

Sacandaga Basin Mineral Wealth
1st Phase and 3rd Phase Pure Metal Comparison

Mineral	1st Phase WCP/DSP		3rd Phase Lakebed		Market Price
	Tonne/Yr	Value US \$	Tonne/Yr	Value US \$	1-Dec-21
Ga	2,190	578,160,000	30,720	8,110,080,000	264,000
Ni	1,300	11,440,000	18,240	160,512,000	8,800
Co	1,565	93,900,000	21,920	1,315,200,000	60,000
Nd	3,200	160,000,000	44,800	2,240,000,000	50,000
Dy	925	11,988,000	12,960	3,369,600,000	260,000
Al	971,400	1,165,680,000	13,600,000	16,320,000,000	1,200
F	770,285	246,491,200	10,784,000	3,450,880,000	320
Pr	777	45,843,000	10,880	641,920,000	59,000
Ce	6,200	31,930,000	86,880	447,432,000	5,150
La	2,500	12,000,000	35,200	168,960,000	4,800
Bi	308	4,065,600	4,320	57,024,000	13,200
Y	105,600	3,379,200,000	1,478,400	47,308,800,000	32,000
Sb	55	321,200	800	4,672,000	5,840
Nb	2,845	128,025,000	39,840	1,792,800,000	45,000
Ta	170	26,860,000	2,400	379,200,000	158,000
Hf	695	834,000,000	9,760	11,712,000,000	1,200,000
W	150	990,000	2,080	13,728,000	6,600
V	24,605	649,572,000	344,480	9,094,272,000	26,400
Sn	515	20,085,000	7,200	280,800,000	39,000
Mg	570,000	2,639,100,000	8,000,000	37,040,000,000	4,630
Ge	20	20,000,000	280	280,000,000	1,000,000
Ti	914,000	3,656,000,000	12,800,000	51,200,000,000	4,000
Zn	14,550	40,012,500	203,680	560,120,000	2,750
Graphite C	11,430	11,430,000	160,000	160,000,000	1,000
Ind Dia C	34,285	22,285,250,000	480,000	312,000,000,000	650,000
Cr	5,020	16,566,000	70,400	232,320,000	3,300
As	45	144,000	640	2,048,000	3,200
Pb	1,200	1,399,200	16,800	19,588,800	1,166
U	125	7,975,000	1,760	112,288,000	63,800

Sacandaga Basin Mineral Wealth
1st Phase and 3rd Phase Pure Metal Comparison

Mineral	1st Phase WCP/DSP		3rd Phase Lakebed		Market Price
	Tonne/Yr	Value US \$	Tonne/Yr	Value US \$	1-Dec-21
P	49,480	3,711,000	692,800	51,960,000	75
Sr	11,800	40,120,000	165,400	562,360,000	3,400
Cu	1,250	11,825,000	17,600	166,496,000	9,460
Be	180	4,860,000,000	2,560	69,120,000,000	27,000,000
Feldspar	228,500	17,137,500	3,200,000	240,000,000	75
Ba	25,140	3,016,800	352,000	42,240,000	120
Sm	754	9,802,000	10,560	137,280,000	13,000
Mn	114,280	228,560,000	1,600,000	3,200,000,000	2,000
Li	1,250	36,250,000	17,600	510,400,000	*29,000
K	285,700	71,425,000	4,000,000	1,000,000,000	250
Ag	11	8,030,000	160	116,800,000	730,000
Th	465	133,455,000	6,560	1,882,720,000	287,000
Tb	2,740	20,495,200,000	38,400	287,232,000,000	7,480,000
Cd	80	192,000	1,120	2,688,000	2,400
Zr	28,570	22,856,000	400,000	320,000,000	800
Mo	350	4,235,000	4,960	60,016,000	12,100
Fe	125,710	7,542,600	1,760,000	105,600,000	60
Cs	70	5,600,000,000	982	78,560,000,000	80,000,000
Er	570	15,960,000	8,000	224,000,000	*28,000
Eu	135	39,150,000	1,920	556,800,000	290,000
Gd	740	22,200,000	10,400	312,000,000	*30,000
Ho	205	12,095,000	2,880	169,920,000	*59,000
Lu	93	57,660,000	1,312	813,440,000	*620,000
Rb	1,530	191,250,000,000	21,440	2,680,000,000,000	125,000,000
Sc	1,520	4,864,000,000	21,280	68,096,000,000	3,200,000
Tm	182	9,100,000,000	2,560	128,000,000,000	50,000,000
Yb	594	9,504,000	8,320	133,120,000	*16,000
Tonne PER YEAR Total			PER YEAR Total		
273,002,354,600			3,830,090,084,800		