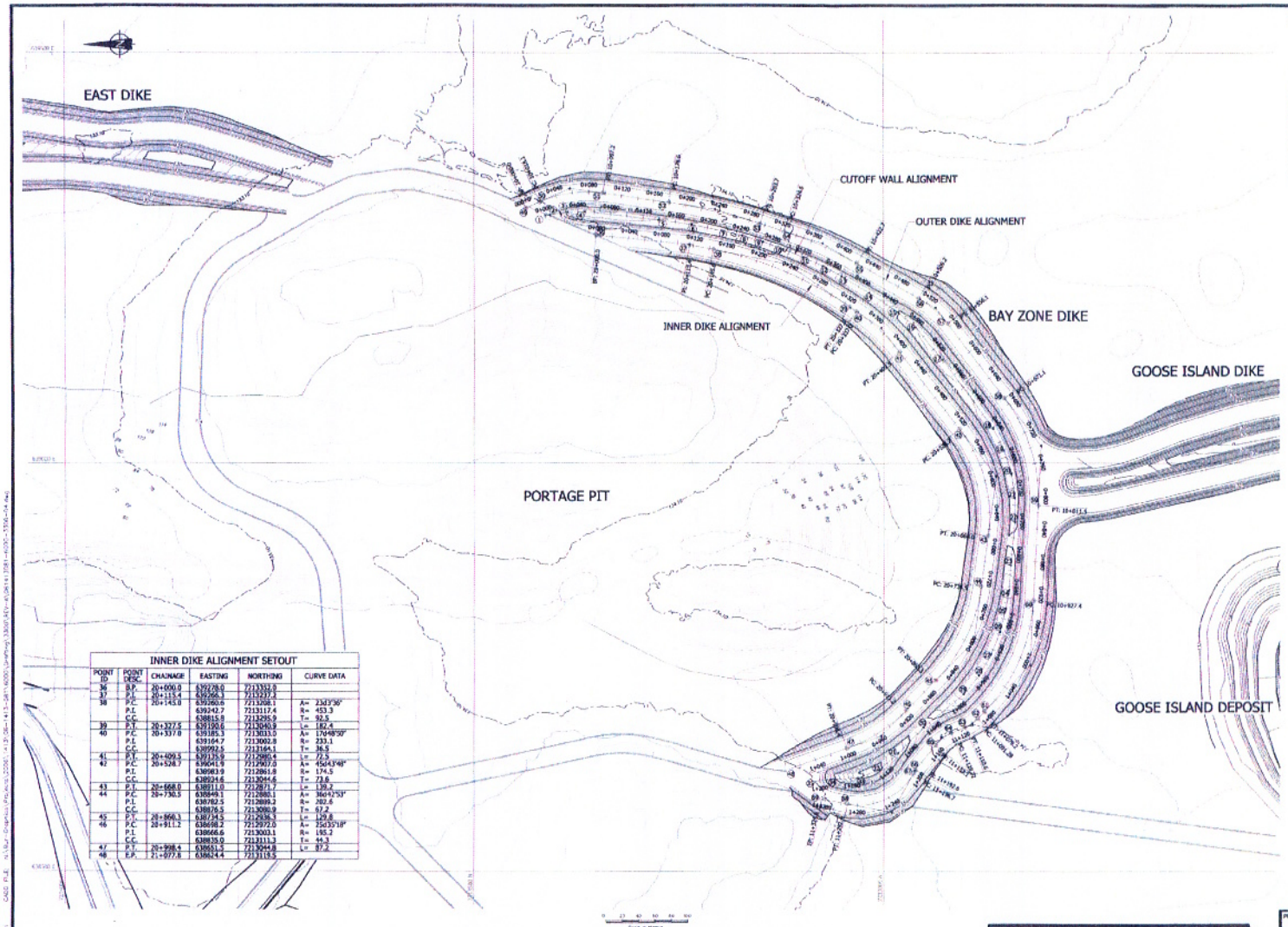

LEGEND:

- LAND-BASED TOPOGRAPHIC MAJOR CONTOURS INTERVAL 10m
- LAND-BASED TOPOGRAPHIC MINOR CONTOURS INTERVAL 2m
- BATHYMETRIC MAJOR CONTOURS INTERVAL 10m
- BATHYMETRIC MINOR CONTOURS INTERVAL 2m
- WATER SHORE LINE

NOTES:

1) ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2) ALL ELEVATIONS ARE IN METRES ABOVE SEA LEVEL (MASL), UNLESS OTHERWISE NOTED.
3) GRID REFERENCE: NAD 83, UTM ZONE 14
4) CONTOUR INFORMATION ON LAND SUPPLIED BY MEADOWBANK MINING CORPORATION.
5) CONTOURS BELOW LAKE SURFACE ARE BASED ON BATHYMETRIC AND SEISMIC SURVEYS BY GOLDER ASSOCIATES LTD., 2006.
6) LAKE CONTOURS ARE BASED ON SURVEYED LAKE SURFACE ELEVATIONS: 2ND PORTAGE LAKE = 133.1M, 3RD PORTAGE LAKE = 134.1M

CUTOFF WALL ALIGNMENT SETOUT

POINT ID	POINT DESC.	CHAINAGE	EASTING	NORTHING
1	B.P.	0+000.0	639301.3	7213413.7
2	P.I.	0+006.1	639302.8	7213407.8
3	P.I.	0+027.1	639306.0	7213386.4
4	P.I.	0+048.7	639309.5	7213364.4
5	P.I.	0+140.0	639296.4	7213274.7
6	P.I.	0+180.5	639290.7	7213234.5
7	P.I.	0+217.6	639283.5	7213198.2
8	P.I.	0+243.3	639277.5	7213172.6
9	P.I.	0+270.7	639270.0	7213147.3
10	P.I.	0+296.0	639261.1	7213123.5
11	P.I.	0+322.4	639251.3	7213098.1
12	P.I.	0+348.3	639240.4	7213074.1
13	P.I.	0+375.7	639228.1	7213050.4
14	P.I.	0+414.4	639209.9	7213017.6
15	P.I.	0+437.0	639183.5	7212992.5
16	P.I.	0+485.3	639165.5	7212968.5
17	P.I.	0+537.4	639158	7212927.4
18	P.I.	0+641.5	639042.2	7212863.3
19	P.I.	0+671.6	639014.4	7212851.6
20	P.I.	0+701.4	638989.7	7212843.3
21	P.I.	0+731.5	638957.3	7212839.3
22	P.I.	0+760.6	638927.9	7212839.0
23	P.I.	0+811.6	638875.1	7212844.4
24	P.I.	0+844.5	638844.6	7212846.6
25	P.I.	0+867.1	638822.0	7212848.9
26	P.I.	0+896.4	638793.6	7212853.5
27	P.I.	0+931.6	638766.2	7212868.3
28	P.I.	0+951.6	638749.5	7212883.1
29	P.I.	0+968.7	638737.2	7212901.8
30	P.I.	1+048.9	638677.3	7212953.9
31	P.I.	1+092.4	638645.5	7212982.4
32	P.I.	1+123.6	638625.3	7213007.2
33	P.I.	1+162.5	638614.9	7213038.8
34	P.I.	1+183.6	638613.3	7213058.0
35	E.P.	1+206.3	638610.5	7213081.5

OUTER DIKE ALIGNMENT SETOUT

POINT ID	POINT DESC.	CHAINAGE	EASTING	NORTHING	CURVE DATA
49	B.P.	10+000.0	639318.8	7213437.3	
50	P.T.	10+018.1	639318.3	7213420.9	A= 32d34'55"
	P.I.		639335.1	7213383.8	R= 139.2
	C.C.		639191.5	7213363.4	T= 40.7
51	P.T.	10+097.2	639129.3	7213343.6	L= 79.1
52	P.C.	10+178.6	639117.7	7213263.0	A= 90d02'23"
	P.I.		639309.5	7213205.9	R= 206.3
	C.C.		638618.6	7213363.4	T= 57.7
53	P.T.	10+283.7	639202.1	7213160.9	L= 115.1
54	P.C.	10+324.5	639262.9	7213121.5	A= 13d28'38"
	P.I.		639048.1	7213074.5	R= 463.1
	C.C.		638841.3	7213268.8	T= 49.3
55	P.T.	10+422.7	639243.7	7213031.7	L= 98.2
56	P.C.	10+509.2	639200.9	7212956.5	A= 22d49'59"
	P.I.		639188.1	7212935.0	R= 117.8
	C.C.		639088.5	7213014.8	T= 23.8
57	P.T.	10+556.1	639170.7	7212921.4	L= 46.5
58	P.C.	10+671.1	639078.0	7212851.5	A= 40d25'53"
	P.I.		639020.9	7212806.7	R= 198.9
	C.C.		638937.9	7212906.1	T= 73.3
59	P.T.	10+811.5	638947.7	7212815.5	L= 140.4
60	P.C.	10+927.4	638832.0	7212816.4	A= 41d51'46"
	P.I.		638752.6	7212836.4	R= 207.8
	C.C.		638842.6	7212923.9	T= 79.5
61	P.T.	11+076.3	638696	7212876.5	L= 151.8
62	P.C.	11+091.3	638687.7	7212884.9	A= 23d54'4"
	P.I.		638680.7	7212891.7	R= 50.0
	C.C.		638722.9	7212920.4	T= 9.8
63	P.T.	11+110.6	638676.9	7212900.7	L= 19.3
64	P.C.	11+128.7	638669.8	7212917.4	A= 27d58'7"
	P.I.		638664.9	7212928.9	R= 50.0
	C.C.		638623.8	7212897.0	T= 12.5
65	P.T.	11+153.1	638655.2	7212876.1	L= 24.4
66	P.C.	11+182.6	638634.5	7212851.5	
67	P.C.	11+196.7	638630.9	7212843.5	A= 72d24'18"
	P.I.		638572.2	7212990.1	R= 75.7
	C.C.		638557.2	7213029.9	T= 53.4
68	P.T.	11+282.4	638582.9	7213044.5	L= 95.7
69	E.P.	11+324.6	638589.1	7213076.1	

INNER DIKE ALIGNMENT SETOUT

POINT ID	POINT DESC.	CHAINAGE	EASTING	NORTHING	CURVE DATA
36	B.P.	20+000.0	639278.0	7213332.9	
37	P.C.	20+113.4	639266.3	7213221.2	
38	P.C.	20+145.0	639260.6	7213208.1	A= 23d3'36"
	P.I.		639242.7	7213117.4	R= 453.3
	C.C.		638815.8	7213235.9	T= 92.5
39	P.T.	20+327.5	639190.6	7213060.9	L= 182.4
40	P.C.	20+337.0	639185.3	7213033.0	A= 17d48'50"
	P.I.		639164.7	7213002.8	R= 233.1
	C.C.		639992.5	7213164.1	T= 36.5
41	P.T.	20+409.5	639135.9	7212980.4	L= 72.5
42	P.C.	20+528.7	639041.9	7212907.5	A= 45d43'48"
	P.I.		638983.9	7212861.8	R= 174.5
	C.C.		639214.6	7213044.6	T= 73.6
43	P.T.	20+668.0	638911.0	7212871.7	L= 139.2
44	P.C.	20+730.5	638849.1	7212880.1	A= 36d42'53"
	P.I.		638782.5	7212889.2	R= 202.6
	C.C.		638876.5	7213080.9	T= 67.2
45	P.T.	20+866.1	638734.5	7212936.3	L= 135.6
46	P.C.	20+911.2	638698.2	7212972.0	A= 35d35'18"
	P.I.		638666.6	7213003.1	R= 185.2
	C.C.		638835.0	7213111.1	T= 44.3
47	P.T.	20+998.4	638651.5	7213044.8	L= 87.2
48	E.P.	21+077.6	638624.4	7213118.5	

NOT FOR CONSTRUCTION

REV	DATE	DES	REVISION DESCRIPTION	CADD	CHK	RVW
A	27NOV96	-	ISSUED FOR TENDER	EA	PW	-

DRAWING NO. | REFERENCES

STAMP: REGISTERED PROFESSIONAL ENGINEER — T.L. EDWARDS — LICENSEE — Mar 17/07 — N.W.T.

PROJECT: **MEADOWBANK MINING CORPORATION**

TITLE: **MEADOWBANK GOLD PROJECT PROPOSED DIKE LAYOUT PLAN (2 OF 3) BAY ZONE DIKE**

Golder Associates

PROJECT No.	06-1413-081	FILE No.	06141308I 6000-3300-04
DESIGN	SA	27NOV96	SCALE AS SHOWN REV. A
CADD	EA	27NOV96	6000-04
CHECK	-	-	
REVIEW	-	-	