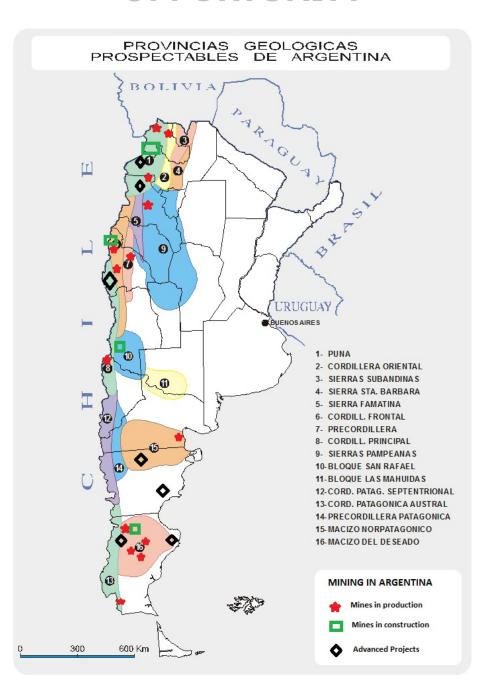
# **ARGENTINA**

# COUNTRY OF GREAT MINING OPPORTUNITY



#### INTRODUCTION

The Argentina Republic occupies a territory extending over 2.800.000 square kilometers along the eastern flnak of the southern half of Latin America.

It borders on five countries: Bolivia, Brazil, Chile, Paraguay and Uruguay.

Argentina is 3,450 km long from Bolivia to the extreme south of Patagonia region. From east to west it covers a distance of 1,300 kilometers at its widest part, from the high Andes up to the frontier with Brazil and Uruguay.

Argentina has a population near to 45 M of persons (Censo Nacional 2020). The majority, more than 45 %, lives in center and in the East of the country.

The mining zones are in general slightly populated.

#### **Mineral Occurrences**

Argentina has significant exploration potential with an abundance of minerals due to a wide range of geological phenomena. The Argentina metallogenetic provinces shows a wide variety of minerals, which include among others: gold, silver, copper, zinc, lead, molybdenum, iron, manganese, fluorite, titanium.

Argentina remains underexplored with only 25% of the country having been explored in detail.

## Mineral Exploration in Argentina

Mineral resources are an important driver in Argentina socio-economic development.

The mining Argentine industry supports his local communities and regions, especially isolated communities that have no other substantial sources of income. It is also one of the main activities generating foreign exchange and interaction between rural Argentina and the international community.

Argentina's rich geological history formedone of the largest concentrations of metals and minerals in Latin America and it is a good producer of gold, silver, copper and litio principally.

In the last six years Argentine, it has received a strong investment in exploration.

The investments in exploration went on from 180 M U\$D in the year 2002 to 11.100 M U\$D in 2011.

# **Mining History**

The history of commercial mining in Argentina, is relatively recent, not more than 100 years ago.

After a century or two of colonization, Argentina's mining fame was buried beneath the rising importance of agriculture and livestock. The country was sliding off mining maps of the world and this century mining activity was reduced to the production of construction materials; ornamental rocks and other non metaliferus minerals.

Today the mining activity occupies a place of importance in the economic development of the country. This was possible thanks, to the new mining legislation put in march in 1993, the law 24196 of Mining Investments. Nowadays in force

By means of this mining politics, Argentina possesses today 14 mines in production, 4 more in construction and 25 advanced projects waiting for his putting in production (see table).

This represents for Argentina, more of 20.000 M U\$D in investment.

Argentina export with a view to mineral concentrates for amounts superior to 3.400 M U\$D during 2011, being located to the mining industry as the fifth (5º) exporting Argentine complex.

#### **ADVANCED PROJECTS IN ARGENTINA**

PROJECTS	STATE	SUBSTANCE COMPANY		CONDITION OF THE PROJECT		
Pachón	SAN JUAN	Cu, Mo	Xstrata Copper San Juan	FEASIBILITY		
Los Azules	SAN JUAN	Cu	McEwen Minerals	PEA		
Altar	SAN JUAN	Cu, Ag	Minera Peregrine Metal - Stillwater Co.	PEA		
Agua Rica	CATAMARCA	Cu, Au, Ag, Mo	Xstrata Copper - Goldcorp - Yamana Gold	FEASIBILITY		
Lindero	SALTA	Au	Mansfield Minera	FEASIBILITY		
Quevar	SALTA	Ag, Zn	Golden Minerals	PRE FEASIBILITY		
Taca Taca	SALTA	Cu, Mo, Au.	Lumina Copper	PEA		
Diablillos	SALTA	Ag, Au	Silver Standard Resources	PRE FEASIBILITY		
San Jorge	MENDOZA	Cu, Au	Coro Mining – Minera San Jorge	PARALYZED		
Calcatreu	RIO NEGRO	Au, Ag	Pas American Silver	FEASIBILITY		
Navidad	CHUBUT	Ag	Pas American Silver	FEASIBILITY		
Cerro Solo	CHUBUT	U3O8	CNEA - State Company Argentina	PRE FEASIBILITY		
Lagunita Salada	CHUBUT	U3O8	U 308 Corporation	PEA		
Cerro Moro	SANTA CRUZ	Au, Ag	Yamana Gold Corp.	PRE FEASIBILITY		
Lomada de Leiva	SANTA CRUZ	Au	Patagonia Gold	FEASIBILITY		
Don Nicolás	SANTA CRUZ	Au, Ag	Minera IRL Ltd	FEASIBILITY		
Joaquín	SANTA CRUZ	Au, Ag	Coeur D'Helen Argentina S.R.L	PEA		
Las Calandrias	SANTA CRUZ	Au, Ag	Minera Mariana Resources	PEA		
Olaroz	JUJUY	Li, K	Oro Cobre / Sales de Jujuy	CONSTRUCTION		
Salar del Rincón	SALTA / JUJUY	Li	ADY Resources	PRODUCTION		
Sal de Vida	SALTA	Li; K	Galaxy Resources	PRE FEASIBILITY		
Salar de Cauchari	JUJUY	Li, K	Minera EXAR / Lithium Américas	CONSTRUCTION		
Salar de Diablillos	SALTA	Li, K	Minera RODINIA - Potasio y Litio S.A.	PRE FEASIBILITY		
José Maria	SAN JUAN	Cu, Mo	NGEx - DEPROMINSA	PEA		
Cap Oeste	SANTA CRUZ	Au, Ag	Patagonia Gold	PRE FEASIBILITY		

The commanding conditions today in Argentina, they her do a country with big opportunities of investment in the mining activity, from properties to explore (grass root or follow up state) up to the purchase and / or association in advanced projects.

# REPORTS ON MINING PROJECTS IN ARGENTINE FOR INVESTMENT AND / OR BUYING POTENTIALS

Prepared for: Julio Ríos Gómez, PhD, geologist. GEMERA President.

**For:** Different Mining Companies or buyers potentials.

At this moment there exists a good portfolio of opportunities of investment in mining industry in Argentina.

Several companies or companies offer his properties in the search of new partners or possible buyers.

Following companies offer this list of projects.

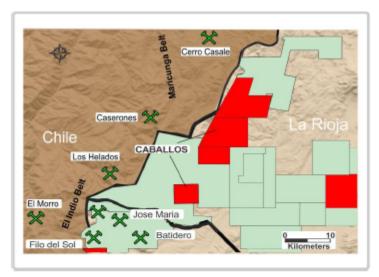
# **GOLDEN ARROW RESOURCES Corp. - Grosso Group member Company.**



#### **Company Overview**

- Pioneer en Argentina since 1993 when the mining industry was opened to foreign investment.
- Commitment to adopting modern exploration, enviromental and community engagement has earned the trust and respect of local stakeholder, provinding a clear competitive advantage to Golden Arrow's operation in Argentina.
- Experienced management team with 3 major discoveries in Argentina: Gualcamayo, Navidad and Chinchillas.

# I. Caballos Porphyry Copper Gold Project



#### Caballos Copper Gold Project

- 100% owned 252 km² (25,200 ha) property
- Located in a developing Porphyry district between the south end of the Maricunga Copper-Gold Belt and the northern extent of the El Indio Gold-Silver Belt.
- 4 12 m chip sample averaged 2.4% Cu
- Up to 2.73 ppm Au from a grab sample occurs in a matrix supported breccia with calcite veins and iron oxides.
- Talus fine sampling has defined a 1.4 km anomaly with 50 to 1667 ppm Cu and 20 to 150 ppb Au.

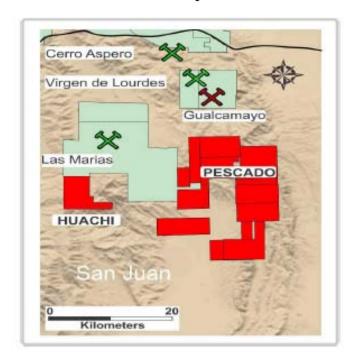
#### II. Potrerillos Gold - Silver Project



#### Potrerillos Gold-Silver Project

- 4 km<sup>2</sup> project, 100% owned, located 8 km east of Veladero gold-silver mine
- Access provided by all-season Veladero mine road which passes immediately south of the project
- Six target areas delineated and only two partly tested by the 3-hole, 508 m 2011 diamond drilling program; highlights included 1m @ 1.57 g/t Au and 145.9 g/t Ag (POT11-1) and 3 m @ 131.9 g/t Ag (POT11-3)

#### III. Pescado Gold Project



#### Pescado Gold Project

- 100 % owned 25 km² property
- Strategically-located immediately south and southwest of Yamana's Gualcamayo Gold Mine in a similar geological environment and structural setting
- Several significant gold targets have been identified
- Work completed to date include prospecting, geological mapping, silt, soil, and rock geochemistry and airborne geophysics

#### IV. Don Bosco Copper Gold Project

#### Don Bosco Project Highlights:

 Multi-Target copper gold silver project covering 19,557 hectares in La Rioja with drill targets identified and all drill permits acquired.

#### · Copper Gold Silver Scarn:

San Alberto Zone, 1.3km strike of scarn alteration. 11m averaging 0.53 g/t Au, 46 g/t Ag and 1.77 % copper (composite chip)

El Pircarda Zone, narrow high grade scarn structures, 2.4m grading 2.04 g/t Au, 114 ppm Ag and 10.0% copper (composite chip)

#### · Copper Silver Gold Sedex:

Llantenes Zone with disseminated and structurally controlled mineralisation hosted in sandstones and pellites.

25% Cu, 0.64 g/t Au, 82 g/t Ag (grab sample)

2m grading 3.3% Cu (chip sample)

#### Copper Gold Breccias:

La Ramada copper gold breccia.

#### Mineralization:

#### The best sampling to date reported:

San Alberto Zone (Scarn)

11m averaging 0.53 g/t Au, 46 g/t Ag 1.77 % Cu (composite chip from a massive amphibole and sulphide skarn band).

El Pircarda Zone (Scarn)

2.4m averaging 2.04 g/t Au, 114 ppm Ag 10.0% Cu (composite chip from a iron skarn band).

Llantenes Zone (Sedex)

25% Cu, 8.6 g/t Ag (1m chip sample) 2m grading 3.3% Cu (chip sample) 33m grading 0.49% Cu (composites chip samples)

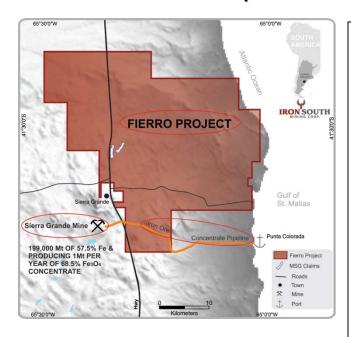
La Ramada Zone (Gold Copper Veins and Breccias) 4.69 g/t gold (4m chip sample)

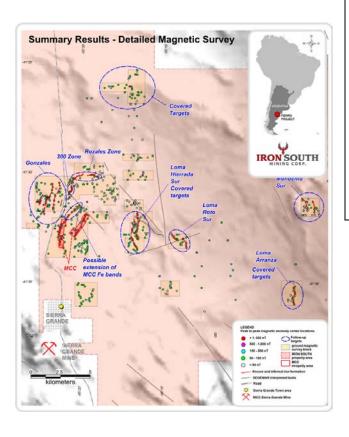
# Potential JV partners may contact:

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A standard CA is available on our website at LINK. Please download, infill your details and return signed.

# **IRON SOUTH MINING Corp. - Grosso Group member Company.**





- Grosso Group Management signed a formal agreement with the Government of the Province of Rio Negro in 2009, to jointly explore for mining and energy related mineral deposits.
- ➤ Iron South is a member of the Grosso Group, a management company specializing in the resource industry and active in Argentina since 1993. As a member Iron South strongly benefits from the Grosso Group alliance with the Rio Negro Government.

**Location.** Fierro is adjacent to the producing Minera Sierra Grande iron mine, owned by Metallurgical Corporation of China Ltd. (MCC).

Only 30 km from a deep sea port that was purposebuilt to ship iron concentrate directly to China.

Iron South's Fierro is a new high-grade iron project with drill program planned for 2013 and with excellent infrastructure

Option to earn a 100% interest in 10 claims, 1,000 km2

Metallurgical Corporation of China Ltd. (MCC) production facility is under utilized as it produces 3,500t/day yet has capacity for 14,500t/day.

- Year-round road access
- Access to water, power and labour
- Flat topography at an elevation of 300m

Property covers the same stratigraphy that hosts Sierra Grande Fe deposit;

- estimated 60 km strike of favourable stratigraphy on Fierro Property
- Numerous iron showings and magnetic anomalies
- New **300 Zone** discovery has estimated 6-10 m width and
- 300 m strike before disappearing below younger cover. Magnetic data
- ➤ Detailed ground. Magnetometer survey covering approx. 6,423 ha.
- > 300 Zone
- Outcrops returned :
  - **79.2% Fe2O3** over 7 m
  - 80.1% Fe2O3 over 5 m
- Gonzales Target:
- Potential for strike extensions under cover for up to 1.5 km.
- 6 New Targets Identified.

#### Potential JV partners may contact:

IRON SOUTH MINING CORP. TSX.V: IS; Frankfurt: OAY1 Suite 709, 837 West Hastings Street info@ironsouthmining.com www.ironsouthmining.com

# AMINSA. Argentina Minera S.A.

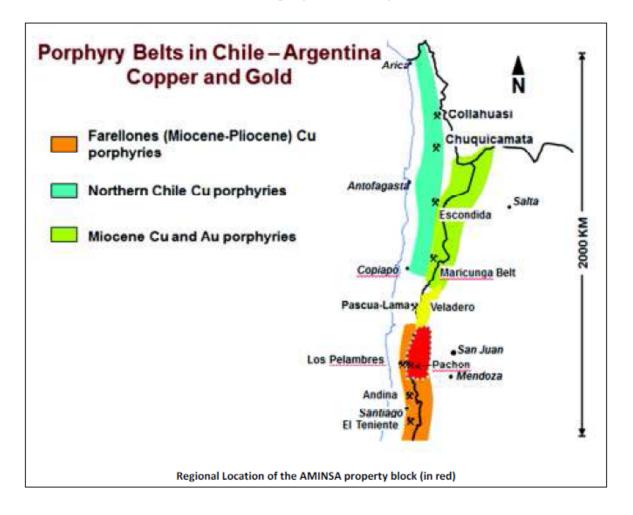
The company was created in Argentina in 2001 in order to acquire mining properties in a regional belt with little exploration in the Province of San Juan, Argentina. At the time, the founders of the company (J.P. Jones & R.D. Martinez) were involved in regional prospecting and exploration for international groups and decided to explore under a new scheme where most of the investment funds were to be promoted and achieved in Argentina.

An important player in the latest Argentine mining development since 1992 was the Lundin Group through Musto Exploration, then Argentina Gold, then Tenke (now NGEx). J.P. Jones & R.D. Martinez led the teams in Argentina on the way to several acquisitions and discoveries, which resulted in large deals such as Bajo Alumbrera, and Veladero, and more recently to initiate projects such as Josemaria, Vicuña and Los Helados.

From 2003 through 2007, near 300,000 hectares of high potential new claims were staked or negotiated with previous owners, assembling a land package that is second to none in the so-called "Pachon-Los Azules" porphyry belt of Southwestern San Juan province.

Prospecting advanced in several fronts as the AMINSA team started field operations in 2005. New claims were staked, and initial exploration programs started to develop new targets such as Rincones de Araya east, Rio Salinas, Calderon east, and others.

By middle 2008, an argentine investing group related mainly with real state and agriculture companies, came on board to finance AMINSA under an "earn in" agreement. Guanaco Capital Holding (then assembled into Austral Gold Mining from Australia) has been financing exploration activities of AMINSA since June 2008 to achieve 50% shareholding after the investment of U\$ 15 M in five years. Currently this group owns near 23% of the shares with 2 more years to complete the total sums. The investment time scale was slightly modified in year 3.

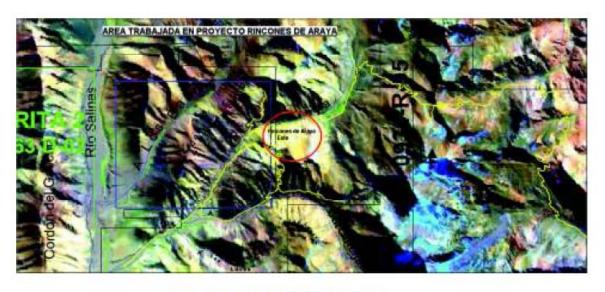


#### The current land package:

As stated before, the current land block comprises over 270,000 hectares, located in the SW portion of San Juan province in Argentina. This region was selected due to the high potential to host porphyry targets in a belt encompassing over 400 km from the border with Mendoza and Chile to the latitude of the Agua Negra Pass in the north. Mainly because of access and exploration strategies, the region was only explored initially in the late 90's, long after the discovery of Pachon (1964) and the development of Pelambres (1992) proved this region as a proven copper porphyry belt.



AMINSA property Map (near 300,000 hectares)

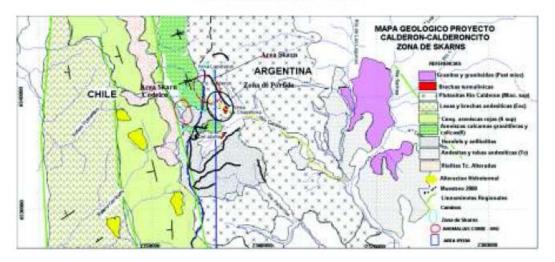


RINCONES DE ARAYA TARGET ZONE



A large caldera-like epithermal system. Over 5 sq. km. extent. Trenching has demonstrated silica veins and veinlets carrying anomalous gold (up to 1,6 g/t) over tens of meters. No drilling yet.

#### CALDERON/CALDERONCITO



A NW/SE trending set of targets along a skarn belt with proven large copper and gold anomalies in talus samples. Geophysical (IP and MAG) has proven a porphyry link to these anomalies in depth. The Chilean sector of the belt has already been under drilling by Codelco.



Several new anomalies have resulted from recent talus sampling along the trend in properties under contract by AMINSA or 100% owned claims. Drilling of a few initial holes is planned for 2012/2013 season.

AMINSA's strategy is to continue to explore in several fronts. At the main targets, to advance further definition with deeper and broader drilling, as well as intensifying the geological/geochemical cover at detailed scales. In the prospecting areas, to continue tactic sampling (talus and chip sampling), mapping, and defining types and intensity of alteration to guide further definitions and targeting using field data as well as composite satellite imagery.

The belt has proven porphyry deposits which have all advanced into predevelopment stages in the last few years. Pachón, an emblematic deposit in Argentina where Xstrata has recently announced both a large increase of the resources (from 800 Million tons in 2005 to 2,5 Billion tons @ 0,48% Cu in 2012) and the imminent start of construction for 2013/2014, with a capital cost of near 4,5 B U\$. Los Azules, owner by MacEwen Mining (after amalgamation of US Gold and Minera Andes) has increased its resources drastically after last season drilling, to over 1,2 B tons @ 0,55% Cu. Also, El Altar, a porphyry now owned by Stillwater Mining (after the buy out of Peregrine Metals Ltd) continues to expand its resources and is on trend to reach 1 B tons, with grades at around 0,5% Cu. All these new developments, which are located just few kms south or north of the AMINSA main blocks of claims, are a key evidence of the potential of the belt, as well as a clear indication that the region will evolve logistically to allow for high expectative for new discoveries.

## Potential JV partners may contact:

Jorge Patricio Jones
Ricardo Daniel Martinez

aminsa@aminsa.com.ar

#### MANSFIELD MINERA S.A. - GOLDROCK member group.

Goldrock Mines Corp. is a well-structured mining development and exploration company led by a team of experienced mine developers, explorers and deal-makers. Previous exploration activities have been focused in the Puna of northwestern Argentina, predominantly in the province of Salta, since August 1994.

Goldrock was one of the first companies to commence exploration in this area when Argentina changed the mining laws to attract foreign investment. With its early land position, Goldrock was well positioned for the exploration and development of several highly prospective targets.

In 1999, the Goldrock exploration team discovered the 100% owned Lindero gold property and after subsequent exploration and development, published a NI 43-101 Resource Estimate in June 2008 announcing 1.6 million ounces Measured and Indicated grading 0.72g/t Au and 0.27 million ounces Inferred at a cut-off grade of 0.45g/t.

In March 2010, the Company announced results of a pre-feasibility study conducted by AMEC Americas Limited demonstrating the robust economic nature of the Lindero gold deposit based upon a 1.9 million ounce gold reserve.

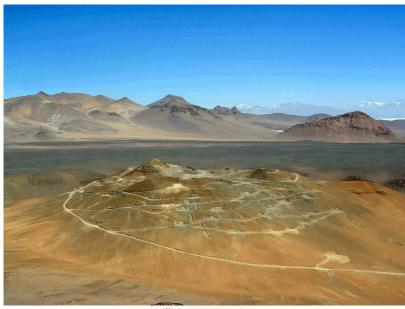
A full feasibility study on the Lindero deposit has been commissioned with completion anticipated in early 2013. This final feasibility study will be based on an open pit, heap leach gold mine operating at approximately 15,000 tpd using a higher cut-off grade of 0.4 grams/tonne Au, increasing average grades early in the production schedule and lowering initial capital requirements. Different production options are being assessed from a standard 10 year life of mine production plan to more selective mining approaches that would allow for initial processing of higher grade ore at reduced throughput, to reduce initial capital cost, followed by scaling up of the operation utilizing the early project cash flow.

The Company has recently completed a 13 hole (2,983 metre) diamond drilling program on its 100% owned Arizaro gold-copper porphyry discovery, which is located immediately adjacent (3 km southeast) to the Lindero deposit. The Arizaro porphyry system, as defined by drilling, surface sampling and mapped alteration, covers a 600 metre by 500 metre surface area. Gold-copper mineralization occurs from surface to a true vertical depth of 300 metres and remains open for expansion in all directions.

Goldrock initially tested the discovery with 16 diamond drill holes, all of which had significant mineralized intercepts with numerous thick sections greater than 100 metres with grades

greater than 0.30 g/t gold and 0.15% copper, and with one hole returning 48 metres of 1.38 g/t gold and 0.36% copper. The recent drilling program extended the high grade gold mineralization 65 metres to the north in addition to extending the high grade zone a further 50 metres to the south. The Company is planning to release a maiden NI 43-101 report on the Arizaro project in Q2/2013 and is assessing the potential of the deposit to provide higher grade gold resources that could significantly extend the Lindero mine life and/or increase Lindero's annual production profile.





Drill site construction

Highlights of the LINDERO Project economic estimates are summarized below.

#### Reserves and Resources(1)(2)(3)(4)(5)

	Cut Off Grade (g/t)	Tonnes (000's)	Average Grade (g/t)	Contained Gold (M oz)
Proven Reserve	0.19	27,929	0.76	0.69
Probable Reserve	0.19	73,169	0.52	1.24
Proven & Probable Reserve	0.19	101,098	0.59	1.92
Measured	0.20	28,400	0.76	0.70
Indicated	0.20	94,200	0.50	1.50
Measured & Indicated Resource	0.20	122,600	0.56	2.20
Inferred Resource	0.20	59,000	0.40	0.75
Measured	0.40	23,800	0.85	0.65
Indicated	0.40	48,100	0.68	1.06
Measured & Indicated Resource	0.40	71,900	0.74	1.71
Inferred Resource	0.40	19,400	0.59	0.37

- 1. CIM definitions were followed for estimation of Mineral Resources and Mineral Reserves.
- 2. Mineral Resources were constrained within an economic open pit shell, generated using a gold price of US\$890 per ounce of gold, a processing cost of \$3.07 per tonne, a mining cost of \$1.10, a sales cost of \$12 per ounce and a metallurgical recovery of 70%.
- 3. Mineral Reserves are estimated using a cut-off grade of 0.19 g/t Au, based on a gold price of US\$775 per ounce.
- 4. Mineral Resources are inclusive of Mineral Reserves.
- 5. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.

# Pre-tax Project Economics(1)(2)

Gold price (\$US/oz)		ent Value (US scount Rate (	IRR %	Payback (years)	
	4.0%	6.0%	8.0%		
\$850 <sup>(3)</sup>	\$237	\$194	\$157	25.9%	2.8
\$975	\$363	\$305	\$256	35.4%	2.2
\$1,100	\$490	\$416	\$355	44.1%	1.9

- 1. Project economics have been reported by AMEC on a pre-tax basis.
- 2. Project economics include a 3% provincial royalty.
- 3. Base case project scenario.

#### **Additional Details**

The Study projects a 9.5 year mine life with cumulative production of 1.357 million ounces of payable gold based on the National Instrument 43-101 compliant Reserve Estimate. Ore will be mined at an annual rate of 10.8 million tonnes, and due to favourable topography the life of mine strip ratio is 0.9:1 (waste to ore). The topography is also favourable for the location of the leach pads and waste dumps with minimal earthworks required.

The current life of mine metallurgical recovery is estimated at 70.31% weighted average for all domains in Reserves based on a two stage conventional crushing and grind circuit with a grind size of a -3/8 inch p80 = 7mm. Reagent consumption is expected to be modest (cyanide consumption of 0.436 Kg/tonne and lime of 2.75 Kg/tonne). Limestone will be sourced locally and lime produced in a calcining plant. Recent test work utilizing high pressure grinding roll (HPGR) crushers has demonstrated the potential for gold recoveries above the estimated life of mine average recoveries of 70.3% and at potentially lower operating costs.

## **Potential JV partners may contact:**

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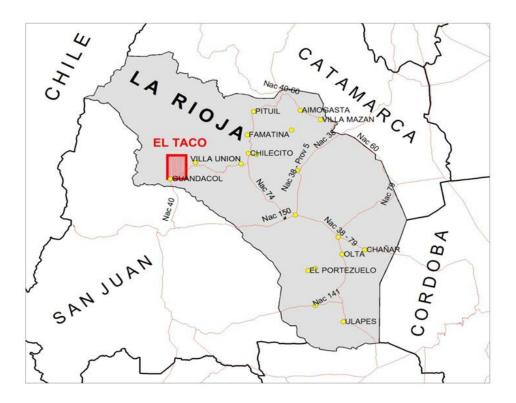
E-mail: mansfield@arnet.com.ar

#### ANDES RESOURCES MINERALS

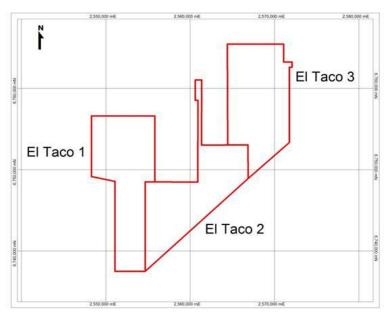
Andes Recursos Minerales (ARM) S.A is a mineral exploration company which holds 179,482 ha of mineral tenements in Argentina. These comprise 117,927 ha of gold-silver-copper projects in the world class frontal Andean cordillera of San Juan and 61,555 ha of crystalline flake graphite projects in San Juan and La Rioja.

## **Graphite Project**

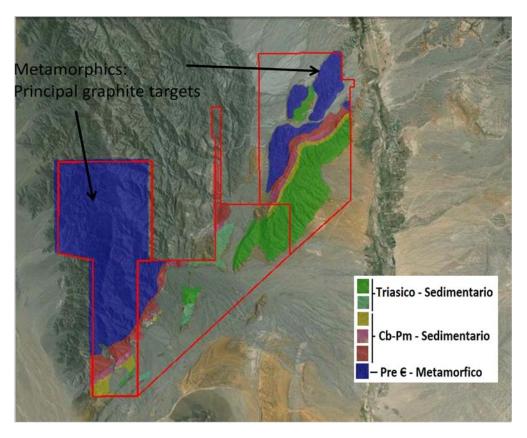
I. El Taco Project, La Rioja.

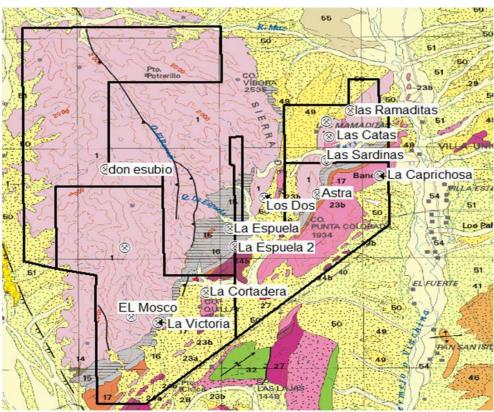


- Located in west La Rioja province.
- At 270 km from La Rioja capital. A 270 km from San Juan capital. 17 km from Villa Union
- 12 km from Guandacol La Rioja, locality.



El Taco Project covers 45,456 ha in La Rioja Province.





12 Graphite Occurrences Confirmed

- 20m wide zone of disseminated graphite
- Grab sample assayed 3.8% C
- Cristalized graphite No micas contained
- Host: calcite or quartzite

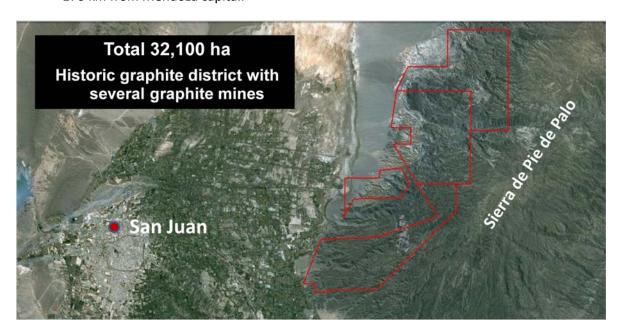
Different images of the outcrops with graphite minerals - LAS CATAS Prospect - EL TACO Project.



# II. Pie de Palo Graphite Project



- Located in southeast San Juan province
- 22 km from San Juan capital
- 170 km from Mendoza capital.



PreCambrian graphitic schist belt

- Actual mining activity along the belt for talc.
- 50 % of suitable litology covered by ARM 's tenements
- Remaining properties available to acquire.
- High grade (up to 20% in historic sampling).





# Potential JV partners may contact:

Jason Ward, Director and Principal Geologist Mendoza, Argentina.

# **Properties / prospectings offered by third parties**

#### **GEOTECNICA ARGENTINA S.R.L.**

This company constituted by the argentinian capitals. It specializes itself in exploration and exploration of mining projects and possesses a portfolio of properties of third parties to offer.

#### I. ESPOTA PROJECT

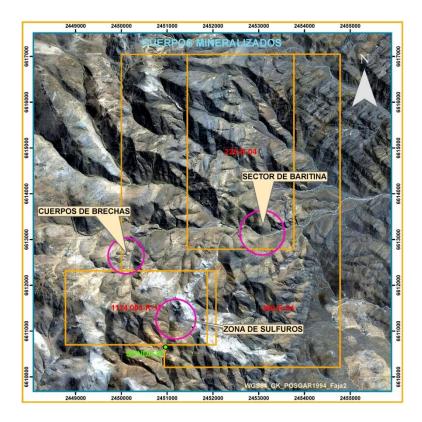
**Location.** Espota I, Espota II and Espota III, located in the environment of Frontal Mountain chain to approximately 250 km from the city of San Juan.

**TYPE DEPOSITS**: The area presents Au + Ag + Cu mineralization , in quartz - turmalínic breccias and venillas of sulphurs in sandstones of the Agua Negra Formation, Carbonic-Permian age, associated with effusive rocks of the top Miocene.

Without reserves or estimated resources. The exploration has been preliminary.



ESPOTA Project. Location map.



BODIES MINERALIZADOS, map elaborated from geochemical anomalies detected after the works of exploration

**PRECEDENTS.** Near to ESPOTA's area there appears the porphyry of CHITA name (Cu + Mo) and veins epitermales and breccias with gold + copper (Ag) mineralization. These prospects and other old known mines do of the zone, an area of very strong potential value in the search of gold - copper depotis.

# II. VIL ACHAY PROJECT (Sn - RRE)

**Location.** MINA VIL ACHAY located the NE of the locality Tinogasta, province Catamarca, in Fiambalá's Sierra.

**TYPE DEPOSITS**. The area presents mineralization of Sn - Cu - Ag, partner to a granitic body in venilleo of from mm to cm of thickness and spread. There appears in addition HRRE's mineralization (And, Hf, Rb), interesting.

There have been realized studies of resources and calculation of reserves from samplings on the older labors. 150.000 t with 1,5 % of Sn and 550.000 t with 0,5 % Sn.

The granitic rocks with Sn mineralization and associated to greisenización, show enrichment in rare heavy earth (HRRE), and it demonstrates the importance of the F - in the transport of this element.

Later works of investigation (UNCa) have demonstrated the enrichment in Vil Achay mine in elements components of the Group of the Rare Heavy Earths (HRRE) as And, Hf, Rb.



VIL ACHAY Project. Location map.

#### GEOCHEMICAL RESULTS OF ANALYSES for RRE - It mine the VIL ACHAY - CATAMARCA

SAMPLE	Ce	Eu	La	Lu	Nd	Sm	Tb	Υ	Yb	U	Th
number	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
25474	65	1	30	0,73	43	6	0,6	21,7	4,2	2,5	16
25558	94	1,6	44	0,56	42	7,3	-0,5	26	4	8,2	21
38579	61	1	32	0,37	30	4,8	0,6	18,6	2,8	5	12,9
38591	100	1,3	42	0,62	40	8,8	0,6	22,2	4,4	4,2	18,9
38657	89	1,7	42	0,62	33	8,2	-0,5	34	5	3,8	14
38661	106	1,3	52	0,76	43	7,8	1,2	28,1	3,6	2,8	14,2
38664	71	1,1	37	0,51	45	5,6	0,6	19,9	3	3,9	12
38684	69	1,4	39	0,51	5	6,3	1,1	22,4	3,2	2,2	12,7
38759	83	1,2	36	0,52	22	6,5	0,9	28,9	3,5	3,9	14,9
38773	74	1,2	38	0,52	31	5,7	1,1	22,5	2,5	0,9	14
38785	70	1	33	0,63	44	6,5	0,6	32,7	4,4	2,4	16
38847	68	1,2	32	0,34	21	5,3	0,5	16,6	2,5	1,4	13,1
39062	71	1,1	36	0,4	38	5,6	0,8	18,2	2,3	1,4	14,4
39085	62	0,9	31	0,19	17	5,1	0,9	83	2,2	4	11,9

# **Contact for Potencial JV.**

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