



ORE RESEARCH & EXPLORATION

www.ore.com.au

Price List for OREAS pXRF Commodity Kits

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ORE Pty Ltd is proud to offer high quality pXRF kits at affordable prices. Eight thematic kits are available based on commodity and mineralisation style or you can design your own custom kit from a range of 165 OREAS CRMs.

The tough storage cases used are dust, shock and water proof and offer superior protection for the pXRF cups under all field conditions. The cups are 32mm in diameter and fitted with 4µm polypropylene film to minimise signal attenuation of lighter elements.



Commodity Kits

Commodity Kits	# pXRF Cups	Price (AUD)
Iron Ore	13	\$343
Porphyry Copper & IOCG	14	\$365
Sediment-hosted Copper	14	\$365
Nickel Laterite	13	\$343
Magmatic Nickel Sulphide	14	\$365
Zn-Pb-Ag Sulphide	13	\$343
Uranium	13	\$343
Sn-W-Mn ores	11	\$298

Individual Cups for Custom Kits

Individual Cups for Custom Kits	Price (AUD)
First 10 cups	\$35 / cup
Additional cups	\$30 / cup
Premium case (holds 15 cups)	\$50
Premium case (holds 6 cups)	\$40

ORE Pty Ltd is accredited to ISO 9001:2008 by Lloyd's Register Quality Assurance Ltd for its quality management system including development, manufacturing, certification and supply of CRMs.



OREAS pXRF Iron Ore Kit

ORDER CODE: pXRF-010a

CRM Code	Description	Fe	SiO ₂	P	Al ₂ O ₃	S	TiO ₂	MnO	K ₂ O	CaO
Silica Blank	Quartz granules	<0.0001	99.99	-	0.002	-	0.0002	-	0.0001	0.0003
OREAS 24b	Granodiorite lithogeochem	4.44	66.00	0.07	15.15	0.20	0.80	0.06	3.39	1.47
OREAS 25a	Soil lithogeochem blank	6.83	56.70	0.05	18.24	0.05	1.93	0.06	0.60	0.44
OREAS 24c	Basalt lithogeochem	7.62	-	0.16	14.07	<0.01	1.76	0.14	0.89	8.20
OREAS 700	Magnetite skarn	16.06	47.30	0.35	10.62	0.30	0.32	0.41	1.89	7.86
OREAS 701	Magnetite skarn	23.98	33.95	0.52	12.40	0.69	0.26	0.43	3.12	5.18
OREAS 401	Hematitic BIF	45.63	24.88	0.11	2.36	0.02	0.25	(0.01)	0.01	0.09
OREAS 402	Hematitic BIF	48.41	19.77	0.12	2.49	0.02	0.29	(0.01)	0.01	0.09
OREAS 403	Hematitic BIF	52.30	13.67	0.12	2.63	0.03	0.29	(0.01)	0.01	0.11
OREAS 404	Hematitic BIF	55.14	7.88	0.15	2.97	0.03	0.39	(0.01)	(0.01)	0.10
OREAS 405	Hematitic BIF	58.00	8.37	0.11	2.26	0.02	0.21	0.03	0.02	0.20
OREAS 406	Hematitic BIF	61.44	7.96	0.09	1.14	(0.01)	0.05	0.04	0.02	0.16
OREAS 40	Sandstone-hosted	66.72	4.64	0.004	0.13	0.008	0.05	0.02	0.02	0.015

All values above refer to weight per cent (wt.%); values in brackets are indicative concentrations only; additional certified values available at: www.ore.com.au.

OREAS pXRF Porphyry Copper & IOCG Kit

ORDER CODE: pXRF-020a

CRM Code	Description	Cu	Au	Mo	Zn	S	SiO ₂	Fe	Other	Other
Silica Blank	Quartz granules	-	-	-	-	-	99.99%	<0.0001%	-	-
OREAS 25a	Soil lithogeochem blank	34ppm	<2ppb	2.6ppm	47ppm	0.05%	56.70%	6.83%	K: 0.5%	Ba: 151ppm
OREAS 24b	Granodiorite lithogeochem	38ppm	<3ppb	4.0ppm	105ppm	0.20%	66.00%	4.44%	K: 2.82%	Ba: 734ppm
OREAS 45d	Anomalous ferruginous soil	375ppm	23ppb	2.5ppm	46ppm	0.05%	49.63%	14.95%	Ni: 234ppm	Co: 31ppm
OREAS 45e	Anomalous ferruginous soil	756ppm	53ppb	2.9ppm	47ppm	0.05%	40.13%	24.80%	Ni: 459ppm	Co: 59ppm
OREAS 151b	Cu-Au (qtz monz porph)	1820ppm	0.06ppm	55ppm	246ppm	0.72%	-	3.53%	As: 31ppm	K: 1.23%
OREAS 700	Cu-Au-W (magnetite skarn)	2040ppm	0.51ppm	81ppm	231ppm	0.30%	47.30%	16.06%	Sn: 182ppm	W: 1.13%
OREAS 152b	Cu-Au (qtz monz porph)	3750ppm	0.13ppm	81ppm	105ppm	0.99%	-	3.73%	V: 216ppm	K: 1.06%
OREAS 701	Cu-Au-W ore (magnetite skarn)	4850ppm	1.11ppm	254ppm	338ppm	0.69%	33.95%	23.98%	Sn: 197ppm	W: 2.43%
OREAS 503b	Cu-Au-Mo ore (qtz monz porph)	0.53%	0.695ppm	319ppm	92ppm	0.67%	-	5.43%	K: 3.07%	Ba: 932ppm
OREAS 153b	Cu-Au ore (qtz monz porph)	0.68%	0.31ppm	163ppm	122ppm	1.28%	-	3.86%	As: 79ppm	K: 1.16%
OREAS 502b	Cu-Au-Mo ore (qtz monz porph)	0.77%	0.494ppm	238ppm	134ppm	0.95%	-	5.57%	K: 3.06%	Ba: 928ppm
OREAS 504b	Cu-Au-Mo ore (qtz monz porph)	1.11%	1.61ppm	499ppm	108ppm	1.31%	-	7.33%	K: 2.93%	Ba: 711ppm
OREAS 504	Cu-Au-Mo ore (qtz monz porph)	1.14%	1.48ppm	643ppm	(113ppm)	1.37%	(55.0%)	(8.13%)	(Ba: 604ppm)	(Sr: 509ppm)

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OREAS pXRF Sediment Hosted Copper Kit

ORDER CODE: pXRF-030a

CRM Code	Description	Cu	Zn	Co	Pb	S	SiO ₂	Fe	Ag	Ba
Silica Blank	Quartz granules	-	-	-	-	-	99.99%	<0.0001%	-	-
OREAS 160	Siliceous dolomitic breccia	13ppm	7ppm	2.8ppm	7ppm	0.04%	88.70%	1.13%	<0.2ppm	-
OREAS 25a	Soil lithogeochem blank	34ppm	47ppm	8ppm	25ppm	0.04%	56.70%	6.83%	-	151ppm
OREAS 921	Anomalous siltstone	293ppm	139ppm	17.3ppm	27.1ppm	0.08%	65.63%	4.46%	0.2ppm	549ppm
OREAS 45d	Anomalous ferruginous soil	375ppm	46ppm	31.3ppm	22ppm	0.05%	49.63%	14.95%	0.2ppm	177ppm
OREAS 45e	Anomalous ferruginous soil	756ppm	47ppm	59ppm	18ppm	0.05%	40.13%	24.80%	0.3ppm	246ppm
OREAS 901	Low Cu oxide (siltstone)	1410ppm	24ppm	73ppm	17.4ppm	0.04%	-	4.03%	0.4ppm	229ppm
OREAS 161	Low Cu sulphide (silica dolo.)	4000ppm	19ppm	119ppm	109ppm	2.96%	84.20%	4.32%	1.1ppm	-
OREAS 904	Cu oxide (siltstone)	0.61%	26.3ppm	83ppm	10.6ppm	0.06%	-	6.68%	0.6ppm	194ppm
OREAS 927	Cu ore (siltstone)	1.09%	750ppm	31ppm	214ppm	1.78%	62.98%	8.81%	4.1ppm	320ppm
OREAS 929	Cu ore (siltstone)	2.02%	486ppm	36.2ppm	143ppm	2.57%	59.71%	9.18%	7.2ppm	291ppm
OREAS 96	Cu ore (siltstone)	3.93%	457ppm	49.9ppm	101ppm	4.19%	-	-	11.5ppm	-
OREAS 932	High grade Cu ore (siltstone)	6.19%	599ppm	62ppm	200ppm	7.17%	48.53%	14.64%	23ppm	43ppm
OREAS 935	High grade Cu ore (siltstone)	12.54%	688ppm	85ppm	255ppm	14.60%	31.25%	23.64%	43.7ppm	60ppm

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OREAS pXRF Sn-W-Mn Ore Kit

ORDER CODE: pXRF-080a

CRM Code	Description	Sn	W	Mn	Cu	Zn	Fe	SiO ₂	Al ₂ O ₃	Other
Silica Blank	Quartz granules	-	-	-	-	-	<0.0001%	99.99%	0.002%	-
OREAS 25a	Soil lithogeochem blank	4.83ppm	2.89ppm	490ppm	34ppm	47ppm	6.83%	56.70%	18.24%	MgO: 0.54%
OREAS 24b	Granodiorite lithogeochem	4.65ppm	4.13ppm	457ppm	38ppm	105ppm	4.39%	66.00%	15.15%	MgO: 2.75%
OREAS 140	Lateritic Sn	1755ppm	-	(982ppm)	1529ppm	1706ppm	(7.66%)	-	(16.16%)	Bi: 318ppm
OREAS 141	Lateritic Sn	0.61%	-	(1022ppm)	2453ppm	3637ppm	(15.22%)	-	(17.19%)	Bi: 324ppm
OREAS 142	Lateritic Sn	1.04%	-	(3000ppm)	1466ppm	2436ppm	(17.04%)	-	(17.38%)	Bi: 242ppm
OREAS 700	Magnetite skarn	182ppm	1.13%	3210ppm	2040ppm	231ppm	16.06%	47.30%	10.62%	MgO: 1.74%
OREAS 701	Magnetite skarn	197ppm	2.43%	3315ppm	4850ppm	338ppm	23.98%	33.95%	12.40%	MgO: 1.32%
OREAS 171	Mn ore (siltstone)	-	-	35.10%	-	-	3.66%	24.82%	7.32%	P: 0.07%
OREAS 172	Mn ore (siltstone)	-	-	42.75%	-	-	3.83%	14.09%	5.80%	P: 0.08%
OREAS 170a	Mn ore (siltstone)	-	-	45.06%	-	-	4.54%	11.34%	4.44%	P: 0.07%

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OREAS pXRF Nickel Laterite Kit

ORDER CODE: pXRF-040a

CRM Code	Description	Ni	Co	Cr ₂ O ₃	MgO	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	Cu
Silica Blank	Quartz granules	-	-	-	-	-	99.99%	<0.0001%	0.0002%	-
OREAS 25a	Soil lithogeochem blank	45.8ppm	8ppm	183ppm	0.54%	18.24%	56.70%	9.77%	1.93%	34ppm
OREAS 45d	Anomalous ferruginous soil	234ppm	31ppm	879ppm	0.42%	15.99%	49.63%	21.38%	1.49%	375ppm
OREAS 45e	Anomalous ferruginous soil	459ppm	59ppm	1568ppm	0.27%	13.04%	40.13%	35.46%	0.99%	756ppm
OREAS 182	Ni-Co ore (saprolite/limonite)	0.71%	728ppm	1.29%	9.16%	4.07%	46.77%	29.40%	0.05%	52ppm
OREAS 183	Ni-Co ore (saprolitic)	1.00%	225ppm	0.65%	27.31%	1.60%	44.49%	12.73%	0.02%	21ppm
OREAS 184	Ni-Co ore (saprolite/limonite)	1.02%	903ppm	1.75%	3.05%	4.62%	42.25%	39.30%	0.06%	70ppm
OREAS 186	Ni-Co ore (saprolite/limonite)	1.23%	692ppm	1.42%	4.89%	5.19%	46.29%	32.04%	0.07%	61ppm
OREAS 189	Ni-Co ore (saprolitic)	1.48%	326ppm	0.77%	23.09%	2.09%	46.20%	15.04%	0.03%	<50ppm
OREAS 190	Ni-Co ore (saprolite/limonite)	1.64%	889ppm	1.73%	6.91%	6.00%	38.22%	35.48%	0.06%	68ppm
OREAS 192	Ni-Co ore (saprolitic)	1.77%	404ppm	0.91%	21.32%	2.76%	43.58%	18.10%	0.04%	38ppm
OREAS 193	Ni-Co ore (saprolitic)	1.93%	495ppm	0.96%	20.25%	3.08%	42.72%	19.51%	0.05%	<50ppm
OREAS 195	Ni-Co ore (saprolitic)	2.94%	477ppm	0.96%	19.01%	3.13%	44.00%	18.29%	0.04%	<50ppm

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OREAS pXRF Magmatic Nickel Kit

ORDER CODE: pXRF-050a

CRM Code	Description	Ni	Cu	Co	Cr	MgO	SiO ₂	Fe	TiO ₂	S
Silica Blank	Quartz granules	-	-	-	-	-	99.99%	<0.0001%	0.0002%	-
OREAS 25a	Soil lithogeochem blank	45.8ppm	33.9ppm	8.1ppm	125ppm	0.54%	56.70%	6.83%	1.93%	0.05%
OREAS 24c	Basalt lithogeochem	138ppm	48.6ppm	42.7ppm	193ppm	6.52%	-	7.62%	1.77%	<0.01%
OREAS 45d	Anomalous ferruginous soil	234ppm	375ppm	31.3ppm	601ppm	0.42%	49.63%	14.94%	1.49%	0.05%
OREAS 45e	Anomalous ferruginous soil	459ppm	756ppm	59ppm	1073ppm	0.27%	40.13%	24.79%	0.99%	0.05%
OREAS 70b	Komatiite	2231ppm	52ppm	83ppm	1243ppm	22.45%	47.96%	5.51%	0.30%	0.31%
OREAS 13b	Ni-Cu Gabbro	2247ppm	2327ppm	75ppm	1.08%	4.99%	48.98%	8.41%	1.19%	1.20%
OREAS 72b	Ni mineralised Komatiite	0.69%	193ppm	126ppm	961ppm	15.94%	51.16%	6.80%	0.36%	1.48%
OREAS 73b	Ni mineralised Komatiite	1.50%	430ppm	246ppm	1172ppm	19.57%	44.68%	8.63%	0.32%	2.90%
OREAS 14P	Ni-Cu massive sulphide	2.09%	1.00%	754ppm	52ppm	0.46%	-	37.10%	0.41%	23.80%
OREAS 74b	Ni ore (Komatiite)	3.39%	947ppm	502ppm	981ppm	15.31%	44.42%	12.40%	0.26%	6.61%
OREAS 75b	Ni ore (Komatiite)	5.38%	1483ppm	788ppm	942ppm	14.51%	33.52%	17.17%	0.23%	10.79%
OREAS 76b	High grade Ni ore (Komatiite)	7.78%	2262ppm	1103ppm	663ppm	9.62%	29.39%	21.76%	0.17%	15.18%
OREAS 77b	High grade Ni ore (Komatiite)	11.24%	3163ppm	1604ppm	341ppm	4.43%	19.77%	29.21%	0.11%	22.82%

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OREAS pXRF Zn-Pb-Ag Sulphide Kit

ORDER CODE: pXRF-060a

CRM Code	Description	Zn	Pb	Ag	Cu	As	S	SiO ₂	Fe	Other
Silica Blank	Quartz granules	-	-	-	-	-	-	99.99%	<0.0001%	-
OREAS 24c	Basalt lithogeochem	108ppm	3ppm	<0.2ppm	48.6ppm	<0.2ppm	<0.01%	-	7.62%	Co: 43ppm
OREAS 160	Siliceous dolomitic breccia	7ppm	7ppm	<0.2ppm	13ppm	-	0.04%	88.70%	1.13%	Co: 2.8ppm
OREAS 24b	Granodiorite lithogeochem	105ppm	23ppm	2ppm	38ppm	8ppm	0.20%	66.00%	4.44%	Co: 17ppm
OREAS 932	Cu ore (siltstone)	599ppm	200ppm	23ppm	6.19%	13.1ppm	7.11%	48.53%	14.64%	Co: 62ppm
OREAS 112	Massive sulphide breccia	4302ppm	349ppm	17ppm	5.13%	240ppm	-	-	33.30%	Co: 547ppm
OREAS 623	Polymetallic VMS	1.03%	2470ppm	23ppm	1.73%	86ppm	8.83%	52.30%	13.45%	Ba: 1417ppm
OREAS 131b	Zn-Pb-Ag ore (siltstone)	3.05%	1.90%	32ppm	217ppm	90ppm	4.93%	44.21%	5.85%	Ba: 795ppm
OREAS 36	Zn ore (Massive sulphide)	4.22%	0.55%	10.2ppm	153ppm	699ppm	18.81%	-	21.06%	Tl: 109ppm
OREAS 132b	Zn-Pb-Ag ore (siltstone)	5.20%	3.88%	61ppm	467ppm	155ppm	8.23%	38.11%	7.81%	Ba: 890ppm
OREAS 37	Zn ore (Massive sulphide)	6.30%	0.60%	5.2ppm	129ppm	460ppm	26.79%	-	23.53%	Tl: 156ppm
OREAS 133b	High grade Zn-Pb-Ag (siltstone)	11.62%	5.20%	101ppm	327ppm	136ppm	11.48%	33.83%	8.21%	Ba: 799ppm
OREAS 134b	High grade Zn-Pb-Ag ore	18.12%	13.20%	206ppm	1337ppm	224ppm	19.59%	12.98%	12.69%	Ba: 1359ppm

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OREAS pXRF Uranium Kit

ORDER CODE: pXRF-070a

CRM Code	Description	U	Th	Ce	Mg	K	SiO ₂	Fe	Nd	Other
Silica Blank	Quartz granules	-	-	-	-	-	99.99%	<0.0001%	-	-
OREAS 24c	Basalt lithogeochem	0.76ppm	3.08ppm	-	3.93%	0.74%	-	7.62%	-	Ti: 1.06%
OREAS 25a	Soil lithogeochem blank	3.5ppm	16.4ppm	51.0ppm	0.32%	0.48%	56.70%	6.83%	20ppm	Ti: 1.15%
OREAS 24b	Granodiorite lithogeochem	3.1ppm	16.5ppm	86ppm	1.66%	2.81%	66.00%	4.44%	39ppm	Ti: 0.48%
OREAS 120	Sandstone	40.5ppm	5.45ppm	46.3ppm	0.25%	2.66%	81.90%	1.58%	19ppm	Ti: 0.26%
OREAS 100a	Granitic/haematitic breccia	135ppm	51.6ppm	463ppm	0.84%	3.94%	-	-	152ppm	Ti: 0.24%
OREAS 121	U-bearing Sandstone	215ppm	5.57ppm	45.6ppm	0.25%	2.73%	81.50%	1.62%	19ppm	Ti: 0.26%
OREAS 101b	U ore Granitic/haematitic brec.	396ppm	37.1ppm	1331ppm	1.23%	2.42%	-	10.80%	378ppm	Ti: 0.39%
OREAS 122	U ore Sandstone	418ppm	5.57ppm	46.1ppm	0.26%	2.73%	81.70%	1.65%	19ppm	Ti: 0.26%
OREAS 102a	U ore Granitic/haematitic brec.	662ppm	39.6ppm	587ppm	1.36%	3.63%	-	5.78%	180ppm	Ti: 0.18%
OREAS 123	U ore Sandstone	853ppm	5.73ppm	46.7ppm	0.26%	2.72%	81.80%	1.62%	20ppm	Ti: 0.27%
OREAS 106	U-Th ore Granitic gneiss	1143ppm	644ppm	137ppm	-	1.59%	-	-	84ppm	La: 54ppm
OREAS 124	U ore Sandstone	1794ppm	5.74ppm	47.6ppm	0.23%	2.68%	81.50%	1.56%	21ppm	Ti: 0.26%

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