



“ SOLUTIONS FOR SUCCESSFUL
GOLD MINING OPERATIONS ”

Apexx Gold Mining Solution Private Limited

Ph:+971 52 649 7899

TECHNICAL CONSULTING

- ▶ Project consulting from mine planning to production.
- ▶ Equipment selection for efficient & cost-effective operations.
- ▶ Process study for optimization to maximize gold recovery & production.
- ▶ On-site technical support to enhance production of gold.
- ▶ Customized project design to match ore type and site conditions.
- ▶ Environmental, safety, and compliance guidance.

HARD ROCK GOLD MINING

- ▶ Turnkey Projects ranging from 5 tph to 100 tph.
- ▶ Advanced machinery for crushing, grinding, screening & beneficiation.
- ▶ High recovery and enrichment through flotation, leaching, and CIP techniques.
- ▶ Cost-efficient processing for maximum return on investment.
- ▶ Low-maintenance, user-friendly equipments for better operational efficiency.
- ▶ Durable systems built for continuous 24×7 operation.

ALLUVIAL GOLD MINING

- ▶ Processing capacities from 100 to 150 tph for small & medium scale operations.
- ▶ Easy-to-use machines ensuring smooth operation with low operating cost.
- ▶ Robust machinery for tough mining environments.
- ▶ Multi-stage recovery using sluicing and centrifuging for higher gold yield.
- ▶ Available in mobile or stationary configurations.
- ▶ Reliable after sale service and technical support.

FIRE ASSAY LAB SETUP

- ▶ Complete lab setup for precise gold testing and quality control.
- ▶ Supply, installation, commissioning and training of complete Gold testing laboratory.
- ▶ High-precision equipments and tools for reliable fire assay test results.
- ▶ Testing lab layouts to suit capacity and workflow.
- ▶ Lab software to record and share the testing results.
- ▶ Durable, energy-efficient equipment for continuous operation.

RECRUITMENT & TRAINING

- ▶ Recruitment of trained manpower at different levels to support for smooth operations.
- ▶ Assist with workforce planning in-line with production goals and project phases.
- ▶ Tailored candidate sourcing for specific roles at different levels.
- ▶ Customized training modules tailored to project needs.
- ▶ Training in gold extraction processes & process control parameters by experienced professionals.
- ▶ On-site training to enhance recovery & reduce consumables.

EXPERTS ON BOARD



Mr. Kawaljit Singh Dhama

Managing Director

Mr. Dhama has over 30 years of experience in consulting, business planning as well as managing various engineering industries including gold mining. He is a Mechanical Engineer and holds an MBA in Operations management as well as the Six sigma master black belt certification.

EXPERTS ON BOARD



Mr. Shanth Kumar

Technical Director
(Mining & Geology)

Mr. Shanth Kumar is an eminent mining engineer and has over 4-decades of experience as project head with a premier gold producer in India. He specializes in Shaft Sinking, Mine Mechanized Development and Production, Survey, Geology, Ventilation, Rock Mechanics, Mine de-watering system, and Planning with software. He also has wide exposure to mining activities in Open Pit Mining as well as in Deep Metal Mechanized underground mines operating almost 1 Km below the surface.

EXPERTS ON BOARD



Mr. Shankar Gouda

Technical Director
(Metallurgy)

Mr. Shankar Gouda has passion for innovation in Gold, Copper and Tungsten extraction. With over 5-decades of experience at top positions in mining operations, metal processing plants and R&D in India, he is an expert in Bio leaching, refining and assaying. He has also dealt with various types of ores in different geographies of the world viz. Tanzania, Armenia, Togo and Ghana.

EXPERTS ON BOARD



Mr. Krishna Naik

Technical Director
(Engineering)

Mr. Krishna Naik is an experienced Chartered Engineer with 30 years spent in operations and project management for large scale gold mining projects. He is a specialist in planning, designing, procurement, installation and commission of large-scale beneficiation plants. He is an expert in optimizing SAG mill & Ball mill and is familiar with different geographies viz. Armenia, Togo, Ghana and India.

EXPERTS ON BOARD



Mr. Apsar Miya

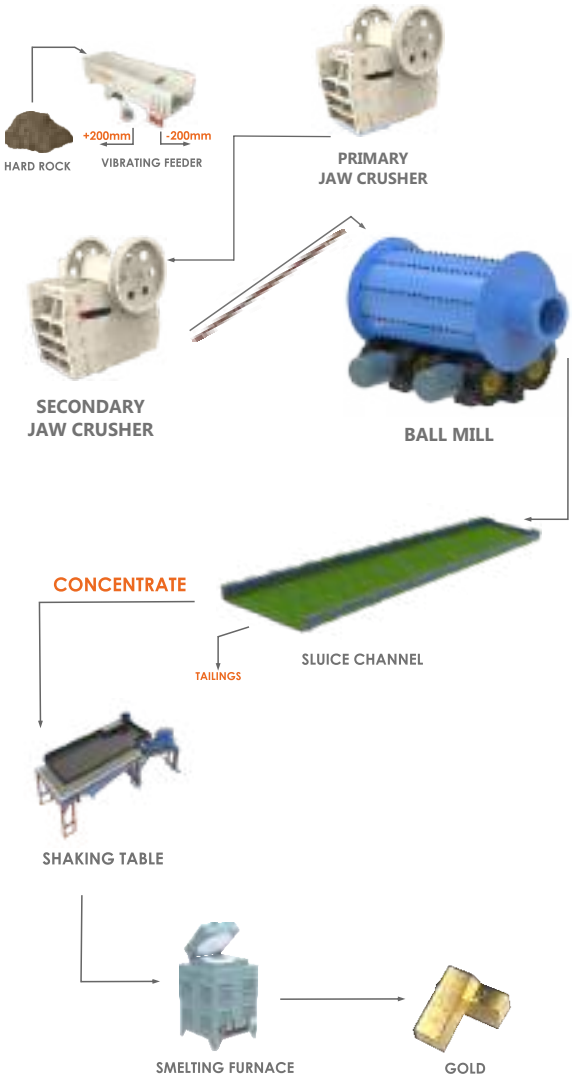
Technical Director
(Mining & Geology)

Mr. Apsar Miya is an experienced mining engineer with more than 4-decades of experience in different large-scale Gold mining operations. He is a seasoned mining expert with exceptional insights for hard rock mining, planning, organizing and implementation.

METHOD, CAPACITIES & EQUIPMENTS FOR HARD ROCK GOLD MINING

<p>MODERATE RECOVERY METHOD</p> <p>CAPACITY (5,15 TPH)</p>	<ul style="list-style-type: none"> • Jaw Crusher • Ball Mill • Shaking Table • Sluice channels
<p>HIGH RECOVERY WITH PHYSICAL METHOD</p> <p>CAPACITY (15,25,50,100 TPH)</p>	<ul style="list-style-type: none"> •Jaw Crusher •Ball Mill •Vibrating Screen •Hydro Cyclone •Storage Tanks •Concentrators •Shaking Table
<p>HIGH RECOVERY WITH PHYSICAL & CHEMICAL METHOD</p> <p>CAPACITY (50,100 TPH)</p>	<ul style="list-style-type: none"> •Jaw Crusher •Ball Mill •Vibrating Screen •Hydro Cyclone •Concentrators •Shaking Table •Thickner •Leaching Tank •Carbon In Pulp process •Electrolysis
<p>HIGH RECOVERY WITH CHEMICAL METHOD</p> <p>CAPACITY (25,50,100 TPH)</p>	<ul style="list-style-type: none"> •Jaw Crusher •Ball Mill •Vibrating Screen •Hydro Cyclone •Thickner •Leaching Tank •Carbon In Pulp process •Electrolysis

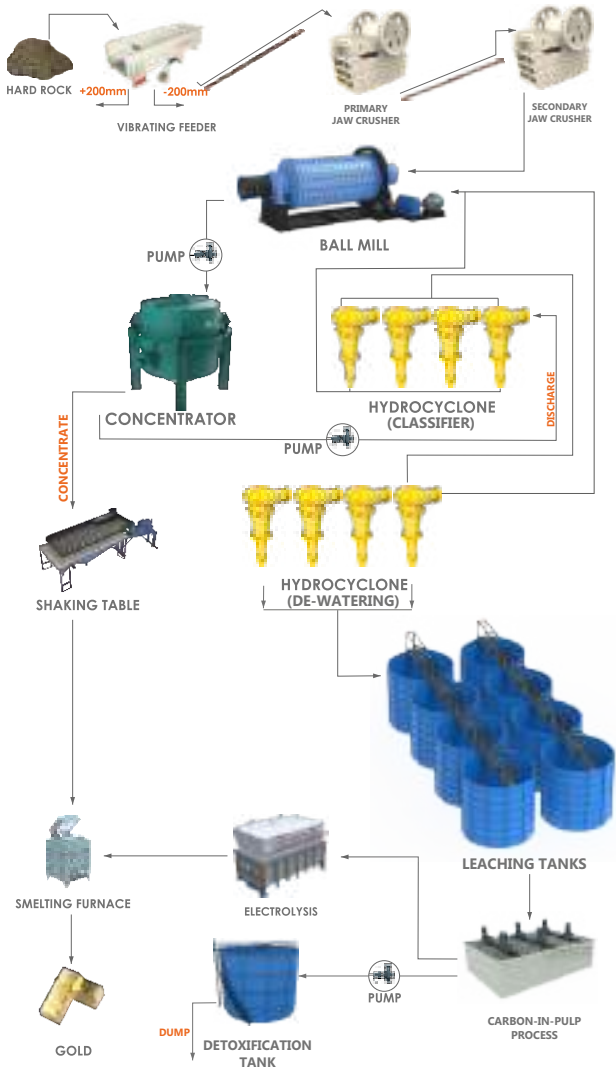
MODERATE RECOVERY METHOD (5,15TPH)



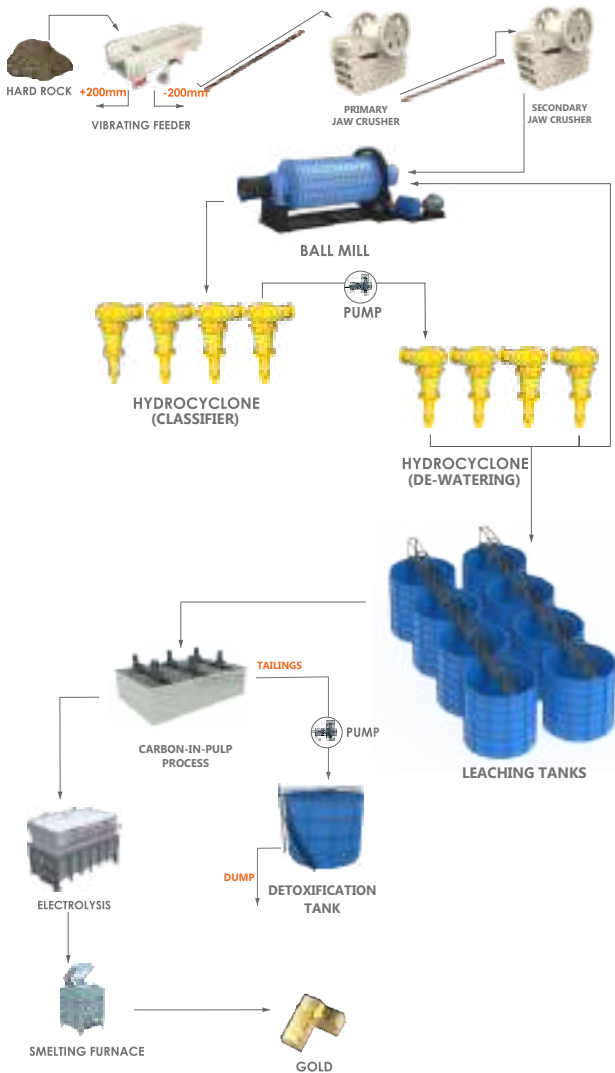
HIGH RECOVERY WITH PHYSICAL METHOD (15,25,50,100TPH)



HIGH RECOVERY WITH PHYSICAL & CHEMICALS METHOD (50,100TPH)



HIGH RECOVERY WITH CHEMICALS METHOD (25,50,100TPH)



METHOD, CAPACITIES & EQUIPMENTS FOR ALLUVIAL GOLD MINING

**HIGH
RECOVERY
METHOD**

**CAPACITY
(100,125,150TPH)**

- Washing Plant
- Hydro Cylone
- Storage Tanks
- Concentrator
- Shaking Table



- ★ GREEN MINING
- ★ MORE RECOVERY
- ★ JAPANESE STEEL
- ★ DOUBLE YOUR PRODUCTION

TECHNICAL SPECIFICATIONS

MODELS	M300	MM400	MM500
Solid Feed (TPH)	100	125	150
Operational Capacity (TPH)	300	400	500
Trommel Length	15'	17'	20'
Trommel Effective Dia.	60"	70"	79"
Hopper Size	12' x 9'	13' x 12'6"	13' x 12'6"
Engine Cylinders	6CYL.	6CYL.	6CYL.
Pump suction Flange	6"	8"	8"
No. of Tyres	6	12	12
Both side slurry channel	✓	✓	✓

HIGH RECOVERY METHOD (100,125,150 TPH)



GLOBAL PRESENCE



Apexx Gold Mining Solution Private Limited
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Jalandhar-144022, Punjab, India

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Formerly known as

ABSP