

Bokan Mountain Property



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Dotson Ridge Rare Earth Project

Cautionary Notes and Disclaimers

This presentation may contain forward-looking statements including, but not limited to, comments regarding the timing and content of upcoming work programs, geological interpretations, receipt of property titles, potential mineral recovery processes, and other related matters. Forward-looking statements address future events and conditions and therefore involve inherent risks and uncertainties. The Ucore Rare Metals Inc. properties are at an early stage. More work is required before the mineralization and the Projects' economic aspects can be confidently modeled. Actual results may differ materially from those currently anticipated in this presentation. No representation or prediction is intended as to the results of future work, nor can there be any promise that the estimates and projections herein will be sustained in future work or that the Projects will otherwise prove to be economic.



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Forward Looking



Ketchikan

Prince of Wales Island

Moira Sound

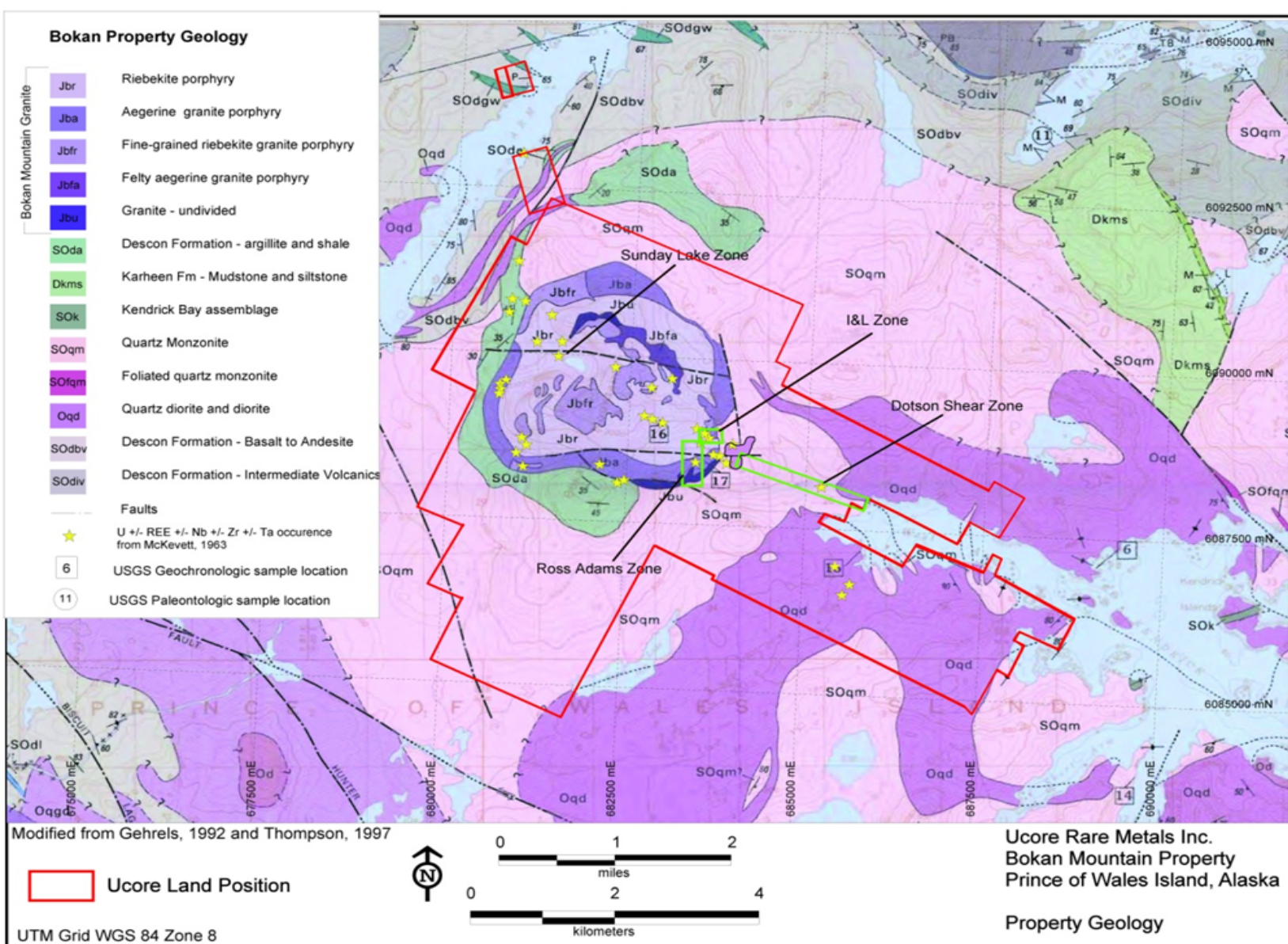
Bokan



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Location



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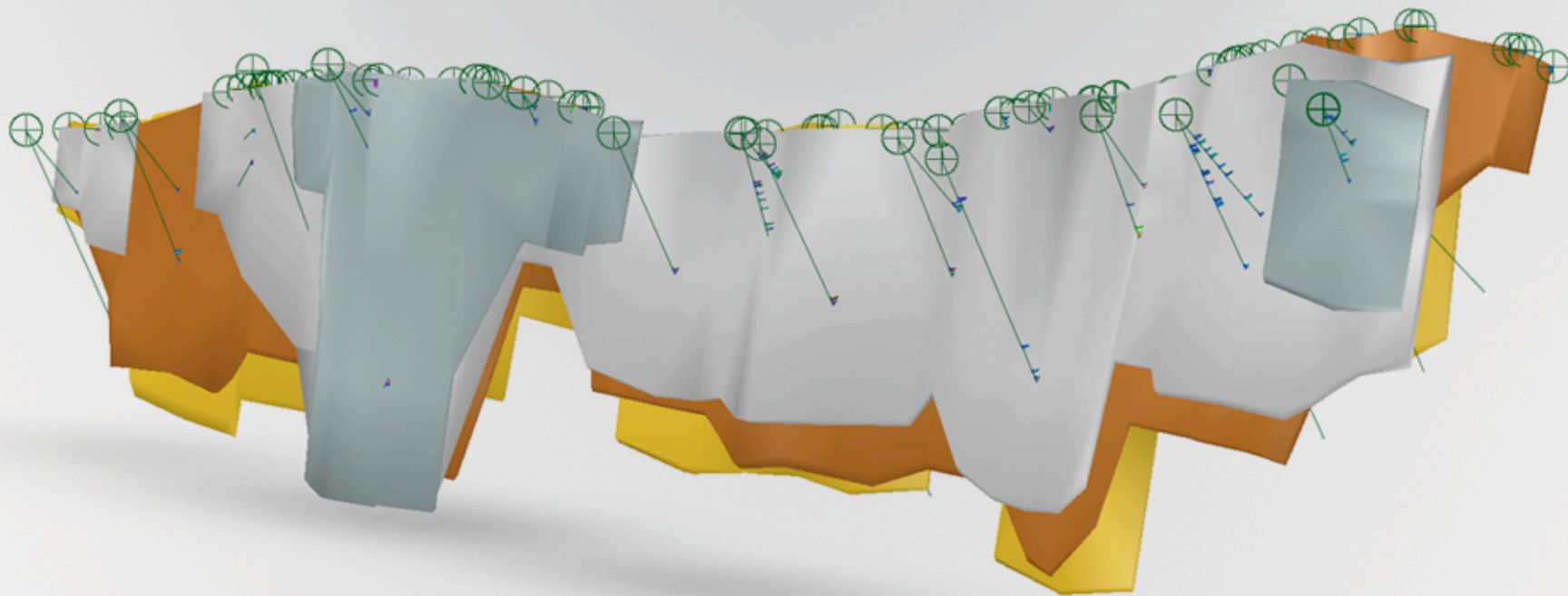
Geology/Mineralization



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Geology/Mineralization



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Geology/Mineralization

PERIODIC TABLE *of the Elements*

1 H Hydrogen 1.00794																	2 He Helium 4.002602						
3 Li Lithium 6.941	4 Be Beryllium 9.012182																	5 B Boron 10.811	6 C Carbon 12.0107	7 N Nitrogen 14.00644	8 O Oxygen 15.9994	9 F Fluorine 18.9984032	10 Ne Neon 20.1797
11 Na Sodium 22.98977	12 Mg Magnesium 24.305																	13 Al Aluminum 26.981539	14 Si Silicon 28.0855	15 P Phosphorus 30.97376	16 S Sulfur 32.065	17 Cl Chlorine 35.453	18 Ar Argon 39.948
19 K Potassium 39.0983	20 Ca Calcium 40.078	21 Sc Scandium 44.95591	22 Ti Titanium 47.887	23 V Vanadium 50.9415	24 Cr Chromium 51.9961	25 Mn Manganese 54.93805	26 Fe Iron 55.845	27 Co Cobalt 58.9332	28 Ni Nickel 58.6934	29 Cu Copper 63.546	30 Zn Zinc 65.39	31 Ga Gallium 69.723	32 Ge Germanium 72.61	33 As Arsenic 74.9216	34 Se Selenium 78.96	35 Br Bromine 79.904	36 Kr Krypton 83.8						
37 Rb Rubidium 85.4678	38 Sr Strontium 87.62	39 Y Yttrium 88.90585	40 Zr Zirconium 91.224	41 Nb Niobium 92.90638	42 Mo Molybdenum 95.94	43 Tc Technetium (98.0)	44 Ru Ruthenium 101.07	45 Rh Rhodium 102.9055	46 Pd Palladium 106.42	47 Ag Silver 107.8682	48 Cd Cadmium 112.411	49 In Indium 114.818	50 Sn Tin 118.71	51 Sb Antimony 121.76	52 Te Tellurium 127.6	53 I Iodine 126.90447	54 Xe Xenon 131.29						
55 Cs Cesium 132.90546	56 Ba Barium 137.327	57-71 Lanthanides	72 Hf Hafnium 178.49	73 Ta Tantalum 180.9479	74 W Tungsten 183.84	75 Re Rhenium 186.207	76 Os Osmium 190.23	77 Ir Iridium 192.225	78 Pt Platinum 195.08	79 Au Gold 196.96655	80 Hg Mercury 200.59	81 Tl Thallium 204.3833	82 Pb Lead 207.2	83 Bi Bismuth 208.98038	84 Po Polonium (209.0)	85 At Astatine (209.0)	86 Rn Radon (222.0)						
87 Fr Francium (223.0)	88 Ra Radium (226.0)	89-103 Actinides	104 Rf Rutherfordium (261.0)	105 Db Dubnium (262.0)	106 Sg Seaborgium (263.0)	107 Bh Bohrium (262.0)	108 Hs Hassium (265.0)	109 Mt Meitnerium (266.0)	110 Ds Darmstadtium (271.0)	111 Rg Roentgenium (272.0)	112 Cn Copernicium (277.0)	113 Uut Ununtrium (284.0)	114 Uuq Ununquadium (289.0)	115 Uup Ununpentium (289.0)	116 Uuh Ununhexium (293.0)	117 Uuhs Ununseptium (294.0)	118 Uuo Ununoctium (294.0)						

57 La Lanthanum 138.9055	58 Ce Cerium 140.116	59 Pr Praseodymium 140.90765	60 Nd Neodymium 144.24	61 Pm Promethium (145.0)	62 Sm Samarium 150.36	63 Eu Europium 151.964	64 Gd Gadolinium 157.25	65 Tb Terbium 158.92534	66 Dy Dysprosium 162.5	67 Ho Holmium 164.93031	68 Er Erbium 167.26	69 Tm Thulium 168.9342	70 Yb Ytterbium 173.04	71 Lu Lutetium 174.967
89 Ac Actinium (227.0)	90 Th Thorium 232.0381	91 Pa Protactinium 231.03689	92 U Uranium 238.02891	93 Np Neptunium (237.0)	94 Pu Plutonium (244.0)	95 Am Americium (243.0)	96 Cm Curium (247.0)	97 Bk Berkelium (247.0)	98 Cf Californium (251.0)	99 Es Einsteinium (252.0)	100 Fm Fermium (257.0)	101 Md Mendelevium (258.0)	102 No Nobelium (259.0)	103 Lr Lawrencium (262.0)

57 La Lanthanum 138.9055	58 Ce Cerium 140.116	59 Pr Praseodymium 140.90765	60 Nd Neodymium 144.24	61 Pm Promethium (145.0)	62 Sm Samarium 150.36	63 Eu Europium 151.964	64 Gd Gadolinium 157.25	65 Tb Terbium 158.92534	66 Dy Dysprosium 162.5	67 Ho Holmium 164.93031	68 Er Erbium 167.26	69 Tm Thulium 168.9342	70 Yb Ytterbium 173.04	71 Lu Lutetium 174.967
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Rare Earth Elements



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Green Technology

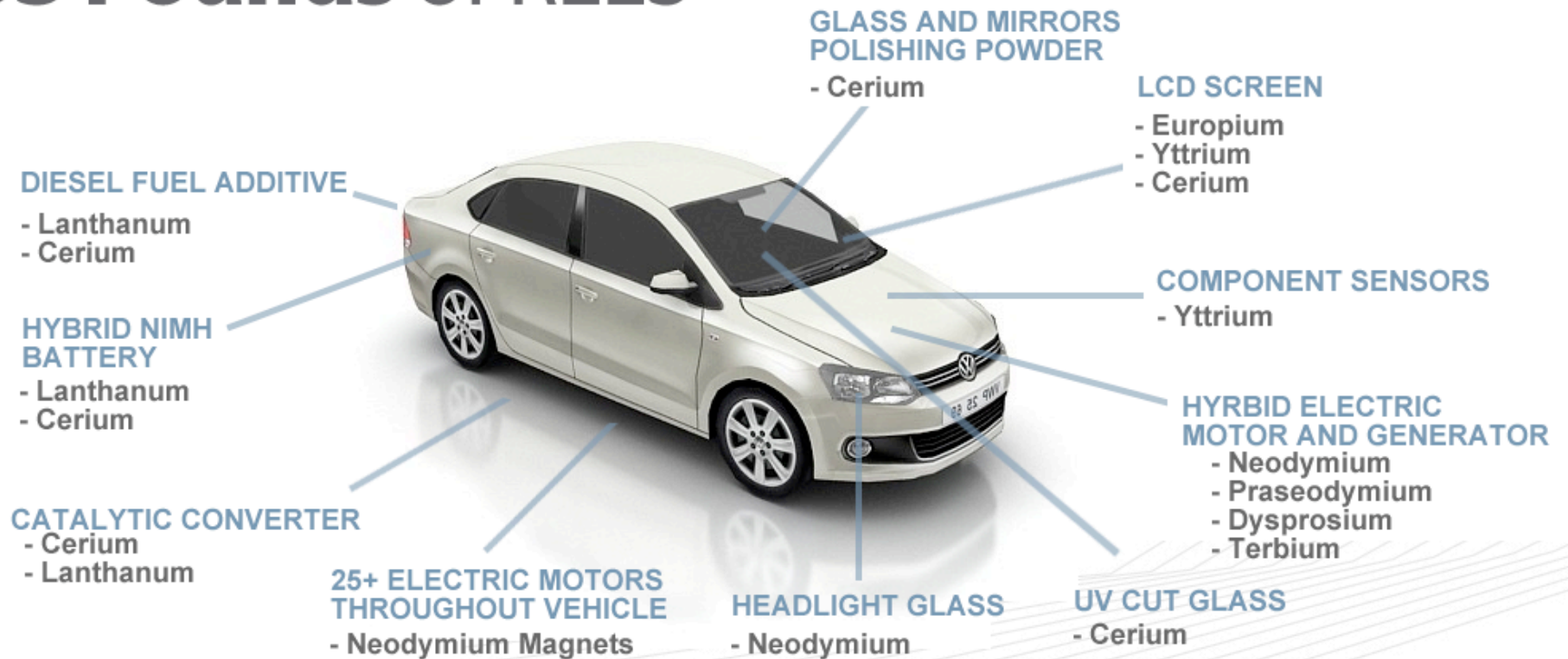


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Military Applications

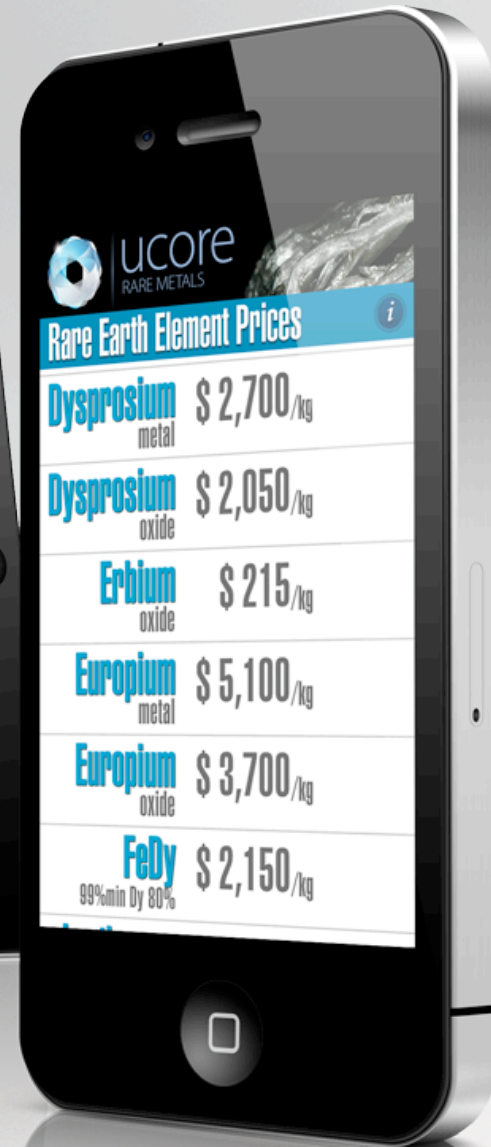
33 Pounds of REES



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Hybrid Vehicles



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Rare Earth Apps

rare earth elements



Intro La Ce Pr Nd Pm Sm Eu Gd Tb **Dy** Ho Er Tm Yb Lu Sc Y

Dysprosium

66 Dy (HREE)

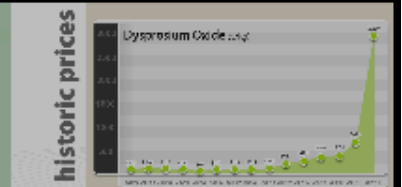
The element has a metallic, bright silver lustre. It is relatively stable in air at room temperature, but dissolves readily, with the evolution of hydrogen, in mineral acids. The metal is soft enough to be cut with a knife and can be machined without sparking if overheating is avoided. It is a rare earth metal found in minerals such as xenotime, monazite and bastnaesite.



summary/

history/

applications/



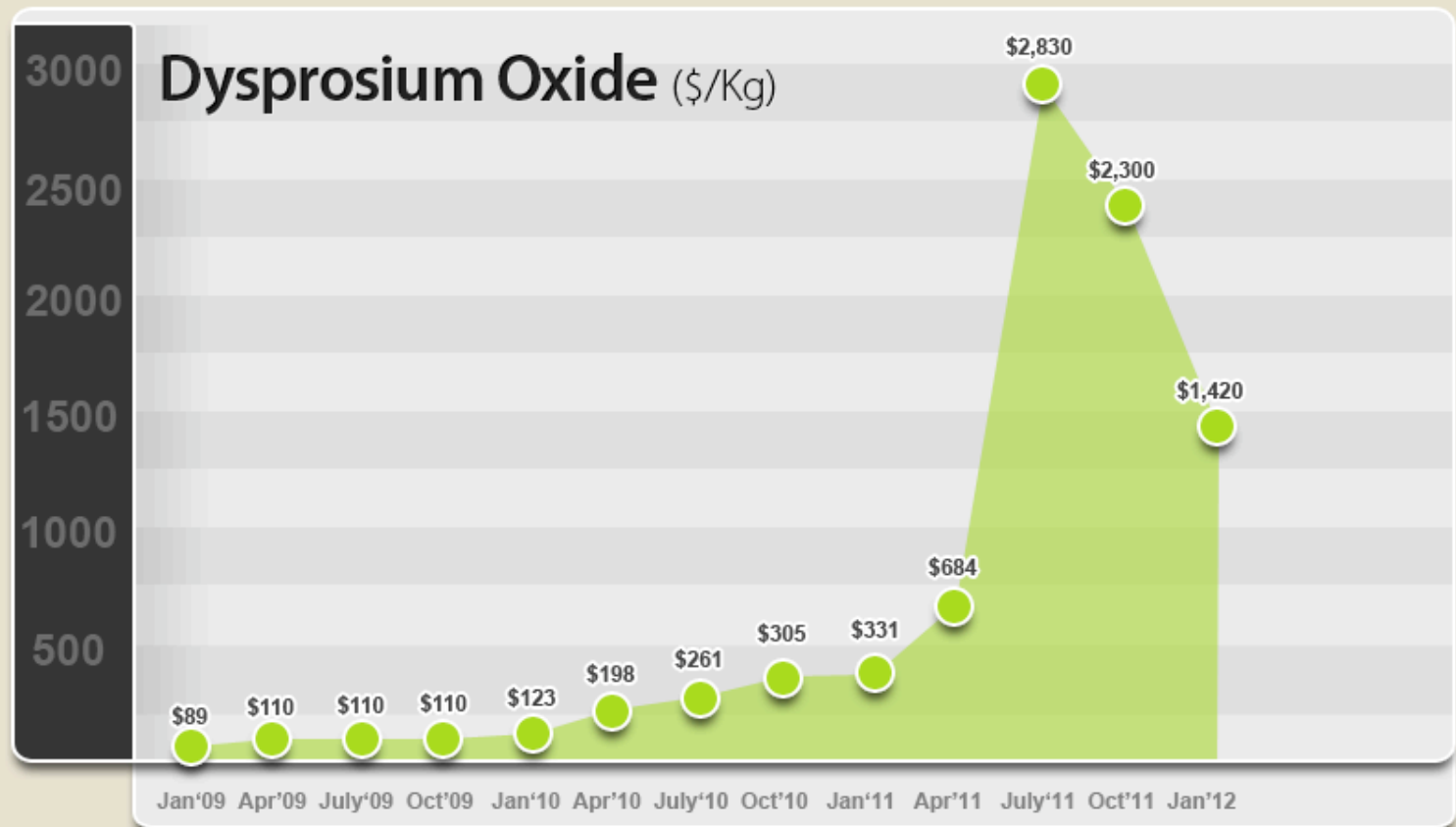
rare earth elements

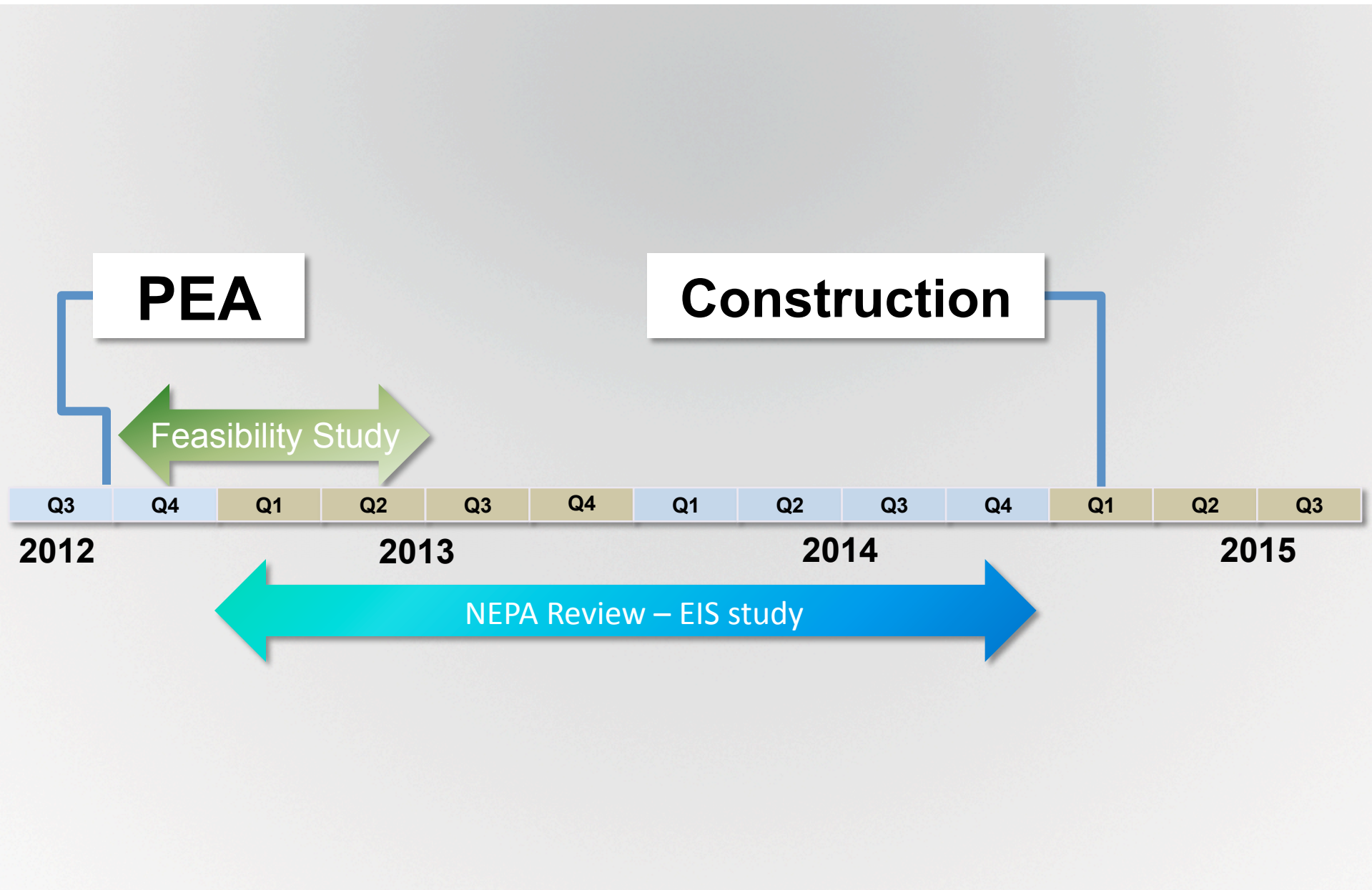


Intro La Ce Pr Nd Pm Sm Eu Gd Tb **Dy** Ho Er Tm Yb Lu Sc Y

Dysprosium

historic prices



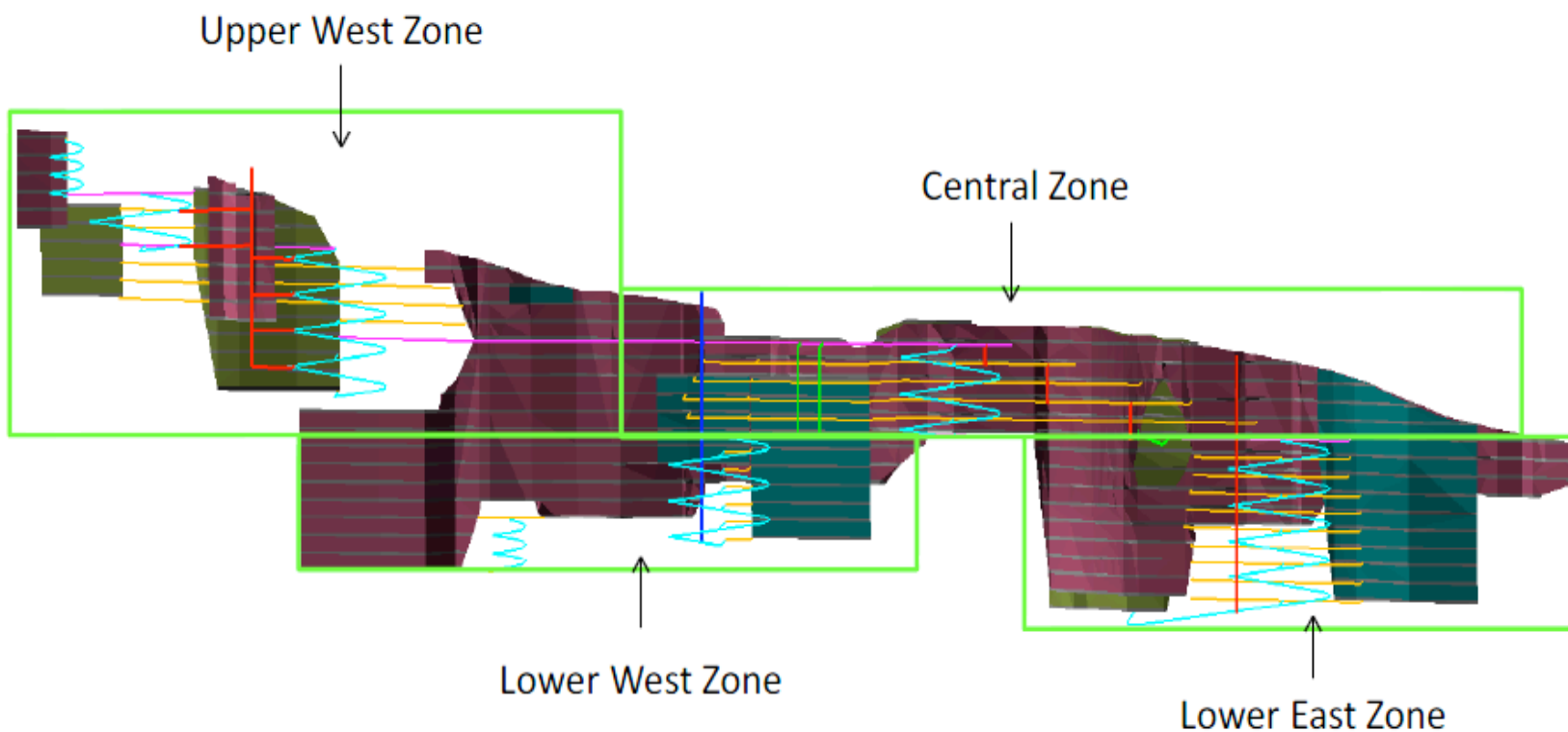


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Project Schedule

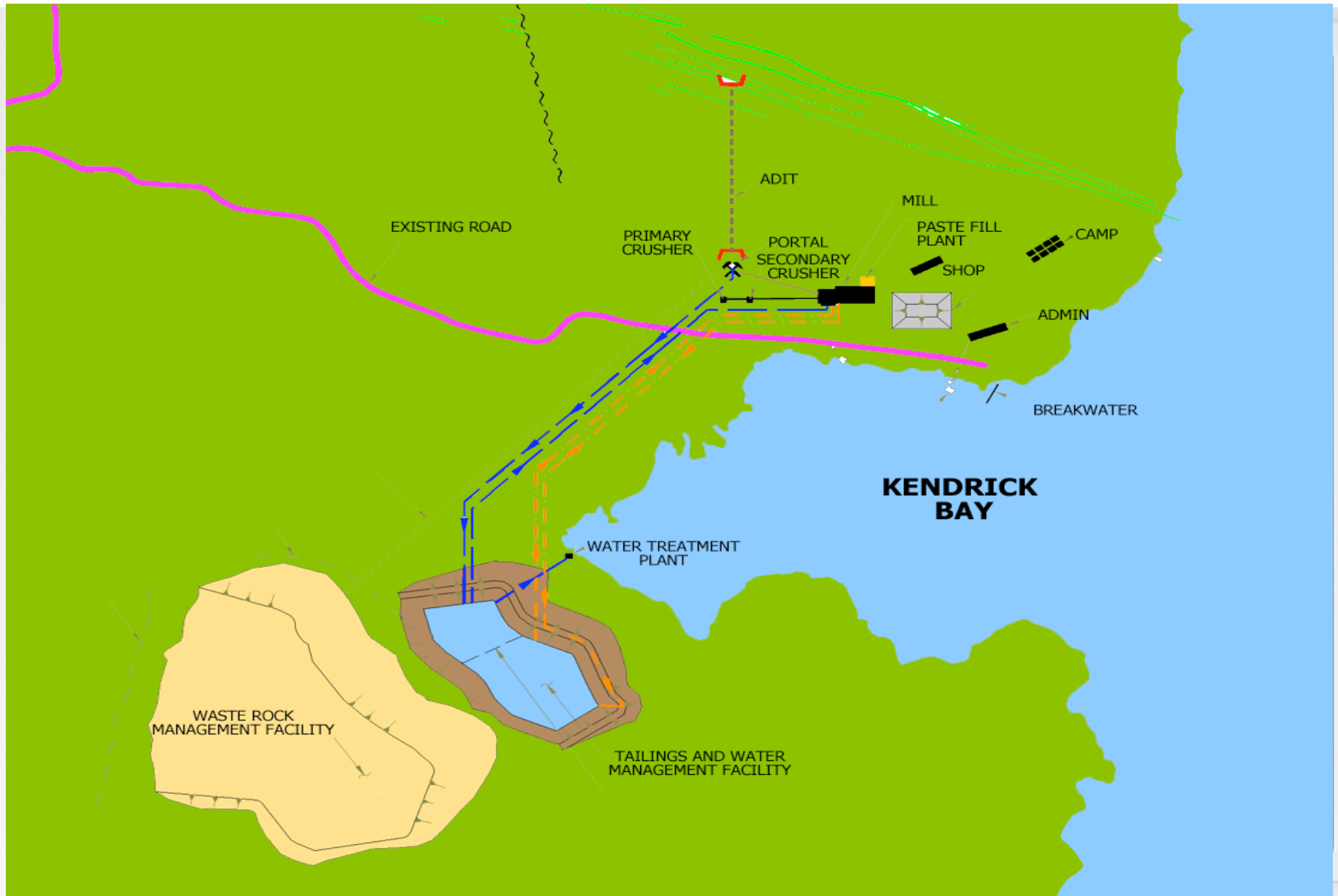
MINING PLAN



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Conceptual Project Design

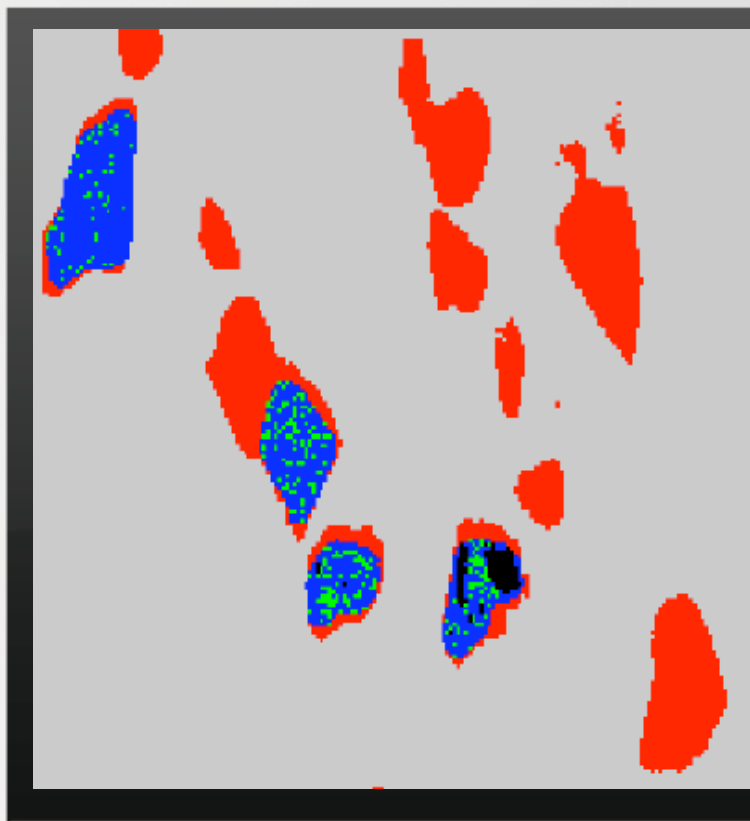


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Conceptual Project Design

ORE SORTING



- 1 Feeding of unsorted material
- 2 X-ray camera
- 3 X-ray source
- 4 Separation chamber

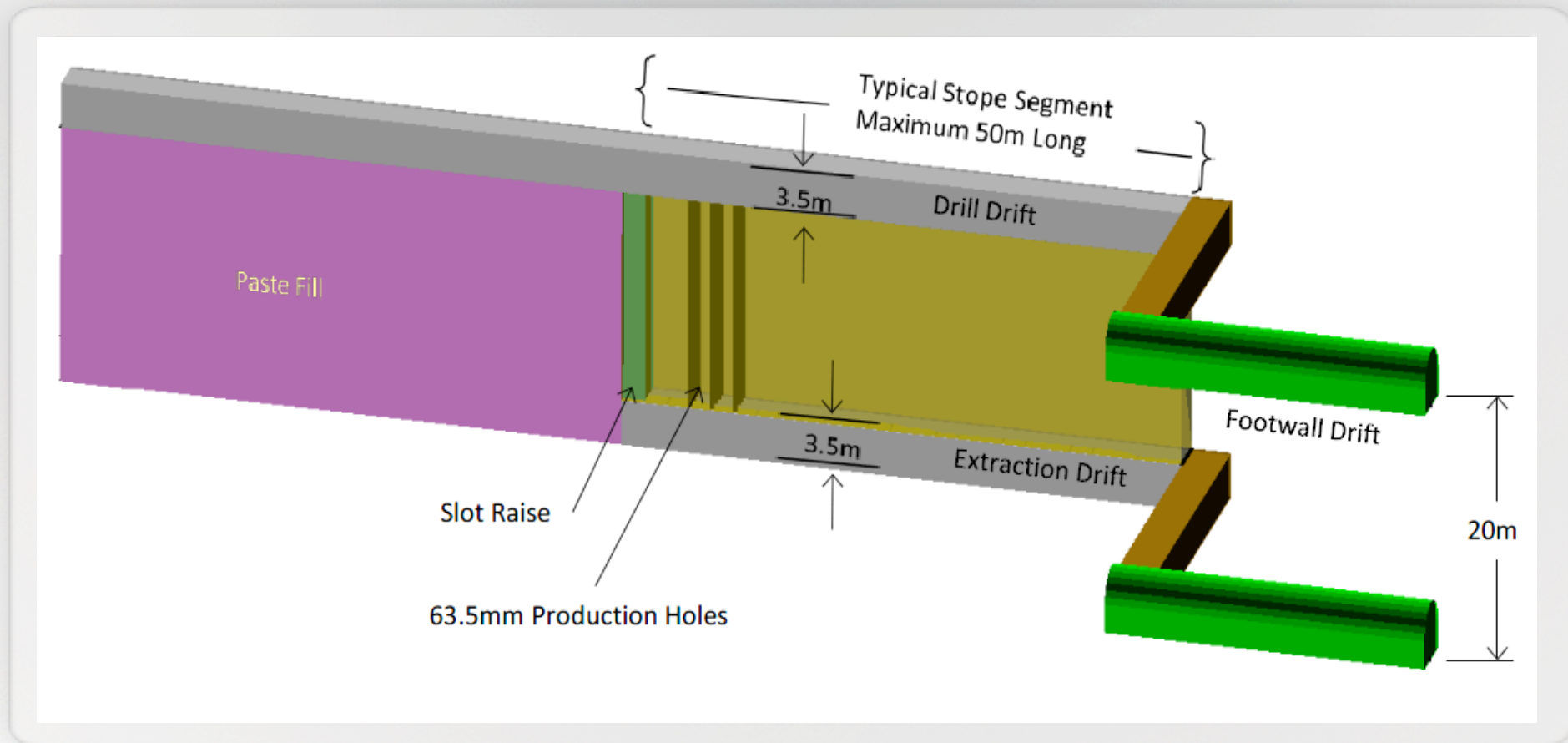


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Dual Energy X-Ray Technology

U/G TAILINGS DEPOSITION



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Paste Backfill Design

4 Key Pillars - Community Plan

1. Local Hiring and Training

- Safety training, local training facilities, independent monitoring

2. Local Procurement

- Informed bidding, increased 2-way communication

3. Support of Local Culture

- Onsite cultural training, employment policies

4. Support of Local Industries

- Fisheries, Forestry, Tourism, Power Generation and Distribution



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Community Plan



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THANK YOU

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