

*****sold out*** Blank/Litho-geochem, Ni-Cu-PGE, SuperCRM, Matrix: ferruginous soil,
Mineralisation Style: magmatic Ni-Cu-PGE**

Art. ID OREAS-45d-500G
Unit 500 g
Deliverydetails No Dangerous Good /not restricted

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|------|----------------------|--------|
| | Gold (Au) | [7440-57-5] | 23 | ppb | Pb Fire As say | |
| | Nickel (Ni) | [7440-02-0] | 0,0231 | % | 4-Acid Dig estion | |
| | Copper (Cu) | [7440-50-8] | 0,0371 | % | 4-Acid Dig estion | |
| | Aluminium (Al) | [7429-90-5] | 8,15 | % | 4-Acid Dig estion | |
| | Arsenic (As) | [7440-38-2] | 0,00138 | % | 4-Acid Dig estion | |
| | Barium (Ba) | [7440-39-3] | 0,0183 | % | 4-Acid Dig estion | |
| | Beryllium (Be) | [7440-41-7] | 0,000079 | % | 4-Acid Dig estion | |
| | Bismuth (Bi) | [7440-69-9] | 0,000031 | % | 4-Acid Dig estion | |
| | Calcium (Ca) | [7440-70-2] | 0,185 | % | 4-Acid Dig estion | |
| | Cerium (Ce) | [7440-45-1] | 0,00372 | % | 4-Acid Dig estion | |
| | Cobalt (Co) | [7440-48-4] | 0,00295 | % | 4-Acid Dig estion | |
| | Chromium (Cr) | [7440-47-3] | 0,0549 | % | 4-Acid Dig estion | |
| | Cesium (Cs) | | 0,000391 | % | 4-Acid Dig estion | |
| | Dysprosium (Dy) | [7429-91-6] | 0,000226 | % | 4-Acid Dig estion | |
| | Erbium (Er) | [7440-52-0] | 0,000138 | % | 4-Acid Dig estion | |

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|-----------------|-------------|-----------|---|------------------|
| Europium (Eu) | [7440-53-1] | 0,000057 | % | 4-Acid Digestion |
| Iron (Fe) | [7439-89-6] | 14,52 | % | 4-Acid Digestion |
| Gallium (Ga) | [7440-55-3] | 0,00212 | % | 4-Acid Digestion |
| Gadolinium (Gd) | [7440-54-2] | 0,000242 | % | 4-Acid Digestion |
| Hafnium (Hf) | [7440-58-6] | 0,000383 | % | 4-Acid Digestion |
| Holmium (Ho) | [7440-60-0] | 0,000046 | % | 4-Acid Digestion |
| Indium (In) | [7440-74-6] | 0,0000096 | % | 4-Acid Digestion |
| Potassium (K) | [7440-09-7] | 0,412 | % | 4-Acid Digestion |
| Lanthanum (La) | [7439-91-0] | 0,00169 | % | 4-Acid Digestion |
| Lithium (Li) | [7439-93-2] | 0,00215 | % | 4-Acid Digestion |
| Lutetium (Lu) | [7439-94-3] | 0,000018 | % | 4-Acid Digestion |
| Magnesium (Mg) | [7439-95-4] | 0,245 | % | 4-Acid Digestion |
| Manganese (Mn) | [7439-96-5] | 0,049 | % | 4-Acid Digestion |
| Molybdenum (Mo) | [7439-98-7] | 0,00025 | % | 4-Acid Digestion |
| Sodium (Na) | [7440-23-5] | 0,101 | % | 4-Acid Digestion |
| Niobium (Nb) | [7440-03-1] | 0,00145 | % | 4-Acid Digestion |
| Neodymium (Nd) | [7440-00-8] | 0,00134 | % | 4-Acid Digestion |
| Phosphorus (P) | [7723-14-0] | 0,042 | % | 4-Acid Digestion |
| Lead (Pb) | [7439-92-1] | 0,00218 | % | 4-Acid Digestion |

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|-------------------|-------------|----------|---|------------------|
| Praseodymium (Pr) | [7440-10-0] | 0,00037 | % | 4-Acid Digestion |
| Rubidium (Rb) | [7440-17-7] | 0,00421 | % | 4-Acid Digestion |
| Sulfur (S) | [7704-34-9] | 0,049 | % | 4-Acid Digestion |
| Antimony (Sb) | [7440-36-0] | 0,000082 | % | 4-Acid Digestion |
| Scandium (Sc) | [7440-20-2] | 0,00493 | % | 4-Acid Digestion |
| Samarium (Sm) | [7440-19-9] | 0,00028 | % | 4-Acid Digestion |
| Tin (Sn) | [7440-31-5] | 0,000278 | % | 4-Acid Digestion |
| Strontium (Sr) | [7440-24-6] | 0,00313 | % | 4-Acid Digestion |
| Tantalum (Ta) | [7440-25-7] | 0,000102 | % | 4-Acid Digestion |
| Terbium (Tb) | [7440-27-9] | 0,00004 | % | 4-Acid Digestion |
| Thorium (Th) | [7440-29-1] | 0,00145 | % | 4-Acid Digestion |
| Titanium (Ti) | [7440-32-6] | 0,773 | % | 4-Acid Digestion |
| Thallium (Tl) | [7440-28-0] | 0,000027 | % | 4-Acid Digestion |
| Uranium (U) | [7440-61-1] | 0,000263 | % | 4-Acid Digestion |
| Vanadium (V) | [7440-62-2] | 0,0235 | % | 4-Acid Digestion |
| Tungsten (W) | [7440-33-7] | 0,000162 | % | 4-Acid Digestion |
| Yttrium (Y) | [7440-65-5] | 0,000953 | % | 4-Acid Digestion |
| Ytterbium (Yb) | [7440-64-4] | 0,000133 | % | 4-Acid Digestion |
| Zinc (Zn) | [7440-66-6] | 0,00457 | % | 4-Acid Digestion |

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|----------------|-------------|-----------|-----|----------------------|
| Zirconium (Zr) | [7440-67-7] | 0,0141 | % | 4-Acid Digestion |
| Aluminium (Al) | [7429-90-5] | 4,86 | % | Aqua Regia Digestion |
| Arsenic (As) | [7440-38-2] | 0,00065 | % | Aqua Regia Digestion |
| Gold (Au) | [7440-57-5] | 21 | ppb | Aqua Regia Digestion |
| Barium (Ba) | [7440-39-3] | 0,008 | % | Aqua Regia Digestion |
| Bismuth (Bi) | [7440-69-9] | 0,00003 | % | Aqua Regia Digestion |
| Calcium (Ca) | [7440-70-2] | 0,089 | % | Aqua Regia Digestion |
| Cerium (Ce) | [7440-45-1] | 0,00248 | % | Aqua Regia Digestion |
| Cobalt (Co) | [7440-48-4] | 0,00262 | % | Aqua Regia Digestion |
| Chromium (Cr) | [7440-47-3] | 0,0467 | % | Aqua Regia Digestion |
| Copper (Cu) | [7440-50-8] | 0,0345 | % | Aqua Regia Digestion |
| Iron (Fe) | [7439-89-6] | 13,65 | % | Aqua Regia Digestion |
| Gallium (Ga) | [7440-55-3] | 0,00179 | % | Aqua Regia Digestion |
| Indium (In) | [7440-74-6] | 0,0000085 | % | Aqua Regia Digestion |
| Potassium (K) | [7440-09-7] | 0,097 | % | Aqua Regia Digestion |
| Lanthanum (La) | [7439-91-0] | 0,000996 | % | Aqua Regia Digestion |
| Lithium (Li) | [7439-93-2] | 0,00119 | % | Aqua Regia Digestion |
| Magnesium (Mg) | [7439-95-4] | 0,144 | % | Aqua Regia Digestion |
| Manganese (Mn) | [7439-96-5] | 0,04 | % | Aqua Regia Digestion |

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|----------------|-------------|----------|-----|--------------------------------------|
| Sodium (Na) | [7440-23-5] | 0,031 | % | Aqua Regia Digestion |
| Nickel (Ni) | [7440-02-0] | 0,0176 | % | Aqua Regia Digestion |
| Phosphorus (P) | [7723-14-0] | 0,035 | % | Aqua Regia Digestion |
| Lead (Pb) | [7439-92-1] | 0,0017 | % | Aqua Regia Digestion |
| Rubidium (Rb) | [7440-17-7] | 0,00209 | % | Aqua Regia Digestion |
| Sulfur (S) | [7704-34-9] | 0,045 | % | Aqua Regia Digestion |
| Scandium (Sc) | [7440-20-2] | 0,00415 | % | Aqua Regia Digestion |
| Tin (Sn) | [7440-31-5] | 0,000195 | % | Aqua Regia Digestion |
| Strontium (Sr) | [7440-24-6] | 0,0011 | % | Aqua Regia Digestion |
| Thorium (Th) | [7440-29-1] | 0,00113 | % | Aqua Regia Digestion |
| Uranium (U) | [7440-61-1] | 0,000164 | % | Aqua Regia Digestion |
| Vanadium (V) | [7440-62-2] | 0,0201 | % | Aqua Regia Digestion |
| Yttrium (Y) | [7440-65-5] | 0,000508 | % | Aqua Regia Digestion |
| Zinc (Zn) | [7440-66-6] | 0,00306 | % | Aqua Regia Digestion |
| Palladium (Pd) | [7440-05-3] | 35 | ppb | Pb Fire As say |
| Platinum (Pt) | [7440-06-4] | 48 | ppb | Pb Fire As say |
| Aluminium (Al) | [7429-90-5] | 8,26 | % | Borate / P eroxide Fu sion ICP |
| Barium (Ba) | [7440-39-3] | 0,0183 | % | Borate / P eroxide Fu sion ICP |

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|-----------------|-------------|----------|---|------------------------------|
| Calcium (Ca) | [7440-70-2] | 0,185 | % | Borate / Peroxide Fusion ICP |
| Cerium (Ce) | [7440-45-1] | 0,0038 | % | Borate / Peroxide Fusion ICP |
| Cobalt (Co) | [7440-48-4] | 0,00313 | % | Borate / Peroxide Fusion ICP |
| Chromium (Cr) | [7440-47-3] | 0,0585 | % | Borate / Peroxide Fusion ICP |
| Cesium (Cs) | | 0,000394 | % | Borate / Peroxide Fusion ICP |
| Copper (Cu) | [7440-50-8] | 0,0375 | % | Borate / Peroxide Fusion ICP |
| Dysprosium (Dy) | [7429-91-6] | 0,000323 | % | Borate / Peroxide Fusion ICP |
| Erbium (Er) | [7440-52-0] | 0,000203 | % | Borate / Peroxide Fusion ICP |
| Europium (Eu) | [7440-53-1] | 0,000067 | % | Borate / Peroxide Fusion ICP |
| Iron (Fe) | [7439-89-6] | 14,78 | % | Borate / Peroxide Fusion ICP |
| Gallium (Ga) | [7440-55-3] | 0,00214 | % | Borate / Peroxide Fusion ICP |
| Gadolinium (Gd) | [7440-54-2] | 0,000283 | % | Borate / Peroxide Fusion ICP |
| Hafnium (Hf) | [7440-58-6] | 0,00089 | % | Borate / Peroxide Fusion ICP |

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|-------------------|-------------|----------|---|--|------------------------------|
| | | | | | sion ICP |
| Holmium (Ho) | [7440-60-0] | 0,000068 | % | | Borate / Peroxide Fusion ICP |
| Potassium (K) | [7440-09-7] | 0,426 | % | | Borate / Peroxide Fusion ICP |
| Lanthanum (La) | [7439-91-0] | 0,00173 | % | | Borate / Peroxide Fusion ICP |
| Lithium (Li) | [7439-93-2] | 0,00217 | % | | Borate / Peroxide Fusion ICP |
| Magnesium (Mg) | [7439-95-4] | 0,247 | % | | Borate / Peroxide Fusion ICP |
| Manganese (Mn) | [7439-96-5] | 0,05 | % | | Borate / Peroxide Fusion ICP |
| Sodium (Na) | [7440-23-5] | 0,097 | % | | Borate / Peroxide Fusion ICP |
| Niobium (Nb) | [7440-03-1] | 0,00175 | % | | Borate / Peroxide Fusion ICP |
| Neodymium (Nd) | [7440-00-8] | 0,00145 | % | | Borate / Peroxide Fusion ICP |
| Nickel (Ni) | [7440-02-0] | 0,0234 | % | | Borate / Peroxide Fusion ICP |
| Phosphorus (P) | [7723-14-0] | 0,04 | % | | Borate / Peroxide Fusion ICP |
| Praseodymium (Pr) | [7440-10-0] | 0,000394 | % | | Borate / Peroxide Fusion ICP |
| Rubidium (Rb) | [7440-17-7] | 0,00423 | % | | Borate / P |

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|----------------|-------------|----------|---|--|--------------------------------------|
| | | | | | eroxide Fu sion ICP |
| Scandium (Sc) | [7440-20-2] | 0,0049 | % | | Borate / P eroxide Fu sion ICP |
| Silicon (Si) | [7440-21-3] | 22,63 | % | | Borate / P eroxide Fu sion ICP |
| Samarium (Sm) | [7440-19-9] | 0,000317 | % | | Borate / P eroxide Fu sion ICP |
| Tin (Sn) | [7440-31-5] | 0,000313 | % | | Borate / P eroxide Fu sion ICP |
| Strontium (Sr) | [7440-24-6] | 0,00329 | % | | Borate / P eroxide Fu sion ICP |
| Tantalum (Ta) | [7440-25-7] | 0,00013 | % | | Borate / P eroxide Fu sion ICP |
| Terbium (Tb) | [7440-27-9] | 0,000051 | % | | Borate / P eroxide Fu sion ICP |
| Thorium (Th) | [7440-29-1] | 0,0015 | % | | Borate / P eroxide Fu sion ICP |
| Titanium (Ti) | [7440-32-6] | 0,869 | % | | Borate / P eroxide Fu sion ICP |
| Thulium (Tm) | [7440-30-4] | 0,000032 | % | | Borate / P eroxide Fu sion ICP |
| Uranium (U) | [7440-61-1] | 0,0003 | % | | Borate / P eroxide Fu sion ICP |
| Vanadium (V) | [7440-62-2] | 0,0243 | % | | Borate / P eroxide Fu sion ICP |

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|---|-------------|----------|---|------------------------------|
| Tungsten (W) | [7440-33-7] | 0,000197 | % | Borate / Peroxide Fusion ICP |
| Yttrium (Y) | [7440-65-5] | 0,00178 | % | Borate / Peroxide Fusion ICP |
| Ytterbium (Yb) | [7440-64-4] | 0,000217 | % | Borate / Peroxide Fusion ICP |
| Zirconium (Zr) | [7440-67-7] | 0,0333 | % | Borate / Peroxide Fusion ICP |
| Carbon (C) | [7440-44-0] | 1,04 | % | Infrared Combustion |
| Sulfur (S) | [7704-34-9] | 0,044 | % | Infrared Combustion |
| Al ₂ O ₃ | | 15,99 | % | Borate Fusion XRF |
| BaO | | 0,0198 | % | Borate Fusion XRF |
| CaO | | 0,264 | % | Borate Fusion XRF |
| Cr ₂ O ₃ | | 0,0879 | % | Borate Fusion XRF |
| Fe ₂ O ₃ | | 21,38 | % | Borate Fusion XRF |
| Potassium oxide (K ₂ O) | | 0,51 | % | Borate Fusion XRF |
| Magnesium oxide (MgO) | [1309-48-4] | 0,421 | % | Borate Fusion XRF |
| Manganese oxide (MnO) | | 0,066 | % | Borate Fusion XRF |
| Sodium oxide (Na ₂ O) | [1313-59-3] | 0,125 | % | Borate Fusion XRF |
| Phosphorous(V) oxide (P ₂ O ₅) | | 0,099 | % | Borate Fusion XRF |
| Silicon dioxide (SiO ₂) | [7631-86-9] | 49,63 | % | Borate Fusion XRF |

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|---|--------------|--------|---|-----------------------|
| Titanium dioxide (TiO ₂) | [13463-67-7] | 1,49 | % | Borate Fus ion XRF |
| Vanadium oxide (V ₂ O ₅) | | 0,0425 | % | Borate Fus ion XRF |
| Loss on Ignition (L.O.I) (1000 °C) | | 9,37 | % | Thermograv imetry |