

HERCULES C AND S M C⁹ NL

- SURFACE -

- SURVEY TRAVERSE -

- UNDERGROUND -

Station	Bearing	Course	Length	N	S	E	W	Red Lat	Red Dep	Red Level	Sta	Station	Bearing	Course	Length	N	S	E	W	Red Lat	Red Dep	Red Level	Sta
15	44	102.43	S 77.17 E	186.1				39.64	175.66			15	43	79.56	N 79.56 E	41.4				1074.47	149.98	2745.76	9
16	47	80.02	N 80.02 E	191.14				33.07	188.21			16	47	80.02	N 80.02 E	191.14				1081.69	109.29	2746.00	9
17	48	80.02	N 80.02 E	69.94				12.08	68.75			17	48	79.55	N 79.55 E	327.2				1114.76	-78.92	2748.33	
18	45	178.54	S 1.06 E	70.24				70.20	1.35			18	45	178.54	S 1.06 E	70.24				1126.84	-147.67	2749.91	
19	53	261.45	S 71.45 W	19.54				6.09	18.49			19	53	261.45	S 71.45 W	19.54				1184.12	-469.79		
20	53	341.45	N 18.15 W	2.84				2.53	0.83			20	53	341.45	N 18.15 W	2.84				1011.49	107.94		
21	58	51.58	N 51.58 E	11.2				6.86	8.77			21	58	51.58	N 51.58 E	11.2				1005.40	126.43		
22	69	149.35	S 30.25 E	13.04				37.13	21.80			22	69	149.35	S 30.25 E	13.04				1007.93	127.26		
23	70	97.51	N 47.51 E	12.16				8.64	9.54			23	70	97.51	N 47.51 E	12.16				1031.75	176.99		
24	71	72.38	N 72.38 E	19.6				5.82	18.62			24	71	72.38	N 72.38 E	19.6				994.62	155.19		
25	71	154.49	S 25.11 E	36.44				32.92	15.48			25	71	154.49	S 25.11 E	36.44				1003.26	145.65		
26	72	179.14	S 0.46 E	64.0				63.85	0.85			26	72	179.14	S 0.46 E	64.0				1009.08	127.03		
27	72	78.35	N 78.35 E	27.14				5.36	26.66			27	72	78.35	N 78.35 E	27.14				1007.93	127.26		
28	72	149.24.30	S 30.35.30 E	42.6				36.58	21.63			28	72	149.24.30	S 30.35.30 E	42.6				961.70	139.71		
29	74	77.47	N 77.47 E	20.6				4.32	19.36			29	74	77.47	N 77.47 E	20.6				961.81	139.14		
30	74	336.47	N 23.13 W	103.5				95.04				30	74	336.47	N 23.13 W	103.5				961.70	139.71		
31	74	64.14	N 64.14 E	20.4				8.84	18.31			31	74	64.14	N 64.14 E	20.4				1031.83	177.82		
32	74	333.01	N 26.59 W	14.16				13.23				32	74	333.01	N 26.59 W	14.16				1086.01	89.33	2746.48	9
33	74	222.10	S 42.10 W	6.04				4.46	4.44			33	74	222.10	S 42.10 W	6.04				1181.05	130.10		
34	74	64.04	N 64.04 E	52.6				22.36				34	74	64.04	N 64.04 E	52.6				1189.89	111.79		
35	74	241.32	S 61.32 W	12.64				5.96	11.01			35	74	241.32	S 61.32 W	12.64				1203.12	118.53		
36	74	114.52	S 65.08 E	51.4				21.58	46.57			36	74	114.52	S 65.08 E	51.4				1185.43	115.83		
37	74	161.45	S 18.15 E	52.4				49.70	16.38			37	74	161.45	S 18.15 E	52.4				1204.01	82.89		
38	74	84.10	N 84.10 E	17.04				1.73	16.93			38	74	84.10	N 84.10 E	17.04				1080.05	100.34		
39	74	28.05	N 28.05 E	5.74				4.96	2.64			39	74	28.05	N 28.05 E	5.74				1169.60	166.86	2813.10	11
40	74	73.30	N 73.30 E	32.54				9.21	31.11			40	74	73.30	N 73.30 E	32.54				1119.90	150.48	2813.45	11
41	74	153.41	S 26.19 E	19.94				17.72	8.76			41	74	153.41	S 26.19 E	19.94				1171.33	149.93	2790.64	11
42	74	136.08	S 43.52 E	37.34				26.90	25.85			42	74	136.08	S 43.52 E	37.34				1176.29	147.29		
43	74	154.15	S 25.45 E	46.84				42.05	20.28			43	74	154.15	S 25.45 E	46.84				1185.50	116.18		
44	74	228.52	S 48.52 W	6.10				4.49	5.14			44	74	228.52	S 48.52 W	6.10				1185.43	115.83		
45	74	80.65.20	N 80.65.20 E	74.34				11.72	73.36			45	74	80.65.20	N 80.65.20 E	74.34				1153.61	141.17		
46	74	345.21	N 14.59 W	36.0				34.83				46	74	345.21	N 14.59 W	36.0				1080.17	100.18		
47	74	37.38.30	N 37.38.30 E	13.84				10.86	8.37			47	74	37.38.30	N 37.38.30 E	13.84				1080.05	100.34		
48	74	65.43	N 65.43 E	34.9				14.29	31.68			48	74	65.43	N 65.43 E	34.9				732.31	201.16		
49	74	44.08.30	N 44.08.30 E	17.54				12.53	12.16			49	74	44.08.30	N 44.08.30 E	17.54				676.85	248.93	2851.96	50
50	74	46.33	N 46.33 E	9.6				6.33	6.90			50	74	46.33	N 46.33 E	9.6				702.00	208.88		
51	74	179.00	S 1.0 E	70.8				70.65	1.23			51	74	179.00	S 1.0 E	70.8				714.53	196.72		
52	74	184.41	S 4.41 W	55.4				55.14	4.51			52	74	184.41	S 4.41 W	55.4				721.06	189.82		
53	74	241.03	S 61.03 W	10.44				5.01	9.06			53	74	241.03	S 61.03 W	10.44				1011.04	108.06		
54	74	275.06	N 84.54 W	35.74				3.16	35.48			54	74	275.06	N 84.54 W	35.74				955.00	112.57		
55	74	266.51	S 86.51 W	26.10				1.47	26.79			55	74	266.51	S 86.51 W	26.10				950.89	121.63		
56	74	221.01	S 41.01 W	26.44				19.90	17.31			56	74	221.01	S 41.01 W	26.44				954.05	157.11		
57	74	162.11	S 17.49 E	17.14				17.12	5.50			57	74	162.11	S 17.49 E	17.14				952.58	183.90		
58	74	158.42	S 21.18 E	40.44				37.61	14.66			58	74	158.42	S 21.18 E	40.44				932.68	201.21		
59	74	24.38	S 24.38 N	33.04				30.05	13.78			59	74	24.38	S 24.38 N	33.04				915.56	195.71		
60	74	25.51	S 25.51 W	47.04				43.01	20.84			60	74	25.51	S 25.51 W	47.04				877.75	181.05	2755.00	
61	74	306.29	N 53.31 W	23.16				14.18	19.18			61	74	306.29	N 53.31 W	23.16				847.70	194.83	2754.18	
62	74	337.10	N 22.50 W	35.64				32.69	13.76			62	74	337.10	N 22.50 W	35.64				804.69	215.67	2753.00	
63	74	337.52.30	N 22.07.30 W	23.34				21.56	8.76			63	74	337.52.30	N 22.07.30 W	23.34				861.88	214.01		
64	74	113.19.30	S 66.40.30 E	34.34				13.58	31.49			64	74	113.19.30	S 66.40.30 E	34.34				894.56	227.77		
65	74	93.23	S 86.37 E	7.5				0.44	7.41			65	74	93.23	S 86.37 E	7.5				916.12	236.53		
66	74	139.36	S 40.24 E	7.24				5.48	4.67			66	74	139.36	S 40.24 E	7.24				834.12	163.34		
67	74	214.50.40	S 16.09.20 E	8.04				7.72	2.24			67	74	214.50.40	S 16.09.20 E	8.04				877.31	173.64		
68	74	139.03	S 40.51 E	21.8				16.33	14.17			68	74	139.03	S 40.51 E	21.8				872.87	176.38		
69	74	353.14.30	N 6.45.30 W	8.10				8.77	1.04			69	74	353.14.30	N 6.45.30 W	8.10				872.85	176.37		
70	74	64.03	N 64.03 E	18.44				8.05	16.54			70	74	64.03	N 64.03 E	18.44				864.54	174.14	2752.00	
71	74	35.22	N 35.22 E	16.84				13.64	9.68			71	74	35.22	N 35.22 E	16.84				848.15	159.97		
72	74	1.14.30	N 1.14.30 E	37.24				37.17	0.81			72	74	1.14.30	N 1.14.30 E	37.24				854.94	255.65		
73	74	314.43	N 45.17 W	13.34				9.35	9.44			73	74	314.43	N 45.17 W	13.34				862.99	233.11		
74	74	154.28	S 25.32 E	16.6				14.89	7.11			74	74	154.28	S 25.32 E	16.6				876.63	229.43		
75	74	87.08.40	N 87.08.40 E	20.04				1.00	20.02			75	74	87.08.40	N 87.08.40 E	20.04				913.80	228.62		
76	74	81.00	N 81.00 E	29.34				4.58	28.91			76	74	81.00	N 81.00 E	29.34				923.15	239.06		
77	74	81.59	N 81.59 E	76.54				10.46	75.71			77	74	81.59	N 81.59 E	76.54				923.11	239.01		
78	74	195.11	S 15.11 W	18.4				17.69	4.81			78	74	195.11	S 15.11 W	18.4				898.91	221.51		
79	74	196.42	S 16.42 W	34.0				32.57	9.77			79	74	196.42	S 16.42 W	34.0				899.91	201.49		
80	74	317.05.30	N 42.54.30 W	42.94				31.26	29.15			80	74	317.05.30	N 42.54.30 W	42.94				904.49	172.58		
81	74	258.26.30	S 58.26.30 W	58.14				30.42	49.52														