Planimeter program Date: 04-26-1991 Time: 11:01:54

Region 1 (MAP SCALE: 1 inch= 200 feet)

DISTURBED AREA, ROAD IN NEW PAD AREA YELLOW

	AREA	total		PERIMETER	total
ACRES:	0.341	0.341			
SQ. MILES:	0.001	0.001	MILES:	0.229	0.229
SQ. YARDS:	1,648.562	1,648.562	YARDS:	403.115	403.115
SQ. FEET:	14,837.060	14,837.060	FEET:	1,209.346	1,209.346
SQ. METERS:	1,378.408	1,378.408	METERS:	368.591	368.591
SQ.IN(map):	0.371	6.047	INCH (map):	6.047	6.047

Region 2 (MAP SCALE: 1 inch= 200 feet)

ALL NEW PAD AREA (BOLD BORDER

	AREA	total		PERIMETER	total
ACRES:	12.036	12.376			
SQ. MILES:	0.019	0.019	MILES:	0.778	1.007
SQ. YARDS:	58,252.641	59,901.203	YARDS:	1,368.696	1,771.811
SQ. FEET:	524,273.750	539,110.813	FEET:	4,106.088	5,315.434
SQ. METERS:	48,706.625	50,085.035	METERS:	1,251.475	1,620.065
SQ.IN(map):	13.107	26.577	INCH (map):	20.530	26.577

Region 3 (MAP SCALE: 1 inch= 200 feet)

NEW ACREAGE TO BE DISTURBED (GREEN)

	AREA	total		PERIMETER	total
ACRES:	5.236	17.613			
SQ. MILES:	0.008	0.028	MILES:	0.444	1.450
SQ. YARDS:	25,344.467	85,245.672	YARDS:	780.731	2,552.542
SQ. FEET:	228,100.203	767,211.000	FEET:	2,342.192	7,657.626
SQ. METERS:	21,191.203	71,276.234	METERS:	713.865	2,333.931
SQ.IN(map):	5.703	38.288	INCH (map):	11.711	38.288

Region 4 (MAP SCALE: 1 inch= 200 feet)

NEW ... DISTURBED (GREEN)

	AREA	total		PERIMETER	total
ACRES:	0.382	17.995			
SQ. MILES:	0.001	0.028	MILES:	0.188	1.639
SQ. YARDS:	1,850.402	87,096.070	YARDS:	331.231	2,883.774
SQ. FEET:	16,653.619	783,864.625	FEET:	993.694	8,651.321
SQ. METERS:	1,547.172	72,823.406	METERS:	302.863	2,636.794
SQ.IN(map):	0.416	43.257	INCH (map):	4.968	43.257

Region 5 (MAP SCALE: 1 inch= 200 feet)

NEW ... DISTURBED, WEST ROAD (GREEN)

	AREA	total		PERIMETER	total
ACRES:	0.439	18.434			
SQ. MILES:	0.001	0.029	MILES:	0.319	1.958
SQ. YARDS:	2,123.104	89,219.172	YARDS:	562.217	3,445.990
SQ. FEET:	19,107.939	802,972.563	FEET:	1,686.650	10,337.971
SQ. METERS:	1,775.186	74,598.594	METERS:	514.066	3,150.860
SQ.IN(map):	0.478	51.690	INCH (map):	8.433	51.690

Region 6 (MAP SCALE: 1 inch= 200 feet)

NEW ... DISTURBED, NORTH, NEW PAD

	AREA	total		PERIMETER	total

ACRES:	1.102	19.536
SQ. MILES:	0.002	0.031
SQ. YARDS:	5,335.327	94,554.500
SQ. FEET:	48,017.941	850,990.500
SQ. METERS:	4,461.013	79,059.609
SQ.IN(map):	1.200	56.352

MILES:	0.177	2.135
YARDS:	310.834	3,756.824
FEET:	932.503	11,270.474
METERS:	284.213	3,435.073
INCH (map):	4.663	56.352

NEW... DISTURBED, NORTH ROAD

Region 7 (MAP SCALE: 1 inch= 200 feet)

	AREA	total
ACRES:	0.276	19.812
SQ. MILES:	0.000	0.031
SQ. YARDS:	1,337.622	95,892.125
SQ. FEET:	12,038.601	863,029.125
SQ. METERS:	1,118.423	80,178.031
SQ.IN(map):	0.301	61.962

	PERIMETER	total
MILES:	0.212	2.347
YARDS:	373.973	4,130.797
FEET:	1,121.918	12,392.392
METERS:	341.944	3,777.017
INCH (map):	5.610	61.962

SOILS 6-8"

Region 8 (MAP SCALE: 1 inch= 200 feet)

	AREA	total
ACRES:	2.045	21.857
SQ. MILES:	0.003	0.034
SQ. YARDS:	9,896.214	105,788.336
SQ. FEET:	89,065.922	952,095.063
SQ. METERS:	8,274.495	88,452.523
SQ.IN(map):	2.227	68.964

	PERIMETER	total
MILES:	0.265	2.612
YARDS:	466.800	4,597.598
FEET:	1,400.400	13,792.792
METERS:	426.821	4,203.838
INCH (map):	7.002	68.964

SOILS 10-12"

Region 9 (MAP SCALE: 1 inch= 200 feet)

	AREA	total
ACRES:	0.188	22.046
SQ. MILES:	0.000	0.034
SQ. YARDS:	912.113	106,700.453
SQ. FEET:	8,209.020	960,304.063
SQ. METERS:	762.643	89,215.164
SQ.IN(map):	0.205	70.906

	PERIMETER	total
MILES:	0.074	2.686
YARDS:	129.466	4,727.064
FEET:	388.399	14,181.191
METERS:	118.378	4,322.217
INCH (map):	1.942	70.906

SOILS 12-14"

Region 10 (MAP SCALE: 1 inch= 200 feet)

	AREA	total
ACRES:	2.363	24.409
SQ. MILES:	0.004	0.038
SQ. YARDS:	11,439.130	118,139.586
SQ. FEET:	102,952.172	1,063,256.250
SQ. METERS:	9,564.570	98,779.734
SQ.IN(map):	2.574	77.884

	PERIMETER	total
MILES:	0.264	2.950
YARDS:	465.215	5,192.279
FEET:	1,395.644	15,576.836
METERS:	425.372	4,747.588
INCH (map):	6.978	77.884

SOILS 10-12"

Region 11 (MAP SCALE: 1 inch= 200 feet)

	AREA	total
ACRES:	3.202	27.611
SQ. MILES:	0.005	0.043
SQ. YARDS:	15,495.554	133,635.141
SQ. FEET:	139,459.984	1,202,716.250
SQ. METERS:	12,956.257	111,735.992

	PERIMETER	total
MILES:	0.389	3.339
YARDS:	684.938	5,877.216
FEET:	2,054.813	17,631.648
METERS:	626.276	5,373.865

SQ.IN(map):	3.486	88.158	INCH (map):	10.274	88.158

SOILS
6-8"

Region 12 (MAP SCALE: 1 inch= 200 feet)

	AREA	total		PERIMETER	total
ACRES:	0.477	28.088			
SQ. MILES:	0.001	0.044	MILES:	0.249	3.588
SQ. YARDS:	2,308.429	135,943.563	YARDS:	438.005	6,315.221
SQ. FEET:	20,775.859	1,223,492.125	FEET:	1,314.015	18,945.664
SQ. METERS:	1,930.141	113,666.133	METERS:	400.492	5,774.357
SQ.IN(map):	0.519	94.728	INCH (map):	6.570	94.728

SOILS
<6"

Region 13 (MAP SCALE: 1 inch= 200 feet)

	AREA	total		PERIMETER	total
ACRES:	0.567	28.654			
SQ. MILES:	0.001	0.045	MILES:	0.141	3.729
SQ. YARDS:	2,743.611	138,687.172	YARDS:	248.477	6,563.698
SQ. FEET:	24,692.500	1,248,184.625	FEET:	745.430	19,691.094
SQ. METERS:	2,294.008	115,960.141	METERS:	227.196	6,001.553
SQ.IN(map):	0.617	98.455	INCH (map):	3.727	98.455

SOILS 3.52-0.19=3.33
8-10"

Region 14 (MAP SCALE: 1 inch= 200 feet)

	AREA	total		PERIMETER	total
ACRES:	3.523	32.178			
SQ. MILES:	0.006	0.050	MILES:	0.700	4.429
SQ. YARDS:	17,053.543	155,740.719	YARDS:	1,231.678	7,795.376
SQ. FEET:	153,481.891	1,401,666.500	FEET:	3,695.035	23,386.129
SQ. METERS:	14,258.935	130,219.078	METERS:	1,126.192	7,127.745
SQ.IN(map):	3.837	116.931	INCH (map):	18.475	116.931

RECLAMATION
STOCKPILE + CRUSHER AREA

Region 15 (MAP SCALE: 1 inch= 200 feet)

	AREA	total		PERIMETER	total
ACRES:	1.268	33.446			
SQ. MILES:	0.002	0.052	MILES:	0.187	4.616
SQ. YARDS:	6,138.118	161,878.844	YARDS:	328.811	8,124.187
SQ. FEET:	55,243.059	1,456,909.500	FEET:	986.433	24,372.563
SQ. METERS:	5,132.248	135,351.328	METERS:	300.650	7,428.396
SQ.IN(map):	1.381	121.863	INCH (map):	4.932	121.863

RECLAMATION
SOIL STOCKPILE

Region 16 (MAP SCALE: 1 inch= 200 feet)

	AREA	total		PERIMETER	total
ACRES:	2.074	35.520			
SQ. MILES:	0.003	0.056	MILES:	0.217	4.833
SQ. YARDS:	10,039.980	171,918.828	YARDS:	382.709	8,506.896
SQ. FEET:	90,359.820	1,547,269.375	FEET:	1,148.128	25,520.689
SQ. METERS:	8,394.702	143,746.031	METERS:	349.932	7,778.328
SQ.IN(map):	2.259	127.603	INCH (map):	5.741	127.603

Planimeter program Date: 04-26-1991 Time: 10:58:24

M/027/007
JUMBO MINING CO.
DRUM MINE
NEW HEAP APPLICATION

Region 1 (MAP SCALE: 1 inch= 200 feet)

PREVIOUSLY DISTURBED (YELLOW)

	AREA	total	PERIMETER	total
ACRES:	8.472	8.472		
SQ. MILES:	0.013	0.013	MILES:	0.982
SQ. YARDS:	41,002.332	41,002.332	YARDS:	1,729.148
SQ. FEET:	369,021.000	369,021.000	FEET:	5,187.445
SQ. METERS:	34,283.172	34,283.172	METERS:	1,581.056
SQ.IN(map):	9.226	25.937	INCH (map):	25.937