

REFLEX XRF™ CRM Test Kits



REFLEX provides a customised Certified Reference Material (CRM) kit with each REFLEX XRF™ instrument. Each kit includes a total of 14 – 15 Ore Research CRMs. A silica blank and 6 low level soil and lithochemical CRMs are provided in each kit (see Group 1 below). The remaining CRMs in the kit are customized into specific commodities and can be selected by the customer (see Groups 2 – 7). Additional kits can be purchased if required. CRM certificates of analysis and MSDS sheets are supplied on a USB memory key with the instrument.

GROUP 1. BLANKS, LITHOGEOCHEMISTRY AND SOIL CRMS. THESE ARE INCLUDED IN ALL CRM KITS.

CRM_ID	Description
OREAS22d	Quartz matrix blank (multi-element)
OREAS24b	Granodiorite lithochemical blank
OREAS25a	Soil geochemistry blank
OREAS24c	Basalt lithochemical blank
OREAS45d	Anomalous ferruginous soil
OREAS45e	Anomalous ferruginous soil
SiO ₂ Blank	

GROUP 2. IRON ORE

CRM_ID	Fe_%	Description
OREAS401	45.63	Hematite Ore
OREAS402	48.41	Hematite Ore
OREAS403	52.30	Hematite Ore
OREAS404	55.10	Hematite Ore
OREAS405	58.00	Hematite Ore
OREAS406	61.44	Hematite Ore
OREAS40	66.72	High grade Hematite Ore

GROUP 3. COPPER-GOLD (INC PORPHYRY AND EPITHERMAL)

CRM_ID	Cu_%	Au_ppm (for reference only)	Description
OREAS501b	0.260	0.248	Porphyry Copper-Gold-Molybdenum
OREAS502b	0.773	0.494	Porphyry Copper-Gold-Molybdenum
OREAS503b	0.531	0.695	Porphyry Copper-Gold-Molybdenum
OREAS504b	1.110	1.610	Porphyry Copper-Gold-Molybdenum
OREAS901	0.141	0.363	Low grade transitional oxide copper-gold
OREAS902	0.301		Low grade transitional oxide copper
OREAS903	0.652		Medium grade transitional oxide copper
OREAS904	0.612	0.045	Medium grade transitional oxide copper

GROUP 4. LEAD ZINC

CRM_ID	Pb_%	Zn_%	Comment
OREAS36	4.22	0.553	Low grade zinc ore
OREAS37	6.30	0.597	Medium grade zinc ore
OREAS38	9.99	0.560	High grade zinc ore
OREAS131b	3.05	1.90	Galena, Sphalerite, Pyrite and Pyrrhotite
OREAS132b	5.19	3.88	Galena, Sphalerite, Pyrite and Pyrrhotite
OREAS133b	11.62	5.20	Galena, Sphalerite, Pyrite and Pyrrhotite
OREAS134b	18.12	13.20	Galena, Sphalerite, Pyrite and Pyrrhotite

GROUP 5. URANIUM

CRM_ID	U_ppm	Comment
OREAS100a	135	IOCG - granitic and haematitic breccia
OREAS101b	396	IOCG - granitic and haematitic breccia
OREAS102a	662	IOCG - granitic and haematitic breccia
OREAS105	532	
OREAS120	40.8	Karoo sandstone-hosted tabular deposit
OREAS122	418	Karoo sandstone-hosted tabular deposit
OREAS123	853	Karoo sandstone-hosted tabular deposit
OREAS124	1,794	Karoo sandstone-hosted tabular deposit

GROUP 6. NICKEL

CRM_ID	Ni_ppm	Cu_ppm	Comment
OREAS13b	2,247	2,327	PGE-Cu-Ni
OREAS182	7,070	52	Laterite
OREAS187	13,700	40	Laterite
OREAS72b	7,086	193	Sulphide
OREAS73b	15,044	430	Sulphide
OREAS74b	33,933	947	Sulphide
OREAS75b	53,825	1,483	Sulphide
OREAS76b	77,800	2,262	Sulphide

GROUP 7. COPPER

CRM_ID	Cu_%	Comment
OREAS901	0.141	Low grade transitional oxide copper-gold
OREAS902	0.301	Low grade transitional oxide copper
OREAS903	0.652	Medium grade transitional oxide copper
OREAS904	0.612	Medium grade transitional oxide copper
OREAS504b	1.110	Porphyry Copper-Gold-Molybdenum
OREAS100a	0.169	IOCG - granitic and haematitic breccia
OREAS101b	0.416	IOCG - granitic and haematitic breccia
OREAS102a	0.289	IOCG - granitic and haematitic breccia

Further Information

For more information please go to our website www.reflexnow.com or contact your nearest REFLEX office.

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