APPENDICES

Geologic Log of MJZC-2 \sim 4

Abbreviations

Lithology

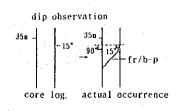
Mineralization / Alteration

Anhyd: anhydrite

AGL: argillite alt: altered AMP: amphibolite aren: arenaceous arg: argillaceous ark: arkose b: bedding: bk: black b-p: bedding plane bre: breccia brwn: brown CGL: conglomerate comp: compact conv: convolute cos: coarse cryst: crystalline dk: dark dol: dolomitic DM: dolomite feld: feldspar fr: fracture Gab: gabbro grn: green gry: gray hd: hard ig.r: igneous rock la: lamina LAT: laterite LS: limestone mass: massive medi; medium mdy: muddy mica: micaceous peb: pebble QZT: quartzite gzose: guartzose r: rock sdy: sandy seri: sericitic

SH: shale
sh: sheared
sil: siliceous
SS: sandstone
str: structure
whi: white
yel: yellow

Bio: biotite Cal: calcite carb: carbonate circ: circulation Cp: chalcopyrite diss: dissemination f: fine F/W: footwall Gyp: gypsum Hem: hematite Ho: hornblende H/W: hangingwall irreg: irregular Limo: limonite m: mineral oxi: oxidized Po: pyrrhotite Py: pyrite Oz: quartz sca: scapolite str: strong tex: texture tremo: tremolite v: very w: weak



Drill hole No. : MJZC - 2 Latitude : 12°43′28″\$ Inclination $:-90^{\circ}$ Elevation :/2/2.5m

(1)

Depth (m)	Log.	Lithology	Mineralization / Alteration	Samp. No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Со %	Zn %		
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5m -	L.	reddish LAT										
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-	· ·										{	
10m				1			· ·					
-	L	stringly weathoused r.										
-	ال . مستحد م	greenish gray										
-		green ish pray sandy ARGILLITE brown str. weath. r.	milaceous				.					
		frown sir, weath.r.								· ·		
15m		grnish gry AGL phyllitic		ļ								
-		Ingriture +1		1		1	· ·					
-		weathered partly									'	
-												
100 ·									1		·	
20 <u>m</u> _	[- -									
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25m												
	<u> </u>					ł						
		dk, yel, grn micaceous AGL										
_	[]	gin AGL										
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30m		brown weathered										
-		medium ar Rose								ł		
		SANDSTONE										
· _	ŀ											
35m								ļ				
-	· · .											
-				1								
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- 40m							1 :					
-408	<u> </u>	Hack				ł						
·		black calcareous SHALE	Py. w. diss,									1
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- 15m		SHALE/QZ	Qz. vein		- · · · ·				l .	1 2		
-			· ·						.	1.		
	目母	SHALE/which d DM.							1 .		· ·	1
:	嶐	ang-DOLOMITE						[1			
	譚			1			·	. ·				
50m		bk, SHALE not calcarious	Py. W. diss.	1	1 · · · · · · · · · · · · · · · · · · ·	1	1	1			L	· ·

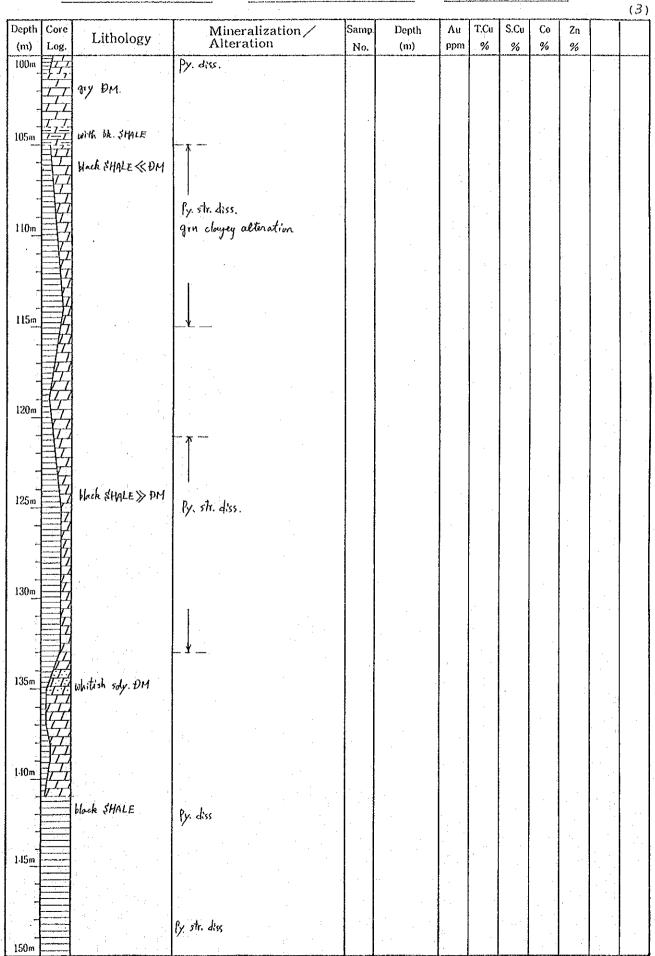
Direction : Longitude : (true north)

Inclination : -Elevation :

		Zn %	Co %	S.Cu %	T.Cu %	Au ppm		Depth (m)	Samp. No.	Mineralization / Alteration	Lithology	th Core) Log.
		· · · · · · · · · · · · ·									black SHALE)m
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1				1		1	••;		1	⊼- 27.5tr.diss. ↓_		世
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Direction : Longitude : (true north)

Inclination : Elevation 1



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Drill hole No. : MJZC-2 Direction : (true north) Latitude :

Longitude :

Inclination : -• Elevation :

								(/-			(4)
Core Log.	Lithology	Mineralization / Alteration	Samp. No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %		
	block SHALE with DM.	Py diss,									
家	A Cuttings (N/C) Coring dk.grn. altered GABBRO massive	sil-dolonite veinlets		• . ·							
	grye sil-alt.9B. V. comp. hd.	stlicified sil-dolomite network					. :	:	ж. 1		
	dk, trownish gry	sil-cos, crystallized dolomite remlets									
入 xX	gy. v.sil-att. rock	str. silicification									
									:		
XX	Fractured white claysy	Mica veinlets limo, diss. sil-dofomite veinlets									
127-53	brecciated	cos, cryst. dol limo-Hica vuggy voir									
X	v.sil. alt.r.	vuggy dol-limo-mica vainlats (network)		- - - - -							
A VA	V. alt. GAB Ho. left DH. breccia, mica-matrix	dollino-mica natwork				r.		-			
,,',',' X	asy, visil-alt, r. massive sil, r.	gin, clayay part in sil-r. sil-dolomite network			:						
XXX	brecciated by vein										
	grnish q1y, mars. alt. GAB. 4.50° v.	Hice dolanite notwork									
家家		(40cm) dolomite - mica veinlet n dise.									
	4-50 v.	gty. alt. w-sil str.mica. cos.cryst. dol limo. voinfets									
A A	brocesias of DH 2	sil-dolomite-mica filling matrix of precilas						-			
	gry sil. alt r.										
XV			5)								
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		Lug. Lithology block ithere with DM. r Cuttings (N/C) Coving Toving Cheeded GABBRO N. Sil-alt GB. V. comp. bel. V. com	Lug. Lithology Alteration Hick, itHALE With BH. A Cuttings (N/C) Caring an estual GABBEO Massive Alternation My sil-alt GB. V. comp. He. Sil-dolomite veinlets My sil-alt GB. V. comp. He. Sil-dolomite network dk. hownish gy. Sil-cos.orystallized dob mite veinlets My visil-alt. rech. Str. silication My visil-alt. rech. Str. silication Mica veinlets limo. diss. Sil-dolomite veinlets Wite claysey. Sil-dolomite veinlets Wite claysey. Sil-dolomite veinlets Wite claysey. Sil-dolomite veinlets Wite claysey. Sil-dolomite veinlets Wite claysey. Sil-dolomite veinlets Wite claysey. Sil-dolomite network Silication Wite claysey. Sil-dolomite veinlets Silication Wite claysey. Silication Mica veinlets Silication Mica veinlets Silication Mica veinlets Silication Mica veinlets Silication Mica claysey for limo-mica veinlets Costwork. Mica dolomite veinlets Silication site veinlets Silication diff. Silication Hica dolomite veinlets Silication Hica veinlets Silication Hica veinlets Silication Hica veinlets Silication Hica veinlets Silication Hica dolomite veinlets Silication Hica dolomite veinlets Silication Silication Silication Hica veinlets Silication Hica filling motix Silication Silication Silication Silication Silication Silication Hica dolomite veinlets (2000) Silication Hica dolomite (2000) Silication (2000) Si	Lue. Lithology Alteration No. Lue. Lithology Alteration No. Hock itHALE With DM. + Callings CV/C3 de.ging. Stead GABBRO SI-dolonite veinlets massive My sil-alt98. Clicified Sil-dolonite network de. knowish gy Sil-cos. cyclollized dob mite veinlet Gy. vsil-alt. reck. Str. silicofication Gy. vsil-alt. reck. Str. silicofication Gy. vsil-alt. reck. Str. silicofication Vein Cos. cryst. dol lino - Hica vuggy vein beccieted V. alt. GAB Ho. left Gy. usil-alt. r. Hica veinlets Gy. vsil-alt. r. Hica - dolonite veinlets Gy. vsil-alt. r. Hica - dolonite veinlets Gy. usil-alt. r. Hica - dolonite veinlets Gy. alt. GAB Hica - dolonite veinlets Gy. alt. GAB. Hica - dolonite mica veinlets Gy. alt. GAB. Hica - dolonite mica veinlets Gy. alt. GAB. Hica - dolonite mica veinlets Hica - dolonite mica veinlets Hica - dolonite mica filling motix Gy. gy. sil.alt. r. Gy. alt. r. Hica - dol. alteration (veinlets Gy. sil-alt. r. Gy. gy. sil.alt. r. Hica - dol. alteration (veinlets Gy. gy. sil.alt. r. Gy. gy. alt. r. Hica - dol. alteration (veinlets Gy. gy. sil.alt. r. Hica - dol. alteration (veinlets Gy. gy. sil mica - dol. alteration (veinlets Gy. gy. sil mica - dol. alteration (veinlets Gy. gy. br. h. f. f. Hica - dol. alteration (veinlets Gy. gy. dy. gy. sil mica - dol. alteration (veinlets)	Lup Lithology Alteration No. (m) Lup Lithology Alteration No. (m) Hak HHLE with PH. a Culturg CU/2) Continued GABBRO sil-dolonite veinlets massive and sil-dolonite veinlets My sil-add GBB. Very Very att. reck. St. sil-dolonite veinlets My vid-att. reck. St. sil-cofication My vid-att. reck. St. sil-cofication My vid-att. reck. St. sil-cofication Very Very att. reck. St. sil-dolonite veinlets Weigey beccided No. (m) Mo. (m) Mo. (m) Mo. (m) (m) (m) (m) (m) (m) (m) (m)	Luthology Atteration No. (m) ppm Luthology Atteration No. (m) ppm Hock HHALE By diss. WH DH. Califys (4/2) Califys (4/2)	Lug Lithology Alteration No. (m) ppm 36 Mark SHALE B. J. dvs. - or allogs (MA) -	Lithology Alteration No. (m) ppm % % Just 2014. 2014. generatings (M2) Had HALE With 2014. generatings (M2) Harmise and Gabber of I-debonte vendets Harmise gy states of the object vendets Harmise gy objects we gy objects Harmise gy objects gy objects Harmise	Lug Lithology Atternion No (m) pm 35 36 36 Hack HALE By dis. arth 1911. arth 2011. arth 2011. art	Lue Lithology Alternation No. (m) ppm 96 96 98 98 Hick Hills But. - cetting cyle 1 the first setue (GBBBBO el-debenite vendet - cetting cyle 1 the provided BBBBO el-debenite vendet - cetting cyle 1 - cyle 2 - cyle 1 - cyle 2 - cyle	Log Lithology Alteration No. (m) pan 95 25 86 86 Huk HRLE With SH. a Ching C (42) built SH. built SH. buil

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Direction : Longitude : (true north)

Inclination : — Elevation :

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Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Со %	Zn %		
200m	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	altered breccias sil-r. s. dol-r. bres.	str. dolonitized a micaceous									
.4 205m	4 4 4 4	gry. mass.r. sil.aet r.	sil dol - mica sericite diss.									
	XX XX		limo,-dol-mica, vuggy veinlets (network)									
-	\sim	sil/dol-alt.r. massive	Bio, diss, spotted limo-dol-veinlet									
210m	家に	dk.gm.alt. GAB	str. Blo. diss. patch ~filling fractines							:		
-			14				÷					
215 <u>m</u>		breccinted GAB,	dol Veinlets str. Bio. diss.									
-	4 4 4 4	prown weathered stongly altered breccias										
220 <u>m</u>		str. weathered	The silicified dolomitized - limo Hica (Bio.) diss. limo, diss.		:						1	
: 	4 4 4 4 4 4											
225 m		91y - frown, woop, v.hd. sdy?- sil-ddomitic r.										
. <u>8</u> 		pale grn. mass. AGL with white dot with dol-ss.thin layer	A line del summer al t	· .								
. 230m		←25° þ.										
		with silveous layers whi. sil-SS. with irreg. arg-layers mass.	str. silcified - limo, diss									
235 <u>m</u>		QTT S & with dal-										
-		brecciated layers = 15° b. dk. gry. sil- SHALE v. comp. hd.	str. silicified.									
		c-20:b. lamina. • 60° with dol-sdy-layer conv. lamina. whi. mass. sil-DM.									. *	
		v.sil-bloached SHALE -35° Soly-lamina			- 							
245m	XX ~~	fractured conv. lamina.										
-	11.11	1111 NOI 33.10444	mot silicified. str.sil, - Mica, diss.		· 1		<u>е</u> .					
1		9 Y, Mass, SI-DN/dol-ABL +45 shuared fr. Oztic r.										
250m	\times	whi, weathered clayey sili-alticul r.	olol-fime, veinhete, mich diss.		·····	<u> </u>					مەنبى سەرىس	

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Drill hole No. : MJZC – \gtrsim Latitude :

Direction : Longitude : (true north)

Inclination : --Elevation :

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	 	· · · · · · · · · · · · · · · · · · ·										(6)
Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp. No.	Depth (m)	Au ppm	T.Ċu %	S.Cu %	Co %	Zn %		140/12 cp
250m		whi. sil. aftered r.	sil mica - clayey attenation							****		
ىتى 1	4 4	-10% brownish yel-grn. stamica-dol-AGL	oxidized.			· ·						
· .†	77	whi. cas. crystalline	limo, diss.									
-	11	massive DM.		}								
_ 255տ	77					. ·						
200 m	77		Q2- Py, small druse							1		
-	17	w.	az- ry, small unise			. .						
-	17	ч х .		1		1						
+	11	4 - 1 - 1	Sericite - Py. in fractures									
.7	4. 4.	10 yel-gin mica-AGL	Bio, diss. film in AGL									
260 <u>m</u>		parting (10 cm)	Oxidized, limo, diss.		· ·							1
	[brownish gry Q27, c micaceous \$5.	str. silicification, Bio.str. diss,					. •			·	
		dolomitic sericitic	1								:	
-			a bar durbar		•							
-			oxidized silicified.							•		
265m			weathering, lino, diss,									
	[:.::	de ary weathered					. ·					
	[dk. gry. weathered fine sts.										
-		15 ang layers					·				1.1	
-		dkgrn. ngry. 53.	4 1. 0.									
- 270m		with gin ang layer	partly silicified.				1 · ·					
410 <u>m</u>										· ·	· ·	
:		altered t.	str. silicified -limo.							ł.		
-		grnish, ang-SS, sil-DH. parting (30cm)										
	7.7	+ 15-20 grn. ang-layers										
.9	in the second	an whin sil- DM				1.	· .					
275 <u>m</u> 9	·	gin ang byen in DH -sil-35.	oxidised, weathered. limo, diss,			·						
						1					· ·	
· <u>-</u>		gin. sdy-AGL	dil to the line in could					· ·				
	<u> </u>	massive	dolomite crystal & lino, in small cavity of AGL.									
.8						:						
280m	11	whi. sil- DM. comp. hd. mass.					:					
		ginish. dol-AGL					·					
-		mass.							5.1			
-	<u> </u>							1	1			
.8	74	while sil- #M.	lino, diss.				ľ				1.	
285m	17	mass.	(170, 015).								1	
2004	77	-	· · · ·								1	
-	77		small druse of dol. with limo.	1			1					
.,		pale grn. soapy clayuy							÷ .			
.8	±7,7	AGL	micaceous, py. w. diss, in Alt.	1		l.						
-	77	prownish weathered sil-DH.	limo, diss, in small cavity of DM.									
290 <u>m</u>	,[+Brkgrn. silty AGL	in a final and g of the									
					1				. :.			
ند. -	Z	Zwhi,~brown ÐM. v stylolite	small dol-druse			1		1.				
		wistylolia with ang-layer in Dir yel-gm-whi. mica-dol-soly AGL			1	1			1	1.1	. .	. C
	<u> </u>	- mica-dof-sdy AGL							1.1			
295m		HAD WICCL - MUMININ			· ·			·	1			
		whi-gry, sil-DM. grn.dol-AGL	small druse									
	27	gry-whi mass. DH.						- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			1	
	<u><u></u> <u></u></u>	, ' '			· · ·							
1 .*	岸兰	-10% mica-ang-layer								1.1		
300m	拦	Ang-DH				1.1						

Direction : Longitude : (true north)

Inclination : - • Elevation :

Depth	Core		Mineralization /	Samp.	Depth	Au	T.Cu	S.Cu	Co	Zn		(7
(m)	Log.	Lithology	Mineralization / Alteration	No.	(m)	ли ppm	%	%	%	2n %		
300m ₈		ang- PM. yel-gin. micg-AGL sop PH parting mass. silty AGL	Mica in cavity of AGL									
305m		grn. soly-AGL		: :								
-		sil- DM. +s"b. mica-AGL.	talcose									
		*-60" v. mica - dol-soly-AGL *-10"			-						-	
310m		-10b pale grn. sdy-AGL sdy. grn. AGL	dof. veinlet									
<u>ب</u> ر. -		whi.mass. spotted DH.	oxi. limo. diss.							· .		
315 <u>m</u>	-//: -// 7/	whi mass. crystalline \$14,										
-	1 1 1-71	sericitie	\mathbf{V} ,									
- 320 m			oxi. limo. diss.									
.5	10-1 10-1 1-1		Strall druses									
325m ⁵		grn. sdy-AGL.	dol films with cavity		• •	-						
		-5'h sericite grn. arg-byer (poor)										
		t-s'dk, giy ang layon (poor)										
		grn. wass. Abri, soly. cos. Oz. grain (gritty)			-							
.9 -2 	z,. X_√	gry. sdy-DH. parting grn. mass. silty AGL	Pr. diss in P.M. & AGL along balding plan Gyp, - (Anhyd) vainfets ~ (patch)		· · ·							
335 <u>m</u>	Ύγ	yel-grn micaceous						· .				
4		whi.mass.gyp-DH.	Gyp. layers npatch rich.									
340m		grnish gry. dol-AGL	Gyp. layers a patch rich. py.w. diss. portly.									
		ss. parting (20cm)	Gyp. veinlets									
335 <u>m</u>		yel-grn. mica-AGL,	GypAnbyd, veinletn spot.									
-		e-slat whi.dol-sdy-layers grn.thinly laminated e-flat mica-AcrL.	fine pr (cp?) w. diss.						I		8	
350m			Anhyd. spot rich									

Drill hole No. : MJZC- \gtrsim Latitude :

Direction : Longitude : (true north)

Inclination : --Elevation : • • •

(8):

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp No	Depth (m)	- Au ppm	T.Cu '%	S.Cu %	Со %	Zn %		
350m		AGL							:	[
-		e-flat, water escape str.	Anhyd. patch									
.6	- <u>_</u>						·					
	77	whi-gey. mass. ang-pH. with tremolite?										
355m	$\frac{1}{7}$		Anhyd. rich									
-		a-flat lamina	oxidized By diss along b-p. in DM.					1	2			
.9		-5°	& AGL									
· -		pale grn. soapy Alth	talcose? Anhyd. patch ~ vemlet									
- - -		1.1	1 mg a pacer to variou									
360m		trans - AM mars	<i>+ 1 1</i>									
- ځ	÷	trano – PM. mass. gm.talcose AGL mass.	str. Anhyd.				1					
-	17	anhyd-arg-DM mass. sericite - tremolite rich							19 ¹ 2 -			
-	$\frac{I}{L}$									· .		
	77	spotted DM.		ļ					-			
	77		Anhyd. patch weinlet				1			.		
, s	77	grn. Mass. AGL				1						
	$\frac{7}{7}$	arg-DH. mass,							·			
-	77	with tremolite				· ·					1 .	
370m	7.7.										1. 1. A.	
	<u> </u>	flat. gm.silty AGL. with dol-spot-lens		·								
-		with dol-spotniens	Ankyd. large spot.	· ·								- ·
			Py large crystal diss, in talcose par	e l		1.				· ·		[·
-		-s' micaceous laming.	With a subject days in the subject of									
375 <u>m</u>							1 : -					
-	12	oflat. dollens.										
-	171	servicitie DM. parting	Py. w. diss.				•			1.5		
<u>-</u> .		pillar str. in mica-AGL. sdy-DM. parting							. •	· ·		
- 380m								н. н. С				·
		1	Anhyd, patch rlens, irregular				· ·					
-	$\frac{1}{2}$	mica-do/-AGL str. tremolite	Py. w. diss.						1.1			
.1	7.7	arg-DM.										· ·
		the yel-grn. mica-sity AGL. -10%	Anhyd. patch lens rich.									
385 <u>m</u>		←10'k	Thinks prover lens tion				1	•		1. A.		
-		sdy-AGL										
.*		dk.yel, str. Hica (Bio)	Py. W. diss. Anhyd (gyp) veinlet ~ large spot									
-	27	sdy. BH gradual str. sericitic - anhyd.	~ large spot									
200		str. sericitic-anhyd. with trenolite										l a
390 <u>m</u>							1 ·			. ·		
-		dk. yel, mica-sdy-AGL										
-	11	whi. arhyd-DM mass tremolite rich	Anhyd. large spot				1				1.1	
7. 2.	一	grn.mica-Atthe parting	Gyp. layer - Anhyd, spot					[
- 395m,	$\frac{7}{2}$											
- -		dk. yel, mica-AGt. with this dol-less.	Anhyd. (gyp) lens, py. w. diss.								1	
-		HILL	1 1 all all a light with the		- · · · ·			1	- · ·			
		pH. partings (20cm)			ļ			1	1.00			
 -		• -	taleose,					·	:		÷.	
400m		e-5'}		L			<u> </u>	<u> </u>	Ĺ	1		

- 10 -

Direction : Longitude : (true north)

Inclination : -Elevation :

						#1==== #= ¥*	Annes - 2	******				(9)
Depth (m)	Core Log.	l lithology	Mineralization / Alteration	Samp No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %		
400m		whi, gry, ang-seri- PM.		1	· · ·							
		Arnish gry, soly-AGL.	Antryd, irreg. patch ~lens	· ·								
	<u> </u>	- flor										
	- <u></u>	dk yel micacous										
405m	un ing	ar, yet micaedus talcose grnish whi, sdy-anhyst-DH. talcose					:					
			Arrhyd, irreg, lens									
	 	as with soly lens									ан. 14	
	$\frac{1}{7}$	whil-grnish. while mass, mica anhyd - DH.		· ·								
	T_{T}	Anica - Minyo- Bri,										
410m	777	the yell mile Add parting DH with translike (10 cm)							•			
.9	T_{I}^{I}	anhyd-dol. interbedded thirty										
		grn. silly AGL. mass,	Anhyd. irreg, lens									
		~9 ¹ 7.										
3	17-71	talcose whi-grn. mass, tramolite rich anhyd-DH.	Top of DH includes talcose clayer part.									
415m		tramolite rich anhyd-BH.									а. ^н	
1 1	<u> </u>	dk.yel.mica-ABL parting		ļ								
	171	whi spotted DM.	Gyp. Jans.				•					
	<u></u>	grnish gry. soly-AB1										ĺ
		ginish gry. soly-AGL +flat lamina broken. by water escape str.	Anhyd. Irrey.spot									
420m		massive.										
		- s*b							<u>'</u> .			
		takase										
	<u> </u>											
.5	7,7	whitten.rich anhyd-DH										
425m ⁴	777	(flat										
		gry. silty-say-AGL.	Anhyd, large irregilens.									
	<u> </u>	sdy-AGL mass. SS > AGR interbedded thin	ka da sa									
		pillar structure	, , , , , , , , , , , , , , , , , , ,									
430m ₈			Anhyd. irreg. leasn spot.									
	171	Whi. anhyd-(gyp.)-DH with tremolite				ĺ	}				· . ·	
	<u>[</u>]-	with dk.yel.mica-layer			1. 1.	. [. (
		genish gry, silty AGL. mass.	Anlyd. loss ~ patch									
435 <u>m</u>							ŀ					
_		+10 laminated							·			
	1-1-	whi. anhyd-DH, comp. mass with irreg. mica-layer									•	
		grnish gry. silty AGL										
4	·	1				.]						
440 <u>m</u>				.				.]				·
-[+10 lamina	Anhyd, lens.	·								
-]											
	7=7	irreg boundary amish whi. ang. DM. mass.						1.				
145	$I = \frac{1}{7}$	ginish with, ang prive wass.	Anhyd, lens.									.
445 <u>m</u>)		grnish gry. sitty AGL						·	:			
		YAAIS.					. [. 1
-		with say thin lens									· .	
												.
450m	IV:		and a second second Second second			· · •	· 1					
	<u> </u>			l							·	

- 11 -

Direction : Longitude (true north)

Inclination 1 ---Elevation ٠.

												(0)
Depth (111)	Core Log.	Lithology	Mineralization / Alteration	Samp. No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co. %	Zn %		
450m	-7.1 	grnish gry, mass. silty~ soly. Alirk. +15° solx lens	Anhyd. Irreg. lensn patch									
	777 777 7777 7777 7777	-15° sdy fens while archyd-PH. mass, +15° h. Jaminated +20° 10° y dlygrn-gry, Sdy-AGh.	bownish, oxidized @z-(Aubyd.) vem									
455m		Akgra-gry, Sdy-Alah. ang-SS. ponting graish.gry sdy-Alah. massive	Antyd. Lens.	-				· · ·				
-		e-s.). ang-lamina										
460m		-201, ang-lamina										
			Anhyd. Irreg. patch									
.5		whi-trouvish az7.										
465m		-20'h sdy-AGL	Ankyd. patch @2-Anhyd vein (20cm)									
		≪- 5ν	@z veinket (8cm)		· · · ·							
470m		←25 ^{i}} whi.@27 with Bia with soly.lens										
	/ ////////////////////////////////////	~20-35 v. ~28° t sdy, fens.	Qz (Byp) vem (10 cm)		- - -							
475mi		very sandy dk.gm. silly ~sdy. AGL	Anhyd, irreg. arounded large spot								-	
		dk. gry. comp. v. hd. shaly AGL. mass.	small Annyd spot									
		with Oz.grit revi sdy-layer										
480m		silly-sdy.part interbedded	Anhyd, lange spot, v. crystalline									
		< → → → → → → → → → → → → →	Anhyd: vernet Q2. vern (20 cm)									
485 g												
		4-23'b 	Q2-Anhyd, veinlet (3cm)								E	
	i film	K-155 roly.lens rich	Q2 Vem (F/1) mundary sharp)									
490 <u>n</u>												
		ger-2012 whi.@27. parting ginish giy. sody-AGL	и) —									
495 n		A vhi Q2T.	sdy intrusion cut ang-laming, Q2 veinlet (2 cm)									
		5 Q27 parting amina broken =4-25%	are bender (raily .									
500		Econv. Lamina.	Anhyd. Lens.				· · ·					

- 12 -

Drill hole No. : MJZC-2Direction :(true north)Inclination : -- *Latitude :Longitude :Elevation :

	La	atitude :	Longitude :			Eleva	tion	:				
										*		(ÌI)
in in		r		ie anni	David.	1 A.	T.Cu	S.Cu	Co	7		-
Depth		Lithology	Mineralization /	Samp.	Depth	Au			Co	Zn		
(m)	Log.	1	Alteration	No.	, (m)	ppm	%	%	%	%		
500m	na	convi lamina	B2. Ven (10cm)				1					
-		ess'h soly-lens						<u> </u>				
-												
-	1.200 	dh.grn. sdy-AGL				}					· ·	
		:									·	• •
505m	1	4-25L	· · ·									
-		convitamina.										
1 2	<u>DR JA</u>	QZT. whi.	· · · · · ·					1				
4		QZT. whi. arg-layers							1			
.2											. :	
-		the second		1								
-		dk, grn. mass. gritty Abri.										
510m		ging run.	•	1					· ·			
· .	<u> </u>					1						
-					ļ							
-	T.E	<−30°b.	fine Anhyd. diss. in AGL. dol-mica veinlets (Icm)				j					
· .	Æ		dol-mica veinlets (1cm)				1					
.2	177	whilmass. anhyd. DM.								}		
515m	77	¥-35*		1				1			ľ l	
1	<u> </u>	sk. grn.mass. soly.AGL with irreg. sdy.pent.		· ·								ŀ
- 1	<u>–</u> z	with irreg. sdy. pent.			1	1.		ļ.				
1		4 //]	1				· ·		
		4-30					1			I		
· ·	<u>7</u>	whi-giy, mica- DM.								ļ		
-	77	"Charty DH"	Aubul the sort I put									
520m	L_7	"Charty DH" whi-colorless DM.	Anhyd. diss.~ spot in PM.								1	
1	7,7	mass,			:					·		
	77					ţ	· ·			1		
- 1	-											
_	<i>, T</i> ,				1	1						
	22	-55-25 gin AGL parting	g (20cm)			1		1	{			
525m		- K 34 -	1			1		. I.	1.1			
02011	÷÷	dkigin, mica-sdy-AGL	Cp-Ry. w- diss.								1	Í
		V. soly - micer - AGEL									1	
	7	15.						.		1		
} -	77	whi. mass. D.M.		1								
	1,1-	4		1						ľ		
1	Ĺ,Ľ,									1		
530m	4	• • • 50° v .	Bz-Hica veinlet (1 cm)					1		ľ		
1	μ_{I}	• .								· ·		
	177	7 . · ·		ļ								
· -	177	1		-								
	h^{-}	-	· · ·	l		1			1	- ·		
1.	74]				1 · .					- ·	1
535m	ĽŹ,	1 .					1			. .	1	1
	t'r'	-									1	
-	77	str.micaceous, ang-PM, ist.mica-layer convoluted		1		· I	1	1.	1			
l '	$\mathbf{H}_{\mathbf{T}}$	convoluted	1			1			1			
	Z-7	4				1	1		[
	1212	-25 mica - ang -layers		1				1			<u> </u>	
·	979	irreg, sil-spot contained	4	1		1.				:		1
540m	1-7-		ran 80 MILLA			· [
1	177		539.80~544,10		1			- ·	1			
1 .	μ. γ	-]	v. fine Cp diss. in DM. Anhyd.spot.	1					1		1	1
· •	1_1	1								1	1	
	1747	4						1	1		1	
· .	FZ-		A sub- A sub-	ľ					-			I
545m	010	sil-spot		1			ŀ	1	[·		1	
1 7	177	mica-layor	Anhyd. spot.		1	1		1.			· ·	.
1	17	7	100.	1	1						. ·	L .
	1/1	1					l' ·		1.			1
1	17 T	4			1	1	ľ	1	1.			
1	7					1 .	1	1	1		1	· ·
ECO	1-1-	ana-bu	fine Py. w. diss.		1				1	1		
550m	<u>+/7</u>	ang-DH.	······································		L	-l	J	.l		1		l
			- 13 -									
					· · · ·							

Drill hole No. : MJZC-2

Lithology

Latitude :

Depth

(m)

600m

with dkigry ang-layers

Core

Log.

Direction : Longitude :

Mineralization / Alteration

(true north)

Depth

(m)

Sanıp.

No.

Inclination : -Elevation :

T.Cu

%

S.Cu

%

Co

%

Zn

%

Au

ppm

(m)	Log.	Dimology	Alteration	No,	(m)	ppm	%	%	%	%			i
550m/	272	erse arg. DH.	1 1 2										l
-	177	+ 3. db. yel-gry mica-AGL	aminated								1 A.		
-	111	DM with mice layer									· .		
.6		e dkiyel-gry.mica-AGL											ĺ
] -		ary. QZT. comp. hd.											l
		+ 30 - ang-layous				· ·							ł
555 m					-								
	i fi	Anthyd spotted DM.	·										l
,,		ain AGL AZT: 55	:			1							l
1		gin AGL-QZTic SS interbedded thinly					1	<u> </u> .			i		l
	7,7	while saly - DM.	and states										l
٤	<u> </u>	whit sdy-DM. with mice layer gm. erg. layer dominant	party silicified.			1							
560 m	777	-25" DH.	partly silicified. Anhyd. lens.										ł
	<u> </u>	dol-AGA. gm. sdy.	/-0.43].	1								
1 3	王王	+ 15 nica - mg - layer											l
1 :	44	DM-AGA. Interbodded. DM-AGA. Interbodded.											
		to to am on biens			· ·				1				l
		gry. dol- 02.T.						а. ¹	Ì				ļ
565m		erest ang-byens											l
	7-7-7	DH parting	· · · · · · · · · · · · · · · · · · ·										l
	1ZZ	H. 6 DM with grang laga					·						ł
.	-	+ 45 gin and gritty \$5 parting	(30 cm) py. w. diss. Pol. veinlet (2 cm) cut conv. lamina of ASL.	1		1			. ·				
		whimica DH.	Pol. veinlet (2cm) cut conv. lamina of AGL.					· · ·		l .			
	77	+ 30 v. dk. grn. conv. lamina + 30 h soly AGL parting (30c	· · · · · · · · · · · · · · · · · · ·										1
570m]		1 1 1			1 :			· ·			1
-	22					ł	1	· ·			10.0		ł
· ·	77	whil-gry mica-DM. e-30b gin. ang-loyer	·	1						· ·			I
-	777	grn. arg-layor								1			ł
	171									i i			Į
	77	dh. gry ang - @27, E SS. pm							· ·		[Į
575m	<u><u></u></u>	+ 30 gin. sdy-sil dol-AGL	Anhyd, thin lens.										I
~	\$19	With sit spot	Timya, with tens.		Į					1.1.1.1			1
-		giy.QZT ang-pris.				1		1	1		· ·		ĺ
		ginish giv. soly-AGL		1					1			ł	
	77	+25 whi mica - DH.				· · ·			ł				I
		20' QZT. grn silty AGL	irreg. B2 veinlet.		ļ					· .			I
C00-	77	Juhi mica - DH.					1						
580 m	2 7 7	dk ary sil fine ss.											1
		+15 pH- SS-AGL thinly	interbedded (0.5 cm ordor)										
		-i					· ·			·			
1 .		cos. g. thy Oz.T.	and a stress		· ·					· ·	1		
- E - E		grn. f.say-AGL. v.ha. =	- V. Sil, UZT, parings.		1				· · .				
1		whi mass: DM. 20 pate grin f. sdy-AGL 20 pate grin f. sdy-AGL 20 pate grin hd. ony 20 pate f. Sdy-AGL 9 pate f. sdy-AGL 20 pate f. Sdy logins - 20 pate f. Sdy logins -	silicified.										
585 <u>m</u>	$-\frac{1}{2}$	ang is grinhal my											
	7	T gra. f. say-AG-L									· ·		1
.	1-7-7	425 ang-sdy layons-	- thinly interbedded										
	77	whi. v. sil- DM. v. hd.	str. silicified					1			1		
ļ.	1	pinhish - brownish-gry			i	1.					. .		
	-1.5	V. hd. corp. QarT.											
590m		" Upper QZT "								1.1			
			· · ·			1						1	
		te 20' grn. ang-layer	· · ·			· •		i i		1	1	1	
			with iron stain layors									:	
1 ·	- 😳	- 20 micaceous loyers	V						1 ·				
	-	in the second for the second							1	1 · · ·			
595 m		1				1					1		
1.						1 .					Ľ		
									1. T.	1	1		
1		20 dk.gry ang layar	Gyp. vainfet				· ·	. ·		1 × 1 ×	1		
_			The second secon		1 · .			1.	1			1.1	

(12)

Direction : Longitude : (true north)

Inclination :-----• Elevation :

, 		· · · · ·										(/3)
Depth	Core	Lithology	Mineralization /	Samp.	Depth	Λιι	T.Cu	S.Cu	Co	Zn		·
(m)	Log.		Alteration	No.	(m)	ppm	%	%	%	%		
600m		pinkish giy. QZT.										
		-20° ang. layer rich.		· .								
		lkgry obl-AGL										
[. <u>.</u>	171	sil- DM. with Bio.	Anhyd, dits						}		Ì.	
		1-20' ang-layer (20cm)										
605m	17.77	sdy-Act.	Anhyd, small patch ~leris.									
		grnish, v. soly (AGA)			· ·							
۱. I	· · · · · ·											
		 						1				
		ang-layers	· · · · ·			1 ·						
<u>.</u>		whi. DM,		{								
610 <u>m</u>		1-30 lamina			n de la composition de		Ì	:				
.6	777	whi DM. micaceous						1 L				
- J		1-25° Bio, diss loyer										
1 1 ¹ 1		grn. edy-AGL DM. parting (10 cm)						· ·				
		BM parting (20cm)	Anhyd, lens. (pour)	1					1	·	1	
615m ³										l .		
1		gry. comp. hd. QZT		1								
- i		IL gry. "HW QZT" ang - Q2T.										
-												
-		whi. V. sil. QZT.										
				·								
620 m												
		e-15 ang - Inyons										· .
-		arg-Q27, cmp. v. hd.										
				:			:	1.				
	<u></u>	at using her in el							1	1.		
.5		20° vicomo hd. w. sil. dk. grv. soly AGL, 20° Kinhy laminated (Imm order)						:		·		
625 <u>m</u> z		(Immorder)	Dol Bio vainhet				1	<u> </u>	<u> </u>	t	<u>- 1</u>	<u> </u>
		\$ 20° org-layer	and the second			Sample No.	Depth	- T-C	AS-CU	T-Co	AS-Co MI	Za
7		whi, any - QZT.	Anhyd, lens ~ diss.					(a)	x x	×x	X pç	
.2		5 T 9				EC 15160	638. 29-63		01 (0.01	0.01	(0.01 50	
· -		@27 with grn. ang layer				TC 15161	638. 62-63			0.02	(0.01 42	17
1	<u></u>	19m AGK-BZT inter beddes arg-BZT thinly			/	IC 15162	639. 12-63	9. 62 <0.	01 <0.01	0.09	<0.01 44	. 8
630m			1			IC 15163	639. 62-6	10, 12 <0.	01 <0.01	0,04	(0.01 48	18
		gritty B2T. sil-DM. with conv. lamina		1		IC 15164	640, 12-5	10. 62 <0.	01 <0, 01	0.03	<0.01 47	9
ľ "		1				IC 15165	640. 62-6	11. 12 <0.	01 <0.01	0.02	<0,01 59	12
		arg-027.	str. Anhyd.			IC 15166	641. 12-64	1. 62 < 0,	01 <0.01	0, 03	<0.01 52	11
	······	-12° ang-layers		1	- /	IC 15167	641. 62-6	12. 12 0.	01 <0.01	0.03	<0.01 44	9
- 635m		ang loyens broken by ang loyens broken by cos. gritty @27.		1	/.	IC 15168	612. 12-6	12. 62 <0.	01 <0.01	0.02	<0.01 45	
000m		cos. gritty @27.	str. Anhyd, dissalens.		/	IC 15169	642, 62-5			1	<0.01 48	
1				1	/-	IC 15170	643. 12-6			0.02	<0.01 42	
.8	COLONN ROOMEN	+20 Sham the soly Alak	- Anhyd, spotled (1-2 cm), py. w.diss. many bh.org-layons	1	/	SC 15171	643, 62-6		 		<0.01 47	
	377.A	+20 dk. gry mg - QZT. with	many bk. org-layors	ļ	Y	IC 15172	844. 12-64			0,04	<0.01 45	
,2		to gradually and layer rich				IC 15173	644. 62-64			0.03	(0.01 45	
640m		sdy-AGL thinly laninated		1		IC 15174	645, 12-64			0.04	(0.01 45	
		(-25°b, (Smm order)	and the second	1		IC 15175	645. 62-64		05 <0.01	0,06	<0.01 39 <0.01 48	
		dol-soly-AGL v.comp. hd		1		IC 15176	645, 12-6- 645, 62-6-		02 (0.01	+	(0.01 40	
	· · · · · · · · · · · · · · · · · · ·	sil-dol-lamina -20° climm order)		1		IC 15177	647. 12-5		07 <0.01	0.05	<0.01 39	
	童童	1-20 (Immorder)		£ .	· ·	<u> </u>	647, 62-6		29 <0.01	0.02	<0.01 42	
.9			642.9~ dol-spot (1cm +) with py. Tim	1		1 10 15139						1 **
.9		← 20				IC 15179			_ <u></u>	╉───╋		18
9 645m		← 20	642,9~ dol-spot (Icns)with px,rim 644.3~ py-po-ccp» laminated			C 15180	648, 12-6	18. 62 0.	47 <0.01	0.05	<0.01 41	
1.1.2.2 ⁷ 1.1.1.2.4		-zo* diol. spotted				IC 15180	648, 12-6 648, 62-6	18. 62 0. 19. 12 0.	47 <0.01 14 <0.01	0.05 0.01	<0.01 41 <0.01 32	18
1.1.2.2 ⁷ 1.1.1.2.4		-zo* diol. spotted	644.3 ~ Ру-Ро-ССР» laminated			IC 15180 IC 15181 IC 15182	648, 12-6 648, 62-6 649, 12-8	18.62 0. 19.12 0. 19.62 0.	47 <0.01 14 <0.01 45 <0.01	0.05 0.01 0.02	<0.01 41 <0.01 32	18 33
1.1.2.2 ⁷ 1.1.1.2.4		← 20	6443~ Ру-Ро-ССР» laminated 646.5~ Ро-Ру>Ср			IC 15180	648, 12-6 648, 62-6	18.62 0. 19.12 0. 19.62 0.	47 <0.01 14 <0.01 45 <0.01	0.05 0.01 0.02	<0.01 41 <0.01 32 <0.01 43	18 33
1.1.2.2 ⁷ 1.1.1.2.4		+20 dol. spotled conv.lamina of dolomite 1-15 lamina	6443~ Ру-Ро-ССР» laminated 646.5~ Ро-Ру>Ср Ср-Ро, diss along b-р.			IC 15180 IC 15181 IC 15182	648, 12-6 648, 62-6 649, 12-8	18.62 0. 19.12 0. 19.62 0.	47 <0.01 14 <0.01 45 <0.01	0.05 0.01 0.02	<0.01 41 <0.01 32 <0.01 43	18 33
<i></i> 		-zo* diol. spotted	6443~ Ру-Ро-ССР» laminated 646.5~ Ро-Ру>Ср			IC 15180 IC 15181 IC 15182	648, 12-6 648, 62-6 649, 12-8	18.62 0. 19.12 0. 19.62 0.	47 <0.01 14 <0.01 45 <0.01	0.05 0.01 0.02	<0.01 41 <0.01 32 <0.01 43	18 33

- 15 -

Direction : Longitude : (true north)

Inclination : --Elevation : .

			······································							2			(14)
Depth	Core	Lithology	Mineralization / Alteration	Samp	Depth	Au	T.Cu	S.Cu	Co %	Zn			
(m) 650m	Log.			No.	(m)	ppm	%	%	70	98	<u> </u>		
0.000		dk. grn. sdy-Att. +15% v.comp. Ind	Cp-Po, str. diss along b-p. ~ Spotled 651.50~ Cp longe blebs lons dominant										
-	素态	dol-lens-concretion with \$30, goodual		1		Sample No.	Depth	(a) T-O	a 12∼Ca X X	T-Co X	AS-Co	#1	20
	Sex.	Jk, silly AGh.	irreg, Q2 (dol) Cp - Pa veinlet.			EC 15184	650. 07-65	<u> </u>	÷	0.02	<0.01	90# 38	₽5.* 22
	o~~`	ineg, crystalline large dol-				AC 15185	650.57-65			0.03	(0.01	38	23
655m	极	dh.gry, ang-DH. convinien layer crystalline dol-concretion	Co-Po ineg. bleb ~lens : parallel to b.p.			IC 15186	651.07-65	1.57 0.	64 0.01	0.02	<0.01	31	31
	ala	orystalline dol-concretion	With Cp-Po in ang-DH.			KC 15137	651. 57-65	2.07 0.	65 <0.01	0.03	<0. 01	38	97
		cist dk. gry. dol-AGL.	Gp-Po patch nlens.			IC 15188	652.07-65			0.05	<0.01	52	115
-		- 15's ang-DM	Co-po diss. Co-py diss, along b-p. Aninyd. lens in bottom of D.H.			KC 15189	652.65-65			0.07	<0.01	45	139
6, -	4.0.0.	CGL Biorich.	Annyd. lens in bottom of DH.			IC 15190 IC 15191	652, 83-65 653, 33-65		_ <u></u>	0.05	<0.01 <0.01	45 28	139 115
-660m	0.00	Pebble: chert. bk sty-r. » altered granite	silicified. Anhyd. in matrix			TC 15192	653. 83-65			0. 12	<0.01	70	335
.7	o.° 0 · 0	Bio. rich in top of OZT.				IC 15193	654, 33-65	4.83 0.	73 <0.01	0.04	<0.01	37	45
-		te 201 ang-62T.	Anhyd. rich			IC 15194	654.83-85	5, 33 1.	02 (0. 01	0.05	<0, QL	33 .	56
-					\land	KC 15195	655, 33-655		13 <0.03		<0.01	40	149
		micaceous GZT mica layers				IC 15196 IC 15197	655.83-655 655.97-656		00 <0.01 83 <0.01	0.09	<0.01	31 35	51 55
665 <u>m</u>						IC 15197	656, 47-656	[83 <0.01 03 <0.01		(0.01	50 50	51
		Sh.gry cosmedi. Q27. Bio.rich				IC 15199	656.97-651		17 <0.01		<0.01	33	39
		with ang-lowers				IC 15200	657. 25-657	. 15 0.	37 <0.01	9.03	<0.01	32	30
-	NYN (J.S. SMARLEN					IC 19784	657.75-658	25 0.	07 <0, 01	0.04	<0.01	22	24
-		+15 dk. gry. arg-layer rich. pinkish @27.			· \ · ·	IC 19785	658, 25-658		45 <0.01	0.03	<0.01	23	28
670m		+15" iton-stain layers pink @27 with Bio.				EC 19786	658, 43-658 658, 51-659		21 <0.01	+	<0.01	30 27	21 12
						EC 19788	659.01-659				<0.01	28	13
	ñ ^c h	15 dh. gry erg-layers				IC 19789	559. 51 - 6 50			- training	<0.01	23	13
	<u> </u>	-25 dk gry arg-layers				IC 19790	660. 01-660	0. 51 0.	01 <0.01	< 0. 01	<0. 01	23	11
		dh giy arg OIZT.			[`\	IC 19791	660. 51-661		<u> </u>	منسب	<0.01	26	22
. 675m						IC 19792	661.01-651				<0.01 <0.01	30 18	20 18
-		-25. Ang-layors				IC 19793	661, 51-661 	l. 97 (0.	1			<u> </u> "	10
ť.	0.0.0	gry sil-altered he CGL			1			- -					
_	0.00		Anhyd. patch			ł							
	0.0			İ						·			
680m	0.0	pably OZT partly					1					1.5	
	0.0								1 ·			:	
	0.0	with gneiss peoble										· · .	
	0.00	1		ļ									
-	0.00	rounded chert pebble > granite, 027, pubble	all silicified pebbles								1.4		
ີ 685m	0.00	high chiefled F.O.L. 2											
		pink silicified Feldspan? rich,		1	1		1.					•	
-	0.00	•						1.1					
	0,00	> •											
	0.0	2											
690m		5	A J. P. I. P.						1.1		·:[5. I	1
	0.00		v. str. silicified, v. hd,		1			· '			•		
	0.0.0)									2	. 1	
	60.0	a)	Biotized pebble rich	1.	Ì		T.	1		1 1			
	0.0	2	Oxidized public rich									- · ·	
695m	0.0			· .		- 1 -					2 -	•	
	0.00				· ·				1.				
•	- 0. 0 P.O. 0					- 1 -	1. 1		1			[
	0.00		Anhys. patch								· · .	·	•
		pebbly QZT with	str. Blo.									, i	
700 m		pale grn. clayery pebble		. :					1.				4 11.
1 (1(1))		·		- I		!					سالي	أسبب	

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Direction : Longitude : (true north)

Inclination 🔡 🛶 Elevation :

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epth		Lithology	Mineralization / Alteration	Samp.	Depth	Au	T.Cu	S.Cu	Co	Zn		(/.
(m)	Log.		Alteration	No.	(m)	ppm	%	%	%	96		
700m -		10° arg-layur 1-55°x pebbly RZT.	Anhyd. veinket.				-					
705 m		CGL. pabble & 1.5cm with alticul gneiss peb. pinkish gry. Q27;	whilish clayey attend peobles v. str. silicified.									
-		whitish actored Q27. v.hd.	iron-stam/njers									
710m_		•									:	
-			iron-stain layers									
715 <u>m</u>		with Bio.										
-		x-15-20° iron-stainlayer										
25 <u>m</u>	0000 0000 00000 00000 00000 00000	brown oxi-altered CGL. -2016 Saylayer v.hd. with granite peb.	oxidized.									
	0	pinkish qıy @2T. ←70'r. pebbly QZT	Ayp veinlets (2cm =)									
		granule CGrb.										
1		←10°6 ang-layer CCrL, pebble faltered granite	<u></u>	-								
35 <u>m</u>	0.000 9.100 9.100 9.100	CCTL. pebble faltered granite Biotitized rock QZT pebbly QZT	whitish~pale gm. clayey altered peblks Bio, - Anhyd, str. diss.									
-		pebbly QZT qry~ pinhish gry.										
 40m		pinkish gyy. sil-alt.@27 v.hd.	v. str. silicified.		• •							
1		giylsh white v.hd.Q27	iron-staín w-diss,		* : . *							
45 <u>m</u>				- 			•					
			en an teorra de la composition de la c Composition de la composition de la comp Composition de la composition de la comp						· · ·			
- 50m		4-45'v.	pink Dol. veinlet			1	*					

Direction : Longitude : (true north)

Inclination : -Elevation : •

	Core Log.	Lithology	Mineralization / Alteration	Samp No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %		
50.2	59.0.0v	GET granule CGLs with pale grn. claysy frag.				†		[-
4	5 4 8 4 5 9 9 5	with pale grn. clayup frag.										
		pink QZT V. sil-altand					:					
4		v. comp. mass. hd.								·		
							-					
								:				
- .										: · ·		
-i:	· · · · · ·											ł
-		-15" iron-stain diss lay	ers									
0	÷	gry. Q2T	with brown oxidized Qx grains					·				
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	د مېرورونه و. مېرونو و.											
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		-20" iron-stain layers							1			
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°−[`										1	· .	
4	••••						1. T					
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-	• •				· .							
-												
		whitish gry.						ŀ .	-		[-	
	••••	clean Q2T. with Iron-stam diss.										
-l:		with iton-such diss.	oxidized dot poor									
ŀ						1		i.				1
	• • •								· · .			
									1			
° - [:									· ·			
-1.	69								1		1	
-			with brownish oxidized Oz.spot									
4								· .				
-[white - gry (spotted)			ļ					1.14	· .	[· ·
		clean QZT with iron. stain diss.		1				· · .				
-f.				1		1.	1 ···	1.	· · ·	¹		
8	••••	~_ 50° ∿.	pol. veinlet (Icm)									
	G	pink alt-Graniti boulder				1				· ·		1
-[-	<u></u>	boulder 15-25° iron-stain layers		1						1		. -
o [1		1				[·		
ļ,			Bio, str. diss,				1		1		- 19 de j	
		Pinkish gry. CG4 sil-alt. Amnite pebbles,	subangular, v.silicified						·			
	.00 200	de yol mica - AGL? petbles					1			1 · · ·	1	1.1
]	၀.၀ ၀.၀	de.yol. mica-AGL? pubbles db.gry. Dio-Oz matrix					·			 		
0.0	0.0	pink-whi.silicified cryst	als (Q2, Feld.?) rich.				·			1 2		
ļ	·°(+	inh sil-aut. Granile Dor	lders	ł						1.1.1		
F.	1000	chert angular pebble				1	1.				1	
.2		whi. massive	ł .		· ·		1 .		1 :	1 .	· ·	
-1		altered rock consist of Q2 >> Hica	v. str. silicified.				1	÷	1	1	· · ·	· ·
	t:	consist of Q2>> Hica	1		1	1	1	1	1	1	1	1

Direction : Longitude :

(true north)

Inclination : -- * Elevation :

Depth	Core		Minoralization /	Samp	Depth	Au	T.Cu	S.Cu	Co	7.	T	(/7
(m)	Log.	Lithology	Mineralization / Alteration	No.	Liepth (iii)	ppm	1.Cu %	5.Cu %	%	Zn %		
800	1. A	sil-actived mass. rock qradual change indistinct hollocrystalline recrystallized to Qz. Bio	Qz-Mica recrystallized		·····	1						
-	+	indistinct hollocrystalline					:					
: 	+	white nerv										
•••	+	white agry. altered Granite -35".	Anhyd, veinlet	Ì								
												·
-		+ 30° v.	Anhyd, veinlat				·					
					- -							
	+	fuldspar replaced by Q2.	Bio. partly concentrated									
810-20	+	hollo crystalline tex.										
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Latitude: 12°44'40" 5

Longitude : 28°07'20" E

Inclination $: -90^{\circ}$ Elevation : 12/3.2 m

Doth Ing Core Lithology Minorulization / Some Alteration Some No. Upper (m) For Some Provide for Some Core Some Some Core Some Some Core Some Some Core Some Some Some Core Som		 -	and 12 44 40	S Longitude : 28 07			 					(/)
$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array} \\ \begin{array}{c} \end{array}$ \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array}\\ \end{array} \\ \begin{array}{c} \end{array} } \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} } \end{array} \\ \begin{array}{c} \end{array} } \end{array} \\ \begin{array}{c} \end{array} } \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} } \end{array} \\ \end{array} \\ \end{array} } \begin{array}{c} \end{array} } \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} } \begin{array}{c} \end{array} } \end{array} \\ \end{array} \\ \end{array} \\ \end{array} } \end{array} \\ \end{array} } \end{array} \\			Lithology	Mineralization / Alteration						1		
Sm L L L Star Diversity gray Journal Carue Diversity gray Journal Carue Diversity gray Journal Carue Diversity gray L L L Diversity gray L L L L L<			≪ Cuttings≫						: :	Ţ		
Sin L L L L L L L L L L L L L L	-		rendish brown									
10m L L brownish ging phi cohie gray charge ging ShaLE / AGL 25m 30m 25m 30m 30m 25m 30m 30m 30m 30m 30m 40 51m	5m											
$\frac{1}{30n}$ $\frac{1}$		L										
$ \begin{array}{c} 20 \\ 30 \\ 30 \\ 30 \\ 30 \\ 30 \\ 30 \\ 30 \\ 3$	10m						÷					
$ \begin{array}{c} 20 \\ 30 \\ 30 \\ 30 \\ 30 \\ 30 \\ 30 \\ 30 \\ 3$	-		brownish gray									
$ \begin{array}{c} 25m} \\ 30m \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	15m		clayey SHALE/AGL						-			
$ \begin{array}{c} 25m} \\ 30m \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$												
30m $brown - gray arena ceous SH. coarse a medium 35m 0hre gray clayey HHALE /AGL. prownish gray fine arena ceous alive gray clayey SHALE /AGL. 15m$	20 <u>m</u>					· · ·						
30m $brown - gray arena ceous SH. coarse a medium 35m 0hre gray clayey HHALE /AGL. prownish gray fine arena ceous alive gray clayey SHALE /AGL. 15m$												
Journaccous SH. coarse n medium 35m Olive gray clayey SHALE/AGI. prownish gray fine prenaceorco olive gray clayey SHALE/AGI. Joan Jim	25 m											
Journaccous SH. coarse n medium 35m Olive gray clayey SHALE/AGI. prownish gray fine prenaceorco olive gray clayey SHALE/AGI. Joan Jim												
$ \begin{array}{c} $	30m	-	brown a gray									
Olive gray clayey SHALE/AGL brownish gray fine onenaceous olive gray clayey SHALE/AGL ISM			1									
10m fine prevaceores olive gray clayey SHALE/ACTL 15m	35 m_		ц 					•				
10m fine orenaceous olive gray clayay SHALE/AGIL 15m			olive gray clayey SHALE/AGL									
	-10m		brownish gray fine arenaceous									
			olive gray clayey			·						
	.15m		SHALE/AGL		· .		×.					
									•		· ·	
	50m	-										

- 20 -

Direction : Longitude : (true north)

Inclination : — Elevation :

:				1	1	· · · · · · · · · · · · · · · · · · ·		F	····			(2)
Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp. No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %		
50m		aline an		<u> </u>		+						
-		olive gray clayery										
-		SHALE/AGL										
-												
55m.												
					1 		:					
-		brownish olive gray										
		fine arenaceous SHALE										
60m									· · · .			
		•										
-		brownish gray weathered										
	· · · ·	medium					· .					
-	·	arkose	· · · · · · · · · · · · · · · · · · ·									
65 <u>m</u>	l • . •	SANDSTONE									н. 	
-	<u> </u> ∙∵••		· · · · · ·			н 1		1				
-	ľ • . •									· · ·		i
	<u></u>	coarse									:	
70m	1	medium									:	
		niegium				1						
	ŀ··											
	Ŀ	coanse, light brwn.										. :
75m		medium										
		medium w.c.bywy with feldspon										
		· · ·										
		coarse					· · ·					
80m	4 4	brwn. wedi.										
-	: : :	ark.SS					1.1	· .				
	÷ ::	pale olive gray										
	<u> </u>	pale olive gray aren: SHALE with feldspan									· .	
- 85m	÷	gray	fine on du-									
	$\cdot \cdot \cdot$	fine nmedi. SS	fine py. diss.									:
		small feldspar rich										
	/	lost water circ.										
	. / 1	Non Cuttings										
90m	/											
	/	1.4										
		white DOLONITE	f. py. diss.						÷			
• •	T_{-}											
		greenish gray soundy						1. A				
95m		sondy dolar to APCILITE										
-		dolomitic ARGILLITE										
			Py. V. W. diss									
-												
 1(X)m									1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		÷	.
LINN	أسبعهما		······	l		L	ĺ					

Direction : Longitude : (true north)

Inclination : --Elevation :

······		·····									T-2	(3
epth (m) .	Core Log	Lithology	Mineralization / Alteration	Samp. No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %		
00m	Z 7	whitish gray				- PPIN	Į	70			+	
,0in -	1,1	DOLOMITE					j					
-	T_{T}					1					ŀ.	
	LT	Coring whitish giv	py. diss.									
:	$I_{\eta}I_{\eta}$	essib v.comp.hd DM	V			-						
- 15m	$I_{I}I$											
	<u>/v</u> /	fractures (+ 75')	-oxidized brown-cal, veinlets									
	ŢΥŢ	fractures (* 75') core proken + bo b.										
-	<i>47</i>									1	·	
.8_	20 20	(-60]	1997 - 19				
•		dark grn. ngry. AGL.	az vainlets (+ 45-50°)				ł					
0m		canceres Jamina ich	cat. irreg. veinlets py. diss. along b.p. partly									
		with water-escape str -ss.k. (photo))										
-		with dolomitic port										
-									- ·			
-		[]	
•	<u></u>											
15 <u>m</u>	<u></u>	dol-AGL	cal. irreg. patches			.		1.1				ł
	- 2-0											ł
-		dol-AGL									1	
-		101- MGL				1						
به : د	1	· ·	alman det wild						· ·			
2	<u>+; </u>	-bo black allows	Cal careous dot ~ veinlets pr. diss. along b-p. partly b2. veinlet ~ band (2-60) in AGL.	а.		1						
20 m ²		Carbon rich								-		
-		e-\$\$~60 b.	PY-Q2/Py-Carb. bands (lem1)	·		1.						
•••	<u></u>	gryish dol-AGL										
		v.comp.hd.					1	•				
		black SHALE								1.1		
- 25m		black SHALE V. comp. hd.	py-Hem bands (1cm ±) rich, wbo									
	11		Franching from py band to H-W (photo)									İ -
-		4-60 b.	tranching from py band to H-W (photo), boudinage of py band		•							
-		70 - 65				1	{					
÷		dark bry laminated SHALE										
-		SHALE] .		. .	1				· :	
30 m										1	; *	1
_												
		black SHALE	py-dol. bounds (0.5 mmt) rich + 60~70"							- 1 A		
- -			1/ 000 000 000 000 000 000 0000			}	1 - L			1		
•			· · · · · · · · ·					· ·				
35m		K-70 b								. 1		
:		dark gry. sdy. laminated SHALE	:									
_		vicomp. massive, hd.							I .			1
						1						
-		475 p.							. .			
~ 0m							.	1 . ··				
	*****	e-bo þ						1		:		1
-	,000	black SHALE	py-(dol) bounds rich + 55'									1 :
-	in the second	comp. hd.	py-(dol) bounds rich + 55" irregulary deformed			1						۱.
-	-								ł			1
	and l	t76° þ.							1	i.		
5 <u>m</u>		1										
	chief of		irregular py- &z vein/ets (0.5~1cm				· ·					1
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•		att any edition					1					ŀ
		with gry. sdy. part			n 1,11			1 · ·	· · ·	.		
0m		e-55° k.			1 ·	1	I	1	1	} · ·	12 C	1 -

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Direction : (true north) Longitude :

) Inclination : --Elevation : •

				-					06.3aid 44.5		 (4)
Depth (m)	Log.	Lithology	Mineralization / Alteration	Samp No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %	
150m ⁴		gry. soly, laminated istALE	py. thin bands / irroz. film / blebs			-					
.6 155 m		t-ss° b. t-so° Whi. sil. ĐH. Conp. massive, hd. tos•b.						· · · · ·			
.2	777 277	60 b. 60 sheared clayey	:								
160 <u>in</u>		with arg-layers	px. diss. py- oz veinlets								
.8		-ss.b. darkgry~black SHALE	PY-Qz thin bands rich 455.								
165m	7 77	35°}	pp diss. silica veinlets ~ kands								
		white (colorless) @2									
		Taryely crystallized Q2.	Qz Veín		· ·						-
170m		↔ ∋o".			- - -		-				
		(30' while inequilar mixture of carbonate (cal?) port & cherty part	py (large crystal) diss.								
175m	1 6 6 	while silceons DM	inegular silicorus lens contained		ļ.						
		while ~gen. A GL. ←85 b V. comp. hd. ←70 b.	strongly silicified irreg. silica lens rich								
180m.7	ンいた	irreg. mix of carb-silica	(GABBRO) (g=n. altered Ho. rich white actured nature v.strongly silicified								
	T'T $\neq f$ LT T'T	Sil- D.H., v. comp. hd. -30° grn ngry ang-layen & silica layer (2-3 cm)	px. small spot rich								
185	τ',τ	←35° qıy. silica layer (zcm)									
		-65-70°b. -40°b. thinly laminated	irreg. silica lens contained								
8		siliconia - muddy parts inegulary mixed white massive LIMESTONE	px.diss								
195m ²		LIME > 10NE langely crystallized cal, sheared clayey (zoim)	Joxidized brown, weathered limonite filling cavity				-				- - -
			} oxidized, vuggy limonite								
200m	<u>F</u>	arg-List.									

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(4)

Direction : Longitude : (true north)

Inclination : -. Elevation . :

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Ł	ر ا	1

				1	,							(5
Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp. No,	Depth (m)	_Au∷ ∵ppm	T.Cu %	S.Cu %	Co %	Zn %	- -	
200m												
-	a a	prown clienty r. mricro folding							1		· · .	
.6	Feet	micro folding							5			
-									:			
	Хy	black h\$	segregation cal-line veinlets creet,									
205m_	1/-1-	water man to							-			
	gar	water escape str. Inminited part proken					·					1
· _	المراجع المراجع	ut.t.										
-		whitish ngayish	vuqqy limo-cal.								· .	
	ts S	WHITE R SHOW	irreg. siliceous lens contained							:	з ₁	
210m	ĚŤ		in chi mice to post contact at									- 12
-		e-45° muddy layons ang-225						:				
		ang-his		1	1 N 1	1 I						.
	T T									1.1		
									-			
215m	臣又		ral veinlets (2 cm +) notwork			1						
	<u>iv</u> -1-		cal veinlets (2 cm 2) metwork with mafic minerals (mica?)		1					;		
·	ήŢ									· · .		1
-	цŹт	white-gry, massive					•				. .	
		white-gry, massive hd. 1.5.				.		-				
220 m	╞┷┲┸┲ ┍┲┸┲╴		. 1		1 · · · ·		· ·			· ·		
.5]						
-	<u>X-</u>	dark grn. massive.hd.	conbonalized			1						
	47	oftened GABBRO	biotite nich	1							1.1	
	六戸				i.	1		-				
- 225 m	4.1		cal. films							-		
	11					1		10			н 	
. –	1					1						
	177											
•	11											
- 230m	11			:	· · ·		: .	1.1				
	1.1				1. ¹¹							
	17	V COMA mossive		1 :								
-	17	V. comp. massive whitish agenish.			·		1				. t	
-	ドレ	ľ				}			-			
- 175	いた						·					
235 <u>m</u>	1/1			1			· · ·		•	}		
-	\rightarrow	·.	Cal. film	1		ł .					÷.	1 A A
-	1-7					[
-	5					1					ŀ	
	ЦĆ	+40-55° fractures			· .							
240m	$\langle \cdot \rangle$						l .					
· <u>-</u>	K./7					j :						
-	$ \frac{1}{\sqrt{2}} $			Ι.	:						11.5	
-	1	-65° fr-slickenside		1					1.1			12.1
	1-	Ho (gin. altered) rich	grn. clayer matic m x								l	·
245m	$\lambda \sqrt{1}$	+30 fr-slickenside	grn. clayey matic m. 8. white corbonatized part	·		· · ·				· .		· ·
-	ςΣ,					ŀ.,						
-	<1	40° frs-slickenside		 : .] :	1 ···					11 - 44	
-1	늰기			1		1	· ·	la se s				· · ·
-	44			ļ								ŀ.
250mg	\leq	(-35 DM	······································	<u> </u>	L	[[L		L		
· .				- 24								

Direction : Longitude :

(true north) Inclination : -Elevation

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			······································				•						(6)
- F)epth (m)	Core Log,	Lithology	Mineralization / Alteration	Samp. No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %		
- b	250m		white crystallized massive DM	small vugs - limonite	· ·								
	.4	汤	pinkish white dank grn. GABBRO	grn. clay - carb, (limo) irreg films						-			
	255 m	以								-			
	, - -		-20° boundary - limo. White comp. massive Cnystallized DM.										
	260 <u>m³</u>		←25°b. mdy. sil. sil-DM										
	-			small vugs-limo, diss.		• .							
	.2	4	-55% sil-AGL dk.gry. -80° fr - limo.							-			
	265 m	Ę-	dank grin attened rock arg: llaceous ?	v strongly actived (clayey 2 lonb.) dolomite strong network with vugs -lino.								: :	
	۔ م	EF L	like basic r.	whi claysy actored crystals rich									
	270m		white DM	vuggy veinlets rich				:					
	.5 7_		altered ang-r. basic? -so whi. OM,	whi. clayey altered crystals contained									
			-75° +80° flow structure dank grn. clayey altered arg-r. basic?	whi. day attered crystals-porphyritic carbonate strong network									
		Ť,		đ		•					-		
	.8 280m	$\frac{-\chi}{1}$	-60° whi crystallized -10°b DH -55°b ndy lamina	limo. in Vugs									
	.4. .9.		914. sil-AGL whi. DH. Vuggy -50' 914. sil-AGL	breactated by carb, irreg verifiets lime, in vugs									
	.6 	4	19. SH - AURE attend ang -r. basic? bask r. breccias	preciated by carb, irreg. veinlets (sofe sediments preciation, water- escape structure) brecciation by carbonatization									
	285m	影	whitish massive oftened GABBRO	strongly carbonatized, micacaous		· •							
	- - -	次											
	290m7		conglomeratic sil. jebble z dol.matrix			-							
	-		v.si <i>l-ÐH</i>	v. strongly silicified fractioned with lime. diss.									
	.8_ 		whi. crystallized DM. -35°b. mdy. layer										
	230m .2 -	17.	whi. hd. sil-DH massive fractured DM.	vistr. silicified. lino diss. in fra.		. *							
	-	747 777 777						· .		e af			
	300m		whi-giy massive DM.						<u> </u>	<u> </u>	L		

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Direction : Longitude : (true north)

Inclination : --Elevation :

a second s			T				-				(7)
Core	Lithology	Mineralization /	Samp.	Depth	Au	T.Cu	S.Cu	Co	Zn		
Log.			No.	(m)	ppm	%	%	<i>%</i>	%		·
$\frac{1}{4}$	Vicomp. hd. massive	Nationaly silicified.						· · ·			
74	v sil- PM										
<u>, 1</u>	fractioned finely, weakly				.						
37-7	irregularly		1								
K IK			· ·	· · · ·							
1.71	- to fr dol. veinlet								. 1		
$\frac{\chi}{\chi}$.
11/	- 50 frs.										
	e-25°b. mdy. layer										
147					ĺ					:	
747] .	
TTT									:		
I I	gry. hd.				1						
7-8- 7-7-	v. sil-arg-DM							ļ			
ź Ň-	and the second sec								[
417			1					1.1			
474				÷	. I				1		ľ
11-1						·	ĺ				
41											
AT											
1-1						1.1				l.	
157				н. - Г	1					1	
1.11		↓¥_ '									
¥ X	50								:		
4 4 4	-35 sheared AGL	Dol. in frs (net)						1			
1/m	white ~ gry.	I have deal to be a literate						1			
777	crystallized DH.	time, criss in small vites			19						
$\frac{1}{T}$					1.1						1 ·
<i>'</i>	45 fr slickenside	· · · ·					}				
									- -		
<u></u>									· ·		
1.1						:	}		· ·	1	
			ľ	2	1						
$\frac{1}{7}$					}						
1/-/- K7X									- 42		
THI I	brecclated fine PM.			· · ·	I .						
铁											· ·
XX	down soft partly	limo, W. diss.		· .	÷						
17	iveg. lamination								· ·		
1,1	CWART ESCAPE SIT. 1		}			}					
1/	massive DM.										
17						1.00	- 1 A				5
ΥX.	preceived DH	limo. diss.	Î	1			· .				
411	clayoy along tis.						1				
$\star \chi$	- 70 fr slickenside -	-limo,			1					- ·	
-//-	massive oxi- bu				ľ	1					1
17	in the second second				1 .			1 .		1. [*] **	
1				1	1 :		la de la composición de la com				Ι.
	-10 6		1 -	4.1	1	1.1					
	dark grn clayey soft				1	: .	1			1 ··· · ·	
	soly - AGT.	· ·	1		1.	1	[·	· ۱	•		
. · ·	l ´				1 .		1.	·	1.		
	1		-1	3							
		Log. Lithology Log. Log. Lithology Lithology Log. Lithology Log. Lithology Log. Lithology Log. Lithology Log. Lithology Log. Lithology Log. Lithology Log. Lithology Log. Lithology Log. Lithology Lithology Log. Log. Lithology Log. Lithology Log. Lithology Lithology Log. Lithology Log. Lithology Log. Lithology Litholog	Log. Lithology Alteration $\frac{1}{2}$ V.comp. hd. matsive v.sil- pM $\frac{1}{2}$ fractual fractual fine, in fractione $\frac{1}{2}$ fractual fine, in fractione $\frac{1}{2}$ fractual fine, in fractione $\frac{1}{2}$ fractual fine, in fractione $\frac{1}{2}$ for fractory winkt $\frac{1}{2}$ for fractory for fraction $\frac{1}{2}$ for fra	Luthology Alteration No. Lithology Alteration No. Vecomp let matisive Vecomp let matisive Vecomp let matisive Vecomp let matisive Vecomp let matisive Vecomp let matisive Tractional Traction	Log Lithology Alteration No. (m) Log Lithology Alteration No. (m) Log Vecomp Ld. washive Vistingly silici-fied. Interation Interative Vistingly silici-fied. Interation The function of the field. Interation The field of the field Vistingly silici-field. Interation The field of the field of the field Vistingly silici-field Vistingly Log Lthology Alteration No. (m) ppm	Log. Lithology Alteration No. (m) pm % Log. Very M. very M. very Sile of feel. We shaw the very M. Strongly sile of feel. M. Strongly sile of feel. M. Strongly sile of feel. M. Strongly sele of feel. M. Strong f	Lubology Alteration No. (m) ppm 95 26 Versel-ball workly No. (m) ppm 95 26 Versel-ball workly Iboo, in freddene Versel-ball Iboo, in fredene Versel-ball I	Log Lithology Alteration No. (m) ppn 96 98 96 very Manual Mathematica Very Market Mathematica Very Market Mathematica Very Market	Log Ltthology Alternation No. (m) ppm 96 95 95 Vencep Metworking Jose may by silicafied. Jose field. Jose field. Jose field. Art fractured Jose field. Jose field. Jose field. Jose field. Art fractured Jose field. Jose field. Jose field. Jose field. Art fractured Jose field. Jose field. Jose field. Jose field. Art field. Jose field. Jose field. Jose field. Jose field. Art field. Jose field. Jose field. Jose field. Jose field. Art field. Jose field. Jose field. Jose field. Jose field. Art field. Jose field. Jose field. Jose field. Jose field. Art field. Jose field. Jose field. Jose field. Jose field. Jose field. Art field. Jose field. Jose field. Jose field. Jose field. Jose field. Art field. Jose field. Jose field. Jose field. Jose field. Jose field. Jose field. Art field. <td< td=""><td>Log. Lithology Alteration No. (m) nom 95 95 95 Vest-pic Storgly subicified. Ina. in finition Ina. Ina. Ina. Ina. Vest-pic Ina. Ina. Ina. Ina. Ina. Ina. Vest-pic Ina. Ina. Ina. Ina. Ina. Vest-pic Ina. Ina. Ina. Ina. <t< td=""></t<></td></td<>	Log. Lithology Alteration No. (m) nom 95 95 95 Vest-pic Storgly subicified. Ina. in finition Ina. Ina. Ina. Ina. Vest-pic Ina. Ina. Ina. Ina. Ina. Ina. Vest-pic Ina. Ina. Ina. Ina. Ina. Vest-pic Ina. Ina. Ina. Ina. <t< td=""></t<>	

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(true north) Direction : Longitude :

Inclination : -Elevation :

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)epth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp. No.	Depth (m)	Аи ррін	T.Cu %	S.Cu %	Co %	Zn 36		
350ni ³	7,7	AGL PH parting, 91%. 9rn. claysy AGL +20; laminated PM		1			-'					<u> </u>
.7		grn. clayry AGL	stylolite									
-		-20 8	>1910+14									
		gin-gry clayey ACL	· · · · ·									
355m -	7.7	DN parting 2013 lamina soft 2013 lamina						.				
· -		-20' Inminh										
1	Ŧ		gin. clay-Mica in Fractiones									
-												
.3	7-7	←30° whit massive DH	· · · · · · · · · · · · · · · · · · ·									
- 360m/	77											
		grni- gry clayey AGL										
-	171	clayey AGL										
, <u>9</u>	77	15th whi massive AM									- -	
-	Z_{f}	whi. massive DM comp. hd. sil-DM. portly	small rugs									
							:					
165m	7- <u>7</u> 2	-45° stylolitas									a. A	ľ
-	<u> </u>	ang-DM gmish gry, clayey										
-	<u>7</u> 77	/ //										
4. -	- <u>z</u> * z	while massive PM										
-	<u>'</u> _/	⊷ 2ª	vuggy partly									
370m		pale grn AGL		1								
-	<i>4</i> 77	white massive hd. DM.										
Ļ	54	arg-DM								÷.		
	扫	HSI. with this arg-										
	177	layers										
375 <u>m</u>	對						i					ŀ
i j	<i>1</i> 7 <i>1</i>				• •							
	hynt	-20' stylolites							·			
Ţ	in the second	-10 -15										
	17	interbedded DM-AGH.										
80m	트	-20 with dol-layers	vuggy dolomite vailets				·					
		win all-layers	vv)			•						
7												
1	\	-15 k thin dol-layers					-				• .	
Ţ	<u>, -</u>	dol-AGL	art 1									
285m - 2	277	brownish white crystallized DM.	Oxidized		:							
	<u>777</u>	arg-DH. thin arg. Jaming 10b. load cast str.										
5												
		gin clayey Alt										
j		while mass, hd. DM										
390m7		Soft Ak, gry, clayey	micaceous by disc								· .	
		10 Jaminated arg. BM	ly, 4:22									
-[卍	white massive DM	small vugs		· ·						-	
-f	7,1	thin ang layers	v Provincija se se se se se se se se se se se se se									
	mpr 1	stylolite			:	2		:				
95m [<u></u>	whi. mass. DM							· .			
	; ;;;;]	a a a sta	· .									
4	77	stan provinci					· ·					
.7=	77	15° ang. parting (10cm)					:		н. 1. К.		· ·	1
	77	V			·	• •		· .				1
	77				an de el Rese		· · ·				: 	
00m ⁵	<u> </u>	lark gry AGL, 1	- 27	- II	1917 - 18 - 1917 - 1918 - 1919 - 1919 - 1919 - 1919 - 1919 - 1919 - 1919 - 1919 - 1919 - 1919 - 1919 - 1919 - 1							<u> </u>

 Drill hole No. : MJZC-3
 Direction : (true north)

 Latitude :
 Longitude :

Inclination : --Elevation : ٠

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Depth	Core		Minoralization /	Samp	Depth	Au	T.Cu	S.Cu	Co	Zn	1	(9
(m)	Log.	Lithology	Mineralization / Alteration	No.	Deptn (m)	ppm	%	%	%	20 96		· ·
400m		dk.gry.mass. AGL. micacious	py: v. w. diss.				<u> </u>					
R		micacionis		1		.	1					
	1 1	whi. mass. DH				Į						
-	141	clastii						ł				
- 405m	17			1								
.9	7.1			1. ¹ .								
	54	dk, gry. sdy. AGL. micacente	del sus									
-	4	micatente	dol-vugs									
-	—	11 4 . 4										
-110m		do/omitic portly laminated										
	-82		small dol-vugs containled									
-	52	-15% ineg, arg-lamina					1 : *		· ·			
-		and all a leader]					
-		-15° J.										
415m	my my	whi, mass, PM										
-11080	1,1									н 		
-	1.1	-15th mass phy -15th mass phy -15th with ang lawing					Ì					•
		15 k Jin ang janing]			
-		gin-gry. dol-AGL micaceous	small dol-vugs							1		
420												
420 <u>m</u> 7	7 <u>7</u> 7 7 <u>7</u> 7	Dry with ang-layers										
-	-7	gen-gry AGL with thin DH layers				1						
		-15' lawing		1		1				1.		
-	 			1								
				·								
425 m ⁵		ang-DM										
	7-7-	with ang-layers		ļ .							1	
-	1-01	+15°b. laurina 1-20 stylolite	py. v. w. diss.									
	01-	massive ang. \$M_	small vigs V							•		
-	-011		lost water circ.									
430m	7-7										}	
-	7-7											
-	7-7											
-	171					 			· ·			
-	1-1)					· .		
435 <u>m</u>	77	white fine massive			ł	1	.					
-	17	9M.'			ł			1				
-	T_{I}					ł			· ·			
-	τ ΄, τ									· .		
· -	77					1.			·.			l
440 <u>m</u>	<u> </u>	grn: dol-AGL				· ·			1. 1. 1.		ĺ	
-		1 .				1.				1 .		
-		e-10° b. lamina 45 sheared fr			Ì	[·		1 . · ·				
-		with dol-patch-layer	oxidized Gueathered >, limo diss.			.						
-	[+15° lamina					1		ļ .			
445 <u>m</u>		p is it fumina	and disc		}						:	
~			small dol-vugs	1	· .	1 ·		· ·				
-		whi.mass. BM grn.dol-AG4	cural rates 1		· ·							
-	<u>一</u> ,	+-10 Þ.	small reddish dol-vugs	1 ·						}		1 A.
. –	<u>57</u>	brownish arg-DM massive micaceous				1 · .						
450m	F77	micacious						 		l '		

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Direction : Longitude : (true north)

Inclination : --Elevation :

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r		p -	1		· · · · ·		t	·	r	r		r	(10)
	Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	2n 07		
\mathbf{F}	450m	.7. . .7			No.	(111)	1.1.1.1	10	70	70	%		
	400m	12	the wall with any				'						
			dh. yellowish grn.										
			-5"b. dol-AGL.	Dol. spots-layers							:		
			est b. Jamina	- in spin layer									
	455 m	771	ЪM						1				
ļ	-		gin dol-AGL:										
	-	77	pH, pale grn. micaceous										
	. T	77	9th ACTL. Vimicaceous			• •							
	-	.1	Fink crystallized DM	lost water cire.						ł			
	460m	<u> </u>	gen, soly, AG-L with dol-layers/patch	÷									
]					· .					
	-		-10 b	micaceous (talcose?)			ļ						
		<u> </u>											
1	-	<u> </u>									-		
	465 <u>m</u>	1.7	+ 10"										
	-	TT	brown crystallized DH mossive										ļ
	-		dk. 9111. comp. sdy-AGL -10th dolomitic	red Dol. small lens			1						
	•	<u> </u>	-10.9 Gologium							1			
		<u> </u>	with pink mass cryst. BM portings (10-20cm)	·									
	470m	22						;					Ì
	-		micaceous AGL									-	
	.ž	77	nink-whi mass erect										
		1	pink-whi. mass. cryst. PA gin. sdy-Acil										
	1 475m	17	brownish mass. cryst. PM	Gyr. fill small cavity of DM									
	4130		gm AGL	small Anhyd. spot contained Chyp film n layer +10.									
	. –		-10% integ, layer										
	-		cross bedded gently	Annhyd. Spot rich					1.1				
	H		€-5°¢										
	- 480m												
	.3	<u> </u>	DH porting										
	-		grn AGL sdy. & mdy. part cross becided ganthy	Annhyd Gyp (Dol) layer/lens/spot									
		<u> </u>		dominant									
			←5 k										
	485m	<u> </u>											
			«—5°b.										
	-												l
				· · ·						-			
	-]			· ·						· ·			
	490m	 	•io*b										
		<u> </u>	DH-Andyd integ. parting Arn AGL (400m)										l
			sdy ~ clauser	micaceous									
	4		e-st gontle cross bedding partly	Anhyd.dominant, hreg.lens repot		· ·							
	-	- <u>268</u>									· .		
	495m												1.1
ļ	.7	777	whitish gry. mass. DH	Anhyd (Gyp) potches in DM									
	4		sdy~mdy.	Anhyd, irreg. lens						1			
	[massive								4 		· ·
			← flat	Anhyd. lens.		. · ·	•.						
L	500m			- 20 -	<u>1 </u>		L	L	L	L		L	L

		orill hole No. : MJZC atitude ;	- 3 Direction : Longitude :	(true	north)	Inclin Eleva	ation tion	: :	•			* +	
Depth	•		Mineralization / Alteration	Samp	Depth	Au	T.Cu	S.Cu	Со	Zn	[···]	(1)	
(m)	Log.	Lithology	Alteration	No.	(m)	ppm	%	%	%	%			,
500m -		gm. AGL								e l			
, Z	777	ÐM	al a later to										:
-	<u>L.L</u>	grn AGL	strong Anhydritization										i -
505m	 	-5. b.	Anhyd, irreg, lens 94p. films					,			- I		ļ
_	<u> </u>	-									1		
_		massive AGL			· .								1 ·
		1											I
- 510m												-	I
-												·	i
•	 	Joga my June 1											í
. –		-	· · · ·				: 						Ļ
ա 515տ												1 .	ł
		1 i .			·								i
		- flat	Anhyd, lens, common			·							ł
-		with sity lens	<u>↓</u>										ł
520m			Anhyd. not contained									[ł
320m		+ 50 she red fr.	:		:								j .
													ł
-		-	Gyp. veinlets		•								i
		interbedded thinly mdy-sdy bed											i
525 m		interval:/cm± with dish structure	:										1
-					•						ľ		i
۲ م	-	- sdy (Q27) part flat dominant			•								i
													ł
530m	••••••••••••••••••••••••••••••••••••••	grn Abrh with sdy. lens	Anhyd. fens, rate										i
-					. •								i
		11 du lang fied	Gyp-Anhyd veinlets, poor				· .						i
L	盐盐	with soly liquefied											i
535m		-	Ba										i
-		e-flat lamination											i
-	· · · · · · · · · · · · · · · · · · ·	Lat lowinated								· ·			ł
		- flat laminated sdy~mdy AGrL. - pillar structure	Anhyd. veinfets (+ flat)										l
540m	ـــــــــــــــــــــــــــــــــــــ	- piller success											ł
-	سنعة - تشتر. - تشتير: -				· . ·								ŀ
-	مجم ^ع تشبط محمد عن ا مرود مرا	interbeddod sdy-mdy. lamination interval:smm±			: 								ł
•	ـــــــــــــــــــــــــــــــــــــ	interval:5mm±			-	ŀ							1
545m													
-	 				20 1								1
.5	艺	while massive hd DM	Anhyd. / silcified partly						·	a set			l
	<u><u> </u></u>	"Cherty Dolomite"											I
550m		gin.mass, AGL , "Hark	er Shale", with dol-spot			1				ľ			l l

Direction : Longitude : (true north)

Inclination :-- * Elevation :

	•					<u></u>		- L1-2- - L .	******				(12)
	Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp No,	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co. %	Zn %		
.	550m,		grn. AGL 5'Gyp. veinlet										
	4	77	gryish whi. massive										
	-	ĻΖ,	- DH.										
		ĽĽ	"Cherty DM"	:									
		17	-										
	555m	<u>/ /</u>											
	-	1-1	with arg-layers	Anhyd. lensn patch									
		I,I											
		77	• ·	Cu Mineralization		÷ .							
		7.7		556.00 - 562,00									
	560m	T-T-	-	Cp. diss. in Oz. veinlet / silicified port									
		1.1	- 	/DM / Anlyd, as v.small elongated blebs									
	-	1.1	-5. dk. yel. micauous layers	str Ashed Let Sig to y									
	-	<u>; / </u> ;		str. Anhyd. /silicification partly									
	-	<u>4</u>		562.0° 564.00 cp diss, v. tore									
	-	77									:		
į	565m	77	flat lamina										
	· _	7-7	dk.gry. ang- DM/										· [
		747	inter bedded DH-AGL str. micaceous										
	. : 	7-7	stri micaceous	· · ·									
		MAUL	convitamina of										·
	570m	-7	convitamina. of micaceous ang-layer	Anhyd. patches							. ·		
	. 3		5. b. dol-gzose SS stri micaceous										
		<u> </u>	stri micaceous										
			AGL parting										
	-	- <u>-</u>	with dol-layers										
	575m		V. hd. micacenes										
	31.014								ſ		•	н 1	
Ì		7 / / 	interbeddod AGL-DM-55										
			←5° į.										
		7 .											
	-												
Ì	580m ⁴		black comp. hd AGL										
	<u>ې</u>	777	brownish whi. oxi- DM.								·		1
		<u></u>	e-flat lamina									· ·]	
	5	-7-	T .'										
		7-7	dk givn db.gin, v.comp. hd. AGL, pourtings (30 cm ±)								· · [
	585m	7.7	" (30°cm±)									·	
		77	interbedded BH-AGL					ĺ					
1	5-		к-5°b.								· [
	-	· <u>1</u> ·	pink~prownish white				•				· I		
			sil-dol-ldZ1	oxidized.							.		
	_ 590m	···	"Upper QZT" y.hd massive		[. [·		1		
1	000m		ACTING STORESTING	str. silicified			_ ·	[
-	H			1				ļ					
		<u></u>	with ang-layers						· · ·		·		
	-		micoceous		1 I			· ·]	- * 		·		
						:	. 1						
	595 <u>m</u>		e-5° b with the ang-layers						. 1	Į			
								·		· [
			<i>⊷60</i> V.	02 veinlet (1cm)									
								-		• • •	•		
		<u></u>	with the mody layers	av.			<u> </u>						
	600m		and the map index?	0x1.		11	•				1		
		ل منظمة معت م		^ 1					I.				

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Direction : Longitude : (true north)

Inclination : --Elevation :

						·						(/3)
Depth	Core	Lithology	Mineralization / Alteration	Samp	Depth	Au	T.Cu	S.Cu	Co %	Zn		
(m)	Log.	fupper QZT		No.	(m)	ppni	%	96	70.	%		
600m,s		to any layers							н. 		- 1 - P	
		-5- dk.gry. hd. ang- dol- 55								÷.		
	<u>.</u>	micaceorio							: .		·	
_	:	with DM pantinge		-					- 10 g		·	
- 605m	 											
00011												
-	·		· .					· .		1		
_												
					1 - E			· ·				
	•										[1
610m	<u> </u>	€-5 *								in n		
	·· 	dol-S\$				Sample	No. Der	oth (n)	T-Cu X	AS-Cu		AS-Co
-	: ÷ ; ;	15th and us may be				KC 1970	1 632	47-632.6		(0.01	× <0.01	<0.01
_	÷	whilish gry, v.comp. hd. crystalline dol-Q2T	v. str. silicified.		· /	KC 1970	÷	66-633.1			<0.01	<0.01
	···	with may Inyers				KC 1970		13-633.0			<0.01	<0.01
		1.			/	KC 1970		63-634.1			<0.01	<0.01
615տ	$\overline{}$					KC 1970		13-634.6	_ <u>{</u>		<0.01	<0.01
	·:	4-5° b_				KC 1970		63-634.8			<0.01	<0.01
	· · ·	and the second second second second second second second second second second second second second second second				KC 1970		84-635.0	-		<0.01	<0.01
.4		e-5" b dk gry v.comp. AGL				KC 1970		03-635.3			0.02	<0.01
8	<u> </u>					KC 1970	9 635.	32-635.6	1 <0.0	<0.01	0.02	<0.01
-		20 b maly layer				KC 1971	0 635.	61-635.	4 <0.0	(0.01	0.03	<0.01
620 m	<u> </u>	dh giy ang-dol-SS +lok mdy layar				KC 1971	1 635.	94-636.3	1 0.8	(0. 01	0.02	<0.01
	·					KC 1971	2 636.	31-636. 8	1 1.1	5 <0.01	<0.01	<0.01
-	277	micacious DM parting				KC 1971	3 636.	81-637. 3	1 0.3	1 <0, 01	0.02	<0 .01
-	<u>((</u>	with may layors				KC 1971	4 637.	31-637.8	1 0.0	5 <0.01	0. 01	<0.01
-		dk. gry				XC 1971	5 637.	81-638.	1 0.0	5 <0.01	0.01	<0, 01
-		arg-dil-QZT				KC 1971	6 638.	31-638, 8	1 0.0	z <0. 01	0.01	<0.01
625 <u>m</u>		mdy layers rich				KC 1971	7 638.	81-639. 3	1 <0.0	1 <0.01	<0.01	<0.01
_		" H/W QZT"	. ,			KC 1971	8 639.	31-539.8	1 0.0	· · · · · · · · · · · · · · · · · · ·	<0.01	<0.01
						KC 1971	<u></u>	81-640.			0.01	<0, 01
-						KC 1972	0 640.	31-640.0			0.01	<0. 01
		K-10° mdy bayen				KC 1972		66-640.1		· •	0.02	<0.01
-						KC 1972	_	84-641.		<u></u>	0.03	<0, 01
630m						KC 1972		34-641.				<u>+</u>
_	<u>т</u> т	erystallized ang-QZT			/	KC 1972		84-642.			0.03	<0.01
		o francisco de la construcción d			/	KC 1972		26-642.				<0.01
.4	·····	thory v.comp sdy-dol-AG1			¥ ·	KC 1972	un ne fanasiaa	79-643				<0.01
-1		sdy-dol-AG1 dr. gry. laminated AG2				KC 1972		29-643.		-		<0.01
625		-8 1. "Ore Shale"				-XC 1972		80-644.	· · • · ·		-	<0.01
635 <u>m</u>		- 80 V.	Gyp-Hern veinlet (1cm)	1		KC 1972	; . 	31-644.	···[·			(0, 01
-		dh. gry massive dol-Aft v.thinly faminated	635.1~ fine py-(Bo) diss.	1		KC 1973		24-645	{		0,06	<0.01 <0.01
-		t-5th	small do - spot with rim of Ry-Co			KC 1973		24-645.			0.05	<0.01
	·		small dol-spot with rim of By-Cp 696,0~636,70 v.fine Cp. diss. along bodding plane	1		KC 1973		72-646.				<0.01
		soly-dol-AGL	636,7% 638.30 dol-spot with Cp			KC 1973		23-646.				<0.01
- 6/10m		with dol-layors	638.3° dol-spot with rim of Hica-(Py			KC 1973 KC 1973		. 73-647.				<0.01
<u>. 1011</u>		, , ·	640,8% 642,60's dol-spot with Cp-py	1	e y v	KC 1973	فاستنابهم س	. 23-641. 73-648. 2				<u> </u>
		€	(Cp layer		·	KC 1973		23-648.7				<0.01
-	<u> </u>	-5.4 gry. v. comp. hd. AGL rindy - sdy laminated -5.4. smm interval	FRide	1		KC 1973		73-649.2				<0.01
		-5% sum interval	f. fy diss	1		KC 1973		23-649.7	·			<0.01
_	<u> </u>	dol-sdy-AGL				KC 1974		73-649.8				
645m			644.24 649.88, Cp-Py-Po diss. Cp: integ. blebs along bedding plane	1.		KC 1974	649.	84-650.1	3 0.0	2 0.01		
			Cp: img. Hebs along bedding plane		/			S-: Acid				
							 	Į .	·			
-	4-8-		sil-dol-concretion/lens incl. Cp blebs								<u> </u>	
-	and a	sdy-dol-AGL with mdy-layer		1			· ·				ļ	
-	¥-0'-	conv. 14. (4400	Cp-Py-Po ineq. veinlets	1		•		į. ¹ .				· ·
650m	1 m	5 / 11 11 49	micaceous, py. diss.	Į.		1.1.1		1			1	1

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Direction : Longitude : (true north)

Inclination : -Elevation :

.

			Enigrade			•						ille
Depth (111)	1 .017	Lithology	Mineralization / Alteration	Samp No.	Depth (m)	Au ppm	T.Cu %	S.Cıı %	Co %	Zn %		(14
650m,	1.1397	micacionis dol- 55	~650,20 Pr. diss. with silica lens, dish structure	110.	(iii)		70	- 70	70	20		
		CGLL, Petble Chevit Bry mica-sil-ss Schist -55" V. Graniti	pink crystalline Anhyd - Oz. vem									
- 655m		pinkish giy, v. comp. hd. sil-coanse SS. -5-10th bk. indy layers										
-		k-30° bk. mdy. layers										
- - 660m			str. silicification									
.8		e-20-30 b. bk. mdy. byens 1450 v	BZ, veinlet			Sample No.	Depth	(x)	T-Cu X	AS-Cu X	T-Co	AS-Co
·		dk.gry. erg. \$5. partly	Dol - Hile verdet (5mm)			KC 19742 KC 19743 KC 19744	650, 13- 650, 42- 650, 71-	650. 71	<0, 01 <0, 01 <0, 01	<0.01 <0.01 <0.01	0, 01 0, 02	<0. 01 <0. 01 <0. 01
665m ³ ,8	0,0	Le futtoste a di di cara di				KC 19745 KC 19746 KC 19747	651, 19- 651, 67-	651. 67 652. 15	0, 03 <0, 01	<0.01 <0.01	<0.01 <0.01	<0. 01 (0. 01
i.	0.00.00	pebble s'Chart rounded He, Schist			11-	KC 19747 KC 19748	652, 15- 652, 63-		<0.01 <0.01			(0. 01 (0. 01
670m	0,0	micaceous matrix v. comp. hd.										
	°°°°°°°°°											
675 <u>m</u>	0°0°0°0		str. silicification									
1 1 1	0°°0°											
. 680m	ຸ0,0°0° 0,0°0°											
- -	0°0°										:	
- 685m_	°°°°°	rounded petble a										
	0,0,0,00,00	irregulat breccia Tof Gneiss greenish gry										
	0000	-5'dk.grn Soly.AGL parting (10cm)										
690 <u>m</u>	° ° ° ° ° °											
	0,0 	97% Pebbly \$5(027) v. comp. Hd.										
695 <u>m</u>		dh.gm.										· .
-	000 000 000	-35° laminated \$5, dh.grn.										
- 700m	. 0 .000											

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			•				
							· · · · ·
Drill hole No. \pm MJZC-3	Direction :	(true north)	Inclination	;	•		
Latitude :	Longitude :	· .	Elevation	:			
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			:		•	(15)

Depth	Core					4.3		[e]	i>	· · · ·	Au	LTC.	1.00		1 -	1	(15)	י 1
fml	100	Lithology	۱۷ ۸	lter	aliza ation	tion		Samp No.	De (1	pth n)	ppu		S.Cu %	Со %	Zn %			
700m	0.0	e-20 Jaminated SS (Q+T) Pobbly palegra. V. sil. pebble (AGL.) olominant				• •						· ·		1.00				
-	000	palegrn. v. sil. pebble				•											Ì	
-	0,00	(ACTL) or DWIMANIE																
- 705m																	1 N	
705m	. 0	ary QZT. y. comp. hd.																
706.84		917. QZT. y. comp. hd. ~20' bh. iron stake films & Jammed »																
		(sammed »										}						
710m															·		-	
													· .		1			
-	·												:					
-						•							·					
715m														.		· ·		
• 10 ^m							:											
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720 <u>m</u>																1		
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730m														. ·				
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- 750m						•	· · ·					1					1 ·	
	L	,l	· .			,		- 34			l		J	L	_L	ļ	L	L

Drill hole No.	MJZC-3	
Latitude :		

Direction : Longitude : (true north)

Inclination : --. Elevation :

		L	ditude :	Longitude :	-		Eleva	tion	:				
	Red	rilling	(Wedging)				•		r				(16)
	Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp. No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Со %	Zn %		
	600m					······································	*******		•				
	-					:							
	605 <u>m</u>												
	-			: :								•	
	-												
	610m											•	. 1
	 -												
	-												
	-												
	615 <u>m</u>												
	-											· .	
-			- -							2		1.1	
	620 m		· · · ·										
											ļ .		
	÷												
	625m												
	-	· ·											
	630m												
	-												
	-												
	-					· .				· ·			
	635m												
							·						
	- 640m		A Water 5										
	-		≪ Wadging≫										
	.7		dh.gry. mass.comp. AGL										
	Ĩ		+10" k jaminated Abit. V. comp. hd.	py-(Cp) diss. dolomite spot with py-Cp nim,									
	645 <u>m</u>			644.70~649.70								· · ·	
	ء ب		gry. comp. hd. dol-7 AGL. gyp. vain Jat	Cp. rich, alongated bleks along bebling p 2. Q2-Cp-py. Irreg. veinlet			:		·				
• .		na	convolute lamination								. :		
	650m;	00	sil. dol. kens aspot incl. (p 10 gry. 55, laninated	- bouilinege, load str. - 35 -	<u> </u>				<u> </u>	<u> </u>	<u> </u>		

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Drill hole No. : MJZC-3 Latitude :

Direction : Longitude : (true north)

Inclination :---Elevation :

Re d	rilling	F	······································									(17)
Depth (m)	Core Log	Lithology	Mineralization / Alteration	Samp No.	Depth (m)	Ац тррит	T.Cu %	S.Cu %	Co %	Zn %		· · · · · · · · · · · · · · · · · · ·
650m ₇		SS with dol. Nay, port. CGL, pelble squantic r. Indistinct Chest +56 v. H. schist	Py. diss. Silie Fad		· · · ·							
.3		indisting Chest	v. silicified Oz-Anhyd. vein						:			
.7		t-sav. (B. schist (S.S. Q27 K-sit, ang layer										
_		plakish gry. QZT										
655m .		plakish gry. QZT V. comp. hd.									:	
		+35 dhary. arg-layer										
-		~35 dh.gry. arg-layer micaceous										
-						ļ						
_			,	.				Ì				
660m												
		-25"h. mg-layer -50" V.	Bz. vain (10cm)									
_	· · · · ·			· ·						· '		
-												
-		€-50 ¥	cal. veinlet				}					
665m ₈		e-40°.√.	Q2-(Cal) vein				· ·			1		
.z		←70.x. *-\$8.x.	as- (at) vent									
-	000	brownish gry. CGL										
-	000	prownish gry. CGL come hel. pebble fgranitie r.						ł	· · .			
670m	00		Qz-Anhyd. vemlet (2cm)									
670m	000	ik, schist Chert gneiss?				İ						÷ .
		(gneiss?										
ن ن	00									Ì		
-	0.0											
 675m	0.0											
01311	00											1.
-	0.0	≪-50 V.	irreg. Anhyd. veinlet									
-	•.0.•.	.€80°¥.	Q2. veinlet (0.5 cm)									
-	00					ł						
 680տ			4			1						
	000	-70 ¥.	Q2. veinlet (0.5 cm)									
	0.0	langaly crystallized Granita pebble Gneiss pebble	:									
-	0,00	Gneiss pebble								· .		
-		Chert pebble brownish Granitic? peb. e-so'v.					:					
 685m	000											
	***×_	dk. gry QZT matrix	Q2-Anhyd, irreg. veinlets									
-		pebbly QZT										• •
P	000											
-	0.0	dk.9m.v.comp. hd. CGL										
690m	0.0											
-	0.0		:		1 		1 **		1	1.1		
									1			
-	0.00									1		
· •-	၀.၀ိ		pink cal. spot cpoor >				1		· ·		1. A	
695 <u>m</u>	000	\$.\$,								· · :		
	000			1				.				· . · :
· -		S.S.									2	
_	0.0	pale gin. AGL pebble predominant			÷.				ł			
700	0.0	¹										
700m	6.00	l	I		L	.L		<u> </u>		.J	L	<u> </u>

Drill hole No. : MJZC- 3 Latitude : Direction : Longitude : (true north)

Inclination : - • Elevation :

10.

									· .			(18)
Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %		
700m	0.0.00		curbonatized AGL pebble & silicified matrix (QZT)									
		whitish sil-CGL	- J- v.silic:fied.		:							
705 <u>m</u> J	000	←-15*	tron stain layers like lamination		-							
1 . I		1	v. str. silicification		•							
710m			Gyp, ineg. film									
-			iron stain layers (* 20-25") & diss.									
715m		pinkish whi. QZT.										
			carbonate film									
720 <u>m</u>												
,5 725m	0.000	gry, v. comp. hd. Cirk gnelss, granitič r. pebbks	str. silicified									
-		« 55° fr.										
730m	0	4-40° sheaved fr.										
		←.55° sh. fr.										
735m	ه د ا: د	-30°b. Jaming (indistinct) granule CGL										
		gnelss chert schist	v. str. silicified Anhyd, irreg. film. partly			- -						
- 740m		-40%, gin, ars. soly, lamination gry. micaceous @27.			· · ·							
						· · · ·		-				
745m,		pebbly 22T. -30" b. laminatinet)					:					
		<-40°6 cosmedi. amina <60°×	Anhyd, veinlet (acm)									
		micaceous. -30% (amineted medium~arg-@2.T.									1.	

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Drill hole No. : MJZC- \Im Latitude : Direction : Longitude : (true north)

		and the second se										(19
Depth (m)	Core Log,	Lithology	Mineralization / Alteration	Samp No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Со %	Zn 96		
750												
-		givish white QZT			2 ⁴							
-		comp. hd.				· ·			· ·		. -	
-												
-												Ì
	••••	(indistinct)										
_		(indistinct)										
									ĺ			
· -		IL any ane-QZT										
-		dk. gry. ang-QZT with dol-patch e33°b. mdy. laming										
		e 35 b, mdy laming										
760												
`~												
-												
-		+40% dol-layers		ľ		.						
~						·			ł			
		<i>←lo</i> v.	Q2-(Anhyd- Hica) veinlet (1cm)									
		+45% ang-lamina						[
_		the ang-layers				· ·						
		granule publy 927										
		Ang-Q2T. dk. gry.										
-	6.0	++5% arg-layer dominant conv. arg-lamination										
770	~~~C~~.	conv. pog-lapini-wor									· ·	1.
-		pehily QZT							· ·			· .
~		e-soth lamina					- ·			ļ		
٦.		±50 v. ginnule CGL	Andyd. vemlet									
		ESS'V. ginnade CLAL	Andyd. veinlet Oz-Andyd. veinlet				1					
	0.00	+45' sherved fr.										
		pebly QZT										
_	• 	e to b. mica-lowing					1				- ·	
. 9		pinkish giy. granule CGL +50't. v. comp. hd.	(2-(Anhyd.) vemlets					, i				
-		+ 50 h. V. comp. hd.				1.			- a. 5	1 - A		
.2	· • • • • •	with mice - Ingers Tominated -50° b. fre dk. gry. micacene	with data sout									
780. <u>.</u> .5		Granile block in Q2T	- in any gric				· ·			1.15		
.8_	+	pinkish qiy Granite	silicified									1
-	+	and as fillers what	Silicitien					1				l
-	+	pink Oz-feldspon cryst. \$ 3 n 5 mm										Ì
-	+										· ·	
.	+							4 2	ł .			
	+	14 - at 1 P				-						1
•	+	whitish altered Gr.	silicified - MICA. diss			· .	. :		1	1		
_	<u>+</u>	−30-55'V.	Anhyd. veinlet (4 cm)				1					
-		- 55' V.	Mica diss. Anhyd. veinlet (2cm)					· ·		. :		
790		• •	Mary Conder Contract									
///	+	-			. :				· :			
-	+	e-40 v	Anhyd. films			1 - ¹ .						
ī	+	-30 v. wd.					. · ·		1.1.1.1	1.5		
	¥χţ	with small cavity	Cal-Hica-Gyp. filling cracks									
ه. ÷	+									1 - *		
	+	44.4				- .	[¹]		1 ·	ľ		1.
	<u> </u>	←4ð v. ←50~60° fts	Oz. voinhet, reddish oxidized along cracks						[1	1	
-	+	4.45° V					1		I .		1	
·	£	+- 35° v	Anlyd. films									
	+		Mica diss. silicified.				1 14	·				1
-	1		stra ford		1		1.	1 .	1 .	1 .	T - L	1

Drill hole No. : MJZC-- 3 Latitude :

Direction : Longitude : (true north)

Inclination : -Elevation :

- (20

Depth	Core		Mineralization /	Samp.	Depth	Au	T.Cu	S.Cu	Co	Zn	r	(2
(m)	Log.	Lithology	Mineralization / Alteration	No.	(m)	ppm	%	%	%	2n %		:
800												
/		-50 V	Dz-Anhyd verilet (3 im)									
~	+ +	gry. comp. na. Chanile	sillerfied.							-		
·	+ +	\$ somm ±							1.1			
-	+	with Biotite, other mafic	Øz-Anhyd vomlet (3 cm) sillcified. m.									
805.84	+											
		•										
+-												
1												ĺ
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		ж. Талана (1997)										
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4	· *						:				:	
-								:				
		- B-								·	<u> </u>	

Drill hole No. : MJZC - 4Latitude : 12°41' 49" \$ Direction : _____ (true north) Longitude: 28°05'56" E

Inclination $:-q_0$. Elevation : 1234.2m

epth m)	Core Log.	Lithology	Mine Alter	eralizat ation	ion /		Sanip. No.	Dep (m)		Au ppm	T.Cu %	S.Cu %	Co %	Zn %			
01n	L	≪ Cuttings≫													-	T	
-		reddish brown						÷.,	• •		· .		ана 19				
7	L	LATERITE		÷													
	L	clayey															
5m																	
	L					:											
	L																
	L	i															
0m	L.											1					
_	L										1						
•										1				1		l	
_		wall and have											1				
		yellowish brown weathered												1			
15m	1.1	chayey								÷ .							
-	1.	SANDSTONE								1							
-	j. 1																
	ï. :																
- 20m	[].].	:					1				1						۰.
<u></u>	·						1				1		1				
-	[] []						1				···	•					
-	1. l' :						1							1			
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25 <u>m</u>] !												[
	++ +. 																
_	, ¹ , , , ,		1							1							
_													l .				
-							- ·										
30m_	₽ <u></u> -											1				ł	
-	 . ∙	brown								1							
-	·	coarse arkose].			
	ŀ.'	arkose SANPSTONE				•											
	- · ·					•										1.	
35m	. .													1			
-	+:	-					1					1					
-	- 11. ⁻ 1	trown clayey															
	1 !	medium SANDSTONE						.									
40m	- · · !	SANDSTONE				· . ·							1				
	1,1	•]				1					
	1. !				÷			· ·	,					:			
	†	uellouish brain															
		yellowish brown clayey															
-15m] '!	fine medium	· ·						:			÷ .			:		•
]!: !	SANDSTONE					ľ										
] :				÷					· ·						.	
	 - 		1 :														
		, yel. brwn. niedi, SANDSTONE with feld. mica						[·	÷								
50m		with feld. mica						1		·		. I .					

		ill hole No. : MJZC .titude:	2-4 Directi Longitu		(tru	e north)	Inclin Eleva	ation ition	:- :	•			
Depth (m)	Core Log.	Lithology	Mineralizat Alteration	ion /	Samp No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %		
50m 		yellowish brown medium SANDSTONE with feld, mica							· · · · · · · · · · · · · · · · · · ·				
55m		yellowish gray felolspathic with mica											
60m		lost water											
- 65m		lost water circulation Non cuttings		 									
													-
70m												:	
75m													
-				: ;									
80 <u>m</u>													
				· .									
85 <u>m</u> -		white, fine QUARTZITE 5~10° b. with thin ang.	↓ «Coring» pxdiss. blebs								- -	-	
90m		layer convolute lamination	calcitisation - small	vuq				з.					
Σ		convolute lamination +15" giy, soft arg.loyer a.2m						1 e					
95m	I	PM thin layer		· · ·							•		
8		olive gray ARGILLITE with thin QZT	px w. diss.		·	• • • • • •							
100m -		layer								•			

Drill hole No. : MJZC-4 Latitude 1

Direction : Longitude : (true north)

Inclination : --Elevation :

(2)

					المحاصر ومرجعت والالارا والمراجع							(3
Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp. No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %		
100m		grnish. gry										
-		v. comp. hd. AGL	calcilisation		· · .							
-			calcilisation py. w. diss. in fractures		м. П. 1							·
~												
105119		-15°b. load str.	py. diss along bedding plane									
100	7-7	siliceous			:							
-	77	DOLOMITE v.comp. hd.										
	ZZ											
-	77	with thin ang-layer convolute laministion										
110m	///		py diss.									1
110m	1-1-1-	←5~10° b.	\$1				. •					
•	747	thin ang-layers convoluted	· · · · ·			1			ł		• •	
	747	convoluted								· ·	ļ	
_	747								ł			
-	Z=Z											
115m	ZĘŢ.	· · ·										1
~	77		· · ·					· ·				
-	<u> </u>	e-5~10°b. convoluted							1	1 · .		
	777	convoluted	PX. blebs along bedding plane									1
+	15						[- 14				
120m	7-7					1	<u> </u>	.		· .		
-	777	←10°b. White siliceous ĐM			· ·							
-	77	siliceous <i>PM</i>										1
<u>.</u>	IT.	10.	f. px. w. diss.									
.4	77	small sheared fr.	f. px. w. diss. v. f. mica contained						·			
125m	77											
	17			· · .					1			ł
_	77								·	-		
_	T_{T}								ļ .			
_		sheared soft clause										
130m	17	sheared soft clayey (20 cm) Convolute lamination	py. diss. along b-p.									· .
	T_{f}	convoluce lamination	: :									
_	<u> </u>											
_	77				N.							
	77											
135m	1	with ang-layers									1 .	
.4	g <u>r</u>	small vug rich										
-	रिक्षेत	small vug rich crystalline BH sheared	:									
-	芦子	1	py. diss. along layer									
	27	white .v. comp. hd. siliceones PM]				1
1-10m	77	anound but								1.		
	7-7	with ang-layers		ł		1 ·						
· 2 · 9_		olive gray AGL with DM thin DH lugers		1 :								
·/_ -3		DM thin DH layers									1	
-		vi comp. hd. with thin tale layer				1 :	· ·	1				
1.J5m		+-10° b. AGh, laminated	dolomite inregular veinlets px w. diss.		5 - S				· · · ·			
,3		whitish gray	[17. w. 015).					· ·	ĺ		·	:
		dolomitic AGL.		ł								:
-		e-flat k. olive ong-beds							1			
-		and the second second	olive green scapy clay layer				·	1 :	· ·			
	annin tatua	J .	and south crad when		1 ·	1.1	1.	1	1 .	1	1	

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Drill hole No. : MJZC-4-Latitude :

Direction : Longitude : (true north)

Inclination : -Elevation :

.

Depth	Coro		Minoralization	Samp.	Depth	Au	T.Cu	S.Cu	Co	Zn		(4-
(m)	Log.	Lithology	Mineralization / Alteration	No.	(m)	ppm	%	%	%	%		and all and the line of the line of the line of the line of the line of the line of the line of the line of the
150m		dank gray~black SHALE, v.comp. hd.	py. diss. along b-p.									
-	4	-10'b.	dolomite veinlets py.bandu(2~5mm) vich ~10°									
· ·	Contractory		with brudinage, irregular veinkt									
155m	RA	convolution lamination										
-												
-	7107	←5° \$.	dolomite veinlets, bands rich									
۵.		white DM > AGI (alive are)										
- 160m		DM≥AGL(olive gry.) thinly interbedded comp. massive, hd.										
	777	comp, masive, MA.										
۰.	1 <u>-</u> /- 7 <u>-</u> 7	←-iv*b.	py. diss.									
 	747	silicenes PM with any-layers							:			
165m	474	←5°b.										
.8	777	conv lamina	dolomite sogregation veintets cut convoluted silicified part (20cm) lange px crystols diss. partly									
	$\frac{7}{7}$	whi. sil. PM. hd.	large px crystols diss. partly	<u></u>								
	迎	fractured DH. 5°b.										
170m		olive give ang-pantings interbedded DH-AGL		}				:			:	
	运	(locm±order)										
- 	T_{T}	~10°1 ÐM > AGL										
· · ·	\overline{T}									1	.	
175m	迂											
140 <u>m</u> .8,	$\frac{1}{1-1}$										· · .	
• • • •	7	interbedded DM-AGL every 5-20 cm										
	<u>É7</u>											
	22	(many thin (5-10cm) (Ho rich part (Gab?) (wrtained, 45, b.										
180m_	7	1 Loog 102 source										
.8	E.	V dolomite spot (lemt)	A second s									
-	14		py. banded partly									
-	<u> </u>	1										
185 <u>m</u>					· · ·							
	 	dark grn,~ gry. AGL. with callareous										·
-	<u> </u>	thin layers & dol-			* s				-			
	<u> </u> 	spot	py. banded partly						·			
190 a		к-10° b,								·	· ·	
	<u> </u>											
-	<u></u>											
195 <u>m</u>		-7°b. grnish gry AGL										2.0
•	[<u> </u>	-7°b. grnish gry AGL. comp. massive										
. •		cal	brownish Cal. films +5						1			
					1					· ·		
200m		with dol-layers			<u> </u>					<u> </u>	1	<u> </u>

(true north) Drill hole No. : MJZC-4 Direction : Latitude : Longitude :

Inclination :---Elevation :

(5)

				1	1		Г	<u> </u>	1		r	
Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp. No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %		÷.,
200m		ACTL with dol-layers		1								
-		oxide in del-layer			14	· ·						
-	···	+-5°						[1]
-	$-\frac{1}{7}$											· 1
_	747	white comp. hd. PM with ang-layers										
205m -	7 <u>-</u> 7	Pri win wig logers			1 - 1 - 1 - 1			1. A.				
-	747											
-	$\overline{r_{T}}$	- N	•							·		
	T_{f}	recrystallized PM							· ·			
-	I.,I	pink-white comp massive hd.						1		÷.,		
	T_{T}										· ·	
210m	$T_{f}T$:	1.1
	171	with this ang-layers										
-	病		1.1.1.1.						· ·			
	为护	- s ⁴ 1	calcite veinkts									
	4	with ang-partings interbedded	py. w. diss.						·		1 .	
	77	inter bedded			ļ			· ·				
916			1	1	ļ					. :	ļ ·	
215m	<u>(</u>	e-5°b.						1.1		· .		
ت	$4u^{\prime}$		calcite veintete	[· · ·		1	1				<u>.</u>	
	n m	fine , comp. hd. DM		1		1						
-	77	I have a substant prof	· · ·			1	1]		ъ.		
	T,T		1			1				i .	1.	· ·
	ΤĹ	«-10						1		· .	l	1
220m	<u> </u>	genish gry, comp. hd.	py. diss.			1	1 ¹ .					1 :
		AGL.	py-Oz. irregular veinlets			1						
-			IN Low medicing remiser	1	ľ ·	1						
-2	77	upite silvani Ald				1				ľ.		Ľ -
	<u>, /</u>	white siliceous DM massive hd.		1								
7_	//											
225 m	#¥	-10 b.	Qz-dol-py. veinlets							· · .		
		lark gry SHALE laminated					i .					
												•
-		with dol-part						· ·		· '		
-					4							1.
		←10 b,					i				. ·	
230m	818	e-i0~15	silicious irregular bands/spot				· .		· ·			
-	$\sim \sim$		with poudinage	1						- a		Í
-	÷-1-;	whigry massive DM. with ang-layers		· ·								
-	ma	conv. lamina								1		l ·
· · _		dank giv SHALE				1			1		·	
• .	<u></u>	dolomitic AGL.	1		1	1			{			1
- 235 m		dank gry ~ black		ł	1	1			1			
້ະບຸດຫຼື		laminated SHALE	silica spot contained	1		1			1			
<u>.</u>	<i>r=</i> 2	-10° h.	py. w. diss.	1	1			.	<u> </u> .	1		
-	7-,7	giy, massive fine vnuddy DM.		1					1	1		ł
	<i>I=T</i> ;							1	1			1
-	77	whi. massive				1]. '	1		Ľ		
-	I'I	whi. massive crystallized DH.				1			1	· .		
240m	TT			· ·			·	1			1	
	757	changed the class F	Silica spot contained		· ·		1.1		
-2	77	silearcent, white only sch	r IV	· ·	1		1		1 .			1
-	$\frac{1}{1}$		· ·			1	. .			1		
	$\overline{T}^{\prime}\overline{T}$	grnish ang-pantings		Į · .					1	· ·		
- 0.15	T_{T}	an an tha an an an an an an an an an an an an an		.					- · ·	· ·	1 · · ·	
245 <u>m</u>	77	······································			1						·	1
-	777		reddish brown Oxidized			1	1 · · ·	ł	1		ļ ·	1
	74		(weathering)					1	1.			
	74			.		:						1.
	$\pm \pm$:	1		1				
. •••	4		- visiliceous (cherty) irreg. band, spot					ł	1.		1	
250m	1.22/	-10th grn ang-posting 20cm	t contained			Ľ					· ·	

Drill hole No. : MJZC-4 Latitude : Direction : Longitude : (true north)

Inclination : — Elevation :

÷ •												(6)
Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %		
250m	7_7 757	brownish white massive. DM, with stylolite, silicaous spot contained										-it-timety
-3 - -9	I de Marine Marine	3mish giy arg-bed zocm white ~colorless chertyr.	- with inegular boundary of H/W & F/W, like veinlet									
255 m	I I For	fractured BM							·			
-	TT TT	fractured DM with vugs oxidized	wearthering along fractione									
-	T_T minum	V. comp. hd. DH.	oxidized									
260 <u>m</u>	ningran rituma	while gry. DM stylolite rich	irreg. Oz vein (5cm) with vug									,
	mon	45° k	22 filling inequlary becciented part fine py. thinly laminated									
265m	nynhayn marfanna							_				
5	1-1	DH-AGL -20 b. thinly interbedded								1		
.5		est. while app ang - DM massive										
270m		stylolite sich -5-flat b	fine py diss.									
275m										:		
-	Kar Ser		longoly orgistallized Q2((a))									
-		(la)	longoly crystallized Qz((al) irreg. veinlet with small rugs									
280m		e-flat b.	oxidized (lime.diss) partly									
		channel Dave I	limonite, Iron-oxide m. diss.									
285m		sheared, oxidized gray fine, hand SS. dolomitic upper part	IMONIC, HON-OXIAL M. diss.									
-		t flat, muddy layer	Segregation CalHem. irreg. films								н. -	
-	<u> </u>											
290 <u>m</u>		en flat b.	cal. films								1. ¹ .	
-		angillaceous hard \$\$										
8. 205 m		e-so fractures with slickenside fine hard SS massive										
295 <u>m</u>												
-		-20°b. lowinated indistinct	segregation Qz films									
300m							<u> </u>			<u> </u>		

Drill hole No. : MJZC-4	Direction :	(true north)	Inclination : - *	
Latitude :	Longitude :	· · · · · · · · · · · · · · · · · · ·	Elevation :	

Depth (m)	Core Log.	Lithology	Mineralization	on /	Samp. No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %			
300m		914. hand \$\$.												
]		•/								-				
-						:								
305m	· · ·													
		with muddy layers												
Ă				-									• •	
.e 310m_		•) v. strongly silicified											
		e-20° muddy lamina												
,9	· · · ·	-30° fractures - with	limocarbonate m.			•								
-	····· · · ·													
315m			cal. films											
010	··/	-				·				 .				
		-10 fractures - with	Carbonate m.			·								
	:	- 10 fractures - with + 00 fractures - with + - flat. b. medium a coanse partly									1			
։ 320m		portly												
	<u> </u>			L						н. н. С				
-	<u>×</u> 		confirmate - mica veinte Crietwork)	le, Vuggy					ł					
-	ΞŢ.		,									· .		
- 325m		flat												
1	7.5.					. *		:				· .		
-	- - - - -	like QZT partly										2		
Ļ														
 330m	<u>-</u> [· · · ·										а 1945 г.	ĺ
-		. 1.1												
-	1.	←-f at					- 1							
-	Ţ.Ś.Ţ					•					: :			
335m		wedium hand SS. muddy layer pour												
1														
-		partly QZT.					· ·							
-	 -													
340m				:									- -	
~						:								÷.,
-		e-flat		:		-				· .				
 -		n-si" fractures with	Hem (Specularite), slicke	nside								1		
345m														1
-														
-		ginish gry hand SS.												
		-30-60 fractures with	slickenside					• • •	. •	· ·	× .			
350m								·	1				· ·	J

Drill hole No. : MJZC- 4-Latitude :

Direction : Longitude : (true north)

Inclination : -Elevation :

		· · · · · · · · · · · · · · · · · · ·			······						(୪)
Depth (m)	Core Log.	l lifhologu	Mineralization / Alteration	Samp No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn 96	
350m	X: _X	•	dolomite films								
:	<u></u>	e-25° with ang-layers									
355m	* 4 * 1	arg-hd.55	slickenside								
		est h muddy laminar -so fr -slickenside									
360-n_	× ×	-50° fr - slickanstde									
		gry. massive fine hand \$\$.									
- 365m		- 15' - 60' - 60' frs-slickenside									
-		← 40° b. mdy. lamina ← 50° frslickenside									.
								E.			
370m -		e-50°fr-Slickenside			4 						
	- 	- 35° indistinct lamina						:			
- 375 <u>m</u>		fractured ang-locyers'	Qz-Mica-Carb, ineg. veintete (network)								
1	<u> </u>	grnish grn Fine, hand \$\$									
380m	X.	pale grn. v. ump, massive	· .								
-	\. \.X	medium hand \$\$	Q.2- Mica integ. patches~films								
-	£ 9.	e-45' lamina, poor e-35' Indistinct lamina									
385 <u>m</u> .7	X. i./	+ss-slickenside GAB									
-	公	black, v. comp. hd. mossive altered GABBRO	white attered feldspan grn. attered mefic m.		•						
390 <u>n</u>	N	2mm± crystals							-		
			- 4 6		2						
395m	影		Dol. films		-		• • •				 1 . ^{1 .} .
	察		Pol-Micon network								
400m	K			- N							

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Drill hole No. : MJZC-4 Latitude :

Direction : Longitude : (true north)

Inclination : -Elevation :

		Longrode			,					(9)	
Depth Co (m) Lo	l lithology l	Mineralization / Alteration	Samp. No.	Depth (m)	Au ppm	T.Cu . %	S.Cu %	Co %	Zn %	 	-
400m	black altered CiABBRO										
405m		DolPy. veinlets (network)							-	-	
文学校								1 .			
410m (小) (小)	veinlets Te-65 vein-slickenside	pol, veinlets pol, (Hica) vein (wd. 5cm)									
415m		Dol. veinlete (metivork)									
		· · · · · · · · · · · · · · · · · · ·					2			- 	
420m4	white altered GAB	v.strongly silicified									
	Yele os sheared fr. Hireg, mdy.lamina	slikkenside with graday m. Qz. irreg. vemlets									
425m	hd. \$\$ like 27							· .			
430m											
1 + œ	white attered helps and az vein	v.stungly silicified									
435m	irregulary contained										
	ss fra gry. hd. SS. Whi. silicified rock	1 denote all silver line									
440m	60° vain	v. strongly silicified @z. irreg. veinlets 									
445m 0	pinkish CG-L OZT pebbles \$1.2.cm downamt \$2.000 micaceous matrix	pink- brownish oxidized irregulary silicified partly									
2000 (N)	V. comp hd, With yellow, sdy With gra clayay matrix rich										
450m	S with gin clayay matrix	102. Integ. vernices		1.							

Drill hole No, : MJZC-4 Latitude :

Direction : Longitude : (true north)

Inclination : --Elevation :

	Longitude :			Eleva		•				11.
Douth Cara		10		1	100	0.0				(0)
Depth Core (m) Log. Lithology	Mineralization / Alteration	Samp.	Depth	Au	T.Cu %	S.Cu	Co	Zn		
450mg 24 0 2		No.	(m)	թլող	70	%	%	%		
1000 grn - brownish CGL.				·						
giy QzT										
455 whi~gry altered rock								ŀ		
455m - 238. mais house a mark having		· ·								
- K. A. Soshemed fr.	v. silicified									
fractured	et street test								· .	
	· · · ·	1								
indistinct stylolite?										
400m whi- 97 Q2T							I .			
- sil.hd \$\$							'			
the ds' sheared fr.										
465m sheared fr.										
White work										. 1
30 k my layer	Hica diss.									
gin AGh.	Hica diss. Carls (dol)-Hica-Qr, Vusgy preciated by alteration									
					}					
470m X grn. clayey massive	Anhydrite (spot-veinlet)		· · · ·							
ATUM A Meccane	grin. clay									
						ļ		· .		
		· ·								
475m										
								· · ·.		
	Anhyd. patch - byen rich									Ì
- 3 b laminated										
480m										·
40° Jamina										1
dh.gry. AGL.										
dh. gry. ABrL. — ndy. massive	An by d. patch weinlet contained									
										I
485 <u>a</u>	· · · ·									·
										· [
		.								
490m										· 1
.825	1.1.1.+1.+1. I									. 1
	Ankyd. patch contained in PM		*	.				:		
		:								
with dol-layers										
deformed lamina										
					1				 25	
500m	Anhyd. veinlete				ал 19			•		
	L	ليسميا		L	~ <u></u>			L	i	

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Drill hole No. : MJZC-4	Direction : (true north	i) Inclination :
Latitude :	Longitude :	Elevation :

		rill hole No. 1 MJZC utitude :	- 4 Direction : Longitude :		e north)	Eleva	ation tion	:			۰	de
Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %		<u>(</u>
500m		-20' deformed kamina	Anhyd. small patch py. w. diss.					······				
ىئى	天	e-20th landna Grn AQL	Q2-dol-veintets						·			
	菠									1		
		with itteg dol-parting (30 cm)	water escape structure of DH-AGL									
505 <u>m</u> -		dk, gin. massive sdy - AGL	punplish coarse crystallizeol Anhyd. vemlets ~patches							n de la composition de la comp		
-	22	dk.yel.grn micaceous										
.9_	22	whi. mass. DH parting	Mica diss. in DM.									
510m	/x *	-35% lamina	11.cv 800 m 0.1				ļ					
-		massive soly-AGL. dk.gm. basic	Anhyd, - Dol. patihes									
-												
-		x-30°h lamina comp.hd.		:			·					
5]5m		· · · ·										
-		-25b Jamina										
-	[. ·								
-	x 7				: .						1 A	
520 <u>m</u>	ا		Anhyd(pol) veinlets									
-	贷	= 25° b. Jamina										
		-zo b. thinly interbedded with sil-dol-layurs										
cor .		with sil-dol-layurs				· .						
525 m_	K y							ł				
	' '					ł						
-	↓ <u></u>	14							×.			
-		dk.gen. v. comp. hd. mussive soly-AGL										
530m	-1-		• •				:					
	经											
-	坻	1	Pol-Bio-Anhyd, veinlets									
-	177	6-30° b. sil-dol-lamina										
535m	区		9 h									
-		+30 k visil-cos.ss. thin layers	Py. w. diss.									
-	K}						·					
-	14-					1			* -			
5:10m	X	with sil-del-irreg. patches										
0-10111 	μ,				· · ·			1° .			· .	1° -
		<-25°b, laminated with sil-dol-layars	Pol-Anhyd vemlet								· · .	
-	Ľ₹Ž	sil-act-rayers					·	1				
	ľ×,									••••		
545 <u>m</u>	<u> </u>	-30 b. sil-dol·layers	Py. w. diss,					1 · ·				
-	Į,							·				
-	De la	preceivated by network	Dol-Anhyd verifets (network)									
-	F V		py. diss.						· · .	1.		
550m	X			<u> </u>	<u> </u>	L	<u> </u>	Ľ	L		<u> </u>	
			· · · · · · · · ·	- 50				·				

		· .				
Drill hole No. : MJZC - 4	Direction :	(true north)	Inclination	:	•	
Latitude :	Longitude :	ан на селото на селото на селото на селото на селото на селото на селото на селото на селото на селото на селот	Elevation	;		
			· · · · · · · · · · · · · · · · · · ·		·····	

David	0				Danth	1 4	T.Cu	S.Cu	<u> </u>	7.,	Ţ
Depth (m)	Core Log,	Lithology	Mineralization / Alteration	Samp. No.	Depth (m)	Au ppm	7.Cu %	3.Cu %	Co %	Zn %	
550m -	7	dk.gm. sdy-A6L.	Dol-Anhyd. veinlets								
J_	$\frac{\lambda}{\gamma}$	-5°b. Whi, mass. DM.	By diss in AGL & DM.								
.4 555m	袤	dR.grn. dol-AGL.									
-	₹₹	comp. hd. with dol-spot -20" integ. lamina									
-	Ž	-10"									
.7 560m	77	whi mass. crystallized									
5000		ÐЩ	Hica-Py diss in DM								
		pale gra. dol-AGL massive	with white dol-dot								
- 565m	<u>E</u>	with thin DM partings (20 cm)	Pol-Antyd veinfets		· .						
000 <u>m</u> .7	1-1-1 7-7	whi. crystallized DM Irregular parting	Mica in DM, Py. w. diss.								
.4	x Å	grn. doj-Alik massive hd.	Pol. irreg. patch dominant in AGL.								
-	(文)	-25 b. lamina	Pol-Anhyd veinlets								
570 <u>m</u>	12:22		irreg.lens reinlet . Anhyd-Bol Sk.yel. Hica diss. in BH					2			
_		-25"; Josminated dol-layere	BR.yel. Mica 435. in BM								
-		interbedded DM-AGL									
575m		Dry ponting (40cm) dk.yel.grn. v. micaceous	Micace nuo								
	授礼	ginish gry, v.comp. hd. conv. lamina	Auhyd. veinlets (network)				- - -				
- 580m	X										
200 <u>11</u>	X H	conv.					-				
. -	X1	irregulary precivated lamina - water escape structure t with Anlyd.									
585m	唑	conv. +25° b. Jaminatod Sil-OH.									
· · ·	LAN RANK	dul-AGL iney lamina (conv.)	Anhyd. dominant				:				
·		broken by water escape 214, comp. hd dol-HGL	Dol. dominant Mica - fy. diss.		•						
590m		veinlet -45° Janing	588.40, 588.70 Cp. w. diss. 588.70, 588.90 Cp. py. Hica-Dol irreg. veinlet (0.5~1cm)								
.2		whi. comp. BH =25°b. lamina	Hica-Py diss, partly (40cm) in DH								
-		gryish white comp. hd. Anhyd. rich: DM	589,50,589,60 DJ-Hica-(J-Py irreg vemlet (3cm±) Anhydritization								
595 <u>m</u>	1,1 1,7 1,7 1,1	-30°b micacence lamina	py. diss. strongly								
-		thin the SHALE gry. dol - SHALE	596.00-599.30						- 		
		DAL HALE FOURING	596.00-599 30 Qz-Py-Cp vainlets (net work)-dis silica spot includes Cp diss,								
600m	赵	sil-AGL gry-whi.	Str. silicified, Py. diss.		а а. а.					<u> </u>	

Drill hole No. : MJZC-4 Direction : (true north) Inclination :- ' Latitude : Elevation : (13)

			in the second second second second second second second second second second second second second second second	-			· · · · · · · · · · · · · · · · · · ·					((3)	
Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zu 96			.
600m-,		sil-AGL	ystr, silicified	110.								······································	
<u>, 1000 .7</u>	77.		the success						·				1
	7-1	917. ang-PM massive											1
	交合	Wat23146											
	14									- 19 A	·		
.ž 605 m	<u></u>	di ary AGL								·			
-		dk. gry AGL massive											ļ
5			—					1					1
-		pinkish whi. Anhyd - AGL ?	Tstr. Anhyd.										
[. <u>]</u>	1				· · ·	:							
L -	ŁŹ	gry. micaceous AGL.											
610 <u>m</u>	$\overline{+7}$												
	ネ			ł	· ·	· ·	1 a.						
			1							5 J.	•		ł
-		. · · · ·	t str. Anhyd.								:		l
<u> </u> . ►			L ·										
-	<u> </u>	gin AGL	Wacciated by Anhydritization										
615 <u>m</u>	<u>├</u>	dhyel micaceous									:		1
-		1 ' ·	I str. Anhyd. partly									· ·	
	4	-35 dol-lamina			· ·				-	Ì			
ĺ _		massive AGL			· ·						i i		ŀ
i]	dkyel~gm. mica.						i i					ł
620m	$-X_{2}$	-25° dol-lamina											
-	1 TIT		Anhyd. veinkets	•		·						ł	1
-	Δ						· ·		· ·	1	:		
-													
	X-	K-30 lamina											
· -			\$ str. silicified partly (30 cm)									ł	
625m		+-15° dol-lamina										1 ·	
	<u> </u>	do)- AGL, micaceous							· ·	1.1			
		grnish gry AGL	· ·									ł	
		1-35 dol-lamina					1.2						
1 7				,									1
-	{	grn. massive AGL	str. Anhyd (Mica). large lens ric	4									1
630m												1	
_]	
_	<u> </u>						1				· ·		
	<u> </u>		}				İ.	1		1	}	·	ĺ
.5	7-7							1	1		1		
635m	17-7	pryish whi. DM		1									
	FF-	massive with ang-layon	Anhyd. patch ~ vainlet			1.					1	1	1
	<u>μ</u>	whi.crystallized massive		·				1			ľ	1	
-	<u>¦</u> ,	massive					· ·	. -			1	1	
.	11	4	: .		1			1	1			1 .	
.	H_{T}	<u></u>	irregulary Anhydritized	1			1 .		1				
640m	77	-	mind wind a chea				1	1					
1	$T_{T}^{\prime T}$								1				Í
	7.7	massive Lamental			. · .						.	1	1
	14	massive fragmental PM									· ·	1	
^{ه,} ا	F	grn. mass, AGL		1.		1 ·							
c.c.	HF	- Mark	Anhyd-Mica-(py)veinlets						1		1	1	
645 <u>m</u>	$+\tau$	-									·	1.	
.	卡文	dd-AGL	T.t. Ashul II		1	ł					· .	1 · · ·	
·] .	12		Tstr. Anhyd Mica		1	- <u>-</u>					ļ		
.	<u></u>	Whi. mass. arg-BH							· .				
	77					•							
650m	1.00	precipited										·] ·	
ŧ				52									-1

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Drill hole No. : MJZC-4 Direction : Latitude : Longitude :

(true north)

dla

				L		1	a.c.			1 -	r	(//
)epth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp No.	· Depth (m)	Λu ppm	T.Cu %	S.Cu %	Со %	Zn %		
50m.		₽Й		110.								
. 7		<i>4</i> -25°										
•		grn. mass, AGrL.										
		dates to marthe	Anhyd, patch-lens, partly									
655m	<u> </u>	dolomitic partly										
		+ 35 Jamina, indistinct dk.yel, micaceous			· · ·							
		dk grin ngry, mass,									. •	
·	7.77	soly-AGI			· · ·				-			
	<u> </u>	gry. ang-DM	str. Anhyd Mica									
660m	77	1 I DM										
	T/T	whi, anhyd-DM										
.9		gin, dol- AGL										
~	4 54	grin, dol-AGL anhydrilic micacaous onlyd-DM porting	Ankyd. spot									
- 		grn massive .									•	
665m		micaceous AGL	Py. diss,					ł				
-	H-7-7	with soly.(QZT)part										
-	$\chi \chi$	←30°b. dol-layer	Anhyd, veinfats					1.1				
-		1										
- 670m												ł
		gra, comp. hd. ABL									· .	
- -		+30°b. sil-dol-byens										
		6-60° V.	Anhyd-Mica-(py)-(Cp) veinlet									
	77	white micacions DM,										
675m	777	with grn. arg-layer	Anhyd Mica strong. P.Y. W. diss.									
•	1.1	clayey AGL parting	[). w. ass.									
:	777								}			
÷		ginish giy mass, AGL	Anhyd,-Mica patch reinlet									
												1
680iny	77	while micaceous DM.	Andread - Mica path									
÷.		-20°b. 910-914 mass. strimicaceous AGL	Anhyd Mica patch							ļ		
		strimicacions AGeL	v. soapy clayey							}		
<u> </u>	÷.	whitish gry. dol-\$5, medium, soft										
685m	1.1	whi, mass. pM. brecciated								1		
00.38	1-1	pracelonen	str. Anhyd Mica									
	10 7	 € 15* - m ou ot 										
•	272	- 25 b. gin-gry. AGL. p. lanina								1 ·		
690m	• /- 7 •/											ļ
	<u>- /</u>	grn. AGL.										
. –		dh. yel, micaceous - doloritic lamina,	Anhyd, patch						1			
· · •		d'élomitic lamina,										
			ALL AD A			1						
695 <u>m</u>		e-25% Jamina.	Anhyd. liens rich, B. w. diss.			1						
- 		= 20' siliceous lens rich					.					
-		white the basting		ľ	· .		1					
		-2016 Whi. DH. parting lamina dk. gin. solv AGL	AnhydMica.									
	[dk. grn. soly. AGL.	Anhyd. spot rich.		la si si s	`					{ .	1

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Drill hole No. : MJZC – 4Latitude :

Direction : Longitude : (true north)

Inclination : --Elevation :

				·····		Eleva	·					(伤)
(m)	Core Log.	Lithology	Mineralization / Alteration	Samp No.	Depth (m)	Λu ppm	T.Cu %	S.Cu %	Co %	Zn 96		
700m	&	Conv. Ionina Soly. AGL. Massive, micaceous	whitish gry cbuyey, Anhyd patch Py. w. diss.									
- 705m		with sil-sdy layer db, grn, mass. sdy - AGL. Micaceous										-
-		sili-sdy, layer a sili-sdy, layer a micaceous layor	Anhyd, thin lens dominant Px. w. diss.									
8.66 <u>-</u> 710m	Jammed	whi. sill-anhyd. DH.	Px. w. diss.									
1010												
ا۔ ا ان	:											
15 <u>m</u>												
-							·					
20 <u>m</u>												
~ -												
⊷ 												
1 1								-				
30m											· .	
-											ta in	:
35 <u>m</u>												
-					· ·					· ·		
10m												
-												
45 <u>m</u>												
-		· · · · ·										
50m												

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		rill hole No. ; MJZC ntitude;	- 4	Direc Long	tion : itude :		(true	north)		nctin Sleva	ation tion	:	•			
Red	rilling	(Wedging)	 T				- <u> -</u>								ſ <u></u>	-(6)
Depth (m)	Core Log.	Lithology	Mi Alt	neraliza eration	ation	/	Samp No.	Depth (m)	1	Λu ppni	T.Cu %	S.Cu %	Cn %	Zn %		
600m	208.	······					110.	,				~~~				
-		· ·			5 - A	. 1										
		· · ·													. 	
605 m																
. •	•				÷											
-	•				÷											
-																
610 <u>m</u>																
-																
-														•]	
- 615m											•		:			
	14 <u>-</u>							:						. *		
. احد															1	
620 m		1														
020													·		- I	[
-																
			i i										-			·
625 <u>m</u>																
. –																
-																
630m											<u>.</u>					
-							•								10 A.	
· •																
635 <u>m</u>																
-																
-															·	
-			1													
640m																
	•				:								· .			[
·																
					÷ .						-					
645m			-													
ļ													· .			
(47.43		« Wedging».		.												
нн-тэ - Г		≪ Wedging≫ uni. mass. anhyd- DM dh.qin~qrx mass. AGiu	str, Anhydri	Tization	:							ļ.				
650m	. <i>1=1</i> .7=7	ang. DM.	Anhyd, spi	it predom	Inant						-		t			
	-/-/-	1			- 55			· · · · ·	l				L	I,	1	لسندسها

Drill hole No. : MJZC-4 Direction : (true north) Inclination :----Elevation Latitude : : Longitude : (17) Re drilling Depth Core T.Cu S.Cu Co Samp Depth Λu Zn Mineralization / Lithology Alteration % % ppm % (m) -Log. No. (m) % ang - DM. 17.2 650m grn. mass. Alt. while micaceour, sil-DH clastic 191 1 Anhyd. petch gm the AGL 655m grn. dol-mg-SS, 660m DH? str. Mica-Anhydritized 7 micaceous clastic PM -20% yet mica-layer laminated str. Mica ary- PM. yel grn. mica-AGL Anhyd. veinlet 665m -20° dol-sdy-lamina 20%, mdy & QZTic layer laminated thinky Anhyd, dissa lens silicified, fire py. diss, along bedding plane db.grn-gry AGL. 670m Anhyd, vembet with QZT layers ang DH. anhyd-OH, massive whi, PM with Ho, hybrid? ang PH, broken ndy layur 675m/ -water escape structure arg- &H, with Ho. whi, mica-PH, clastic -20 Althe parting, sdy. Anhyd, fens. py. diss. hreg. Qz. vendet. dk.grn-gry sdy-dol-AGL massive 680mg whi. micaceous whi. micaceous w-sil-PM, Anhyd. lens rich Qz-(Anhyd,) vein neg. ven dk.grn. AGL parting sdy-DH, gry. 7. clastic sil-DM Tr Z 685m massive -20°1 sdy-AGL parting DM with Ho, hybridi clastic, mass. mica - sil-DM. py. diss. Anhyd, spot rich 690mz -20% dh.grn. sdy.AGL. Anhyd. patch with dol-part Anhyd tens crystallized langely dol-antyd-AGL 695m silicions layer in AGL. +15% dh.grn.laminated sdy-AGH +15% lamina anhyd-mica-sil: DM Py. w. diss. Anhyd, Lens rich. dk grn.sdy-AGL 700m

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Drill hole No. : MJZC-4

Direction : Longitude : (true north)

Inclination : --Elevation :

· · ·			Longitude .					•			(8)
Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp No.	Depth (m)	Δu ppm	T.Cu %	S.Cu %	Co %	Zn %	(0)
700m		e-20° h. Tamina gry soft, coarse micacerus ang-55. Qzose	Py, w. diz, Anhyd. paték								
- 705m_		-25. QZTúc layer medlum \$3, QZTúc layer								-	
-		grnish ang- 33 -20 laminated mica-ang-layer						-			
	74	whimass. sil-anhyd. DH. - 20° h grnish gry. med. S.S. with mica.	Anhyd, spot-lens. rich								
-		j	Anhyd. fens rich								
715m		-20' micoceoxs layer -20' laminated mica layer dol-anhyd: partly									
-		db. gry. cos, arg-SS. with dol-spot									
720m		-25 laminated dk.grn.medi, mica-arg-55,	Anhyd. patch	•							
		Hach str.mica-ang-SS +25:Kg111.mica-BH.	Bistite rich						-		
725 <u>m</u>		dk.gry.medi avg-mica-\$S. +25 Jamina bk. Sio.rich \$\$,	Antyd, potch					,			
		dk, grn, milca - tremo? rich, unii, anhyd-sil,-micn-PH, bk. Bio, rich #5 +-15 lamina	Anhyd, lens. Anhyd, lens rich in DM.								
730m ⁵		comp. hd. cos. medi. Ozose . SS. with gin. ang-part. dk.gin. sk.mica. SS.									
,# 735m		anhyd,-mlca-ang-w.sif- -DH. bR. ang-Rzose SS. with silica dotalens	Anhyd, lens rich tramolite? rich. tramolite? diss., Anbyd, rich.							-	-
· · · ·		whimass.onlyd-DM.cspot) Hedh.gry. v.hd.comp str.Hica (Bio.) 4-20 Invinated ang-\$5, With ang-layer.	Anhyd. patch		- - - -						
740m.4		4-15; dh. grn, str. Hica angss, claysy									
.4 .3 .4		dk. gry. mica-ang-33. Anhyd-PMz gin. AGL interjeddag									-
745 <u>m</u> .	 	4-15%, bk, mica-ang-55. grinlehgsy, comp. medi-55 with Mica.	Anhyd. lens.								
-		ang-layen vich coniv. lamina mica-ang-\$\$,									
3 750m		grinish. anhyd-DH. mica-ES. -15" I. with gin asg-layer	tremolite? rich Anhyd, lens-spot Anhyd, patch ~ diss.								

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5 W) I M	, wing h		<i>a a a a a a a a a a</i>			1.1
Driff hole No.	: мјzс-4	Direction :	(true north)	Inclination :	• • •	
Latitude :	1	Longitude :	the second second	Elevation :	1 ⁴ 1	

pth n)	Core Log.	Lithology	Mineralization / Alteration	Samp. No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Со %	Zn %		a dia Dia
5		graich gir ang. 55 + 20-25'. bi intr brodded curry. Comma with ang - layer.	Hematitization									سندیم دید. ۲
1	2.2	conv. Comina with any -	Anhyd. veinfsta patch			· ·	1 .	· · .				
٦		cos refine gra, ang. 35,										
1									: .			
Ľ.												
	and the	Anhyd. Lens (20 cm)	· · · ·									
		unix lamina grn. ang-35. interbedded with ang-										
-	受け	interbedded with ang-						5. 				
•		10 sinterval - 1 con ±						÷ .				
-		medi. 55. with this ang-layons	Anhyd. thin lens.								. -	
o		Ih . mass. comp	7							1 a. e.		
م ه		grn. laminated ang-SS. 4-15"k,										
-	22						ļ					
-		interbedded with gm AGL +15%										
•									a a			
							а — к					
÷.		qm. coft AGL. mass. with SA. layer Issegulary									1	
	······································		Aubul small ath					÷.				· · ·
-		+10% laminated	Anhyd. small patch				1					
		whit where whet me							ļ ·		1	
0 <u>.8</u> .		whi. mica-anhyd DH		·						1.		
و. 	·	genish gey. ang-sis with generary-layer	a but note						· .			
.3	·		Anlyd, patch							1		•
-	***	db. grn. sdy-AGL -10° with sdy. loyer	piller structure					а. С				
-												
		whill \$5 parting				÷.,						
1										2		r E
2		e-st, lamina	·			ł	[· .	5.		
÷		while gry. ang- 55 gen. AGL.		· ·						t.		
		gin. AGL. +5% interbadded with \$5. thinly	Anhyd. patch									
<u>)</u>			· · ·									
-								н. 1				
3						1				·	- 	
-		whi QZT ~gry. mg-55							:			
.1		1	And we teh	1						1 * *		
•		-10°b. lamina	Anhyd, patch				÷.				l :-	
	<u></u>										•	
		pale grn sdy-AGL.				1 1 1			: •		· · .	
-	· 	L1			:							
+		dk. grn. ~ gry. AGL with cos.~ medi. sand grain (grit)			:	1					l .	ŀ
o		grain (grit)						· ·	· · ·		1	
-			Anhyd, patch			- · ·			. .			1
_	·····								· .			
-	- <u></u>	+15% aminated		1				1			1	
÷							.					· .
1	*	-10% whi. AZT LATUR		1 ·							·	
		(20 cm)]		1					1 · ·
-	·····	with say part irrequiry				ļ						
					!	[· .				.	
_	1.1.1.1	with @27 thin layor		· · ·] .		. .			1	
0							<u> </u>	1	<u> </u>	L		1

		rill hole No. : MJZC atitude:	- 4. Direction : Longitude :	(true	north)	Inclir Eleva	ation tion	: -	•			
	-			NR		<u></u>						(20
Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %		
800		with living, Oztic S.S.		1								
,5 		as's QZ7. parting										
- 		dk. grn a gringry AGL interbedded thinly with @zyic. SS.	Anhyd, patch								:	
		~5'k										
810_ -		mdy, lamina broken by irreg, sdy. part like	Vein								1	
-		€∽10°Þ.										
5		dk. grn. sdy. AQL. mass. gm.gy. medincos. ang - SS. partly pubbly	w-sil.									
.2		AG-Li										
-			Anhyd - silicified partly									-
920 3		+10°k lawina dh grm. mass. Alt. sith. dol-dot										
	$\frac{1}{1}$	whi mass, w-sil - DM. with ang-layer & ~-10°b. Arrhyd. lens	Anhyd.patch									
	$\frac{1}{7}$	-107. arg-anhyd.fens	Anhyd. lens						-			
		conv. lamina in DH with pale grn, integ.org-lays & silicaous integ. lens	*									
-	77 77 77		Anhyd. patch 826,50,832,2± small Cp-Py, diss.									
830_	1,7	+-so lamina +-zo lamina			· .							:
-	1 -1 1 -1 7 -5	pale gen, clayayarg-layer sil-lens,	Anhyd. levs		· .							
- -	Fo-1 Rein	convilan. dk. grn. mich Afl	Annya, palen									
1 1 1 1 1		thigy, dd-AGL K-15 & DM with ang layer - th.gry. soy. AGC BH-Sillea	- with dish structure									
	2220-497-1	dR. giy micacenes ang-QZT. comp.hd,	An hyd. patch						-			
یہ . +		with sil-lens doi.loyer esth ang-layers sil-dol-spot aleas										
840		mica-ang-layer sil-layer dol-QZT										
1		-10°b Hz. arg-layer dol-arg-lens +10°b. having arg-55, with arg-dol-byer										
-		thinly Interbedded see mica-ang-DM	Anhyd. lens							10		
		hd. micaceous SS -10%, interbadded with AGL 1~2 cm order								· .		
	<u>w.</u> w.z	In 2 cm order whi. QZT. interbedded with wide thin dd. gm.mica-A&L	ł .			1		1	1	1	ł	1

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Drill hole No. : MJZC-4 Latitude :

Direction : Longitude : (true north)

Inclination : --Elevation :

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Depth	Core	Lithology	Mineralization / Alteration	Samp.	Depth	Au	T.Cu	S.Cu	Co	Zn		
(m)	Log.	and the second second second second second second second second second second second second second second second	Alteration	No.	(m)	ppm	%	%	%	%		
850	હ્યું હ	whigry QZT. conv. laning	:									
-		to k lamina										
νê	11 11 11 11 11 11 11 11 11 11 11 11 11 1	dol- 35 with ano mica-	conv. faminated									
-	<u></u>	Lonu ia. -30 h. AGL. lower dol- SS with any-mica- -10 h. ang layer loyers -15 h ang layer	CONV, KANINALIKA									ľ
	主法								1			
•-1	200	dol-\$5. with mica ang byon										
			1. 1						·			
.5	1. 	dk. 974 comp. v. hd. Sdy. SHALE										
860		dol-is. conv. lamina +15-6 DH parting (20cm)	sh. milacuour									ŀ
		R. gix comp. saly-SHALE										
-	-4	dol-mica-ss alternation of sHALE-dol-ss-DH						l ·				
		SHALE-dol-5\$-DH							. 			
-			v.poor Antiyd, in DM									
•	7,000 7,000	with say thin layers										
		whi.sdymica-DM.(45cm)										
		dol- 55, (20cm)	By diss, along bedding plane sil-dol, vemlet			ł		1				
ž	77	dk. gry-bk. SHALE v. comp. hd.	Py. w. diss.				ļ					
-	<u> </u>	tolo whi-gry. soly-mica-DM.			ľ							
870_		~ whi QZT very hd									}	1
-		rick ang-layer	Py. w. diss.									· ·
-									· ·			
-		whi Qz7	- -									
-		whi. QZT "Upper QZT"										
•		with dk. gry. ang-layer				:	1 :					
÷		micaceous Q27	Py. w. diss.									
-	·								ļ .			
-												
860												
		·										
-		-5 dk gry ang layer (2cm								l ·		
-		-14 nica-arg-layers							2			
-		dol-mica-Q2.T.	Anhyd. small spot									
-	-4	arg-35 with dol-patch										
		dh. giyagin. giy dol- 55										
-		dol- 55	S									
-		-10 lamina										
-		dol-35.										
890		the grn-gry arg-dol-SS.									1.00	
•	277 .+	whisdy. DH parting (30cm)							. .			
		graish gry. comp. hd.										
•		\$\$~ mica-arg-QZT. +10 lamina								1		ł
-		arg-dol-Q2.T	Anhyd. Jens ~ patch		1						:	
	<u> </u>							· ·			· .	
-		-15" ang-lawina.								:		
-	::::; ::::;	hing dolazy -ACI -	interboddod think									
904		whigty dol-AZT -AGL -	L	_	L							

Drill hole No. : MJZC-4. Latitude : Direction : Longitude : (true north)

Inclination : --Elevation :

6	epth	Core	1 '											
-		1.1	Lithology	Mineralization /	Samp.	Depth	Au	T.Cu	S.Cu	Co	Zn			
/	m) 60	Log.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Alteration	No.	. (m)	ppm	%	%	%	%			
	.+		dol-Q2T											
ŀ			dk gry Atri parting (20cm)				Sample No.	Depth	T-I	iu AS-C	u T-Co	AS-Co	Ni	Zn
	-		-15 lowing	Anhyd. Jens	ļ				(n)		x x	×	ppa	ppe
9	03.7			Anhyd Irrag. film Cpour)		/	KC 15105 KC 15106	913, 94-91 914, 44-91	<u></u>			<0.01 <0.01	39. 35	26 22
			914. V. comp. hd. Q.27. "H/W QZT"	Annya, mgi tim chart	Ì	/	KC 15107	914.94-91			· · · · ·	<0.01	24	14
	 I		pinkish whi, partly				XC 15108	915. 11-91				<0.01	30	19
	ţ	<u></u>	mica-ang-layors				XC 15109	915. 91-91	6. 11 <0.	01 <0.0	1 <0.01	<0.01	25	31
			+ 804 mish giy Ang- Rzj + 15t gin ang-layer itch	Anhyd veinlet			KC 15110	916, 44-91	6.91 <0.	01 <0.0	<0.01	<0.01	19	12
	_	<u> </u>		· · ·			KC 15111	916. 94-91				<0.01	18	23
91	0	<u> </u>	grnish ang-Q27 comp. hd.	Anhyd. lens.			KC 15112. KC 15113	917. 44-91 917. 44-91			·	<0.01 <0.01	34 : 22	26
<i>"</i>	• <u>-</u>		ersigen ang layers				KC 15114	918.44-91		<u></u>		<0.01	_33 43	28 33
	1					·/ ·	KC 15115	918.94-91				(0.01	36	28
	. 1		medincos. (gritty partly) 22T with Bio.		1	/	XC 15116	919, 44-91	9, 91 <0.	01 <0.0	1 <0.01	<0.01	46	.30
	-		to cos any QZT (gritty)			/	KC 15117	919, 94-92	0.41 <0,	01 <0.0	0.01	<0.01	74 :	28
-1	~	ينين بنين مرتبين					XC-15118	920. 44-92				<0.01	63	30
[4-10 dh.g.m.arg-layers whi. @2-7. with Bio.				KC 15119	920. 91-92				<0.01	56	32
	· -1		gry granule CGL				KC 15120 KC 15121	921. 44-92 921. 94-92				<0.01	56 54	29 33
		is and	Subangular Subrounded	Anhyd, filling matrix, silicified			XC 15121	922. 44-92		-	- [<0.01	48	40
	-	HIGHLEY	interbeddad 				KC 15123	922.91-92				<0.01	48	26
	-		-15. dk. 917. SHALE & ang-strustaceous S.S. 4-15.				KC 15124	923. 44-92	3. 94 <0.	01 <0.0	<0.01	<0.01	59	35
92	20 _		dk. gry.				KC 15125	923. 91-92	1. 14 <0.	01 <0.0	<0.01	<0.01	47	. 19
	-		sdy-mica-AGL. comp. v. hd. mass.	By w. diss. with dol. along bedding plane			KC 15126	924. 44-92	1. 91 <0.	01 <0.0	<0.01	<0.01	41	17
	-		1				KC 15127	924.91-92			1	<0.01	46	15
							XC 15128	925. 19-02			·	0.01	43	16
			-7%.	Py-dol. thin lens		н. Т	KC 15129 KC 15130	925. 63-92			1	<0.01 <0.01	45 41	14 13
Í	•7		ary. dol-sdy-AGL	dol spot (1-2 cm) including By, with By -			XC 15131	926. 69-92			1	<0.01	47	16
	.4		for the state of t	Mica rim. Py-Mica diss. along b-p.			KC 15132	927. 19-92	7. 69 <0.	01 <0.01	<0.01	<0.01	48	14
			gry. f.sdy-AGh, comp. hd.	- Qz. venlet,			KC 15133	927.69-92	L 19 <0.	01 <0.0	<0.01	<0.01	43	14
1	.4		micaceous sdy-AGL +106 dol-layers	925,40 ~: Po-Py. diss, along b-p. 927,60~: Po-Br-(Cp) w. diss.			KC 15134	928. 19-92	3, 69 0.	02 <0.01	<0.01	<0.01	41	17
			+106 dol-layers whi.sdy-AGL	Polens with py-(Cp)			XC 15135	928, 69-92				<0.01	36	13
93	1		whi-gry, mass, dol-AG2	~931.00; relatively high Cu			KC 15136 KC 15137	929. 19-92 929. 69-93	·	02 <0.01 03 <0.01		<0.01 <0.91	41 39	16 13
	.6		Lev. de	Qz vemlet (3cm) with Cp, Po blabs			KC 15138	930. 14-93				<0.01	35 36	- 14
	- 7		gy, silty AGL.	930.60~931.50 : Portch-Cp-Py-Dol. thin lens			KC 15139	930.61-93			+ • • • •	<0.01	39	39
	_			thin lens 931.50 ~: Po> Py »(4)		ן . ון .	KC 15140	31. 14-931.	6 1 0 .	15 <0.01	<0.01	<0.01	42	54
	7 5		AR, gly. STALE	···· ~ · / · / · / · / · / · / · · / · · / · · / · · / · · / · · / ·		ī	KC 15141	031. 54-932.	14 0.	13 <0, 01	<0.01	<0.01	33	23
	1		brownish gry. mica-AGL			1	RC 15142 9	32.14-932	<u> </u>			<0.01	45	24
	5	MI TL	conv. lamina. lood str.	sil-dol-lens including Po-(Cp) in A4L.		- i - i - i - i - i - i - i - i - i - i		32.61-933.			<0.01	<0.01 <0.01	33 32	42
	π		dk brown str. mica-dol-AG	colorless Qz. vein with Po.		· · · · · · · · · · · · · · · · · · ·		33. 14-933. 33. 64-934.	-+	-	<0.01	<0.01	52 53	31 36
	4		5't sheared bedding plane	str. f_{0} (Cp) diss in mica- 027 : ~938.60		F		34. 14-934.			<0.01	<0.01	- 51	32
	-,		gry. comp. hd. QZT with Bio. Linhigry.	str. Po-(Cp) diss in mica-021:~938.60		· -		34. 61-934.		01 <0.01	<0.01	`<0, 01	37	30
	-	· · · · · · · · ·		938.6°~ : Py. w. diss		-	KC 15148 1	135. 91-935.	11 0.	12 <0.01	<0.01	<u>(</u> 0. 01	47.	41
94	<i>⊷</i>		trist arg-layer arg-QZT.			. · •)35. 44-935.		· · · · · · · ·	<0.01	<0.01	28,	56
					{	. ŀ		35, 99-936.			0.02	<0.01	.46 .29	42
	-		dayay natorial contained			\ <u>}</u>	···	135. 49-936. 136. 99-937.			0.01	<0.01 <0.01	38 48	48 87
·	: - f					· \ . ⊦	+)36, 49-937 ,			0.02	<0.01	45	38
	.8	<u> </u>	sdy-mice-anhyd-dol AGL	Anhyd. patch		- N° - F		37, 99-938,			0. 02	<0.01	31	44
		<u>is</u>	the gry clayey ang-027	· /		· · · · · · · · · · · · · · · · · · ·)38, 49-938.		0.0> 10	0.02	<0. 0I	30	43
1	-		whi. QZT	W. Anhyd,			KC 15156)33, 99-939,	49 0.	02 <0.0	0.02	<0.01	27	16
	-	<u>.</u>		WI MARYA,	.	·\ +)39, 49-939.				<0, 01	29	61
1	- L	垩	gry, ang-QZT. arg-material rich			· \}		039.99-940.				<0.01	36	16
1	-	·]				N N	XC 15159	340. 49-940.	.94 <0.	01 <0.01	0.01	<0.01	38	24
1	- 6	أعضض	mos erg-layer			· 1		·····	<u> </u>		.	ا		ļ

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Drill hole No. : MJ2C-4 Latitude : Direction : Longitude : (true north)

Inclination : — Elevation :

epth (m)	Core Log.	Lithology	Mineralization / Alteration	Samp No.	Depth (m)	Au ppm	T.Cu %	S.Cu %	Co %	Zn %		
50		dk.gry.ang-@ZT				1						
									1 A.			
4		e-to-so:v arg-material dominant -sot	dof-veinlet with Cp (10 cm) Cp.w.diss, ~953.50			[·						
-		-30%. arg-027	Cp.w.dix, ~753,30									. ·
	ก่อากภา	argenzi								· .		·
. <u>8</u>	///////	girish CGrL	Anhyd, vein									
	0. 	Compared of Den										
-	0.0	public v.cos. crystol Graniu basic r.	Anhyd. filling matrix									
-		l bk-dh.grn schist										
160	000	Cos Bio, Que, pak grn -	pale grn. clayey altered fragmont		<i></i>							
-	0.00	altered feld.? fragments	predominant		ан. Алар			•			1	
.	0.00										1	
	··· ·	ero mica diss. layer							:			.
-		small public	Anhyd. in matrix					1 - E - E				
		since part to	Consystem matrix									
-	0.00										•	
-							·					
Ţ. -		+ gradual v.sil.QZT, pebbly top pinkish~dk.gry										
70	••••	pinkish~ dk.gry			· .							
		- + dh, giy mica-@27.	a ch					1				
-			~~									
-							· .		ł			
-												
_		dk. gry. OZT.										
-		partly str. micaceous	антана. По 1971 г. т. т. т. т. т. т. т. т. т. т. т. т. т.									
-			· · · · ·	.						{	1	· · ·
-		to the gen ang layer										
-		•									1	
180							1.1					
-		Lanadual								· ·		
-		-tgradual V. sil. corp. hd. mica-0127 pinkish-dk.gry.	with iron-stain layers	} .		1 1 1 1	1					
. •		pinkish~dk.gry.		• s ±	21220	: 1		·	e			
-												
_	1			1								
•]	plokish giy. OZT with Bio.	with iro-stain dit									
]	-1										
		4-5 Tonina K-65 V.										
990		-1	Anhyd. veinfet (2cm) Bin lin Al Lant									
.4	4.5 0.0 89-9-9	pebble CGL with coscryst, Amerite pebbly Q2T	Bio. diss., Anhyd. spot,								1	
-		pebbly azr							- 			ļ.
-	5.5 7.10	peppie (GL. pinkish							·			1
.6							1.1			1 · ·	1	
-		+-15, lamina							- ·			1
		1										
		Pebble CALI with Gravite boulder	str. Biotized Pubbles.							· .	:	Ĩ
·		PUR COMPLE POWER										1.
_	£.9.5	pinkish gry. QZT	partly oxidized, Iron stain dot, Cp. v. w. di	1	1 .	1	1	1	1	1	1	1

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Drill hole No. : MJZC-4	Direction :	(true north)	Inclination : •	
Latitude :	Longitude :	4 - 4 L	Elevation :	
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		rill hole No. : MJZC atitude:	4 Direction : Longitude :	(trve	north)	Inclin Eleva	ation tion	:	•			1 × 1 ·
Depth	Core	Lithology	Mineralization / Alteration	Samp	Depth	Au	T.Cu	S.Cu	Co	Zn		(24)
(m) 7,000	Log.		Alteration	No.	(m)	ppm	%	%	%	%		
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		pebbly QZT. str. micaceone										
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÷	藤章	Bio, rich QZT.										
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		pinkish gry @2T. Whi spot in gry port										
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		whitish gry. @ZT. 15" dk.gry.layons (ang-?;	iron-stain diss.					-				
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Drill hole No. : MJZC - 4. Direction : Latitude : Longitude :

(true north)

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pth	Соге	· · · · · · · · · · · · · · · · · · ·	Minoralization /	Samp	Depth	Au	T.Cu	S.Cu	Co	Zn		(2!
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2. COMPILATION OF PREVIOUS WEEK

MINERAL EXPLORATION SURVEY - CHAMBISHI SOUTHEAST AREA

GEOLOGICAL SURVEY

The area of land which hosts the Chambishi Southeast and Ichimpe deposits was first claim pegged in 1903 by an unknown gentleman. Later the area was held alternately by RST (Rhodesia/Roan Selection Trust) and Rhoanglo. It has also been termed Nkana North Limb. A summary of the work completed over the area from 1928-1952 was described by S. C. Maree in 1952 (?) in a draft bulletin filed as PG.21.06, (which was not located).

(a) Objective

To compile the Geological map of the area in order to select target areas for further exploration.

(b) Survey Area

Chambishi Basin area.

(c) Method of Survey

1 Aerial photography

2 Field traversing (checking outcrop, vegetation and soil mapping).

(d) Amount of Work

Area about 60 square kilometres.

(e) Results

Chambishi Mine Orebody outcrop (mined by open pit/underground before closure).

PITTING

(a) Done between 1927-1929 - Pitting and trenching - Chambishi Mine itself 1952-1963 - Pitting and trenching by RST at Chambishi Southeast Area.

(b) Objective

To outline the contact between Lower Roan and Basement. Later extended up to Upper Roan across the Upper Roan/Lower Roan contact to clarify the extent of the Lower Roan.

(c) Survey Area/Amount of Work

Map showing the extent of the total area pitted not located. However, a total of 1365 pits at an average depth of 9.1m was dug.

(d) Method Used

Manual by pick, shovel plus a bucket. Pit interval: aprox 200m

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Pitting (Cont'd)

(e) Results

Inconclusive due to deep weathering.

GEOCHEMICAL

(a) Duration

1953-1955 and during 1960. Soil sampling by RST (Rhodesia Selection Trust).

(b) <u>Objective</u>

To determine copper metal concentration in the soil. However analysis for Cobalt, Nickel, Zinc and Manganese were also carried out on a few selected samples.

(c) Survey Area

Total area covered not known, as the surface plan on which the analytical results were plotted cannot be located.

(d) Method

Soil, anthill, pit profile and auger sampling.

(e) Amount of Work

During the period under review, a total of 3169 samples from Chambishi Southeast and adjacent areas were submitted at the Analytical Laboratories for geochemical analysis. Of these, 2366 were soil/anthill samples while the rest were pit samples.

(f) Results

No significant values. (The majority of samples contained less than 100ppm).

GRAVIMETRIC

(a) Duration

1959-1963. Surveyed by Aero Service (Rhodesia Pvt Ltd), 45 Speke Avenue, Harare (Salisbury) Zimbabwe (Southern Rhodesia).

(b) Objective

To identify areas of Basement high.

c) Survey Area

The total Chambishi Southeast area except a narrow strip of land along the eastern boundary line of the Chambishi Mining Licence area.

(d) Method

Gravity meter type called WARDEN.

(e) Amount of Work

Twenty-one lines with 2936 stations.

(f) Results

Compilation of a 1/10,000 gravity contour map and line profiles.

MAGNETOMETER

(a) Duration

1960-1962. Surveyed by C.J. Survey Ltd. Report not located but results available.

(b) Objective

To locate magnetically anomalous bodies e.g Basic igneous bodies, magnetic mineralisation and magnetite veins.

(c) Survey Area

Same as gravity (Gravimetric).

(d) Method

Ground magnetic surveys by magnetometers (Types, not specified).

(e) Amount

Same as gravity

(f) <u>Results</u>

Anomaly zones do not correspond with geological map.

E. M.

(a) Duration

1956, by Hunting Geophysics Ltd for the UNITED KINGDOM ATOMIC ENERGY AUTHORITY, LONDON. 1971, by McPhar of Canada for RST (No report located).

(b) <u>Survey Area</u>

Chambishi Southeast and adjacent area about 600 km².

(c) Method Employed

Airborne E.M.

(d) Results

1 Production a 1/25,000 E.M. map

2 Amphibolite/Gabbro distribution coincident with high anomaly areas.

RADIOMETRIC

(a) Duration

1971 by McPhar.

(b) <u>Method</u>

Air borne survey.

(c) Survey Area

No report located.

(d) Results

Most distinctive anomaly was attributed to the presence of amphibolite/Gabbro bodies. Map not located.

DRILLING

(a) Duration

Major drilling took place from 1950 to 1982 first by RST and later by RCM/ZCCM (Same company but change of names resulting from political changes and changes in the composition of shareholders).

(b) Objective

To determine the mineral potential of the area.

(c) Area

All Chambishi Southeast.

(d) Method

Mainly diamond drilling but a limited programme of machine auger drilling was carried in the early stages to provide deep samples for geochemical analysis.

(e) <u>Amount</u>

95 holes totalling aprox 62,000 metres.

(f) Results

Geological resource of 289.87 million tonnes at 1.94% Cu of which 202.37 million contains 1.95% Cu and 0.08% Cobalt.

CHAMBISHI SOUTHEAST

Ι

ORE RESOURCE CALCULATION

- (1) 1981-1983
 - (2) ZCCM (M. Hancock, V. D. Fleisher)
 - (3) Calculation for underground mining consideration
 - (4) Northern zone and southern zone of Chambishi Southeast orebodies
 - (5) Triangulation

>3m true thickness, >2% S-Cu cut off factor (without Co), 2.67^t/m³ tonnage factor 0.1% Co = 1% Cu

- (7) 38.3 m.t. (metric ton) 2.42% t-Cu Northern Zone 6.3 m.t. " 2.23% - t-Cu Southern Zone

II (1) 1982–83

- (2) ZCCM (Fleisher)
- (3) Underground mining consideration
- (4) Northern zone of Chambishi Southeast orebodies
- (5) Computer assisted calculation, outerlimits of 2% t-Cu and 10m%
- (6) 11 holes
- (7) 64.93 m.t. 2.49% t-Cu

III (1) 1992-93

- (2) ZCCM (S. Searston)
- (3) Calculation for overall mineral potential of the area
- (4) All Chambishi Southeast area including RCB-2, NN75 and Ichimpe in the southeastern part of the area
- (5) 0.05% Co and 1% t-Cu cutoff No thickness considered
- (6) -
- (7) 202,37 m.t. 1.95% Cu 0.08% Co

METALLURGY

(a) Duration

1982, by Crane and Degaleeson/ZCCM.

(b) Objective

To determine the response of the mineralisation to metallurgical test work.

(c) Area

Chambishi Southeast (Only from selected parts of the deposit).

(d) <u>Method</u>

Bulk floatation/mineralogical studies.

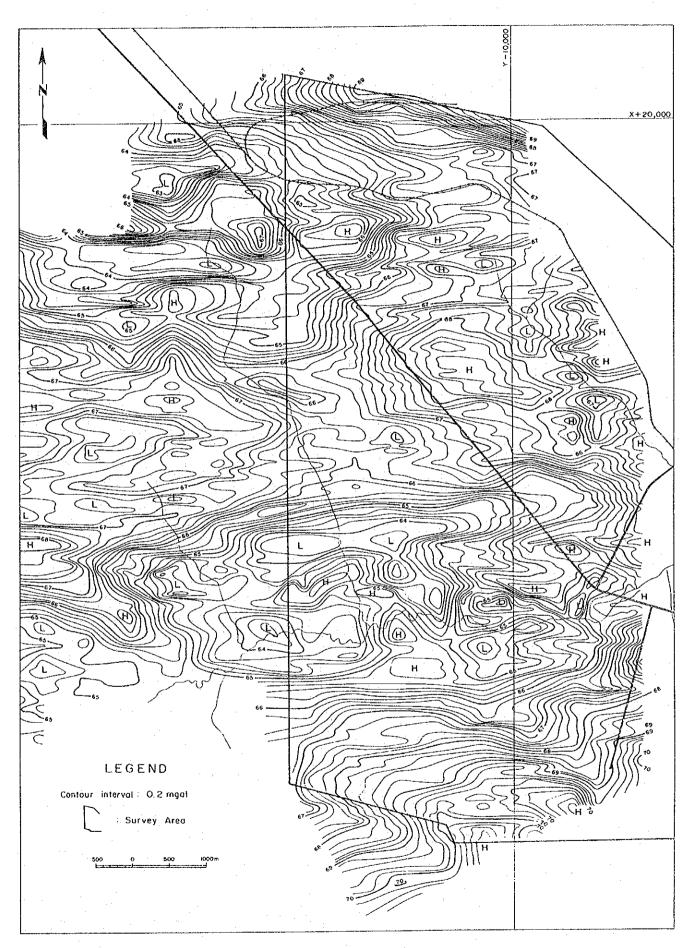
(e) Amount

Eight representative boreholes.

(f) <u>Results</u>

Copper recoveries of 95% and concentrates of grades ranging from 25% to 42% TCu.

25 January 1994

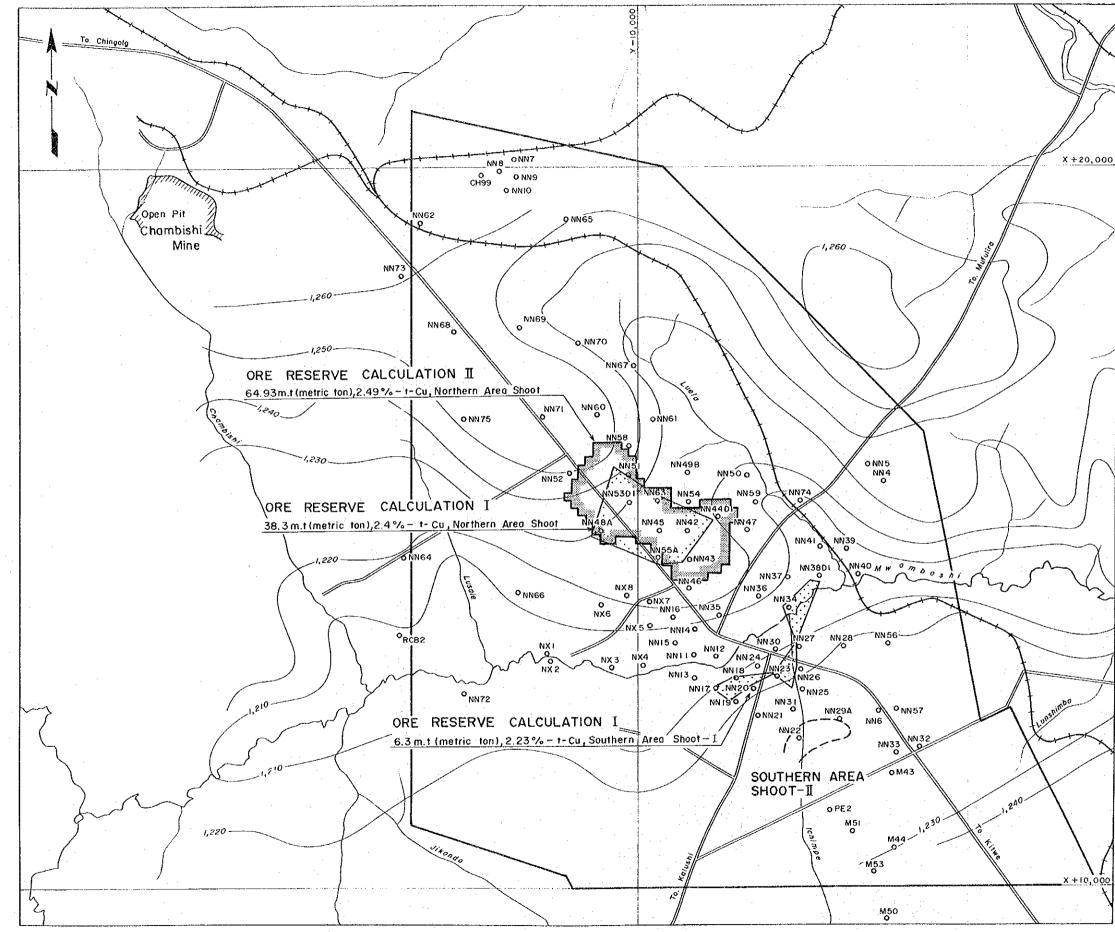


3. Gravity Contour Map

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LEGEND

Dritting Holes

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Survey Area

Topographic Elevation Contour in Metre

Northern Area Shoot

	True Thickness	Total CuX	Total Co%
NN58	22. 92	2. 21	0:09
51	14. 21	2.68	0.06
48-B	4.67	2.07	0.02
53-D1	4. 92	2.15	0,05
63	18.41	2.11	0.21
45	10.39	2. 32	0.06
42	16.27	2.29	0.10
44-D1	15.90	2.86	0. 18
55-A	3.02	2.04	0.04
43	12.02	2.93	0.09

Southern Area Shoot-I

	True Thickness	Total Cu%s	Total CoX
NN11	5.49	1.88	0.04
NN18	4.48	2.81	0.07
20	5,06	1.92	0.13
23	4.75	2.62	0.27
26	4.63	1.87	0.12
27	5.12	2.31	0.28
38-D1	3.90	2. 98	0.01
40	9. 78	2.17	0.04

Southern Area Shoot-II

	True Thickness (m)	Total CuX	Total CoX
NN22	5.61	2.37	0.13
29	9.08	1. 75	0.17

4. Ore Reserve Calculation Map

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HOLE	Ş	2	IHC	DH2	DH3	NN4	SNN5	9NN	2NN	NN8	6NN	0 INN	I I NN I			NN12	NN13		NN14		NNI5	*	I NN16	NN17	NN18	`		61NN	»	NN20		NN21-	*	: NN22		D2	NN23		NN24	
	HORIZON / FORMATION								DOLOMITE		ll .	<i>2</i>	Cp. Bn SHALE/DOLONITE	<i>a</i>	14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -	DOLONITE	Cp SHALE		Bn, Cp SHALE	×.	CP_SHALE	· *-	Cp SHALE	CP SHALE	Cp SHALE			Cp SHALE		Cp SHALE		Cp SHALE		Cp SHALE			Cp, Bn SHALE	A A A A A A A A A A A A A A A A A A A	DOLONITE	
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F / W ELEVATION		D IN METRES	AVAILABLE	<i>u</i> .		COPPER MINERALS RECORDED		ABANDONED IN UPPER ROAN DOLOMITE	2.66	125.27 1146.50	1042.00		685.00	685.00		509.02]	660.70		714.80	709, 90		759.00	635.00	549. 25				606.67 609.50				690.50		548.00			453.54 763.00		
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HOLE	°.		DH1	CHO	DH3	NN4	NN5	9NN	NN7	8NN	- 6NN	0 I NN	TINN			NN12	NN13		NN14	4	NN15		9TNN	- LINN	NN18	~	2	NN19	<i>x</i>	NN20	2	NN21		NN22 -	· · ·	2202	NN23	4	N24 DD:DIAN	

5. Existing Drill Hole Data (1)

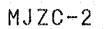
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5. Existing Drill Hole Data (2)

	HOLE No.	NN25 NN26	NN27 NN28 28D1 NN29	NN30 NN30 NN31	NN32 NN33 NN34 D1 D1 NN35	Ideenv	NN40 NN41 NN42 NN43 NN43 NN43	NN46
TOTAL MXRRALIZATION F / Y NULL NULL </td <td></td> <td>/ SHALE</td> <td></td> <td></td> <td>/ SHALE</td> <td>ALE</td> <td>ALE DOLOWITE</td> <td>DOLOMITE</td>		/ SHALE			/ SHALE	ALE	ALE DOLOWITE	DOLOMITE
IUTAL MINERALIZATION F / N MALKA REC INDEX ATTAIN DEPTIN ASL ASL </td <td></td> <td>B * CP DO * CP B</td> <td></td> <td>* *</td> <td>* *</td> <td></td> <td></td> <td></td>		B * CP DO * CP B		* *	* *			
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DULAL MINERALIZATION ELEVATION DEPTH MINERALIZATION ELEVATION NETRES FROM TO IN METRES NETRES FROM TO IN METRES S24 72 523 22 527 06 679 0 or 460. 55 661. 55 665. 28 743. 00 0 27. 00 0 or 460. 55 661. 55 665. 28 743. 00 0 0 0 0 0 0 124. 00 0 <td>THICK- NESS IN B</td> <td>2.3</td> <td>┝━┝╴┠╍╞╾┠╼╄╼</td> <td>╤╂╍┼╍┼╾╂╼╸</td> <td>┝╍╉╍╏╴╋╍┠╼┾╸</td> <td></td> <td></td> <td>╺┥┥</td>	THICK- NESS IN B	2.3	┝━┝╴┠╍╞╾┠╼╄╼	╤╂╍┼╍┼╾╂╼╸	┝╍╉╍╏╴╋╍┠╼┾╸			╺┥┥
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1 1	MINERALI FROM	523.22 524.87 457.96 460.55	4460.55 446.38 446.39 447.60 679.25 677.88 677.88 ABANDON	1240.81 1240.81 1240.81 399.29 552.18 553.52	20.73 20.73 504.75 504.75 503.22 7503.22			129.84
	DEPTH DEPTH IN METRES		or 500.79 or 869.59 915.62 or 691.59	1469.44 or 07 656.84 01	236.52 402.95 585.52 or 605.64	526, 39 491, 34 487, 68 720, 55 790, 04 or 488, 59	1136.29 917.97 866.46 798.81 913.07 or	(86.20 579.35 al datum)
VEAR CO-ORDINATES ELEVATION INULLI- -Y +X IN METRES NATION B -Y +Y IS66 7704.73 1205.56 1200.79 Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y -Y <td>TRUE EARING</td> <td></td> <td></td> <td></td> <td>076°</td> <td></td> <td>180°</td> <td></td>	TRUE EARING				076°		180°	
VEAR CO-OBDINATES ELEVATION -Y +X IN METRES -Y +X IN METRES 1966 7704, 73 12730, 87 1201, 50 * * * * * * * * * * * * * * * * * * * * * * * * * * * <td< td=""><td></td><td>> * > *</td><td>* * * * * * * *</td><td>> * * > > *</td><td>λ 202 *</td><td>></td><td>→ → ∧ ∞ ∞</td><td>Y V LEVEL (as</td></td<>		> * > *	* * * * * * * *	> * * > > *	λ 202 *	>	→ → ∧ ∞ ∞	Y V LEVEL (as
VEAR CO-OBDINATES EL -Y +X 1N 1966 7704.73 12730.87 12 * * * 1235.56 12 * * * 1235.55 12 * * * * * 12 * * * * * * 12 * * * * * * * * * * * * * * * * * * * *		01.50 		18.97 * 97.89 07.56	42.69 36.87 95.18	110. 54 007. 82 98. 89 98. 89 01. 82	93. 53 97. 11 215. 75 214. 65 214. 65	218.19 218.69 VBOVE SEA
VEAR CO-OBDINATI - Y 1966 7704, 73 1273 1966 7732, 01 1305 1966 7732, 01 1305 1966 7732, 01 1305 1966 7732, 01 1305 1966 7741, 60 1333 1967 732, 02 1233 1966 7142, 60 1333 1967 7192, 02 1233 1967 7192, 02 1233 1967 7192, 02 1233 1967 7192, 02 1233 1967 7865, 44 1333 1967 7865, 44 1333 1969 6389, 29 1143 1969 7325, 56 144 1976 83877, 39 137 1976 9288, 45 144 1976 9286, 52 141 1976 9288, 45 144 1976 92890, 51 141 1976 92890, 51 141		28 99	95 68 95					45.31 12 55.84 12 RN, ASL:
YEAR CO YEAR	-ORDINAT	13 1	03 72 60	220 02			2.59 143 8.90 143 8.45 143 6.92 145 0.61 151	9. 82 149 0. 79 141 7, CH:CH
		<mark>↓ </mark>			┥┥┥┦			976 968 976 929 , SH:SHO
		+++	┼┼┽┽╴╴╴			╶╁╍╊╍┠╍┠╍┼╼╋╴		DD DK1LL
HOLE HOLE NN.25 D MN.25	╋┿╋╂	┼╌┠╍┼╴┟╶┟╶┼╍╞╾╇╼	┼╌┟╴┟╼┨╼┠╴				NN45 NN46 DD:DIANO	

5. Existing Drill Hole Data (3)

HOLE			NN4 /	NN48A	NN49	NN4 SV		NN50	NN51	NN52	NN53D	NN54	NN55		NN56	LGNN	1 NN58		NN59		NN60	19NN	19NN	NN62D	NN63	NN64	NN65	NN66	I NN67	NN68	NN69	NN70	17NN	2TNN	NV73	NN74	<u>2LNN</u>	
	HORIZON / FORMATION		CP SHALE, DOLOWITE	CP SHALE					I Cp SHALE	Py SHALE	Cp. Po. Py SHALE		Cp, Po SHALE				I Cp SHALE	F / W	Bn SHALE	-	Cp. Bn SHA		Cp, FOOTWALL	SHALE	Cp. Po SHALE					F / W QUARTZITE						Bn SHALE	Cp SHALE	
AVERAGE PERCENT	S BE	3	0	01 0.02 *				01 0.01 🖈	01 0.06 *	01 0.02 ⊭	01 0.05 *		02 0.04 🖈	0.04			+ 60 °C	1 0, 07	0. 03	0 03 *	0.03 🗱	0.02 *	10.01		0.21 🖈		-		_	0.01						10.01	0.091	0.11
AVERACE	TOTAL OXIDE	`		Ċ				61 0.	2.68 0.0	1.32 0.0	2.15 0.0		74 0.	2.04 0.0			2.21	1.69	0.63	1.30	1.33	0.03	1.92	0.95	2.11	·	1			0.98		-				1,08		2.09
TRUE THICK-	NESS		1.93	9 4.67		1			14	0.86	4.		5.	3.02			7 22.92	نہ –	_	0	1 0.	1.83	3.	с, 	18.41					6 15 71						0.37	10	0 1 7.87
INTER- REC	ANGLE %		5° 100	5° 99.				0°	1° 98.8	0	0.		_)° - 100			0° 96.	0°	0°	0	°°0	100 100	47.8° 100	1° . 5	1.6° 100				1	1.0° 97.						ŀ-	70.0° 100	69.7° 10(
ATTON			81.	421.50 64				-	·	0.20 70.0		-	4.50 179°				0.00 42.	53		0.00 52.		254.30 75		845.00 79	8.40 84.					9.29 61							306.23 7(- ,
:		5°	89	5. 05	D 0		NO ORE INTERSECTED	29.46 45	1034 34 24	22.06 26	939.63 32	INTERSECTED	86.42 644.	586.08	NTERSECTED	NTERSECTED	162.40 230	203.45	_			Ĺ		427 60 84	L		INTERSECTED	INTERSECTED	INTERSECTED	302.48 43	INTERSECTED	INTERSECTED	INTERSECTED	INTERSECTED	INTERSECTED	783.90 42	57 :	
MINERALIZATION	-		568.931 5		ABANDONED	ABANDONED	ш		1018 40 16			ŝ	581.00 5	<u> </u>	NO ORE		0		00	676.50 [3	40	990.68	00			L	NO ORE	NO ORE	NO ORE	784.52	NO ORE	NO ORE	NO ORE	NO ORE	ы	783.40	960,16	
TOTAL	IN NI	AC LACO	642.81	1057.05	41.65	29.84	894.79	853.03	1062.14	1184.45	953.83	928.8	685.23	686.5	764.04	459.55	1239.90	: X	789.63	or	1194.90	1017.27	or	439.36	967.12	803.77	698.241	1153.47						÷			1033.78	or
TRUE	BEARING														094°	.680								351°27.3			025°12′				099.4°		061°23′		135°			
-I TONI	NATION	: ···	٧	· A	۰ ۸ ·	۸	۲.	A I	۸.	٨	V	A .	٨			53°	>		۸.		٨	λ.	,	18°	7	7	77.2°	٨	٨	λ I	89.4°	٨	89°17′	7	89.5°	٨	Y.	
COLLAR	TSV TSV	TN MEIKES	1213.06	1231.75			1219.44	1206.57	1227.26	1248.21	1232.95	1220.06	1219.61	1219.61	1205.64	1221.74	1235.94		1203.00		1239.14	1218.81		1259.19	1216.78	1216.01	1245.04	1209.61	1218.66	1234.25	1227.83	1225.33	1250.55	1198.55	1254.10	1201.20	1243.63	
NATES	, X-		14948-17	14952.01			15745.89	15729.97	15756.97	15766.96	15358, 24	15346.44	14560.99	14555.22	13328.15	12424.62	16148.44		15336.91		16569.67	16533.50	•	19267.02	15339.76	14594.34	19292.07	14124.09	17234.30	17748.13	17804.58	17600.61	16555.76	12706.38	18529.94	15393.71	16601.52	
CO-ORDINATES	λ -			57				8470.59				9282.77				6415.99	10090.78		8348.09		10396.69	9735.46		12911.96	97	83	10906.18	11708.25	10010.13	12504.41	11609.15	10782.08	11294.89	12363.65	13262.54	7720.48	12354.58	
ې د ع			- 1977	-	1 1 9 7 7	1977	1977	1977.1	1977	1 1 9 7 7	1.1977	1978	- 1978		1978	1979	1979		19801		1981	1881		1981	1861		1981	1981	1981	1982	1981	1982	1982	1 982	1982	1982	1982	
HOLE TYPE	NO. HOLE		-	NN48B DD			1	NN50 DD	+	<u>+</u>	ł	NN54 DD		(55A	-	457 I DD	F		NN59 DD		NN60 DD	1-		÷	1—	NN64 DD			•		-	NN70 DD			F	1	NN75 DD	-

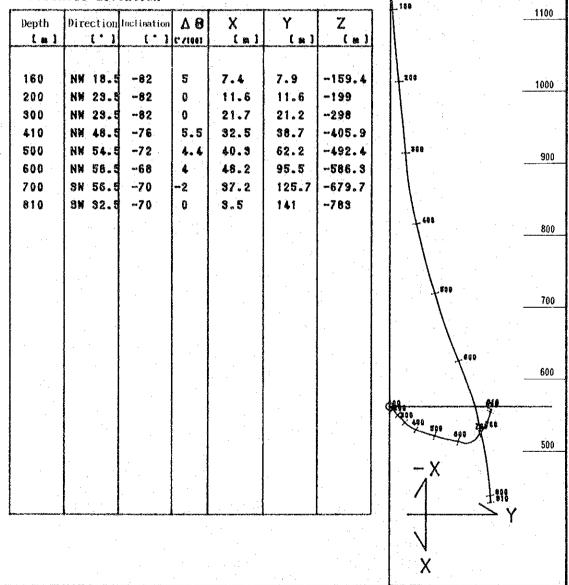


Locality: Chambish Southeast

Collar Elevation: 1212.5 m

Direction of Cross Section: N₩ 70°

Borehole deviation



Y

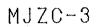
1200m

- Z

Scale: 1/10,000

6. Drill Hole Deviations (1)

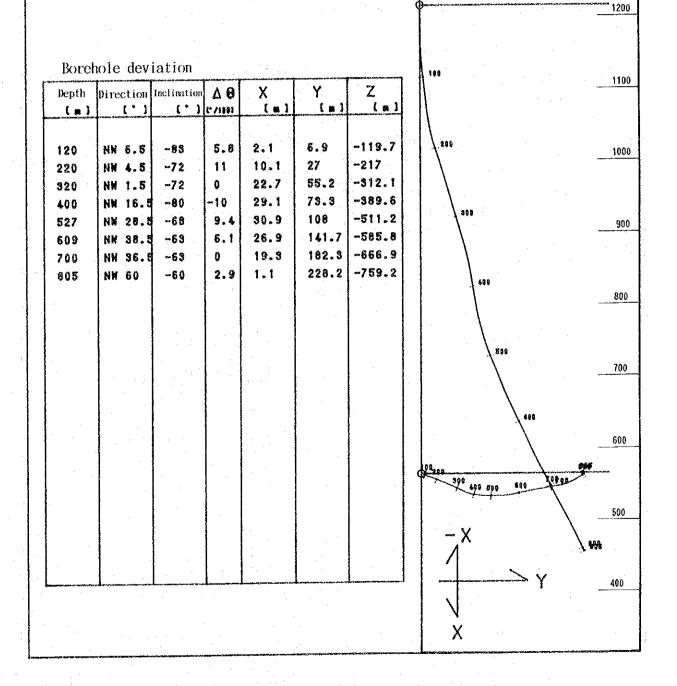
-- 78 --



Locality: Chambish Southeast

Collar Elevation: 1213.2 m

Direction of Cross Section: NW 27°



> Y

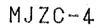
Scale: 1/10,000

-- Z

1400m

1300

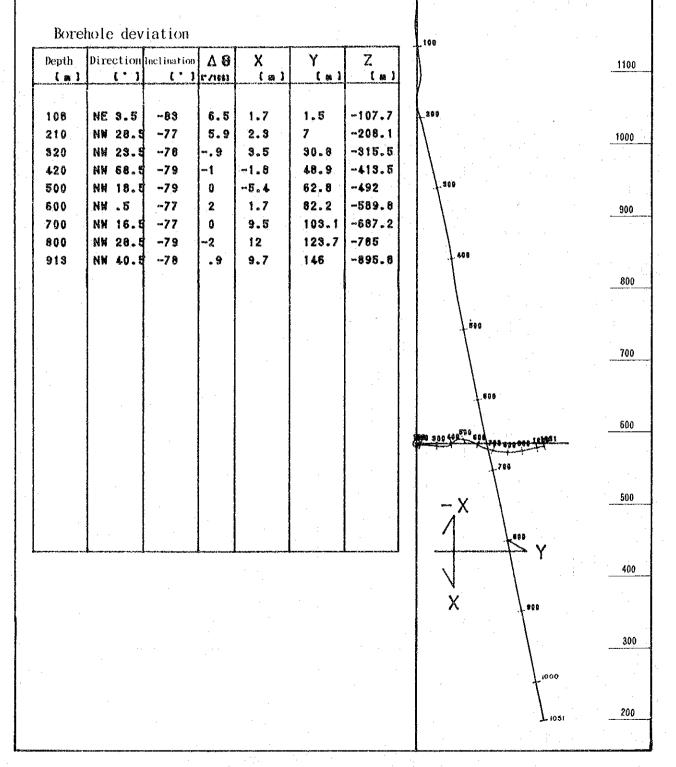
6. Drill Hole Deviations (2)



Locality: Chambish Southeast

Collar Elevation: 1234.2 m

Direction of Cross Section: NW 29°



 $> \gamma$

Scale: 1/10,000

- Z

1300 m

1200

6. Drill Hole Deviations (3)

