

The Pakistan Platinum Group Metals Project

First-Mover Access to a New, High-Grade PGM Frontier

Presented by: Echo Consulting



The Invisible Giants of Industry

They are the silent workhorses of modern civilization. The catalysts that clean our air. The crucibles that shape our technology. The heart of clean hydrogen and the backbone of advanced medicine.

They are the **Platinum Group Metals (PGMs)** – Platinum, Palladium, Rhodium, Iridium, Ruthenium, and Osmium.

The global market is projected to soar to \$33 Billion by 2033, yet supply is geopolitically concentrated and critically constrained.

Today, we unveil a strategic, first-mover opportunity to break the supply chain monopoly.

A Geological Masterpiece - A New PGM Province

For decades, the PGM story has been written by a few key players. The geology that made them giants is not unique to their borders.

The same geological forces that created the legendary **Bushveld Complex** in South Africa also formed the **Zhob and Lasbela ophiolite belts** in Pakistan.

We are not exploring a random patch of land; we are targeting a virgin geological analogue to the world's most prolific PGM deposits.



The “WOW” Factor – The Pakistan Advantage

Let’s be clear. We are not claiming to be the next Bushveld in scale. We claim to offer a **superior opportunity for strategic capital**.

Feature	South Africa’s Bushveld Complex	Pakistan/ Zhob-Lasbela Ophiolites
Geological Setting	Layered Mafic Intrusion	Ophiolite Complexes
Exploration Status	Mature for 100+ years	Immature – Largely Unexplored
Key Advantage	Massive Scale & Low Cost	High grade for Ophiolite Type & First-Mover Advantage
Initial Sample Grade	4-8g/t Total PGM	0.5-2.5 g/t Total PGM

Our advantage is not just in rock; it’s in the opportunity. This is a first-mover opportunity in a world-class geological setting.

The Proof – De-risking the Discovery



Confirmed Resources and Nationwide Potential

This is not a single-site gamble. We have identified multiple, proven reserves across Pakistan.

Zhob & Muslim Bagh

Balochistan – Primary target with confirmed PGM presence.

Waziristan

Khyber Pakhtunkhwa – Secondary exploration zone.

Supat Complex

Gilgit-Baltistan – High altitude potential.

Our initial focus is on the Zhob Valley Ophiolites, where sampling has already confirmed the presence of PGMs in podiform chromitites.

A Strategy – A Clear Path to Production

Our plan is methodical, designed to maximise knowledge and minimise risk at every stage.

1

Phase 01: Quantification & Bankable Feasibility

Goal

Comprehensive drilling, resource modelling and the creation of a JORC/NI 43-101 compliant report.

Outcome

A definitive blueprint for a mining operation, de-risking all future investment.

2

Phase 02: Pilot-Scale Mining & Beneficiation

Goal

Establish a pilot plant to process ore and produce a PGM concentrate on the market.

Outcome

Early cash flow and operational validation.

3

Phase 03: Full-Scale Mining & Refining Complex

Goal

Construction of a dedicated refining facility to produce pure PGMs.

Outcome

Becoming a direct supplier to the global automotive, tech, And chemical industries.

The Investment – A Ground Floor Opportunity

Your Entry Point into a Strategic Metal Supply Chain

The greatest value accretion in mining happens between discovery and production. We are offering entry at the ground floor.

Secure Legal Framework

Investment through a Special Purpose Vehicle (SPV) with transparent governance.

Strategic Location

Access to established industrial zones and key global shipping routes via Gwadar port.

Government Backing

Full support under Pakistan's Mineral Development Framework and attractive incentives for pioneering investors.

Massive Upside: The potential to define a new, world-class PGM district.

The Macro Case – Irresistible Market Dynamics



**Market
Growth**

\$33B

Projected Market Size by 2033

**Annual Growth
Rate**

5%+

Compound Annual Growth Rate
(CAGR)

Unshakeable Demand Fundamentals

The Energy Transition

Auto-catalysts for internal combustion engines and emerging uses in hydrogen fuel cells.

Advanced Technology

Critical for glass manufacturing, electronics and medical devices.

Rhodium prices have exceeded gold by multiples. The economic incentive is undeniable.

The World Needs New PGM Sources.

You Can Help Build One.

This is more than a mining project. It is a chance to build a new, strategic supplier for the global high-tech industry.

We have the geology, the strategy, and the team. We are seeking visionary capital partners to join us in this foundational phase.

Be the first to secure a position in what could be the next major chapter in the global PGM story.

THANK YOU

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Let's Define the Future of Strategic Metals. Together.