671636

DRILL HOLE RECORD

LEVEL ALVIJA MINES SURFACE	BEARING	DIP	TYPE OF SURVEY	CORE SIZE BQ	HOLE No. B-1
LOCATION				LENGTH 570'	SHEET No. 1 of 3 sheets
ELEVATION 2075'				COMPLETED April 12 1969	LOGGED BY: P.H. Pendle
LATITUDE 0+96 N				PURPOSE	April 20, 1969
DEPARTURE 2+60 E				TOTAL RECOVERY	516.8 / 570.0 = 91%

CHEMEX — ASSAY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION OF ROCK TYPES	DRILL HOLE	MINERALIZATION AND STRUCTURES	ESTIMATED % OF SULPHIDES	ASSAYS SAMPLE NO.	FROM	TO	WIDTH	REC.	% CU	% ZN	OZS. AU	OZS. AG	GROUPED AVERAGE	RECOVERY RUN	MEASUR'D	% REC.
												CU	CU					
0	10'	CASING.														3-10	CASING	
							26.5									10-24	14.0	13.5
10.0	52.0	ANDESITE - FINE TO MED GR'D														38.0	14.0	14.0
		AMYGDULOIDAL - DARK GREEN														46.0	9.0	8.0
		EPIDOTE ALTERATION - LOCALLY		1" FRACT @ 28.0'	3% SPKLD CP.	A403	26.5	31.5	5.0	5.0	0.26	.36	.37	.03		52.0	6.6	5.6
		FINE GR'D - GLASSY - BRECCIATION			3% " BNITE	404	31.5	34.5	3.0	3.0	0.49	.76	.70	.08	0.53/10.5'	53.5	15.0	15
		23-29			1%	405	34.5	37.0	2.5	2.5	0.46	.61	.60	.10		73.0	19.0	18.7
		DK GREY TO GREEN BLACK TO 50'														83.0	10.0	9.7
																88.0	5.0	5.0
52.0	88.0	TRACH. AND. - PURPLISH TO PALE		DISSEM CP. -	SPKLD CP	406	45.5	50.7	5.2	5.0	0.81	1.08	1.04	.22		94.0	6.0	5.3
		GREEN - MED GR'D.				411	50.7	55.5	4.8	4.7	0.18	.33	.23	.02		106.5	12.0	11.5
		STRONG EPIDOTIZATION - BX'D.		DISSEM CP	2% CP	407	55.5	58.0	2.5	2.3	0.46	.55	.51	.02	0.65/21.5'	112.5	6.0	4.5
		1" ANG FRACS.			5% CP.	408	58.0	63.7	5.7	5.5	0.76	.85	.80	.04	.19	121.0	8.5	8.0
				- SPKS BNITE	2 % CP	409	63.7	68.5	4.8	4.8	0.24	.37	.33	.04	2.5	124.6	3.0	3.0
88.0	124.1	FINE GR'D DK GREEN AND.			2 % CP.	410	68.5	73.0	4.5	4.3	0.34	.62	.59	.09		137.6	10.0	9.7
		LOCALLY PROTIC - & EPIDOTIZED		Gouge 3 cm fault? 93-95												159.0	25.0	24.0
		STRONG APPLE GREEN EPIDOTIZATION													5.0	169.0	9.0	8.7
		103 - 112		CP SPKS.	< 1% CP.	412	99.0	102.2	3.2	3.0	.05	.07		.05		189.0	20.0	18.5
		V. DENSE 112 - 121														208.0	20.0	18.0
		STRONG EPIDOTE 122-124														212.0	3.0	4.0
				CB STRGS 121-122												221.6	9.0	9.0
124.1	126.0	MED GR'D TRACHY AND. PHENOS														231.0	10.0	10.0
		REDDISH FELDSPARS													4.5	235.5	4.5	4.5
																266.0	10.5	5.3
126.0	136.0	F GR'D GREEN AND													.05	276.0	10.0	10.0
															.13 2.0	286.0	10.0	9.7
136.0	140.0	RHYOLITIC AND - LIGHT GY-GREEN		TRID VNS. CP	5% CP	413	139.5	144.2	4.7	4.6	.49	.66	.61	.05	0.43/3.5	296.0	10.0	10.0
					5% CP.	414	144.2	148.0	3.8	3.7	.09	.15		.06	2.0	306.0	10.0	10.0
140.0	173.0	F GR'D DK GREEN AMYGDALOIDAL														314.0	8.0	8.0
		ANDESITE. MOD TO STRONG													10.5	319.0	5.6	7.0
		EPIDOTE ALT'N - OCC CB		CALCITE STRGS WITH	3% BNITE	415	172.5	178.6	5.5	5.3	.46	.63	.63	.15	.35	335.0	16.0	13.0
		STRG.		BNITE	BRN	416	178.0	184.0	6.0	5.7	.01	.03		.02	0.45/15'	347.0	12.0	11.5
					3% BNITE	417	184.0	188.6	4.0	3.7	.35	.46	.45	.19		354.0	7.0	5.0
173.0	197.0	SILICEOUS, BRNISH TRACHY ANDESITE														364.0	10.0	9.0
		BX'D - MED GR'D.													8.0	374.0	10.0	10.5

DRILL HOLE RECORD

LEVEL	BEARING DIP TYPE OF SURVEY	CORE SIZE	HOLE No. B-1
LOCATION	COLLAR	LENGTH 570'	SHEET No. 3
ELEVATION		COMPLETED	LOGGED BY: R.W. Pfeiler
LATITUDE N		PURPOSE	April 20, 1969
DEPARTURE E		TOTAL RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION OF ROCK TYPES	DRILL HOLE	MINERALIZATION AND STRUCTURES	ESTIMATED % OF SULPHIDES
437.0	510.5	FINE GR'D ANDESITE DK GREEN, FIRM. WELL EPIDOTIZED - BECOMING MED GR'D 452-457 HEMATITE THREAD VEINS 466-482 - FOLLOWED BY FINE EPIDOTIZED AMYGDULAR AND - MED GREEN.		SPKS	BNITE
510.5	532.6	MED GRID PORPHYRYTIC ANDESITE - APPLE GREEN. H - 4.5 - MASSIVE.			
532.6	570.5	FINE GRID - ANDESITE - HEMATITE STRGS. - MINOR EPIDOTIZATION. FEW CB STRGS - LOCALLY MED GRID AND AMYGDULAR.		549-551 - CB - HEMATITE STRG	
570.0		END OF HOLE.			

ASSAYS SAMPLE NO.	FROM	TO	WIDTH	REC.	% CU	% ZN (CHEMEX)	OZS. AU (ASSAY)	OZS. AG	GROUPED AVERAGE	RECOVERY RUN	MEASUR'D	% REC.
						CU	CU					
430	499.5	504.0	4.5	4.3	0.24	.21		0.10 (.13)				
431	549.0	550.8	1.8	1.7	.01	.01		.06				

DRILL HOLE RECORD

LEVEL	BEARING DIP TYPE OF SURVEY	CORE SIZE	HOLE No. B-1
LOCATION	COLLAR	LENGTH 570'	SHEET No. 2
ELEVATION		COMPLETED	LOGGED BY: R. Pendlebury
LATITUDE N		PURPOSE	April 20, 1969
DEPARTURE E		TOTAL RECOVERY	

CHEMEX — CK ASSAY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION OF ROCK TYPES	DRILL HOLE	MINERALIZATION AND STRUCTURES	ESTIMATED % OF SULPHIDES
199.0	221	ANDESITE - DK GN. - F. GR'D.			
221.0	260.0	TRACHY AND. V. FINE GR'D CHERTY		2%	BLEBS BNITE
		WITH LOCAL BLEACHING AND		MIN'D FRACT	BRN.
		FINE DISSEM BORNITE.		ZONE 211-218	ALTN-
				5% - 1/2" MASSIVE BNITE	
260.0	277.2	LAMPROPHYRE DYKE - FINE GR'D DK GREEN		3%	BNITE. FLECKS
		BLACK - MASSIVE - H-4.0		CB STRGS	
		FINE BLACK PHENOS			
		SHARP 2ND CONTACT		LOCAL BLEACHING - DISSM BORNITE	
				CB FRACT ZONE - SPKS "	
				LOCAL FAVOURABLE BLEACH SPKS BNITE	
277.2	290	TRACHY ANDESITE		" " "	
		MED GR'D. FRAGMENTAL			
		PURPLISH GREEN -			
		LOCAL EPIDOTIZATION.		WEAK BLEACHING	BNITE SPKS
		LOCALLY GRANULAR TEXTURE			
		306-308 - FRACS TO 1/2"		2" GGE - 280'	
		(TUFFACEOUS)		FRACT ZONE - BRN.	
		SLIGHT SHEARING AT 308'		1/2" CB @ 286.0'	
		FINE GR'D - LOCALLY GLASSY			
		AT 309.8' - NO BLEACHING AND		FRESH FRACT ZONE 317.5-319.0	
		LITTLE ALT'N			
290.0	437.0	MED GRAD AND INCOMPETENT		OCC CB STRG - 1" AT 402' - 70°	
		FRACT - GOUGE ZONES - MED		ASSOCIATED WITH BLEACHING	
		GREEN. - OCC CB STRG.			
		UK FE STAINING - HEMATITE STRGS		CB - BLEACH ZONE - 404-405'	
		UK LOCAL EPIDOTIZATION.			
		FIRMER BY 374.0		FAULT ZONE 412-414 - 1" CB	
		FRACTURED SH'D 412-436.0'			
		HEMATITE ALT'N ENDS AT 437			

ASSAYS SAMPLE NO.	FROM	TO	WIDTH	REC.	% CU	% ZN (CHEMEX)	OZS. AU (CK ASSAY)	OZS. AG	GROUPED AVERAGE
						CU	CU		
418	199.0	206.0	7.0	6.7	0.15	.18		.08	.13
419	206.0	211.0	5.0	4.6	.02	.05	.10	.03	
420	211.0	212.6	1.6	1.4	.20	.35		.17	1.0 / .17 / 8.0
421	212.6	213.8	1.2	1.0	6.68	7.00		4.68	
422	213.8	218.0	4.2	4.0	.65	.72	.74	.36	
423	218.0	219.0	1.0	0.7	.01	.03		.06	5.35 / 4.0
424	221.0	226.0	5.0	5.0	.01	.02		.02	.52
425	226.0	231.0	5.0	4.8	.01	.01		.02	
426	231.0	235.0	4.0	3.7	.04	.01		.04	
427	235.0	240.0	5.0	4.7	.02	.01		.02	
									10
428	249.0	251.5	2.5	2.2	.02	.01		.02	
429	279.0	281.0	2.0	1.7	.29	.37	.35	.29	
	31.5	37.0	5.5			0.70			
	45.5	63.7	18.2			0.74			
	139.5	144.2	4.7			0.66			
	211.0	218.0	7.0			1.71			

RECOVERY RUN	MEASUR'D	% REC.
384.0	10.0	9.6
412.0	28.0	25.0
417.0	5.0	7.0
420.0	3.0	3.2
428.0	8.0	8.0
436.0	8.0	7.0
452.0	16.0	15.0
462.0	10.0	10.0
471.0	9.0	9.6
476.0	5.0	4.7
486.0	10.0	10.0
499.0	13.0	12.0
510.0	11.0	10.0
530.0	29.0	18.5
550	20.0	20.0
560	10.0	9.7
570.0	10.0	9.7
END		5168