



Figure 1 - Property Location

Historical rock samples at Kipawa West												
Sample No	78690036	78690037	78690061	78690062	78690063	78690101	78690103	78690105	78690106	78690109	78690118	78690122
Type	Boulder	Boulder	Boulder	Boulder	Boulder	Boulder	Boulder	Boulder	Boulder	Outcrop	Boulder	Boulder
La ₂ O ₃	1.29%	0.47%	5.90%	1.69%	5.27%	0.23%	1.11%	2.20%	0.11%	0.39%	0.16%	1.62%
Ce ₂ O ₃	2.62%	0.91%	8.01%	2.27%	7.05%	0.58%	1.43%	2.93%	0.29%	0.95%	0.40%	2.17%
Pr ₂ O ₃	0.29%	0.09%	0.67%	0.21%	0.60%	0.07%	0.13%	0.26%	0.03%	0.12%	0.05%	0.19%
Nd ₂ O ₃	0.94%	0.28%	1.91%	0.56%	1.70%	0.30%	0.33%	0.71%	0.14%	0.46%	0.20%	0.51%
Sm ₂ O ₃	0.11%	0.04%	0.14%	0.04%	0.12%	0.08%	0.02%	0.05%	0.04%	0.11%	0.04%	0.04%
Eu ₂ O ₃	0.01%	0.00%	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%	0.01%	0.01%	0.01%	0.00%
Gd ₂ O ₃	0.09%	0.03%	0.07%	0.05%	0.06%	0.08%	0.02%	0.06%	0.04%	0.10%	0.04%	0.04%
Tb ₂ O ₃	0.01%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.01%	0.02%	0.01%	0.00%
Dy ₂ O ₃	0.03%	0.01%	0.01%	0.01%	0.01%	0.14%	0.00%	0.01%	0.09%	0.16%	0.05%	0.00%
Ho ₂ O ₃	0.01%	0.00%	0.00%	0.00%	0.00%	0.04%	0.00%	0.00%	0.02%	0.03%	0.01%	0.00%
Er ₂ O ₃	0.02%	0.00%	0.00%	0.00%	0.00%	0.12%	0.00%	0.01%	0.08%	0.09%	0.03%	0.00%
Tm ₂ O ₃	0.00%	0.00%	0.00%	0.00%	0.00%	0.02%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%
Yb ₂ O ₃	0.01%	0.00%	0.00%	0.00%	0.00%	0.10%	0.00%	0.00%	0.08%	0.06%	0.02%	0.00%
Lu ₂ O ₃	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%
Y ₂ O ₃	0.15%	0.05%	0.04%	0.02%	0.03%	0.77%	0.02%	0.05%	0.48%	0.60%	0.31%	0.02%
LREO	5.25%	1.77%	16.63%	4.77%	14.74%	1.26%	3.02%	6.16%	0.61%	2.03%	0.85%	4.54%
HREO	0.33%	0.10%	0.14%	0.09%	0.12%	1.32%	0.05%	0.15%	0.83%	1.09%	0.49%	0.08%
TREO	5.58%	1.88%	16.77%	4.86%	14.86%	2.58%	3.08%	6.31%	1.45%	3.12%	1.34%	4.61%
HREO/TREO	5.88%	5.57%	0.83%	1.80%	0.78%	51.03%	1.71%	2.35%	57.56%	34.94%	36.32%	1.67%

Table1: Historical sock samples with more than 1% Total Rare Earth Elements (TREO) at Kipawa West

Note: LREO: Light Rare Earths Oxides includes the elements lanthanum to samarium, shown as oxides.
HREO: Heavy Rare Earth Oxides includes the elements europium to lutetium, plus yttrium, shown as oxides.
TREO: Total Rare Earth Oxides includes the elements lanthanum to lutetium, plus yttrium, shown as oxides.
HREO/TREO: The proportion of HREO of TREO shown as a percentage.