qe			ra 'Ę́						Samp	ling		Ore	Assa	iy
DEPTH (m)	CHART	LITHOLOGY		Silicification	Argilizatic	Quantz veinle	Epidote veinlets	Epidote disse	Celcite veini	Massive subhide	Stockwor	Pyrite veiniets	Pyrite.	disse	thatcopyri veint	Sphalerite diss	Sphalerite veiniets	Magnetite	depth (m)		Au (e/t)	Ag (g/t)	Cu (%)	Zn (%)
-50	A7	BRECCIATED PILLOW							r						<u> </u>						<b>.</b>			<b></b>
		LAVA: 48.30 to 57.40m:																						
		light greenish grey.																						
	14 14 14 14 14 14	FAULT: 57.40 to 60.50m sheared zone (20																						
-60	1/4 1/4 1/4	degrees to core exis).																	· .					
	<u>SA</u>	PILLOW LAVA (V1~1): 60.50 to 61.50m:																						
	<u>הלכללי</u>	FAULT: -61.50m: 30																						
		degrees to core exis. PILLOW LAVA (V1-1): 61.50 to 63.25m: dark	<i>\</i>				,						<b>.</b>										×	
		greenish grey to dark grey, consolidated sheared pillow lays.																						
·. 4	KXX KXX	MASSIVE LAVA: 63.25 to 65.80m: light grey	·						ŀ														<u>.</u>	
	RAA	epidote in vesicles with flow structure. PILLOW LAVA (VI-1):																						
70	ÞSS:	65.60 to 59.55m: light greenish grey, epidote in																		÷.				
-70		MASSIVE LAVA: 69.55	/																					
		to 77.95m; light grey to																						
								F											· · .				:	
		grey, epidote in													ľ									
		vesicles.	•			l																		
1. M. 1						I																		
		PILLOW LAVA (VI-1):																	1					1
-80 -		77.95 to 84.60m. grey.																						
		with thick interpillows (5																					1	
	55	to 15 cm).	-	ł		I				ĺ							Ì		- 44				1.	
		PILLOW LAVA (V1-I):				I																		
			• •																					
	次公	84.60 to 108.25m: dark	· * *			Í													1					
-90		(	:					ļ							ł									
	L C C	grey, intense	11																- 200 - 10				:	
· ]		4																						
		epidotization in	ntu Numeri			I												ļ						
	אלא	Ĺ																						
		interpillaws,	* • * • •																					1
	ן אלאל																							
-100	64	4	·.												<u> </u>			<u> </u>					<u> </u>	

ole No. MJOB-G41 (From 0.00 m to -150,65 n

ALC: N

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Hole	No.	MJOB-G41	(Fron	n :	0.00		m t	0 -	-15	0.6	5 m	)				20.0	· .		
	t				teratic "B			Mine						Sam	oling		Ore	Assa	iy
DEPTH (m)	CHART	LITHOLOGY	Silicification	Argilization	Quartz veiniets Epidote veiniets Epidote	disser Calcite veinler	Massive suphic	Stockwork Pyrite veiniets	Pyrite dissen	Chaicopyrite dissen	onercopyrus veinier Spheiertte	dissemi Sphalerite	Magnotite	DEPTH (m)		Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)
-100		PILLOW LAVA (VI-1):											1	[	1				
	$\Delta^{+}$	:-																	
1	L K K	84.60 to 108.25m: dark											ł		1				
	666	gray, intense												. ·					
	ቅርትረት	epidotization in												5.					
. 1	KAC										Í				1				
	ĽSSC	interpillows.																	
· . ]		MASSIVE LAVA: 108.25							<b>r</b>										
-110	V v v																		
	v v v	to 117.35m: grey.												i Sa					
· . ]	v v v													1					
																		-	
		PILLOW LAVA (V1-1):	÷															$\mathcal{A}_{1}^{(1)}$	
	662	117.35 to 123.30m; dark														1.1			:
-120 -		grey, intense							ſ										
		opioctization in																	
	600	interpillows.							L										
	ŀΫ́Ϋ́	PILLOW LAVA (VI-1)		1															
		123.30 to 127.30m: grey, intense epidotization in																÷.	
]		internillows.													1				
		PILLOW LAVA (V1-1):											.			÷.,		1	
-	666	1																	
-130 -		127.30 to 133.00m; dark	4			-										1.1			4
	K	arey.							ľ					· .		ł		ł	
	. ארא	d 11.												а. А.	Ì				
· _		HYALOCLASTITE:														·			
	2	133.00 to 135.05m: PILLOW LAVA (V1-1):														ĺ			
	655	135.05 to 137.95m: dark														ĺ		:	
	ŀĻĻĻ	() grey.										ļ		:					
		HYALOCLASTITE: 137.95 to 139.30m:												a ba			100		
-140	אַכֹּב	PRILOW LAVA (VI-1):												·			1	2	
		139.30 to 140.30m: MASSIVE LAVA: 140.30													- N.				
		to 149.50m: dark grey to				•								· ·				191	
-		gray.												1 .					
	\$54	PIELOW LAVA (VI-1): -															÷.		
	525	142 50 4- 150 65																	
	ዚዮረት	143.50 to 150.65m; derk				-											1. · · ·	1.	
•	1233														5		1. <sup>17</sup>	1	
	64	gray to grey.	-																
-150	16252	9									-					1		·	

ole No. MJOB-G41 (From 0.00 m to -150.65 m

	F			AIT	tera	tion	l - 41		. M.)	ne s	ra	<u>  Z</u>	at	ion	ا بع		Samp	oling		Ore	Ass	ay
DEPTH (m)	CHART	LITHOLOGY	Silicification	Argilization	Quertz veiniets Epidote	veinlet Epidote dissen	Celcito veiniet	Messive sulphid	Stockwork	Pyrite veiniet	Pymta, dissert	Uhalcopynte dissen	Chalcopyrite veinlet	Sphalerite dissen	Sphelerite veinlet	Magnetite	depth (m)	р.г. (m)	Au (g/t)	Ag (g/t)	Cu (%)	2 (
0 ]		UNCONSOLIDATED ALLUVIAL DEPOSITS				1														1		ſ
5		SLUDGE																				
																	-					
		UNCONSOLIDATED																				
	8888	ALLUVIAL DEPOSITS	ļ																			
1	<u> 8888</u>																					
	<u>8888</u>	5.50 to 11.90m:																				
-10 -	8888	waatherod, russat brown.															· .	ļ				1
	<u> 8888</u>																					ļ
	5555	PILLOW LAVA (VI-2):																				
	8888																					
	3888	· · ·																				
<b> </b>	<u> </u>									ĺ							· · ·					
	18888																					
	8883																ļ					
-20 -	16665																					
· . ]	BSSS																· · .					
	8888									Ì												
	8888																	ł				
	888	11.90 to 81.45m:									-						· .					
	\$888	2																.				
	3333		T											1								
-30 -	8886	y										-										
	8886	Х Х	ł														-					ł
	8885	X X																				1
· . 1	1388															İ						
	1888																					
	6665			-									ŀ									
	- <u>6665</u>	) greenish grey.																	· .			
	- <u>}</u> }}															1						ł
-40	<u>}</u>																					
	1888	{											1									
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5 D	3884		I															:				
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-50	<u>- 8888</u>			-			ļ		1					1								

Hole No. MJOB-G42 (From 0.00 m to -301.80 m

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	त						on #	41	N	lin	era Gira	11:	zat	ioi a d		·•• ··	Sam	oling		Ore	Ass	ay
DEPTH (m)	CHART	LITHOLOGY	Silicification	Argilization	Quartz veinlet	Epidote veinlet	Epidote dissemi Calcite	Massive	sulphid Stockwork	Pyrite veinlet	Pyrite dissemi.	haicopyrite dissem	thalcopyrite	Sphalerite dissen	Sphalerite veiniets	Magnotite	depth (m)	D.L.	Au (g/t)	Ag (g/t)	Cu	7n
-50	133333	PILLOW LAVA (VI-2)			(```(								<u>0</u>	ľ.				1				T
. 1	2222																	-				
	i s s s s																					
	3333																					
	6666																					
	<u> </u>					İ																
	8888																					
-60 -	<u> </u>																	:				
	<u> 8888</u>	\$1.90 to 81.45m;											ļ									
	<u> </u>																					
	<u> </u>																					
	2883																					
	8888							ļ											×			
	<u>}</u> }}}				ĺ															÷	1	
-70 -	<u> 888</u> 8																	-				
	8883	greenish grey.			ļ														-		:	-
	8888																					
	<u> </u>																					
	18883																· · .					:
	3333																			Ę.		
·	6666																				• •	· .
-80 -	19999				ĺ				Ì													
· . · ·	<u>1888</u> 8																					
		MASSIVE LAVA: 81.45 to 83.10m: greenish grey.											}									
-	<u> </u>	PILLOW LAVA (VI-2)	1						1											:	:	
	<u> 888</u>																					• .
	66666	83.10 to 94.50m:												·						:		
	6666																					
-90	<u> 8888</u>																		1.0			
	<u> </u>	greenish groy.																		- -		
	<u> </u>												ļ									· · .
	<u> </u>																-					1
	$\sim \sim \sim$	MASSIVE LAVA: 9450																				
1	v v v v v v	to 109.75m; greenish																			-:	
	$\sim$	grey to light grey. epidate in some																				
	vvvv	interpillows.																<b>I</b> .		<u>к</u> .		1 .

		· · · · · · · · · · · · · · · · · · ·			terat					iera		ati	on		Samp	ling		Ore	Acc	a\/
DEPTH	CHART	LITHOLOGY	Silicification	Argilization	Quartz veinlets Epidote	veniets ote dissemi.	te veinlets	sive suiphide	invort.	veinlets Pyrite	opyrite dissemi.	opyrite veinlets	llente dissemi: lente	Magnetite	DEPTH		Au	Ag	Cu	· · · · · ·
(m)	Ŭ	· · · · · · · ·	Silicit	<u>ک</u>	Duar Did	Epid	Cake Cake	Mass	b to	Pyrrit	Chaic	Chalcop	Sphalen Coheland Sis	Mag Mag	(m)		(g/t)	(g/t)	(%)	(%)
-100 -	v, v, v	MASSIVE LAVA: 94.50	Ĩ			T			]											
		to 109.75m: greenish																		
·. 4	v v v v v v	gray to light gray.																		
	$\langle \rangle																			
	vvvv vvvv	apidote in some																		
	$\sim \sim $	interpillows,																		
-110 -	XXXX	PILLOW LAVA (V1-2): -	▐																	
	<u> </u>																			
	8888																			
	<u> 8</u> 888																			
	6666	109.75 ta 132.95m:																		
-120	<u> 8888</u>																			:
·	<u> </u>																			:
	5555																			
	<u> </u>	beselt.													1.1					
																-				
-130 -	888																			
130	<u>}</u>																1.5			
	88883	DYKE: bassit.																		
		PilLOW LAVA (V1-2): 132.95 to 133.15m: MASSIVE LAVA: 133.15	/																	
]		to 139.00m: light grey,																		
		medium grained.																		
140	8888	DYKE: besait.	7																	
-140 -	<u> </u>	PILLOW LAVA (V1-2): 139.10 to 141.15m: greenish grey to light														1				
	8	DYKE: Losalt. PILLOW LAVA (VI-2):	]																	
	888	142.00 to 157.85m:															.			
	888	greenish grey to light																		
	<u>}</u>	grey, opidate in some																		

MIN     B<	No.	Ņ	NJOB-G42	(Fr	on	1	0.00	)		m to	) -	301	.80	) m	)							
-160       FILOW LANK On-22         -160       FILOW LANK On-22         -160       FILOW LANK On-22         -160       FILOW LANK On-22         -160       FILOW LANK On-22         -160       FILOW LANK On-22         -160       FILOW LANK On-22         -160       FILOW LANK On-22         -160       FILOW LANK On-22         -170       FILOW L	Ļ	2			1										ភា ខ្លែខ្ល		Sam	oling		Ore	Assa	зу
160       PHL099 (AAX (Vr - 2))         1420 (b) 1572 Bits       ####################################	L C	5	LITHOLOGY		Silicificati	Argilizatic	Quartz vointe Epidote	Epidote diss	Calcite vein	Massive subt Stockwor	Pyrrite vein	Pyrita Chaicopyri	disse Chalcoovri	Sphaierte	Sphalorite Sphalorite Veini	Magnetite		1				Zn (%)
160         99, split in sum           170         198,000,119,28 to the second se	1555	58	PILLOW LAVA (V1-2):							Ī			[							.		
180         -           180	88	33	142.00 to 157.85m;																			
-180	88	38	greenish grey to light									-					1.1	1				1
160     Image: Second Sec	88	88	<i>1</i>												ľ					· ·		
160     Image: Control of the second se	88	33	· .	·																		
180     1955: band con       170     1953: bit (83%)       1710     1953: bit (83%)       1711     1958: bit (83%)		XX	interpillows.																			
160     -<		$\frac{\chi}{BB}$	158.55m: sheared zone.																			
1170         PELCON AAA (V - 2) (1582 to (158 20m.)           0705: to usit         PELCON LAAA (V - 2) (152 to (158 20m.)           0705: to (158 20m.)         PELCON LAVA (V - 2) (158 to (17 J 20m.)           0705: to (158 20m.)         PELCON LAVA (V - 2) (158 to (17 J 20m.)           0705: to (158 20m.)         PELCON LAVA (V - 2) (158 to (17 J 20m.)           0705: to (158 20m.)         PELCON LAVA (V - 2) (158 to (17 J 20m.)           0706: to (158 20m.)         PELCON LAVA (V - 2) (158 to (17 J 20m.)           0706: to (158 20m.)         PELCON LAVA (V - 2) (158 to (17 J 20m.)           0706: to (158 20m.)         PELCON LAVA (V - 2) (158 to (17 J 20m.)           0706: to (158 20m.)         PELCON LAVA (V - 2) (158 to (17 J 20m.)           0707: to (17 L 2) (178 to (17 J 20 L 2) (178 to (17 L 2) (174 A (V - 2))           178 to (17 J 20 L 2) (178 to (17 L 2) (174 A (V - 2))           178 to (17 L 2) (178 to (17 L AVA (V - 2))           178 to (17 L 2) (178 to (17 L AVA (V - 2))           178 to (17 L AVA (V - 2))           1		$\delta \delta$	158.55 to 159.35m	/																		
-170         OVE: bank           -177         PELOW LANA (V1-2)           PELOW LANA (V1-2)         PELOW LANA (V1-2)           PELOW LANA	ŔŔ	ŚŚ	PILLOW LAVA (VI-2):	/ . /													:					
1700         Image: Second	Ŕ	ۑٙڮ۬	DYKE: bassit.	1																		
-170     164.55 to 171.30x;       greenish grey to fight     grey, spicite in sense       intergillions, sith variab     intergillions, sith variab       07KE: baset     07KE: baset       717.40 to 172, 173.00x;     173.00x;       178.50 to 173.00x;     173.00x;       178.50 to 173.00x;     173.00x;       178.50 to 173.00x;     174.50 to 172.20x;       178.50 to 173.00x;     174.50 to 173.00x;       178.50 to 173.00x;     174.50 to 173.00x;       178.50 to 173.00x;     174.50 to 173.00x;       178.50 to 183.50x;     174.50 to 173.00x;       178.50 to 183.50x;     174.50 to 183.50x;       178.	100		162.60 to 163.20m:	/													* .		1			
1700       greenish grey to tight         grey, cylobte in some         integrilleurs, eith vaciele         testure.         OTHE: basel.         OTHE: basel.         PHLOW LVAA (V1-2):         1730 to 172.80m;         VTKE: basel.         PHLOW LVAA (V1-2):         1735 to 172.50m;         VTKE: basel.         PHLOW LVAA (V1-2):         1735 to 172.50m;         VTKE: basel.         PHLOW LVAA (V1-2):         1735 to 172.50m;         1735 to 172.50m;         1735 to 172.50m;         1735 to 172.50m;         1735 to 181.50m;         1736 to 183.50m;         1736 to 183.50m;         1736 to 185.50m;         1737	×	XX																				
-170 - Interpillors, with varies texture. DYRE: baset. PHLOW LAVA (VI-2): 173.00 p 173.0m PHLOW LAVA (VI-2): 174.00 p 173.0m PHLOW LAVA (VI-2): 174.00 p 173.0m PHLOW LAVA (VI-2): 174.05 p 153.0m 175.05 p 18.0m PHLOW LAVA (VI-2): 179.05 p 18.00 PHLOW LAVA (VI-2): 179.	- 355	88																				
1/0       istore.         DYKE: baset.       DYKE: baset.         PILOW LAVA (V1-2):       173.40 to 173.30 cm.         DYKE: baset.       DYKE: baset.         PILOW LAVA (V1-2):       DYKE: baset.          PILOW L	ß	88	gray, apidote in some																			
-190         DYKE: baselt           -1100         LOW LAVA (V1-2);           -1120 Low J23.06m;         DYKE: baselt           -1120 Low J24A (V1-2);         T125.50; T125.50;           -1120 Low J24A (V1-2);         T126.55; T125.50;	XX	<u> </u>																				
-180 - -180 -		Å,																· ·				
-180 -	< <u>`</u> <` < < ~ ~	× × ×		· · ·																		
-180 - -180		Ω Ω Ω	173.40 to 173,80m;																			
-180     07/KE: bealt.       -180     -       -190     -       -190     -       -190     -       -190     -       -190     -       -190     -       -190     -       -190     -       -190     -       -190     -       -190     -       -190     -       -190     -       -190     -       -190     -       -190     -       -190     -       -190     -       -	< < < < < < < <		PILLOW LAVA (V1-2):	/ /				- - -														· .
-180       -         -180       -         -       -	188	88	DYKE: besst	<u>``</u> /																		
-180 - Constructives. DYKE: baselt. PILLOW LAVA (VI-2): 17905 56 101800n: DYKE: baselt. PILLOW LAVA (VI-2): 182.55 to 183.55n: DYKE: baselt. PILLOW LAVA (VI-2): 183.85 to 183.25m: DYKE: baselt. PILLOW LAVA (VI-2): 183.85 to 183.20m: DYKE: baselt. PILLOW LAVA (VI-2): 183.80 to 193.05m: greenish grey to light grey, spidote in some interpillows, with variole texture. DYKE: baselt. PILLOW LAVA (VI-2): 183.85 to 183.56 m; DYKE: baselt. DYKE: baselt.	ß	ŠŠ	176.25 to 179.50m greenish grey to light	•											. *			1				
-190       PILLOW LAVA (VI-2); 17935 to 183,05m; DVKE: baselt         -190       PILLOW LAVA (VI-2); 182,85 to 183,55m; DVKE: baselt         -190       PILLOW LAVA (VI-2); 182,65 to 189,20m; DYKE: baselt         -190       PILLOW LAVA (VI-2); 183,80 to 185,05m; greenish grey to light grey, opidots in some interpilanes, with variole toxtures.         PILLOW LAVA (VI-2); 195,55 to 185,55m; DYKE: baselt.         PILOW LAVA (VI-2); 195,55 to 185,55m; DYKE: baselt.	X	XX	interpillows, with variole	/				.														
190     DYKE: basatt.       PILLOW LAVA (VI-2);       182.85 to 183.55n;       DYKE: basatt.       PILLOW LAVA (VI-2);       184.15 to 183.25m;       DYKE: basatt.       PILLOW LAVA (VI-2);       187.85 to 183.25m;       DYKE: basatt.       PILLOW LAVA (VI-2);       188.80 to 183.25m;       DYKE: basatt.       PILLOW LAVA (VI-2);       188.80 to 183.05m;       greenish grey to light       grey, opidote in aome       interpilows, with variole       texture.       DYKE: basatt.       PILLOW LAVA (VI-2);       188.80 to 185.55m;       DYKE: basatt.	X	ΧX	PILLOW LAVA (V1-2):																			
-190       192.65 to 183.05 m: DYKE: basait.       PILLOW LAVA (VI-2): 184.15 to 183.25 m: DYKE: basait.       PILLOW LAVA (VI-2): 187.65 to 189.20 w       DYKE: basait.       PILLOW LAVA (VI-2): 189.80 to 193.05 m: greenish grey to light grey, opklote in some interpillows, with variole texture.       DYKE: basait.       PILLOW LAVA (VI-2): 189.80 to 135.05 m: greenish grey to light       PHLOW LAVA (VI-2): 189.80 to 135.05 m: DYKE: basait.	22	Ŕ	DYKE: basalt.	/ /																		÷.
-190       PILLOW LAVA (VI-2); 194.15 to 185.35m; DYRE: baselt.         -190       PILLOW LAVA (VI-2); 187.65 to 189.20m; DYRE: baselt.         PILLOW LAVA (VI-2); 189.80 to 195.05m; greenish grey to light grey, opkidote in some interpillows, with variale texture.         DYRE: baselt.         PILLOW LAVA (VI-2); 189.80 to 195.05m; greenish grey to light grey, opkidote in some interpillows, with variale texture.         DYRE: baselt.         PILLOW LAVA (VI-2); 185.5 to 155.5 to 155.55m; DYRE: baselt.	58	80	182.65 to 183.55m										Ì									
-190 PILLOW LAVA (VI-2): 187.65 to 189.20m: DYKE: basalt PILLOW LAVA (VI-2): 188.80 to 183.05m: greenish grey to light grey, opidate in some interpillows, with variole texture. DYKE: basalt. PILLOW LAVA (VI-2): 185.55 to 185.55m; DYKE: basalt.		ŝ	PILLOW LAVA (VI-2).								ſ											· .
-190 -190 -190 -190 -190 -190 -190 -190 -192 -19880 to 193 05m: greenish grey to light grey, epidote in aome interpillows, with variole texture. 	<	్రం సానా	DYXE: basalt.	<i>,</i>												[						
-190 PILLOW LAVA (V1-2): 189.80 to 133.05m: greenish gray to light gray, optidate in some interpillows, with variale texture. DYKE: baselt. PILLOW LAVA (V1-2): 185.55 to 155.55m; DYKE: baselt.	X	XX	187.65 to 189.20m																			
greenish grey to light grey, opkloto in some interpillows, with vericle texture. C C C DYKE: basalt. PHLOW LAVA (V1-2): PHLOW LAVA (V1-2): DYKE: basalt.	Ŕ	588	·														2					
grey, opidats in same interpillows, with variale texture c < C DYRE: besult. c < S PILLOW LAVA (V1-2): 185.55 to 185.95m; DYRE: basalt.	188	383	] • • • •																			
V         texture.           V         C           V         DYKE: besit.           V         S           V         PiLLOW LAVA (V1-2):           185.65 to 185.95 nr.           DYKE: besalt.	188	58	grey, epidote in some																	<u>.</u>		
S         S         PILLOW LAVA (VI-2):           IS5.65 to 195.95m;         DYKE: basalt	188	<u>}</u> }				1			μ												Í .	
195.65 to 195.95m. DYKE: basalt		چې چېچ																				
	88	<u> </u>	195.55 to 195.95m		/												1 - 1 - 1 					
196.45 to 202.90m	188	55	PILLOW LAVA (VI-2)																			.

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	lo.	MJOB-G42	(Fr		-		00			m	-		-30		-									
	ы			_			at \$			-			era E		۰÷	3 8	5		Samp	oling		Ore	Assa	ay
EPTH (m)	CHART	LITHOLOGY		Silicification	Argilization	Quartz veinlet	Epidote veinle	Epidote disser	Calcite veinlets	Massive	Stockwork	Pyrite Veiniets	Pyrite dissemi.	Chelcopyritu disser	Chaicopyrit	Sphalerite	Sphalerite veinie	Magnetite	өертн (m)	•	Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)
200	5355	PILLOW LAVA (VI2):									[													
	<u> </u>	198.45 to 202.90m																						
	2000 2000	DYKE: basak																					1	
	3333 3333	PILLOW LAVA (V1-2): 203.95 to 207.25m greenish grey to Edit	• •										1											
	19999	grey, epidote in some interpillows, with vericle																						
-	<u>v v v</u>	texture. MASSIVE LAVA: 207.25											I											
	<u>v v v</u> < < < <	to 209.00m: DYKE: basalt.																ļ		:				
210 -	v,v,v	MASSIVE LAVA: 209.50	/																					
	$\begin{pmatrix} v & v & v \\ v & v & v \\ v & v & v \end{pmatrix}$	to 212.30m:																						
	v v v v v v	DYKE: basalt MASSIVE LAVA: 212.30			ļ																			
	888	to 213.80m: PILLOW LAVA (VI-2):																						
•••]	888	213.80 to 220.60m.																		1		· .	•	
-	6666	greenish grey to light																1					ļ	- 0
	888	arey, epidote in some interpillows, with variols																				i di		:
220 -	<u> 888</u>	) Lexture.						e I																
	2000	DYKE: baselt. PILLOW LAYA (V1-2):								ļ										·				
	888	221.00 to 223.35m; greenish grey to light	u e Vite																					
		DYKE: bacelt.	· · · ·	-									ł			ĺ								
	<u> 888</u>	224.15 to 226.75m: greenish grey to tight																						
	$\left  \left\langle \left\langle \left\langle \left\langle \left\langle \left\langle \left\langle \left\langle \left\langle \left\langle \left\langle \left\langle \left\langle $	DYKE: besalt.											·											
	ŔŔŔ	PILLOW LAVA (V1-2): 227.70 to 229.95m:												ĺ		ĺ								1
-230 -	REE	greenish grey to light grey.							h															
	888	DYKE: hesek. PILLOW LAVA (V1-2):																						
	<u>888</u>	230.45 to 237.30m:																						
	3333	greenish grey to light grey, epidote in some	. Y .											}										
	15555	interpillows, with vericle	·.																					.
	<u> 888</u>	texture.																						
		OYKE: basalt. PILLOW LAVA (V1-2)														1								
240	<u>888</u>	237.95 to 240.70m: groonish groy to light							μ															
-240 -		DYKE: basait (doferitic).			ł																			
	<u>888</u>	PILLOW LAVA (VI-2):									1													
	<u> 888</u>	greenish grey to light	:																					
	<u>}}}}</u>	grey, epidots in some interpillows, with variole	- <u>(</u> )																1.11					1
	<u>k</u>	texture.																	1.1					
		DYKE: beselt.																		· · ·				
	ර්ර්	DYKE: baselt		1	1	1	1	1	E	1	1	1		- F	1	1	1	1	1	1	1 1	1	1	1

1					Alt	ter	at	ion			M	ine	ra	liz	at	ior	)					. 1		
	∖кт									aide									Sam	oling		Ore	Assa	зy
DEPTH (m)	CHART	LITHOLOGY		Silicification	Argilization	Quartz	Epidote	Epidote dissemi.	Calcite vein	Massive subhide	Stockwo	Pyrite voin	Pyrite. diss	chaicopyr diss	Chalcopyr	Sphalerite dissemi.	Sphalerit vnin	Magnetite	depth (m)	ы. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Zr (%
-250 -	62223	PILLOW LAVA (VI-2);			[ ••• ••	l	[								<u> </u>			T		l	1			 T
	v <sup>v</sup> v <sup>v</sup> v	248.49 to 250.65m greenish grey to light	- /																					
	$\sqrt{\sqrt{v}}$	MASSIVE LAVA: 250.65	·1				ĺ				İ									ļ				
		to 252.60m: light gray. DYKE: bassit	!}																					
	à <del>ààà</del> à	DYKE: basatt.	_/																					
	188881	PILLOW LAVA (V1-2):																						·
	22222	254.30 to 256.60m; greenish grey to light																		1.0				
	< < < < < < < < < <	grey, epidote in some interpillows, with variale	- A	·																				· ·
	18883	DYKE: baseft.	/																		1.1			
. 1	RXXXI	PILLOW LAVA (VI-2):	ļ										.							1		•		
-260 -	6888	248.40 to 250.65m:									[										1			
	RXXX	manuith must be light	÷.,																		÷.,		1.4	
: 1	<u>8883</u>	greenish grey to light	· · ]																· ·					
. ]	65553	grey.																				· ·		
		DYKE: basett.																						- ·
	68888	PILLOW LAVA (V1-2)	/																	1				
	RRR	264.90 to 268.25m:	1.																				- 44 - C	[
	18888	201.00 (0 200.2011.																					:	
	00000	DYKE: basalt.																						
-270		PILLOW LAVA (V1-2): 268.55 to 269.30m;	11								1		ĺ											1
	ŔŔŔŔ	DYKE: besett										ĺ						1						
		PILLOW LAVA (VI-2): 270.35 to 271.25m:	- n										ĺ.							:				
	ŔŔĬ	DYKE: basett.			ļ											·			2.1					· .
- ·	ÉÉÉ	PILLOW LAVA (V1-1): 271.65 to 273.90m: light	°					1													1 · ·	1994) 1994) 1994)		
· · ·	5555	greenish grey (no variole taxture).	/			ĺ						1				[				1			1.1	
· •	האלו	DYKE: basaft. PILLOW LAVA (VI-1):																		- 14 M				· .
		273.90 to 274.40m;									1							İ						
		DYKE: basalt. PILLOW LAVA (V1-1):	/						Í										11 A.			5 		1
. 1	RR	275.10 to 277.00m;	//																	1.1				-
-280 -	ĽĽĽ	DYKE: basalt. PILLOW LAVA (VI-1):	4										ŀ								-		t.	
	ÌQÇ	277.65 to 278.00m:	<u> </u>																			1		
	<u>~~~</u> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	PILLOW LAVA (VI-1):	J													1					1		, î	l
	AAAA	278.30 to 280.50m DYKE: baselt.			1			1												1			·	
-	62223	PILLOW LAVA (V1-1):					1											ļ						
· ]	8888	280.95 to 281.50m: DYKE: basait.				ŀ													· ·					
	66663	PILLOW LAVA (VI-2):	/																					
	1888	282.40 to 282.80m DYKE: basalt			1											1								
	KKK	PILLOW LAVA (V1-2):	J																		·			
-290 -		283.60 to 289.90m: light grey, sheared.				1		1								.				1		17	·.	
	<b>BAX</b>	SILICIFIED ROCK: 288.90 to 290.45m	. /											ļ	ĺ					1.		1 N		1
	ፚፚ	FAULT: (45 degree to core axis)										1	Í							1.1		1	1. T	
	656	PILLOW LAVA (V1-1):	<u></u>																					
	RSS	290.45 to 297.50m: grey								Į					1									
1		to greenish grey, weak	1																				ł	
·	իሮት	megnetism, slightly	· .														1							
	$\Delta$	sheered										1						1		·	÷.,			
	<u> </u>	SHEARED: 297.50 to 298.50m: intensely						1		1			Γ						1					
	1 - <del>1</del>	aheared zone (fault).	/	1				1		1			1											
· · · · · · · · · · · · · · · · · · ·	# #	GABBRO: 298.50 to		]		1				1						(	E	- E						

	NO. 1	MJOB-G43 (Fr			0.( ter		on	-			-		0.4 Liz						-	1			-
DEPTH (m)	CHART	LITHOLOGY	Silicification			-	Epidote dissemi.	lotte veiniets	tssive subhide				Chalcopyrite dissemi.				Magnetite	Samp	D.L.	Au	Ore Ag	Cu	ſ
L			3	Å	ð	<u>ш</u> 	ພິດ	ő	ž	ŝ	₫	ኟ	ð	ð	ŝ	ş	ž	(m)	(m)	(g/t)	(g/t)	(%)	
0		SLUDGE: 0 to 1.50m;		[		<b></b>								[					]				T
	a.a.9	UNCONSOLIDATED ALLUVIAL DEPOSITS: 1.50 to 2.00m SLUDGE: 2.00 to 2.50m																					
-	a . 	UNCONSOLIDATED																:					
		ALLUVIAL DEPOSITS:																					
-10 -	с <u>э</u>	2.50 to 13.20m:																					
	0 a 0																						
		SAND: 13.20 to 16.20m: Fine send.																					
		UNCONSOLIDATED ALLUVIAL DEPOSITS: 16:20 to 16:75m																			:		
-20	非 非 	GABBRO: 16.75 to 22.85m: highly weathered. 22.00 to																					
		22.85m: fine grained deleritic.																					
		GABBRO: 22.85 to 28.40m: highly weathered. 25.40 to																					
		26.40m: fine grained, dolentic. GABBRO: 26.40 to 28.75m: highly	-																				
-30 -	# # # #	weathered. 25.40 to 28.75m: fine grained, deleritic. GABBRO: 26.40 to																					
-30 -	# #   # #   # #																						
	# # # #																						
	# # # # # #																	·					
40	# # # #																		•				
-40 -	# # # #																						
	# # # # # #																						
		doloritic to basettic.													1						:		

Hole	No.	MJOB-G43	(Fro	om	1	0.	00			m	to		-15	0.4	15	m,	) ``			2				
				'				ion					əra			io	n		Some	ling		Ore	Ace	
DEPTH (m)	CHART	LITHOLOGY		Silicification	Argilization	Nuertz veiniets	pidote veiniets	Epidote dissemi.	alcito veinlets	Massive sulphide	tockwork	Pyrite veinlets	Pyritte. dissemi.	talcopyrite dissemi.	alcopyrite	Sphalerite	Sphalerite vainiets	Magnetite	Samı DEPTH (m)	 F	Au	Ag (g/t)	Cu	Zn (%)
50				ΰδ	< 			ш ( 	5		(1)	а.		<u>ঠ</u>	<u>ۍ</u>	ŝ	ŝ				1000	100	(//)	
50	₁	GABBRO: 28.40 to 28.75m: highly																		in tain Las	-			
	4# 4# # 4#					- - - - -																		
		doloritis to baseltio.																						
		V MASSIVE LAVA: 57.05																						
-60		∨ V to 66,85m: greenish V	. *																		• .			
		V																	- 					
		V V																						
		V         Pillow LAVA (VI-2):           86.95 to 69.65m;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;																					a the	
70		METALLIFEROUS																						
		70.05m: dark brown (20 cm). PILLOW LAVA (V1-1): 70.05 to 78.75m:																						
		)[ brownish, with thick )[ Interpillows (20 to 40																						
		1( cm). < DYKE: 78.75 to 78.20m: < basait.																						
-80 -		)() PILLOW LAVA (V1-1): )() )() )() )()							-															
		If brownish grey to dark	din . T																					
		Щ Interpillow.																		- 13 - 4				
		FAULT: 85.65 m: 60 degrees to core sxie. METALLFEROUS	/																					
90		SEDIMENTS: 85.65 to 88.65m: PILLOW LAVA (V1-1):																						
<del>.</del>		ユ( )近 88,65 to 108,80m: derk )	* .																					
		grey to dark brownish																						- 2
		interpitions (10 to 50	• ••																					TWL ALCON
		<u>И</u> Д ст).	2																	•				
-100	.) [" <u>`</u> ``_``	<u></u>		I	_l	<u> </u>		<u> </u>	<u>.</u> ].].		1	1	<u>.</u> ł		. <b>I</b>	_ <u> </u>			. <b>.</b>			1		1

### Hole No. MJOB-G43 (From 0.00 m to -150.45 m)

		JOB-G43 (Fr		Alte	), <b>0</b> 0 erat				o Mir							ni tini ti					
	RT							hiđ <b>o</b>						i u	. 9	Samp	oling		Ore	Assa	у
DEPTH (m)	CHART	LITHOLOGY	Silicification	Argilizatio	Epidote	Epidote dissemi.	Calcite vein	Massive sulphide	Stockwol Pyrite	Pyrite,	Chalcopyrite	diss Chaicopyr	Sphalorit	Sphaforite veinlet	Magnetice	depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)
-100		PILLOW LAVA (VI~1):	<u> </u>		-	T	ГГ					[	T	1					[		
	555	88.65 to 108.80m: dark																			
	<u>לללי</u>	grey to dark brownish														i					
1	<u>אלאלי</u>	grey, with thick																			
-	b C C C C	interpillows (10 to 50																			
		em).																			
		DYKE: 108.80 to																			
-110 -	RAG	109.00m: baselt. PILLOW LAVA (VI-1):	/																		
-	<b>KAA</b>																				
	662	\$09.00 to \$13.30m:																			
	RA A	DYKE: 113.30 to 113.40m: basalt.	1				Ŀ					ļ									
·		PILLOW LAVA (VI-1):																			
.		113.40 to 122.70m:																			
-		iAspar in interpillows																			
-120 -		117.90 to 122.65m: with																			
	622	amygdeloidel texture.																			
	ŔŔ	MASSIVE LAVA: 122.70	4																		
		v to 125.95m: grey to derk																			
		v grey, slightly coarse v grained.																			
		PILLOW LAVA (V1-1):															.				
		4																			
-130 -		11. 11. 125.95 to 150.45m; dark																			
		и И																			
· · ·		Lí bzownizh grey. 131.15																			
	1233	ng sa si d														.					
 	1 KA	][] ][] to 131.35m; jaspar in														·					
		Щ																			
-140	1662	<u>л</u> п																			
-140		interpillows. 144.65 to	.																		
		Щ	•••													÷.,					
	1625	144.95m: jasper in	2																		
e e e e e e e e e e e e e e e e e e e		<u>щ</u>						ŀ										·   .			
	155	A. States in the second																· .			
		山. interpillows. 近																			
	163	건 건									1								·   ·		-

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DEPTH	CHART	LITHOLOGY				rati		shide	Min ž					it s	Sam	oling		Ore	Ass	ay	
(m)	Ŕ	EnnoLogi		Silicification	Argiization Quartz	Epidote	Calcite Voinlets	Massive suiphide	Stockwork Pyrite	Pyrite.	Chaicopyrite dissemi.	Schalart	Sphaleri	veiniets Magnetite	<sup>DEPTH</sup> (m)		Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)	
0 ]		SLUDGE: 0 to 2.00m:							Γ		(	Ī						, ,	) <sup></sup>		
	B. c. î	UNCONSOLIDATED ALLUVIAL DEPOSITS: 2.00 to 3.05m										-									
-		SLUDGE: 3.05 to 9.10m:																-			
-			• .																	· .	
-																					
~10 -		PILLOW LAVA (VI-2):																1.			
-10	8888	ina di Angelandi. Angelandi														a <sup>rt</sup>				÷.	
	<u> </u>	9.10 to 17.65m:											1								
	8888																	 			
-	66666	westhered.													· · ·						
· ]		PILLOW LAVA (V1-2).																			
	8883		-									-					- 44 - 4				
-20 -	8888														Т. т. т.						
		n an an an an an an an an an an an an an															÷.				
]	6666																nd - Na				
	6333	17.55 ta 38.90m: derk																			
• • •	<u> </u>																				
-30 -	<u> </u>														а. 1						
· ·	<u> 8888</u>	groonish groy.																÷.,			
	13333						I												•		:
	<u> </u>																				
. –	<u> 8888</u>																				
4	<u> BEEE</u>	PILLOW LAVA (V1-2); -														ч. 1			•		
-40 -	<u> </u>																		i.		
	<u> </u>															1	ан 1917 - Малан 1917 - Малан				
-	<u> </u>	38.90 to 68.70m																			
	<u> </u>		•														н 4.				
	<u>13333</u>	greenish grey.																			
.	<u> </u>		1				1														

#### . . . .

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-60 -70	- 6			Silicification		erat				Pyrite Veinlotz Veinlotz					g	mpling	Au	Ore Ag	Assa Cu	]	
(m) -50 -70				Silicificatio	Argilization	Epidote	Epidote	Calcrte veinte	Massive sulphi Stockwork	Pyrite veinle	Vrite disser	dissor dissor loopyritu	veinle lalerite dissel	alorite veinie	DEP	H DL	Δ	Δσ	Cu	7.	
-60 -70			-				רו	~r-r			ር ረ	5 5	ŝ	rds :	m		(t)	(g/t)	(%)	Zn (%)	
-70 -80							1 1			TI							T				
-70 -80					i 1																
-70 -80		×8																			
-70 -80											_										
-70 -80	188	38.90 to 68.70m:																			
-70 -80	니동풍품																				
-80	188																				
-80	188																				
-80	188	XXX greenish groy.																		-	
-80	- 68	88						┝┵╢					ĺ								
-80	188																				
-80		TOTI FAULT: 68.70m: 30																			
	- 88	FAULT BRECCIA: 68.7 to 68.95m: breccia by	。 														:				
	188	Quartz comented. PILLOW LAVA (VI-2):	]			•									,						
	188	XX																			
		88																			
	188																				
		68.95 to 101.60m:																			
	-188	<u> </u>																			
	188																			,	
		brownish grey.	· .													·   /					
		<u>}</u>																			
	188														Ì						
	- 68	73.80 to 85.45m	:																		
-90	- 88																				
		33	el Secondaria																		
	$+\Omega\Omega$	XX																			
	-188	browniek in placee.	:																		
																-					
		<u>88</u>	and a Airtí														•				:

Hole No. MJOB-G44 (From 0.00 m to -300.15 m

Hole				Ī	Al	ter	at	ion			M	ine	əra	li:	zat	ior	1		[					
DEDTU	CHART	LITHOLOGY	:	[						e lide						sem.	9 <u>9</u>	9	Sam	oling	r I	Ore	Ass	ау
DEPTH (m)	С Н	LITHOLOGI		Silicification	Argilization	Quartz	Epidote	Epidote dissemi.	Calcite veir	Massive	Stockwork	Pyrite veir	Pyrite, diss	Chalcopyn dise	Chalcopy	Sphalerit	Sphalerite voint	Magnetite	<sub>DEPTH</sub> (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)
-100	135333	Pillow Lava (V1-2): 68.95 to 101.60m:			F										r <u>ě</u>	T					1	<u> </u>		[
, ,	<u> </u>	brownish grey. 73.80 to 85,45m:	. ,			ļ																		
		brownish in places. MASSIVE LAVA: -101.60 to 103.60m; greenish	<i>I</i>																		÷			
	$\dot{\chi}$	PILLOW LAVA (V1-2):																						
	*\$\$\$\$	103.80 to 104.15m: DYKE: 104.15 to	-												[									
	v v v	104.65m; besalt PILLOW LAVA (V1-2):	_																		- 21			
	v v v	104.65 to 105.50m: MASSIVE LAVA: -105.50																						
110	vvvv	•																						
~110 -																								
-	v v v	to 117.75m: graenish																						
			. '																. ·					
. 1	vvvv	B.9X																			:	-		
	v v v																							
	$\sqrt[v]{v}$																							
. 1	<u> Beeed</u>	PILLOW LAVA (VI-2):	2																1.1					
-120 -	6888																							2
	8888	117.75 to 128.20m: derk	·																-					
	8888																				÷.,			
	8888	greenish grey to	. ,			ľ													· ·					
	<u> </u>																		•••					
.	<u>5555</u>	groonish groy.					ļ													2		н. 1		
	1383	an an an an an an an an an an an an an a																		- 14 - 14				
	v v v	MASSIVE LAVA: 128.20	:						_															
-130 -	v v v	to 132.20m: greenish	÷ .																					
		ELAÀ.	· .																					
	<u> </u>	PILLOW LAVA (V1-2): 132.20 to 133.30m:																						:
		DYKE: 133.30 to	/	1		ł													-				[	
]	8886	134.95m; besett. PILLOW LAVA (V1-2):			Í																			
1	6888	133.30 to 134.95m: dark		I																				
	<u> 8888</u>	·																						
	19993	graenish grey to																					·	
-140 -	\$\$\$\$\$	greenish grey, with							$\left  \right $															
	13333	variole texture.				1										:								
	12222	DYKE: 143.05 to	····																15					
	1888	143.60m: bssaft. PILLOW LAVA (V1-2):																				.	· ·	
	18888																							
-	<u>}}}}</u>	143.60 to 151.90m:																					.	
	<u>}</u>																		· ·					
-150	12000				1	1	1	1			!				í –	1	t I		1	1 .	1	1	L .	· ·

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Hole I	No.	MJOBG44	(Fr	om	1	0.0	00			m	to		30	0.1	5	m)								• .
	RT .						ati ¥						era ਵ				ş		Samp	oling		Ore	Assa	ау
DEPTH (m)	CHART	LITHOLOGY		Silicification	Arghizatic	Quertz veine	Epidote veiniets	Epidote	Calcite vein	Massive	Stockwork	Py <del>nite</del> veiniets	Pyritta dissemi.	Chalcopyri disse	Chalcopyri Vaini	Sphaterit: diss	Sphalerite veinist	Magnetite	depth (m)	1	Au (g/t)	Ag (g/t)		Zn (%)
-150	, KXXV:	PILLOW LAVA (V1-2):				)								ž	<b>.</b>		· ·							,
·		143.60 to 151.90m:																						
	BBBB	PILLOW LAVA (VI~2); 151.90 to 154.40m; light																			-			
	8885	groonish groy.								ł														
		MASSIVE LAVA: 154.40 to 156.45m: light													ļ									
	ŠŠŠŠ	/ greenish groy. PitLOW LAVA (V1~2):															-							
	688	156.45 to 168.20m: light	•																					
~160 -	888	-							h															
	888	greanish grey, with											,											
	<u> 888</u>	variole texture. 157.40																						
· ]	888	ta 165.20m; jesper,																			ļ		ŀ	
	<u> 5555</u>	calcits in interpillows.	÷.																					
	<u>kööö</u>	MASSIVE LAVA: 166.20																	:		1.1			
								·							.									
	Ň, Ň,	/ to 171,15m: light	14							Ì														
-170 -	Ľv. v	/ greenish groy.																	1.1	·				
		DYKE: 171.15 to																						
	XXX	MASSIVE LAVA: 171.65																						
	<u> </u>	Steenish grey.	/																					
	<u>888</u>	172.95 to 180.85m: light																						
-	<u> 888</u>	groenish grey, with																						
	<u> </u>	variole texture. 179.40						1									ļ	ĺ				-		
-180 -	888	to 180.65m. epidote and seloite in interpillows.										ľ							· .					
	<u>40400</u>	C DYKE: 180.85 to				1																		
	1388	181.30m:   PILLOW EAVA (V1-2):	/																÷		ł			
	<u> 888</u>	\$																				·	·	
	<u>888</u>	}																				·		
	<u>888</u>	181.30 to 206.25m: fight	· • .															1			1.			
: · ·	<u> </u>	8																					1	
	1333	greenish grey. 181.30																						
-190 -	688																				· :			
	6666	3																		.				
	888	to 206.05m: apidote and	 					1																
	<u>888</u>	X																					· .	
	<u>888</u>		· · ·																	- ·			.	
	3333	Calcite în înterpillows.														مرجود م مرجوع م	<u></u>							
	888	5												.									· .	
-200	2555	\$															9.2.2		<u> </u>					

## Hole No. MJOB-G44 (From 0.00 m to -300.15 m)