

**Blank (coarse) drill chips, Matrix: rhyodacite, Mineralisation Style: barren**

Art. ID	OREAS-C27h-500G
Unit	500 g
Deliverydetails	No Dangerous Good /not restricted

**Description**

OREAS C27h is a rhyodacite blank chip certified reference material (CRM). The material was sourced from a rhyodacitic unit of the Mt Dandenong Igneous Complex located approximately 34km east of Melbourne (Victoria), Australia. The CRM has a nominal particle size of minus 8mm to simulate RC drill chip samples. It contains certified values for Au by fire assay and full ICP-OES and MS elemental suites by 4-acid digestion. Indicative values for additional elements are also available.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Value	Gold (Au)	[7440-57-5]	<2	ppb	Pb Fire Assay	
Certified Value	Silver (Ag)	[7440-22-4]	0,171	ppm	4-Acid Digestion	
Certified Value	Aluminium (Al)	[7429-90-5]	7,75	%	4-Acid Digestion	
Certified Value	Arsenic (As)	[7440-38-2]	3	ppm	4-Acid Digestion	
Certified Value	Barium (Ba)	[7440-39-3]	0,294	%	4-Acid Digestion	
Certified Value	Beryllium (Be)	[7440-41-7]	3,2	ppm	4-Acid Digestion	
Certified Value	Bismuth (Bi)	[7440-69-9]	0,16	ppm	4-Acid Digestion	
Certified Value	Calcium (Ca)	[7440-70-2]	1,11	%	4-Acid Digestion	
Certified Value	Cadmium (Cd)	[7440-43-9]	0,4	ppm	4-Acid Digestion	
Certified Value	Cerium (Ce)	[7440-45-1]	94	ppm	4-Acid Digestion	
Certified Value	Cobalt (Co)	[7440-48-4]	2,1	ppm	4-Acid Digestion	
Certified Value	Caesium (Cs)	[7440-46-2]	6,67	ppm	4-Acid Digestion	
Certified Value	Copper (Cu)	[7440-50-8]	5,05	ppm	4-Acid Digestion	
Certified Value	Iron (Fe)	[7439-89-6]	2,47	%	4-Acid Digestion	

Certified Value	Gallium (Ga)	[7440-55-3]	23	ppm	4-Acid Dig estion
Certified Value	Hafnium (Hf)	[7440-58-6]	6,61	ppm	4-Acid Dig estion
Certified Value	Indium (In)	[7440-74-6]	0,072	ppm	4-Acid Dig estion
Certified Value	Potassium (K)	[7440-09-7]	3,17	%	4-Acid Dig estion
Certified Value	Lanthanum (La)	[7439-91-0]	47,8	ppm	4-Acid Dig estion
Certified Value	Lithium (Li)	[7439-93-2]	33,2	ppm	4-Acid Dig estion
Certified Value	Magnesium (Mg)	[7439-95-4]	0,149	%	4-Acid Dig estion
Certified Value	Manganese (Mn)	[7439-96-5]	0,033	%	4-Acid Dig estion
Certified Value	Molybdenum (Mo)	[7439-98-7]	2,88	ppm	4-Acid Dig estion
Certified Value	Sodium (Na)	[7440-23-5]	2,83	%	4-Acid Dig estion
Certified Value	Niobium (Nb)	[7440-03-1]	19,8	ppm	4-Acid Dig estion
Certified Value	Nickel (Ni)	[7440-02-0]	2,05	ppm	4-Acid Dig estion
Certified Value	Phosphorus (P)	[7723-14-0]	0,03	%	4-Acid Dig estion
Certified Value	Lead (Pb)	[7439-92-1]	24	ppm	4-Acid Dig estion
Certified Value	Rubidium (Rb)	[7440-17-7]	150	ppm	4-Acid Dig estion
Certified Value	Rhenium (Re)	[7440-15-5]	< 0,002	ppm	4-Acid Dig estion
Certified Value	Antimony (Sb)	[7440-36-0]	1,03	ppm	4-Acid Dig estion
Certified Value	Scandium (Sc)	[7440-20-2]	4,31	ppm	4-Acid Dig estion
Certified Value	Selenium (Se)	[7782-49-2]	<1,00	ppm	4-Acid Dig

Certified Value	Tin (Sn)	[7440-31-5]	3,97	ppm	4-Acid Dig estion
Certified Value	Strontium (Sr)	[7440-24-6]	178	ppm	4-Acid Dig estion
Certified Value	Tantalum (Ta)	[7440-25-7]	1,45	ppm	4-Acid Dig estion
Certified Value	Tellurium (Te)	[13494-80-9]	< 0,050	ppm	4-Acid Dig estion
Certified Value	Thorium (Th)	[7440-29-1]	15,3	ppm	4-Acid Dig estion
Certified Value	Titanium (Ti)	[7440-32-6]	0,119	%	4-Acid Dig estion
Certified Value	Thallium (Tl)	[7440-28-0]	0,8	ppm	4-Acid Dig estion
Certified Value	Uranium (U)	[7440-61-1]	5,89	ppm	4-Acid Dig estion
Certified Value	Vanadium (V)	[7440-62-2]	4,36	ppm	4-Acid Dig estion
Certified Value	Tungsten (W)	[7440-33-7]	1,54	ppm	4-Acid Dig estion
Certified Value	Yttrium (Y)	[7440-65-5]	15,5	ppm	4-Acid Dig estion
Certified Value	Ytterbium (Yb)	[7440-64-4]	0,53	ppm	4-Acid Dig estion
Certified Value	Zinc (Zn)	[7440-66-6]	118	ppm	4-Acid Dig estion
Certified Value	Zirconium (Zr)	[7440-67-7]	245	ppm	4-Acid Dig estion
Certified Value	Gold (Au)	[7440-57-5]	0,0000002	%	Pb Fire As say
Certified Value	Silver (Ag)	[7440-22-4]	0,0000171	%	4-Acid Dig estion
Certified Value	Arsenic (As)	[7440-38-2]	0,0003	%	4-Acid Dig estion
Certified Value	Beryllium (Be)	[7440-41-7]	0,00032	%	4-Acid Dig estion
Certified Value	Bismuth (Bi)	[7440-69-9]	0,000016	%	4-Acid Dig

					estion
Certified Value	Cadmium (Cd)	[7440-43-9]	0,00004	%	4-Acid Dig
					estion
Certified Value	Cerium (Ce)	[7440-45-1]	0,0094	%	4-Acid Dig
					estion
Certified Value	Cobalt (Co)	[7440-48-4]	0,00021	%	4-Acid Dig
					estion
Certified Value	Caesium (Cs)	[7440-46-2]	0,000667	%	4-Acid Dig
					estion
Certified Value	Copper (Cu)	[7440-50-8]	0,000505	%	4-Acid Dig
					estion
Certified Value	Gallium (Ga)	[7440-55-3]	0,0023	%	4-Acid Dig
					estion
Certified Value	Hafnium (Hf)	[7440-58-6]	0,000661	%	4-Acid Dig
					estion
Certified Value	Indium (In)	[7440-74-6]	0,0000072	%	4-Acid Dig
					estion
Certified Value	Lanthanum (La)	[7439-91-0]	0,00478	%	4-Acid Dig
					estion
Certified Value	Lithium (Li)	[7439-93-2]	0,00332	%	4-Acid Dig
					estion
Certified Value	Molybdenum (Mo)	[7439-98-7]	0,000288	%	4-Acid Dig
					estion
Certified Value	Niobium (Nb)	[7440-03-1]	0,00198	%	4-Acid Dig
					estion
Certified Value	Nickel (Ni)	[7440-02-0]	0,000205	%	4-Acid Dig
					estion
Certified Value	Lead (Pb)	[7439-92-1]	0,0024	%	4-Acid Dig
					estion
Certified Value	Rubidium (Rb)	[7440-17-7]	0,015	%	4-Acid Dig
					estion
Certified Value	Rhenium (Re)	[7440-15-5]	<0,0000002	%	4-Acid Dig
					estion
Certified Value	Antimony (Sb)	[7440-36-0]	0,000103	%	4-Acid Dig
					estion
Certified Value	Scandium (Sc)	[7440-20-2]	0,000431	%	4-Acid Dig
					estion
Certified Value	Selenium (Se)	[7782-49-2]	<0,0001	%	4-Acid Dig

Certified Value	Tin (Sn)	[7440-31-5]	0,000397	%	4-Acid Dig estion
Certified Value	Strontium (Sr)	[7440-24-6]	0,0178	%	4-Acid Dig estion
Certified Value	Tantalum (Ta)	[7440-25-7]	0,000145	%	4-Acid Dig estion
Certified Value	Tellurium (Te)	[13494-80-9]	<0,000005	%	4-Acid Dig estion
Certified Value	Thorium (Th)	[7440-29-1]	0,00153	%	4-Acid Dig estion
Certified Value	Thallium (Tl)	[7440-28-0]	0,00008	%	4-Acid Dig estion
Certified Value	Uranium (U)	[7440-61-1]	0,000589	%	4-Acid Dig estion
Certified Value	Vanadium (V)	[7440-62-2]	0,000436	%	4-Acid Dig estion
Certified Value	Tungsten (W)	[7440-33-7]	0,000154	%	4-Acid Dig estion
Certified Value	Yttrium (Y)	[7440-65-5]	0,00155	%	4-Acid Dig estion
Certified Value	Ytterbium (Yb)	[7440-64-4]	0,000053	%	4-Acid Dig estion
Certified Value	Zinc (Zn)	[7440-66-6]	0,0118	%	4-Acid Dig estion
Certified Value	Zirconium (Zr)	[7440-67-7]	0,0245	%	4-Acid Dig estion