



## Dr. GRIGORI "GREG" Y. ABRAMOV

Mining Engineer

### SUMMARY OF QUALIFICATIONS

Over 25 years of borehole mining expertise.

Native Russian mining engineer with a Master of Science degree. Borehole mining (BHM) expert with extensive design and operational experience in recovery of minerals through the application of borehole mining techniques.

Grigori Abramov is postgraduate at Moscow Geo-Prospecting Institute. His PhD dissertation was dedicated to developing of combined technology of borehole mining and In-Situ leaching of uranium based on research and development of short-barrel hydro monitors, high-pressure water polymer and abrasive additives and a specialization in BHM technology.

In 1992 he received an invitation from Denver, CO based Resource Development (USA), Ltd. to relocated to the United States.

Memberships: Society For Mining Engineering, Water Jet Technology Association and International Marine Minerals Society

### EMPLOYMENT HIGHLIGHTS

President of Borehole Mining International, Inc.

Borehole Mining - Technical Tool Design - Project Planning - Open Pit & Subsurface Mine Design - In-Situ Leaching - Coalbed Methane Recovery, Environmental Remediation

Maxtor, Lockheed Martin, Wiley Engineering, Inc.

Proficient in computer aided mechanical design (AutoCAD/Pro-E/Solid Works).

### PROFESSIONAL ACCOMPLISHMENTS

SUPERVISED DESIGN and DEVELOPMENT of borehole mining technology and tools. Over 25 years of BHM projects. IMPROVED and PATENTED new and existing borehole mining equipment. Holds over 40 PATENTS, has 1 patent pending, has PUBLISHED over 100 articles and scientific works related to borehole mining technology and hydrodynamics. Most recent article in Mining Engineering January, 2004

### EMPLOYMENT HISTORY and BOREHOLE MINING PROJECTS

<u>Years</u>	<u>Mine/Project</u>	<u>Location</u>	<u>Short Description</u>
1995- Present	Borehole Mining International, Inc.	Denver, Colorado USA	Establishment of company, design and patenting of new tools, construction of tools, field testing and application.
1992- 1994	Coalbed Methane Recovery	San Juan Coal Basin New Mexico, USA	Natural Gas stimulation by BHM techniques
1989-1992	Russian Diamonds	Arkhangelsk Region	BHM of diamonds
1988-1990	Kursk Magnetic Anomaly	Central Russia	BHM of iron ore
1987-1990	Kolubara Project	Serbia, Yugoslavia	BHM of Quartz Sand
1978-1982	LenZoloto Bodaibo,	Baikal Lake region	Gold underground and Borehole mining
1976-1980	Titanium-Zirconium	Central Ukraine	BHM of Ti I Zr
1975-1976	Phosphorites	Baltic republics	Open pit and BHM
1974-1992	Baltic Sea Amber	Russian West	BHM of Amber
1973-1974	Lithosphere Institute Academy of Science	Russian Far East (Khabarovsk region)	Soviet Manganese Reserves re-evaluation
1970-1990	Shevchenko (Aktau)Uranium	West Kazakhstan (Caspian Sea Coast)	Open pit and Borehole Mining (BHM) of Uranium
1969-1970	Moscow State University	Central Kazakhstan Republic	Geological Mapping