

INSTANT GEOCHEMISTRY

INNOV-X PORTABLE XRF ANALYSERS

OMEGA EXPLORE

Total Field Data Collection Solutions

"A New Era in Field Geochemistry"

The Portable XRF Revolution continues with the pioneering manufacturer of portable XRF: The Innov-X Systems **Omega Explore** Ultra-Rugged, Field Portable XRF Package.

The **Omega Explore** portable XRF has been uniquely configured to satisfy the growing demand for Mobile GIS Integration within the Mineral Exploration and Mining Industry. The system has been specifically tailored and strategically partnered to industry standard Field Operating Hardware & Software, providing confidence under harsh operating conditions and ensuring maximum compatibility with existing devices and GIS platforms.

FEATURES:

- Ruggedised INNOV-X OMEGA Portable XRF
- Ruggedised TRIMBLE Field Computers with GPS +/- High Accuracy DGPS
- ESRI ArcPAD Mobile GIS Integration (*ENCOM Discover Mobile Version Coming Soon*).
- ioGLOBAL's Geochemical Analysis Software suite (ioGAS) & consulting expertise

The Essential Mobile GIS Solution for Your Real-Time Geochemistry...

26	27	28	29	30	31	32	33	34
Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se
44	45	46	47	48	49	50	51	
Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	T
76	77	78	79	80	81	82	83	
Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po



Omega Handheld XRF



Trimble NOMAD Field Computer



INNOVATIVE XRF TECHNOLOGY

OMEGA *Explore*

We deliver on the Total Field Data Collection Solution that the Mineral Exploration Industry has been asking for...

The purchase of Portable XRF Instrumentation represents a large capital investment by an emerging explorer or active mining operation. Consequently, the ability to interface this instrumentation with existing database and GIS systems is integral in extracting the most value out of the geochemical data collected.

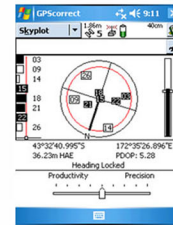
Innov-X Systems, through its Global Mining Application support partner **JBS Mining**, has put together a Strategic Partnership of Industry Standard Field Operating Hardware & Software Providers. The choice of **Trimble** Field Computers and GPS Solutions paired with **ioGlobal's** Geochemical Software Suite and consulting expertise deliver maximum value, confidence, reliability and compatibility in line with industry expectations.

Ultimate Positioning is the leading Australian distributor for **Trimble**, the world leader in designing and developing innovative products enabled by GPS technology. Through integration with ESRI's ArcPAD Mobile GIS they have enabled the ability to capture streaming XRF Meta-Data produced from the Innov-X Omega Portable XRF at the exact time and location of analysis. The accuracy of this location can be further enhanced (down to 10cm!) through the addition of Real-Time Differential GPS (DGPS) via the *GPSCorrect Extension* for ArcPAD, using Trimble Pro-XRT GPS Receiver Technology.

Collecting data is one thing, adding value to the data through Good Quality Assurance Protocols and Validation is the next most crucial step. We have partnered with **ioGlobal** to reinforce their simple vision: *"To be the logical choice in geochemistry and data management solutions"* The result is customized, formatted templates allowing for seamless upload into their ioHUB Web Database, validation using ioQA Reporter, visualization & analysis in ioGAS and simple export to Google Earth or GIS Packages such as ArcGIS, MapInfo and Encom Discover. Finally, when you have a geochemical anomaly you don't understand, you can call on the expertise of ioGlobal for high level Geochemical Consulting...

Element	Value	Element	Value
V	0.083	Ti	0.112
Mn	1.820	Cr	17.151
Co	0.000	Fe	67.595
Cu	0.700	Ni	10.471
Zr	0.000	Zn	0.000
Mo	2.262	Nb	0.000
Sr	0.000	Ag	0.000
Hf	0.000	Sb	0.000
W	0.000	Ta	0.000
Pb	0.000	Re	0.000
Bi	0.000		0.016

Streaming XRF Meta-Data into ArcPAD Mobile GIS



Real-Time DGPS via GPSCorrect Extension



Trimble Pro-XRT DGPS Receiver

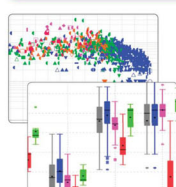
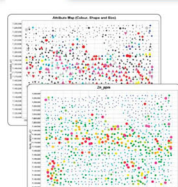
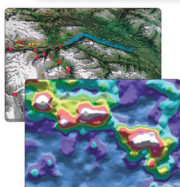


- Quick Export to Google Earth & GIS
- Anomaly Identification
- Interactive Charting
- Rock Classification

imaging

mapping

plotting



ioGlobal's ioGAS - Exploratory Data Analysis Package

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