# FACT SHEET – ARRIEROS NORTHERN CHILE



#### TARGETS

Domeyko Cordillera style porphyry
Cu-Mo (-Au) target – covered



## **ARRIEROS / PORPHYRY CU- MO (-AU)**

#### **HIGHLIGHTS**

- Arrieros is a reduced property (900 hectares) from an originally larger project area, completely obscured by extensive post- mineral alluvial "pampa" cover
- Arrieros comprises a 3D Vector-IP chargeability anomaly in an area of post- mineral alluvial "pampa" cover
  - > Untested by historic drilling
- · Located adjacent to a series of historically drilled porphyry targets
  - > Adjacent Montezuma Project (to west) porphyry copper pathfinders
- · Located along world's preeminent Domeyko Cordillera copper belt in northern Chile
  - > Midway between the giant Chuquicamata and Centinela copper- molybdenum (-gold) mining districts
  - > Domeyko Cordillera is host to 3 of the world's top 5 copper mining districts
- Supported by multiple magnetic features in Arrieros pampa, possibly related to a batholithic intrusion at depth
- · Geology equivalent to major porphyry copper districts along belt
- Middle Eocene to Early Oligocene age dated porphyry systems historically drill tested to the immediate west of Arrieros (at Montezuma project)

#### **REGIONAL GEOLOGY**

- The Domeyko Cordillera mineral belt is a relatively narrow, north-south anastomosing fault zone with a complex structural history over + 600 km of the northern Chilean Andes, and includes uplifted blocks of Paleozoic to Mesozoic rocks and fault-controlled porphyry-related Tertiary magmatism
  - > Key Incaic deformation phase (~ 43Ma 32Ma) associated with Middle Eocene to Early Oligocene magmatic arc, resulting in the emplacement of some of the world's largest porphyry copper deposits and the development of the world's single most productive porphyry Cu belt
  - Including: Chuquicamata District: > 800 Kt fine Cu / year Centinela: > 250 Kt fine Cu / year
- Local geology dominated by Miocene, gravel filled "pampa" basin, bordered by uplifted Paleozoic rocks and dated, mineralized, porphyry intrusions immediately to the west

### ACCESS



Arrieros is located approximately 22 km south-southeast of the mining town of Calama and 192 km northeast of the port of Antofagasta, and directly along trend and midway between the Chuquicamata and Centinela copper mining districts in northern Chile

Access to the property is easy, from Calama, via a series of dirt roads that skirt the Calama airport, and pass directly along the famous West Fissure Fault Zone, until the project area is reached



View of Arrieros Project Covered Area with 3D-VIP Anomaly

#### **OTHER DETAILS**

- The extensive post-mineral covered alluvial filled "pampa" area that comprised the original Arrieros project (> 14,000 hectares) was targeted due to geographic location in relation to major mines and drilled porphyry projects
  - > NI43-101 Technical Report
- Property subject to:
  - > Drone-flown magnetics surveying
  - > 3D-VIP surveying
- Multiple magnetic features of prospective interest in northern half of Arrieros property
- · Cu-oxide occurrences on northern margins of Arrieros pampa
- · Property reduced in size to 900 Ha based on IP results
- Two historic drill holes to immediate south of anomaly, failed to reach bedrock (250m)
- Drill tested porphyry targets sub-cropping to immediate west of Arrieros property (historic Montezuma project)

PLANS

Drill test of Arrieros IP anomaly.



3D-VIP Map – Phase Angle – of Arrieros Project Area (Blue Box)

#### PARTNER WITH PAMPA METALS

Pampa Metals has a dynamic portfolio of properties prospective for porphyry copper and epithermal gold-silver mineralisation, all located along the major mineral belts of northern Chile. Pampa Metals looks to secure investments at the corporate level and to partnering certain projects with 3rd parties that have funding.

Technical information in this Project Summary has been approved by Mario Orrego G, Geologist and a Registered Member of the Chilean Mining Commission and a Qualified Person as defined by National Instrument 43-101. Mr. Orrego is a consultant to the Company.



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