

001581

Cyprus Anvil Mining Corporation

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August 15, 1975

Mr. Dennis Martin
Piteau, Gadsby & MacLeod Ltd.
1409 Bewicke Avenue
North Vancouver, British Columbia

Dear Dennis:

Encloses are the data sheets for the joints on the west wall. These comprise traverses P091 to P097 inclusive on the 4100 level and traverses P075, P068 to P070 inc., P063, P056 to P058 inc. on the ramp, plus two sheets of field notes.

All the best,



Peter Lewis

PL/mm

cc. J. C. Devitt

Enc.

CYPRUS

TRAVERSE STATION

P091

COORDINATES

NORTH
 EAST

ELEVATION

PLUNGE TREND

BENCH

4100

LENGTH

NO. OF OBS.

Trav. No.	Dist.	Rock Tp.	Hdn.	Struc	Jn.Spcg.	No. of J/S	Strike	Dip	Dir.	Infilling	DISC. LENGTH	CUG
P091		3 CSG	R4	JN		1	5077	69	N			
						1	2160	88	W			
	10		R4			3	2094	78	N			
						2	2169	83	E			
	24		R0	FL		1	1040	74	W	GL	20	1
				JN		1	5122	22	S			
	30		R4			1	2040	78	W			
	34		R0			1	5129	20	S			
	44		R4			1	5117	27	S			
	47		R4			1	2163	85	E			
						1	5000	88	W		20	
	55			FL			104	62	S	G	20	1
				JN		1	5098	30	S			
						1	4037	80	E			
	62					2	2155	84	W			
	65					1	5099	34	S			
	72			FL			158	85	E	G	20	5
				JN		1	5084	23	S			
	97	PRT	R1	CN			052	73	N			
	119	CSG	R1	JN		1	2001	75	W			
	122					1	5100	28	S			
							114	765	W			
	128		R3				174	81	W			
	133						138	78	W			
							104	22	S			
	138					1	3141	84	E			
	144					2	4092	18	S			
	153						1170	90	W			
	15					2	3112	23	S			
	210						1101	79	S			
							1172	86	E			
						4	2104	17	S			
	220					4	2093	57	N			
						1	5139	19	W			
	249					1	5111	27	S			
							1161	84	E			
	258						1156	84	E			
						2	3173	25	S			
	270					4	2096	80	N			

Trav. No.	Dist.	Rock Tp.	Hdn.	Struc	Jn.Spcg.	No. of J/S	Strike	Dip	Dir.	Infilling	DISC. LENGTH	GUG. DIST.
	270	C50	R3	JN	2	4	109	20	S			
							100	29	W			
	290		R4		1	5	120	24	S			
							100	83	W			
	300				1	5	096	27	S			

TRAVERSE STATION

P091 CONTD

COORDINATES

NORTH

EAST

ELEVATION

PLUNGE TREND

BENCH

LENGTH

NO. OF OBS.

Trav. No.	Dist.	Rock Tp.	Hdn.	Struc	Jn. Spcg.	No. of J/S	Strike	Dip	Dir.	Infilling	DISC. LENGTH	CUG. WIDTH
P092	0	CSG	R5	JN		1	2165	90	W			
						3	4111	23	S			
	10					2	4118	25	S			
	20					2	4111	20	S			
	31					3	2178	87	E		30	
						4	3121	27	S			
	40			FL			039	59	W	GBC	30	10
				JN	3		2178	86	E			
					3		3105	21	S			
	52		R3		1		5101	20	S			
				FL			019	81	W	CGB	30	
				JN			1178	90	E		20	
	60				4		2103	22	S			
					3		4100	25	S			
	70		R4				1179	87	E			
	75				1		2094	85	S			
	80				2		3101	29	S			
	82				1		3103	74	N			
	91				2		5115	22	S			
					2		4014	90	W			
	100				2		4129	28	S			
	110	CSG	R3		1		5098	31	S			
							1005	77	W	C		
				FL			035	80	W	GC	30	5
	120				1		5097	44	S			
					2		2098	62	N			
	140				1		5125	32	S			
	161	PRT	R3	FL			074	84	N	G		5
		CSG	R3	JN	1		5051	42	S			
	266		R4	JN	1		5105	58	S			
				FL			096	52	N		30	
	277		R3	JW	1		5113	25	S			
				JN	1		2162	90	W			
	290			JN			1105	49	N			
				JN	2		3128	32	S			

TRAVERSE STATION

P092

COORDINATES

NORTH

EAST

ELEVATION

PLUNGE TREND

BENCH

A100

LENGTH

NO. OF OBS.

Trav. No.	Dist.	Rock Tp.	Hdn.	Struc	Jn. Spcg	No. of J/S	Strike	Dip	Dir.	Infilling	DISC. LENGTH	CUG. WIDTH
P093	17	C5G	R3	JN		1	5096	35	S			
							1160	80	E			
	27					1	5111	29	S			
						2	3100	75	N			
	→46					2	2123	32	S			
							1007	67	E			
	66					3	3096	30	S			
							1168	85	E			
	132					2	3090	31	S			
							1085	70	N			
	148					1	5108	22	S			
	157					1	5106	37	S			
	163						1010	73	E			
	175						115	34	S			
	183		R1			1	5076	89	N			
						1	5121	25	S			
	185			FL			070	90	N		30	20
	195		R3	JN	1	3	081	83	N			
				JN	2	3	102	27	S			
	201			JN		1	086	86	N			
	211			JN	1	5	106	18	S			
				JN		1	076	80	S	C		
	220			JN	1	5	095	32	S			
	230			JN	1	5	084	41	S			
	240		R3		1	5	115	40	S			
					1	5	017	63	W			
					2	3	112	75	N			
	245					1	029	89	E			
	249			FL			059	59	S		30	
	252			JN	1	5	109	35	S			
	256					1	159	68	E			
	264				1	5	115	35	S			
	267					1	038	82	W			
	274					1	111	77	N			
					1	5	105	38	S			
	286				2	3	121	34	S			
						1	163	66	E			20
	300						108	38	S			
					1	3	045	90	S			

TRAVERSE STATION

P093

COORDINATES

NORTH
EAST

ELEVATION

PLUNGE TREND

BENCH

A100

LENGTH

NO. OF OBS.

Trav. No.	Dist.	Rock Tp.	Hdn.	Struc	Jn.Spcg.	No. of J/S	Strike	Dip	Dir.	Infilling	DISC. LENGTH	GUG. DEPTH
1094	0	CSG	R3	FL			097	90	S	GB	50	10
				JN	1		074	44	S			
	5	BST		FL			033	29	W	G	20	1
	12			JN	2		102	34	S			
					1		216	76	E			
	24						111	40	S			
	28			FL			059	85	N	G	30	2
	30			JN			117	75	E		20	
	35				4		410	73	S			
							113	58	W	C		
	42						116	26	E			
	46				2		309	37	S			
	56				1		511	44	S			
	68				1		512	26	S			
	80				2		316	66	E		20	
					4		209	25	S			
					1		306	56	S			
	95				1		510	51	S			
	100				2		307	42	S			
	100				4		315	58	E			
					4		305	46	S			
	110				3		313	82	W			
	116			JN			115	27	E		30	
	123				5		306	92	S		30	1
	133			FL			409	01	S			
					4		115	08	E			
	144				2		306	23	S			
					2		405	22	S			
	154						112	87	N		50	
	165				5		209	32	S			
							108	87	N		30	
	175				1		509	03	S			
	190				1		511	03	S			
	198						101	18	E		30	
					4		311	13	S			
							111	27	N		20	
	210				3		411	33	S			

TRAVERSE STATION

1094

COORDINATES

NORTH

EAST

ELEVATION

PLUNGE TREND

BENCH

LENGTH

NO. OF OBS.

TRAVERSE STATION

1095

COORDINATES

NORTH [][][][][][][][][]
EAST [][][][][][][][][]

ELEVATION

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PLUNGE TREND

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BENCH

4100

LENGTH

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NO. OF OBS.

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Trav. No.	Dist.	Rock Tp.	Hdn.	Struc	Jn.Spcg.	No. of J/S	Strike	Dip	Dir.	Infilling	DISC. LENGTH	COR. DIST.
1095	0	GST		JN	1	5	068	27	S			
		BST		CN			068	27	S			
				JN			141	80	E			
	12	BST			1	5	071	15	S			
							100	60	W			
	22				1	5	094	15	S			
	29			FL			054	90	S	G	30	1
	30			JN	1	5	065	45	S			
	30						112	97	N			
	39						112	70	N			
					1	3	080	27	S			
							104	75	S			
	53				6	2	126	13	S			
					3	3	140	75	E			
	63				2	3	095	42	S			
	72						108	80	S			
					1	4	092	35	S			
							116	85	E			
	84			FL			093	72	N	G	20	1
				JN	3	2	096	53	S			
	89						116	70	W		30	
	98			FL			080	62	S	G B	50	5
	101			JN			109	34	S			
	110				2	3	093	42	S			
							115	16	E			

Trav. No.	Dist.	Rock Tp.	Hdn.	Struc	Jn.Spcg.	No. of J/S	Strike	Dip	Dir.	Infilling	DISC. LENGTH	LOG WIDTH
P096	69	MST	R3	JN		1	142	77	E			
				JN	1	5	111	19	S			
	85				1	3	128	23	S			
							169	51	E			
	151			FL			062	55	SG		20	1
				JN	1	5	041	23	E			
	158			FL			033	35	E		30	
	172			JN	2	3	037	33	E			
	180				3	3	051	36	S			
	213						116	58	E			
					2	4	066	38	S			
	219						105	16	N			
					2	3	057	33	S			
	225			FL			057	60	SG		30	1
				JN	1	3	083	16	S			
							116	68	E			
	280						116	26	E			
					4	2	082	23	S			

TRAVERSE STATION

P096

COORDINATES

NORTH
EAST

ELEVATION

PLUNGE TREND

BENCH

H100

LENGTH

NO. OF OBS.

TRAVERSE STATION

P097

COORDINATES

NORTH
EAST

ELEVATION

PLUNGE TREND

BENCH

4100

LENGTH

NO. OF OBS.

Trav. No.	Dist.	Rock Tp.	Hdn.	Struc	Jn.Spcg.	No. of J/S	Strike	Dip	Dir.	Infilling	DISC. LENGTH	CUG
P097		3 MSD	R4	JN			103285		E			
	9						113687		E			
	12						116990		W			
	18				4		309133		S			
	20						117587		E			
	22				1		316187		E			
							101085		W			
	25	QTZ	R4				16765		W			
	37			FL			16080		W	BGS	50	10
	42			JN	3		214449		W			
	71				5		215785		W			
	85						111556		S			
							108090		S			
	102						114072		W		20	
	136	MST	R3		4		210652		S			
	146	QTZ					116164		E			
	148						108455		N			
	158						111270		N			
	170						100480		E			
	190						107770		S			
	210	MST			1		304672		N			
	217						104071		W			
	224						107563		N			
	242						111067		W			
	253						100576		E			
	285	QTZ					104890		S			
	300	MSD					105987		S			

P091 - IRREGULAR ALTERATION TO R0 STRENGTH OF ~ 50% OF ROCK
0-40 →

82 - CONTACT WITH DYKE - ATTITUDE UNMEASURABLE

72-82 - FAULT PLANE

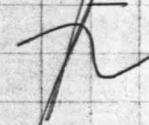
82-97 ROCKS SHATTERED, STRENGTH R1, ANDESITE


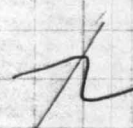
97-115 CSG ALTERED, R0

128-130 INTRAFOLIAL FOLDS IN CSG.

159-200 CLUMPED BLOCK

P092 52 - ISOCLINAL QZ2 RODS. IN 5b SEPARATED FROM 5a BY 019 FAULT

P093 249 2']  059/59 - A PLANE.
FOLD

P094 0 - NORMAL FAULT 
100 D5 - LS 239/5  D.P.
S6 060/60 SE

75-5 SPCL. ORIENTED 074/265

160-190 SLUMP BLOCK - TOPPLING FAILURE ON 088 & 011 JTS

P095 100 - D5 FOLDING

 I1'

Trav. No.	Dist.	Rock Tp.	Hdn.	Struc	Jn. Spcg.	No. of J/S	Strike	Dip	Dir.	Infilling	DISC. LENGTH	GLG. DIST.
P075	0	CSG	R3	JN	2	2	164	88	W		30	
	5			JN	2	3	151	20	W			
	5					1	057	47	N			
	17					1	167	80	W		30	
					1	4	134	23	S			
	21				2	3	074	75	N			
	26				1	1	062	69	N			
					3	3	148	16	W			
	31				3	2	105	76	N			
	36				1	5	059	6	N			
					1	2	089	85	N			
	46		R0	FL			085	85	N			
			R3	JN	1	5	110	8				
	53						160	83	W			
	57				1	5	106	22	S			
	69				1	6	000	7	W			
	73	PRT	R4			1	170	79	E			
	95	CSG	R0		1	5	121	17	S			
	102		R3			1	157	89	E			
	108	GST	R0		1	3	106	23	S			
	118	CSG	R3		1	5	120	23	S			
	119		R0			1	020	86	W			
	123		R3			1	155	87	W		30	
	129		R4		2	3	146	20	W			
						1	082	89	S		20	
	139				2	3	148	20	W			
	144				3	2	157	87	W		20	
	150				2	3	150	23	W			
	159				2	3	170	18	W			
	163					1	161	84	W			
	175				4	2	158	15	W			
						1	158	86	W			
	186					1	164	86	W		30	
						1	154	20	W			
	194				4	2	174	20	W			
	200					1	095	73	S			
	202				4	2	150	20	W			
						1	164	83	E			
	206					1	081	63	S			

TRAVERSE STATION

P075

COORDINATES

NORTH

EAST

ELEVATION

PLUNGE TREND

BENCH

LENGTH

3990

NO. OF OBS.

TRAVERSE STATION

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COORDINATES

NORTH

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EAST

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ELEVATION

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PLUNGE TREND

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BENCH

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LENGTH

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NO. OF OBS.

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Trav. No.	Dist.	Rock Tp.	Hdn.	Struc	Jn.Spcg.	No. of J/S	Strike	Dip	Dir.	Infilling	DISC. LENGTH	CUG. WIDTH
P075	216	CS G	R4	JN	3	3	137	16	W			
CONTD	218			FL		1	115	67	SG		100	1
	222			JN		1	134	24	S			
	224					1	088	83	N		20	
	237				4	2	102	22	S			
	247				3	3	147	18	W			
						1	075	55	N			
	258					1	153	85	W			
					3	3	128	40	E			
	268				2	3	112	26	S			
	276				2	3	110	28	S			
	287				2	2	114	34	S			
						1	162	71	E			
P068	2					1	147	23	W			
						1	032	69	W			
	11				5	2	123	25	S			
	20			FL		1	155	74	W	CBG	50	10
	23			JN		1	120	35	S			
						1	041	58	W			
	36			FL		0	40	66	W	CG		1
				JN	5	2	087	35	S			
	66	PRT	R4			1	098	75	S			
	72					1	164	89	W			
	77					1	169	88	W			
	87					1	101	85	S			
	107				1	2	126	82	S			
	120	BST	R3		3	3	083	15	S			
	125				2	3	090	16	S			
	139					1	154	84	E			
	141				2	4	145	11	W			
	148					1	155	78	E			
						1	121	18	S			
	153					1	110	46	S			
	158				5	2	132	16	S			
	160					1	115	40	S			
						1	172	82	E			
	167			FL		0	75	62	SGW		50	2
	169			JN	1	3	110	19	S			
	173					1	117	15	S			

Trav. No.	Dist.	Rock Tp.	Hdn.	STK	Struc	Jn.Spcg.	No. of J/S	Strike	Dip	Dir.	Infilling	DISC. LENGTH	GUG
	186	BST	R3	FN	JN		4	2124	15	S			
	190				JN		2	2150	84	E		20	
	198						4	2162	13	W			
	211			FN	JN		3	2137	15	W			
	217				JN			1106	55	S			
	222							1179	81	E			
P069	2			FN	JN		1	5099	18	S			
	14	BST	R2				1	5111	21	S			
	33	BST	R3				1	5085	17	S			
	39				JN		4	2095	78	N			
	46						1	3000	66	W			
	50			FN	JN		1	5081	21	S			
	60						1	5092	10	S			
					JN			1171	68	W			
	72							1165	87	W			
	75			FN	JN		1	5086	26	S			
	88							1102	22	S			
					JN		3	2099	68	N			
	96							1154	90	E		50	
				FN	JN		4	3095	20	S			
					JN			1074	59	S			
	103							1076	66	S			
	105							1110	66	S			
				FN	JN		4	2092	26	S			
	112				JN			1063	53	S			
	116			FN	JN		3	2107	14	S			
	131						2	3070	39	S			
					JN			1165	82	W			
	141			FN	JN		2	3094	39	S			
	154						1	3070	39	S			
	162				JN			1175	75	W			
	168			FN	JN		1	5095	34	S			
	175				JN			1124	73	S			
				FN	JN		4	2092	40	S			
	178				JN			1161	83	W			
	183				JN			1109	81	S			
	185			FN	JN		3	2109	36	S			
	190				JN			1090	65	S			
	209			FN	JN		2	4103	28	S			

TRAVERSE STATION

COORDINATES

NORTH

EAST

ELEVATION

PLUNGE TREND

BENCH

LENGTH

NO. OF OBS.

Trav. No.	Dist.	Rock Tp.	Hdn.	Struc	Jn.Spcg.	No. of J/S	Strike	Dip	Dir.	Infilling	DISC LENGTH	LOG LENGTH
	209	BST	R3	JN			1015	70	E			
						1	2111	56	S			
	222			FN JN		1	5095	32	S			
	228			JN			1141	56	E			
				FN JN		3	2115	21	S			
	238			"		4	2129	23	S			
				JN			1161	54	E			
	248			FN JN		4	3138	33	W			
				JN			1149	62	E			
P070	5			FN JN			1134	24	S			
	10			JN			1145	69	W			
	18			JN			1097	75	N			
	22			FN JN		4	2148	40	W			
	25			JN			1081	77	S			
	32			JN			1120	83	S			
	46						1065	60	N			
	52						1088	72	N			
	59			FN JN		4	2116	10	S			
	63			JN			1012	72	E			
				JN			1095	63	S			
	67			FN JN		3	2121	36	S			
	70			JN			1083	78	S			
	80			JN			1152	67	W			
	105						1034	57	E			
	107					3	2107	50	S			
	114						1033	78	E			
	125						1031	90	E			
	130						1100	68	S			
	142						1170	86	W			
	150						1118	82	S			
	156						1098	59	N			
	167						1101	78	S			
	173						1176	46	W			
P063	62	MST	R3	JN			1150	87	E			
	71						1119	82	N			
	148	MSD	R4	JN			1023	84	E			
	151						1017	85	E			
	160					3	2025	88	W			
	193					4	2029	84	W			

TRAVERSE STATION

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COORDINATES

NORTH

EAST

ELEVATION

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PLUNGE TREND

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BENCH

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LENGTH

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NO. OF OBS.

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Trav. No.	Dist.	Rock Tp.	Hdn.	Struc	Jn.Spcg.	No. of J/S	Strike	Dip	Dir.	Infilling	DISC. LENGTH	G.I.G. LENGTH
P063	200	MSD	R4	JN			1169	83	W			
P056	1						1130	71	N			
				FN	JN	4	2063	42	S			
	6	QTZ				2	3077	40	S			
	10	MSD		FL			1607	70	W	QPS	20	5
	25	QTZ		FN	JN	1	5144	25	E			
	28				JN	1	3150	71	W			
	36					1	2067	76	S			
						4	2020	72	W			
				FN	JN	1	3140	42	E			
	62				JN		0027	79	W			
				FN	JN	3	3008	33	E			
	64					4	3174	43	E			
	68					4	2057	28	S			
					JN	5	2109	85	N			
	110	MST		FN	JN	1	2175	43	E			
	121				JN		1154	55	E			
	144	QTZ		FN	JN	5	3112	29	S			
	146				JN		1047	90	S			
	152				JN	1	5010	90	W			
	156			FN	JN	2	3124	51	S			
	164				JN		1151	80	W			
	171			FN	JN		1151	83	W			
	182	MST	R3			1	5100	36	S			
	185				JN		1065	81	N			
	190						1102	61	N			
	207						1090	71	N			
	220						1110	90	N			
	231						1100	84	S			
	242						1057	86	S			
P057	5	MST	R3	JN			1162	60	E			
	10						1093	84	S			
	17						1120	81	S			
	37						1093	80	S			
	49						1088	86	S			
	74						1155	54	W			
	87						1085	75	N			
	90						1114	80	S			
	95						1145	33	W			

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COORDINATES

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EAST

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PLUNGE TREND

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NO. OF OBS.

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Trav. No.	Dist.	Rock Tp.	Hdn.	Struc	Jn.Spcg.	No. of J/S	Strike	Dip	Dir.	Infilling	DISC. LENGTH	CUG. LENGTH
P057	98	MST	R3	JN		1	088	69	N			
	100					1	169	63	E			
	107					1	082	73	S			
	112				2	3	087	63	N			
	114					1	150	75	W			
	123				3	2	118	84	S		20	
	128				3	2	026	78	E			
	147					1	020	78	E			
	164					1	110	70	S			
	169					1	028	58	W			
	176					1	080	80	N			
	180					1	126	87	S			
	198					1	072	68	S			
	200					1	108	86	N			
	233				2	3	069	55	N			
	239					1	034	85	E			
P058	4	MST	R3	JN		1	149	81	E			
	13	QTZ	R4	FN JN	3	2	071	26	S			
	17					1	079	40	S			
	26			JN		1	041	85	E			
	36	MST	R3	FN JN	4	3	042	33	E			
	42			JN		1	163	80	E			
	52			JN		1	167	90	W			
	60	QTZ	R4			1	016	68	W			
	72					1	162	71	W			
	86					1	030	61	W			
				FN JN		1	000	75	E			
						1	088	28	S			
	126					1	054	86	S		30	
	136					1	015	90	W			
	150					1	019	78	W			
	164					1	013	76	W			

TRAVERSE STATION

COORDINATES

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