

1	A	B	C	D	E	F	G	
1	Parameter	Willot-Defined Anomalies						
2	Description	Scour Anomaly A	Anomaly B	Anomaly C	Anomaly D	Anomaly E (Already mined)	Anomaly E + hypothetical 1000 ft setback (Already mined)	
3	Total Contained Area (actual) (sq ft)	7,087,778	6,217,769	3,036,529	1,285,263	1,278,379	5,168,393	
4	Assumed Extraction Ratio	0.49	0.49	0.49	0.49	0.86	0.86	
5	Salt Thickness Removed (ft)	10.00	10.00	10.00	10.00	10.00	10.00	
6	Volume Salt Extracted (cu ft)	34,730,112.20	30,467,068.10	14,878,992.10	6,297,788.70	10,994,059.40	44,448,179.80	
7	Salt Density (lbs/cu ft)	134.84	134.84	134.84	134.84	134.84	134.84	
8	Amount Salt Extracted (lbs)	4,683,008,329.05	4,108,179,462.60	2,006,283,294.76	849,193,828.31	1,482,438,969.50	5,993,392,564.23	
9	Amount Salt Extracted (tons)	2,341,504.16	2,054,089.73	1,003,141.65	424,596.91	741,219.48	2,996,696.28	
10	gross revenue if 80% mined salt is sold at \$57.84/ton	108,346,080.70	95,046,840.05	46,417,370.31	19,646,948.41	34,297,708.00	138,663,130.37	
11	gross revenue if 85% mined salt is sold at \$57.84/ton	115,117,710.74	100,987,267.55	49,318,455.95	20,874,882.69	36,441,314.75	147,329,576.01	
12	gross revenue if all mined salt is sold at \$57.84/ton	135,432,600.88	118,808,550.06	58,021,712.88	24,558,685.51	42,872,135.00	173,328,912.96	

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14 Anomaly boundaries plotted by Karen Edelstein

15 In 2015, Cayuga Salt Mine production was ~2.5 MM short tons, and the weighted average price of Untreated and Treated Type I salt averaged \$57.84/ton for Cargill Deicing in NYS

Because it was already mined, the boundaries for columns F and G trace the already-mined areas beneath the deeply-scoured ellipse (and a 1000' setback, in the case of column G). Therefore, the relevant total contained areas are equal only to the areas which have been mined using small yielding pillars,

16 and the extraction ratio reflects this as well