

Module 9: Economics of Small Scale Mining-Writing a Business Plan

- Business Plan & Planning
 - Relationship in Business Plan & Planning
- Writing a Business Plan
 - Business Plan Format
 - Constructing a Business Plan
 - Expansion of a Business Plan



Participants on field trip and mine site visitation



Participants doing simple mapping activity using MapInfo applications

The Level 4 course is mainly focused on Planning and Management practices in Small Scale Mining but also addresses related topics at that level reinforced with more practical activities and mine site visits.

FOR MORE INFORMATION PLEASE CONTACT

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SMALL SCALE MINING TRAINING CENTRE

**WAU, MOROBE PROVINCE,
PAPUA NEW GUINEA**



**CONTENT
OF
LEVEL 4 COURSE
2 WEEKS**

Module 2: Laws Governing Small Scale Mining in PNG

- Acquiring a Tenement License
 - Alluvial Mining Tenement and Application Process
 - Mining Lease Tenement Application Process
 - Compiling Work/Development Proposal
 - Filling in Compensation Agreement
 - Completing/Application for Environment Permits
- Managing a Lease/Tenement
 - Managing a Lease
 - Why Manage a Lease
 - Employment of Mine Managers/Deputies
 - Qualification of Employees
- Safety in an Operation
 - Safety of Employees
 - Reporting Procedures

Module 4: Advanced Alluvial Prospecting Technique-GPS & Simple Mapping

- Planning an Advanced Prospecting Program
 - Planning and Managing a Prospecting Program
- GPS-Practical Application and Simple Mapping
 - How to Create Waypoints
 - How to Save Data
 - How to Download Data
 - How to Create a Simple Map

Module 5: Mining & Processing –Planning & Management

- Planning and Management
 - Provides Direction
 - Reduces Risks of Uncertainty
 - Reduces Overlapping & Wasteful Activities
 - Promotes Innovative Ideas
 - Facilitates Evaluation & Decision Making
 - Establishes Standards for Controlling
- Schematic Planning & Designing
 - Schematic Diagram
 - Understanding Symbols
 - Developing a Schematic Plan
 - Drawing Schematic Mining & Processing Designs
- Optimization of Mining & Processing Systems
 - Commissioning Plant Designs
 - Measuring Plant Recovery Outputs

Module 7: Environmental Management Plans

- Compiling Environment Management Plan
 - Environment Management Plan for Project Site
 - Environment Inspection and Audit
 - Environment Emergency Response
 - Incident/Accident Reporting
 - Environment Management
 - Surface and Ground Water Management
 - Surface Runoff
 - Pits, Waste Rock Dumps and Ore Stockpiles
 - Erosion and Sedimentation Management
 - Waste Rock Management
- Compiling a Closure Plan