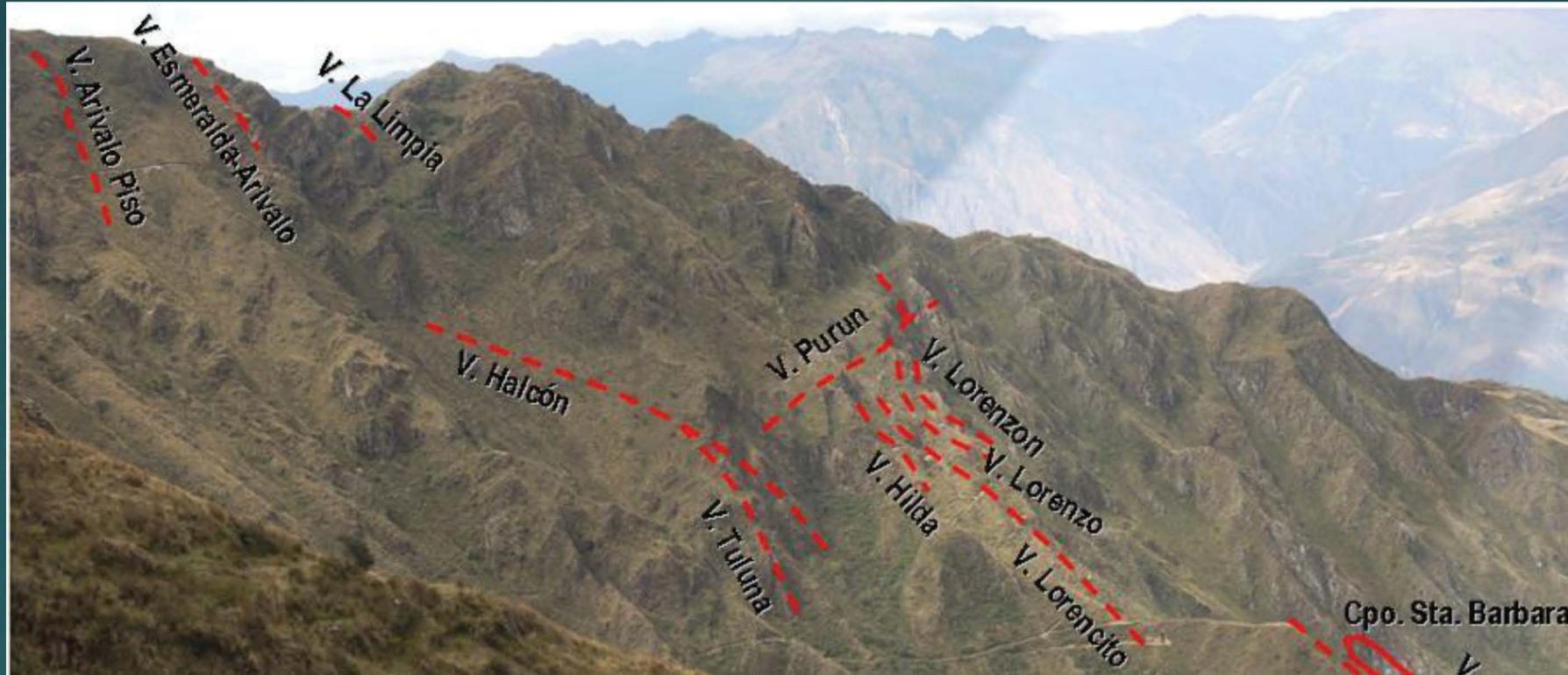


# ***EXPLOR MINING DISCOVERY***



## **TRINIDAD PROJECT**

***Geologica Evaluation  
Investment Project***

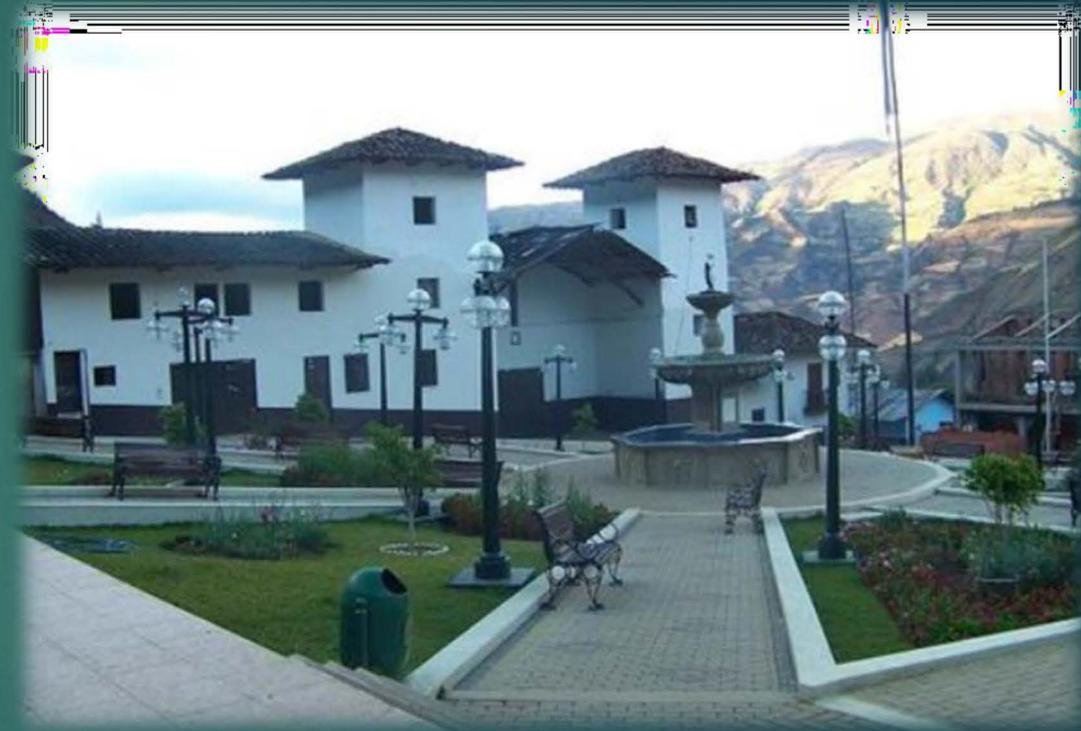
***Updated October 2020***

# Data Used for Presentation

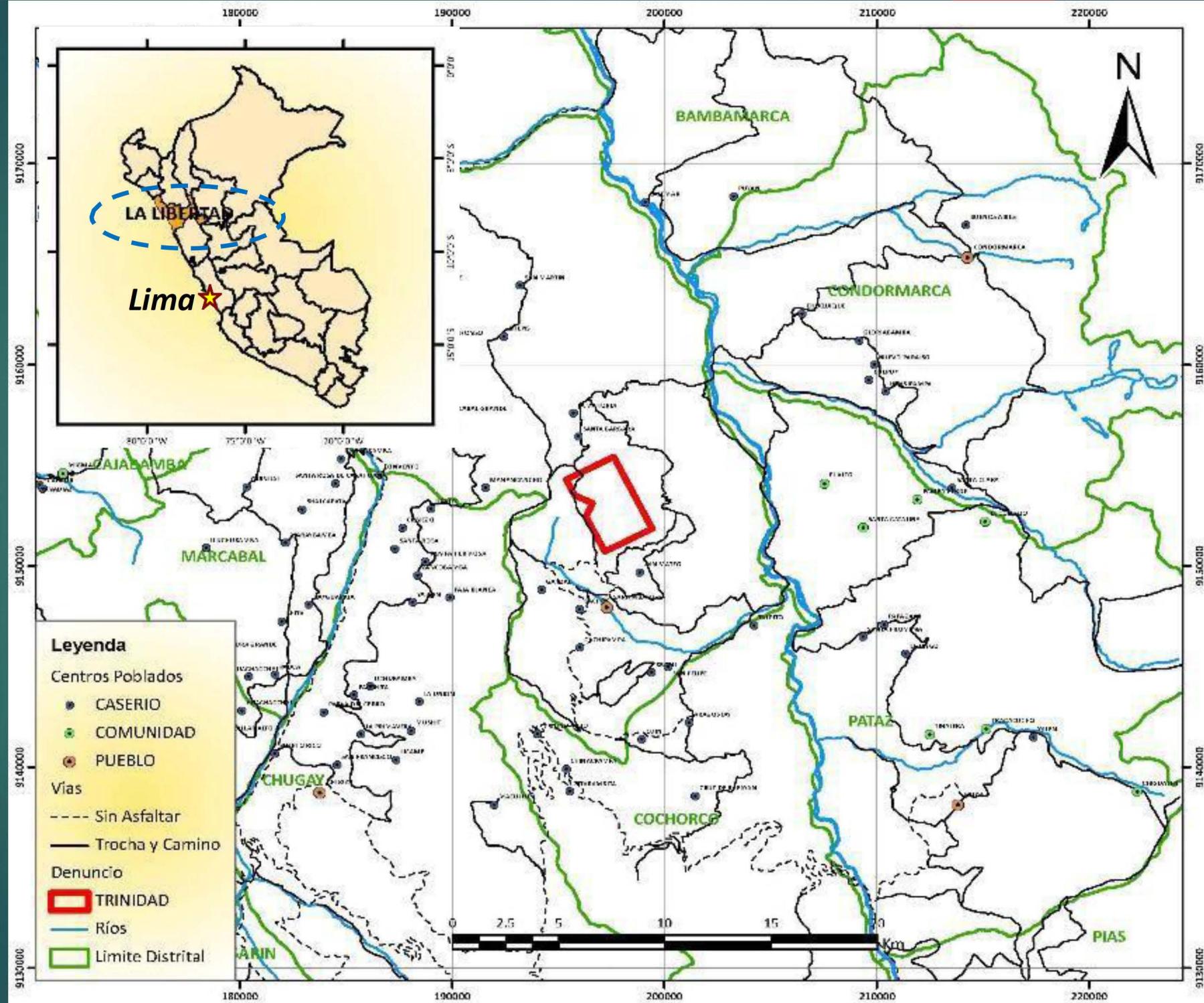
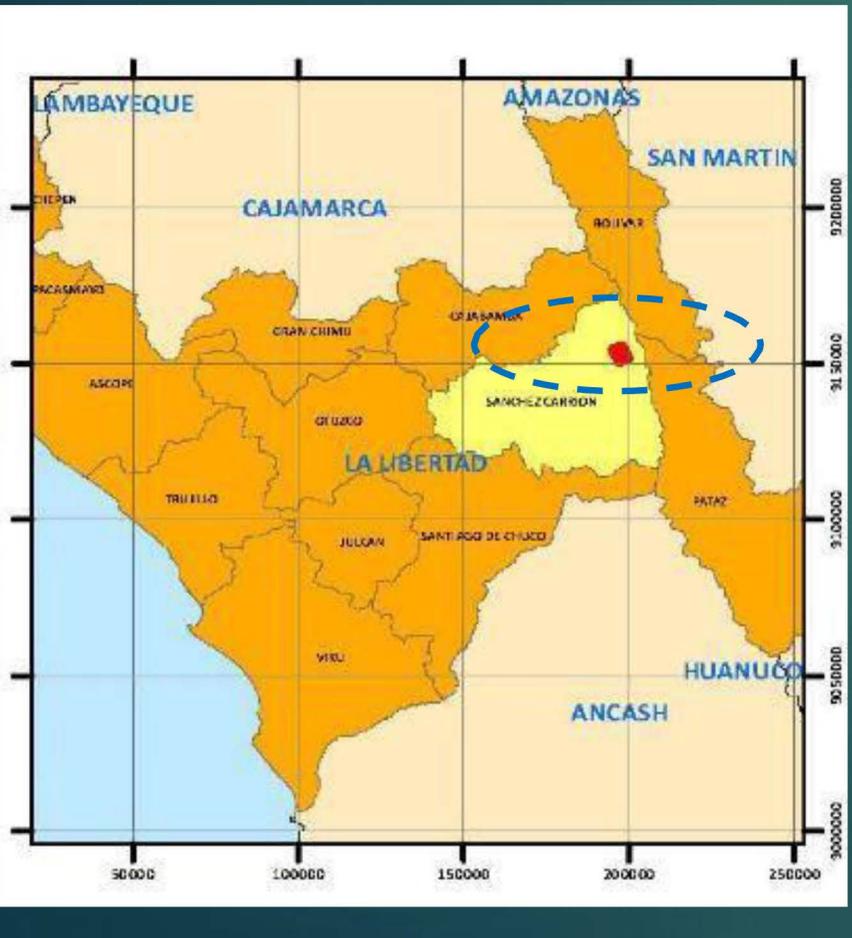
ITEMS	VENDOR (Y/ N)
Geological Report	Y
Historical Studies	Y
Field Mapping	Y
Historical Production Data	Y
Drilling Results	N
Geological Model	Y
Geochemistry	Y
Geophysics	N
Assay Certificates	Y
GIS Data	Y
Geochemistry	Y
Geophysics	N
Assay Results	Y
Site Visit	Y
Rock Samples Taken	Y
Mapping of the Potential Area	Y
Confirmation of Historical sampling	Y

# Project Location

- ✓ *Trinidad project is located in the Region of La Libertad, Sanchez Carrión province, Sartimbamba district, Monserrate Parish, Quebrada Quilcha at 5km between the communities of Conga and Santa Bárbara (Cota: 2,000 to 3,800 m.s.n.m.).*
- ✓ *Claim Trinidad is located south of the Poderosa Mine and is located within the Belts Pataz Batholith & Coastal Batholith, Mesothermal Gold Belts.*



# Project Location



# Project Location

TRAYECTO	TIPO VIA	DISTANCIA (Km)	TIEMPO (hora)
Lima - Trujillo	Asfaltada	565	8
Trujillo - Huamachuco	Asfaltada	186	4
Huamachuco - Marcabal	Afirmada	127	4
Minas Pampa - Proyecto	Carrozable	4	2
<b>Total</b>		<b>882</b>	<b>18</b>



Tramo	km	Tipo de Carretera
Lima - Trujillo	565	Asfaltada
Trujillo - Desvio Otuzco	62	Asfaltada
Desvio Otuzco - Huamachuco	124	Afirmada
Huamachuco - Sartimbamba	120	Afirmada
Sartimbamba - Minas pampa	6	Carrozable
Minaspampa - Prospecto Trinidad	4	Camino
<b>TOTAL</b>	<b>882</b>	



Carretera 320 Km.



PUEBLO SARTIMBAMBA



Concesión Trinidad

# Project Location

## LEYENDA

-  105.00 Km (03 horas) / Huamachuco - El Pallarón - Sartibamba
-  26.20 Km (01 horas) / Sartibamba - El Torno - Quilcha Grande
-  4.70 Km (Proyecto Construcción) / Monserrate

**PROYECTO  
MINA  
TRINIDAD**



**MINA  
PODEROSA**

**AEROPUERTO  
CHAGUAL**



 3 h 16 min  
105 km

Google

# Executive Summary

## GENERAL ASPECTS

**Project Name:**

**TRINIDAD**

**Location:**

La Libertad - Peru - South America

**Commodity:**

Gold – Silver

**Altitude:**

3500 mts above sea level

## TECHNICAL ASPECTS

**Type of deposit:**

Mesothermal Gold Belts

**Potential anomaly size:**

4.0 Km x 2.0 Km x 1.0 Km

**Project stage:**

Advanced exploration and production ready

**Concession size:**

1000 Ha.

**Proven reserves/ Inferred resources**

0.35 Moz Au /// 2.0 Moz Au

## OTHERS

**Communities:**

Communities in the area.

**Environmental:**

DIA, There are no areas of nature reserves

**Infrastructure:**

Good infrastructure conditions, access to site and ports on the Pacific coast

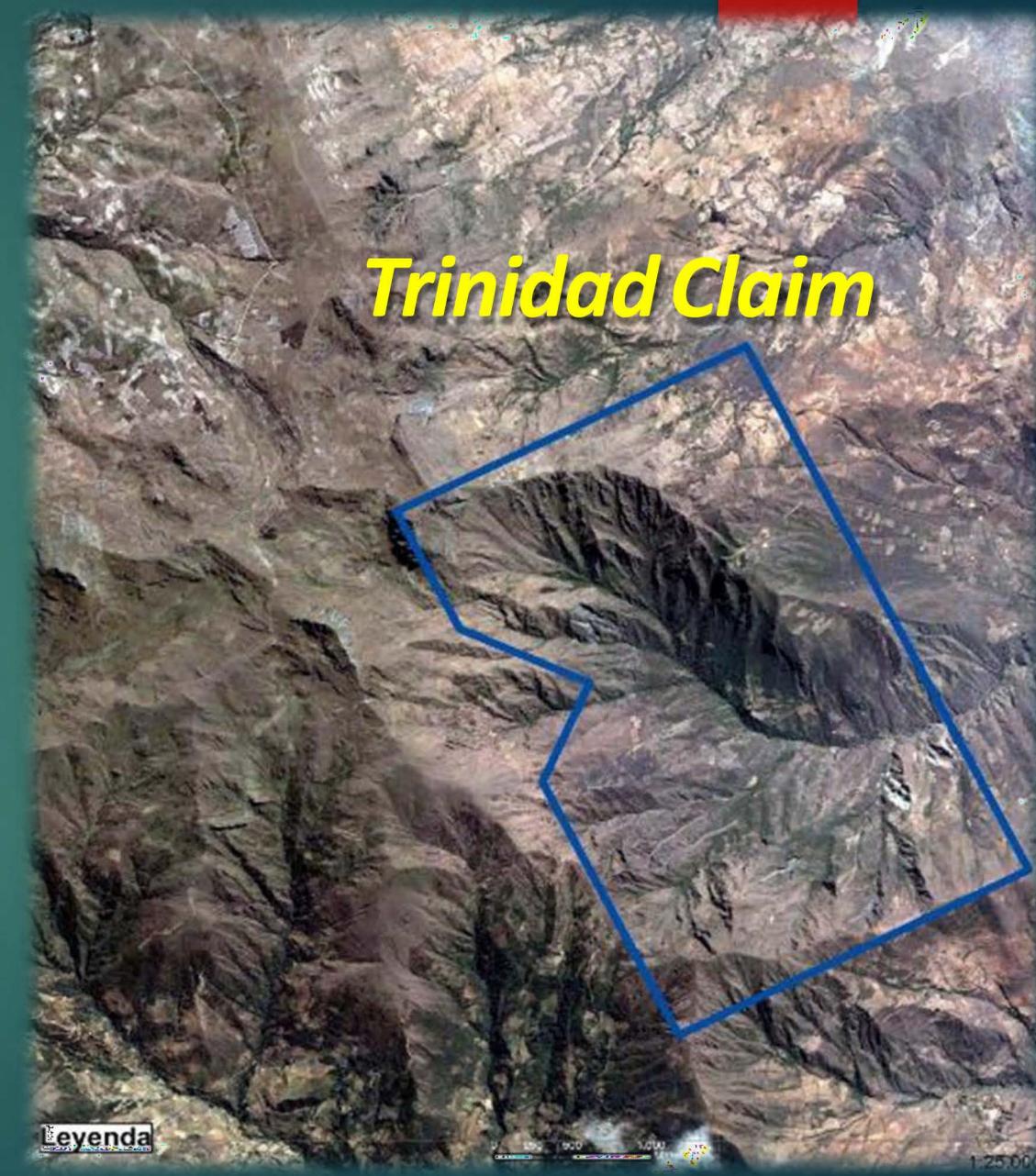
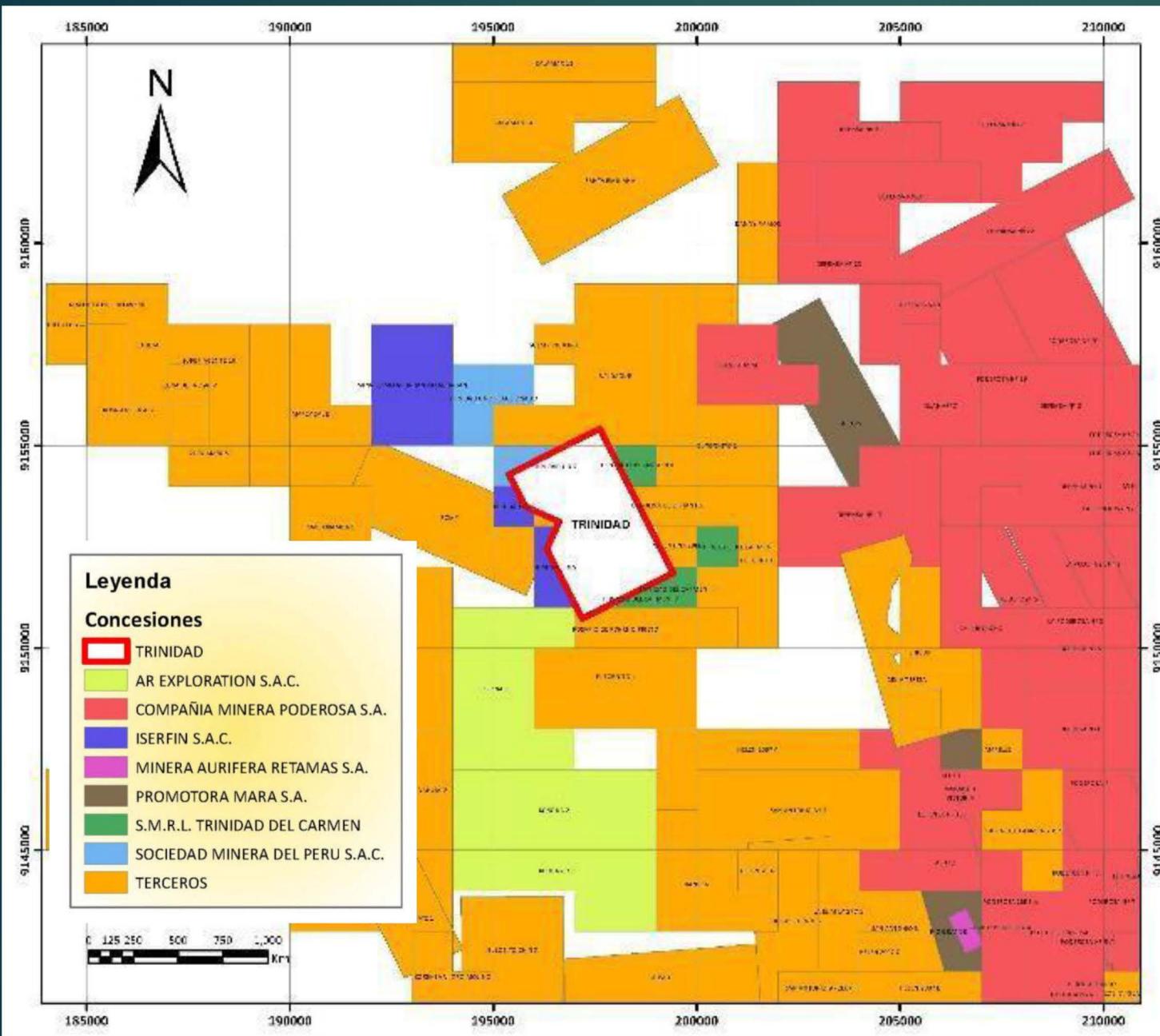
**Illegal Mining:**

No illegal mining

# Project Overview

- ✓ **LOCATION:** 413 km from the coast / 04 hour from Trujillo.
- ✓ **COMMUNITY:** No social problems.
- ✓ **HIGH GRADE:** High Au and Ag values.
- ✓ **ESTIMATED RESOURCES:** 2.0 Mill ounces of gold.
- ✓ **DEPOSIT TYPE:** *Mesothermal Veins Gold* .
- ✓ **INFRASTRUCTURE LOW INVESTMENT:** Access road to the production site.
- ✓ **STATE LANDOWNER:** Superficial rights in process.
- ✓ **WATER:** Good water resources in the area.
- ✓ **ELECTRICITY:** There is power to the production site ( 2 Km).
- ✓ **NO SOCIAL ISSUES:** The communities located close to the project are pro mining activities.

# Map of Concessions



# Timeline

NE



*Sector Monserrate Alto*

PROJECT TIMELINE	ACTIVITY
1991: Abraham Galarza Villar	Prospection Geochemistry
1997: Sociedad Minera Sartimbamba	Mapping Geochemistry
2001 - 2004: Igor Galarza de la Cruz	Mapping Geochemistry Production
2005: Sociedad Minera del Peru	Mapping Geochemistry

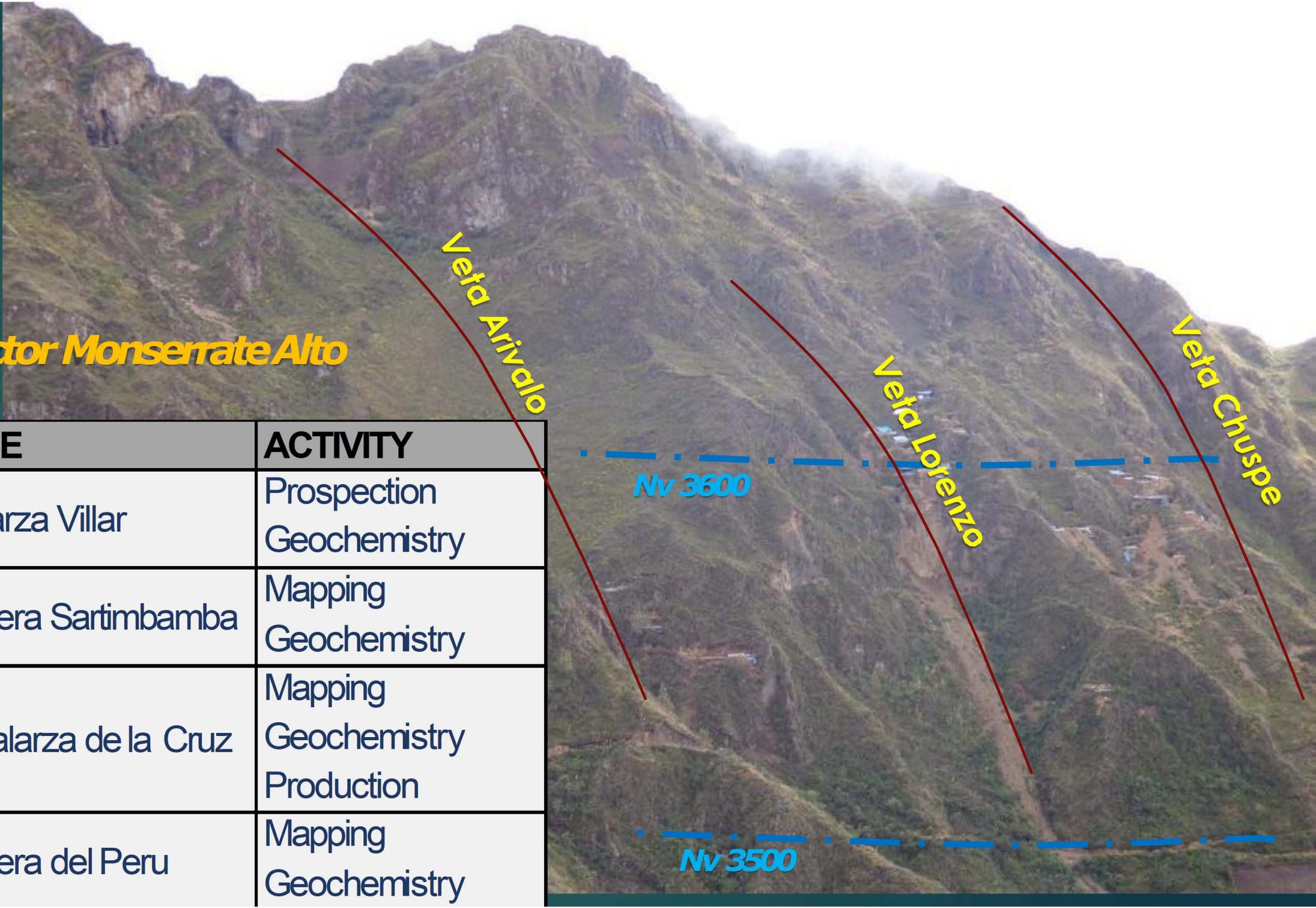
*Veta Arivalo*

*Veta Lorenzo*

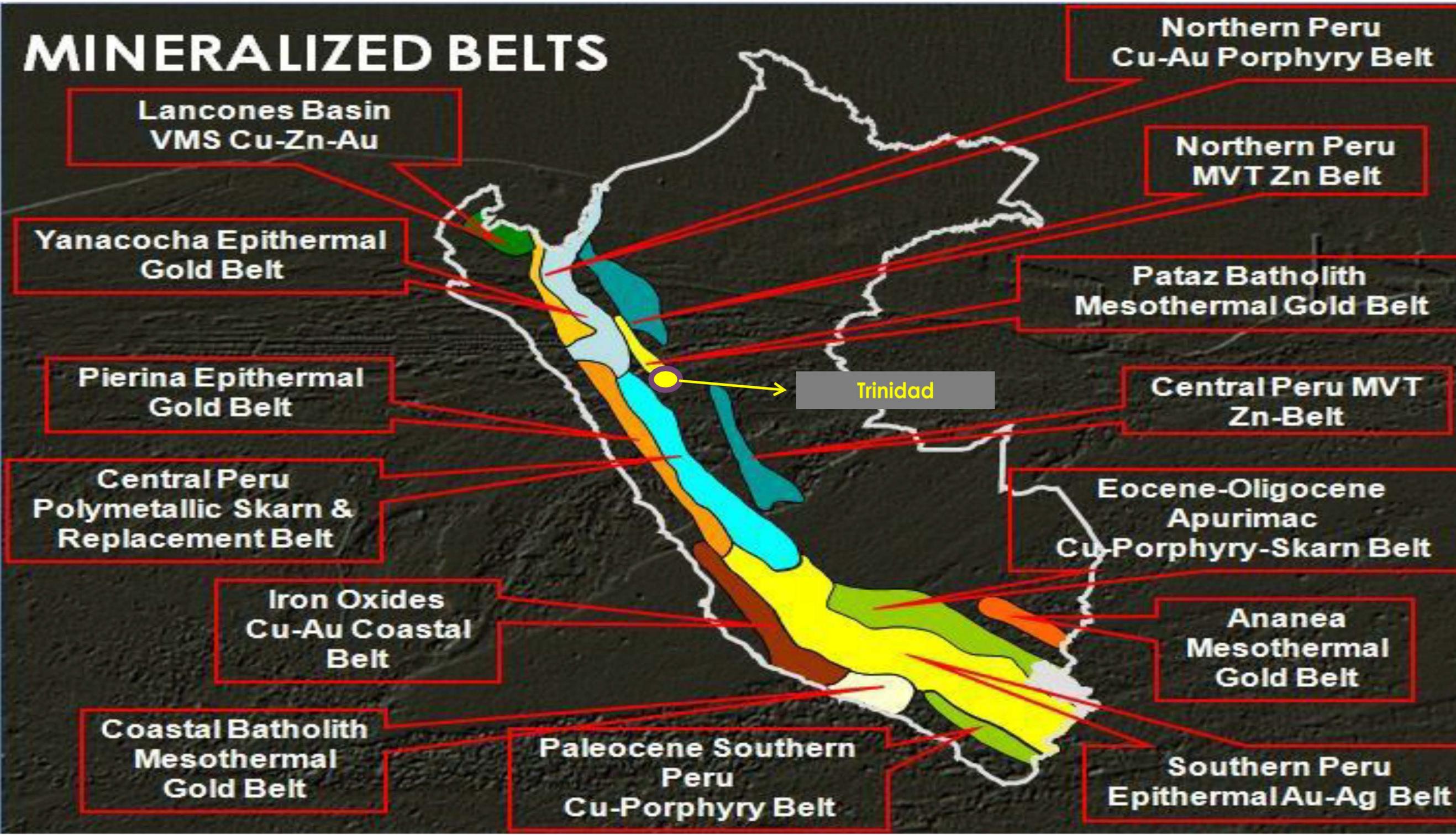
*Veta Chuspe*

*Nv 3600*

*Nv 3500*



# MINERALIZED BELTS



# Metallogenics

- *Mina Poderosa: 1100 Tn /dia @ 10.5 gr Au.*
- *Mina Horizonte: 1500 Tn /dia @ 10.27 gr Au.*
- *Mina Retamas: 1800 Tn /dia @ 8.29 gr Au.*



**Trinidad Project**

*Poderosa*

*Horizonte*

*Retamas:*

*Arirahua*

*San Juan de Chorunga*

*Ishihuinca*

**Pataz Batholith & Coastal Batholith,  
Mesothermal Gold Belts**

# Regional Geology

- *Franja Aurífera Pataz - Buldibuyo,*
- *Evolución estratigráfica y estructural de la cordillera oriental / Norte del Perú*

## ❖ PRECÁMBRICO:

- ✓ **Rocas metamórficas / Complejo Marañón.**

## ❖ PALEOZOICO:

- ✓ **Areniscas y pizarras / Formación Contaya.**
- ✓ **Conglomerados, areniscas y lutitas / Grupo Ambo.**
- ✓ **Calizas y lutitas / Grupo Copacabana.**
- ✓ **Areniscas y conglomerados rojos / Grupo Mitu**

## ❖ MESOZOICO:

- ✓ **Calizas / Grupo Pucara.**
- ✓ **Areniscas y lutitas / Formación Chicama.**
- ✓ **Cuarcitas, lutitas, calizas y areniscas Grupo Goyllarisquizga.**
- ✓ **Areniscas lutitas y calizas / Formaciones Inca, Chulec, Pariatambo y Pulluincana.**

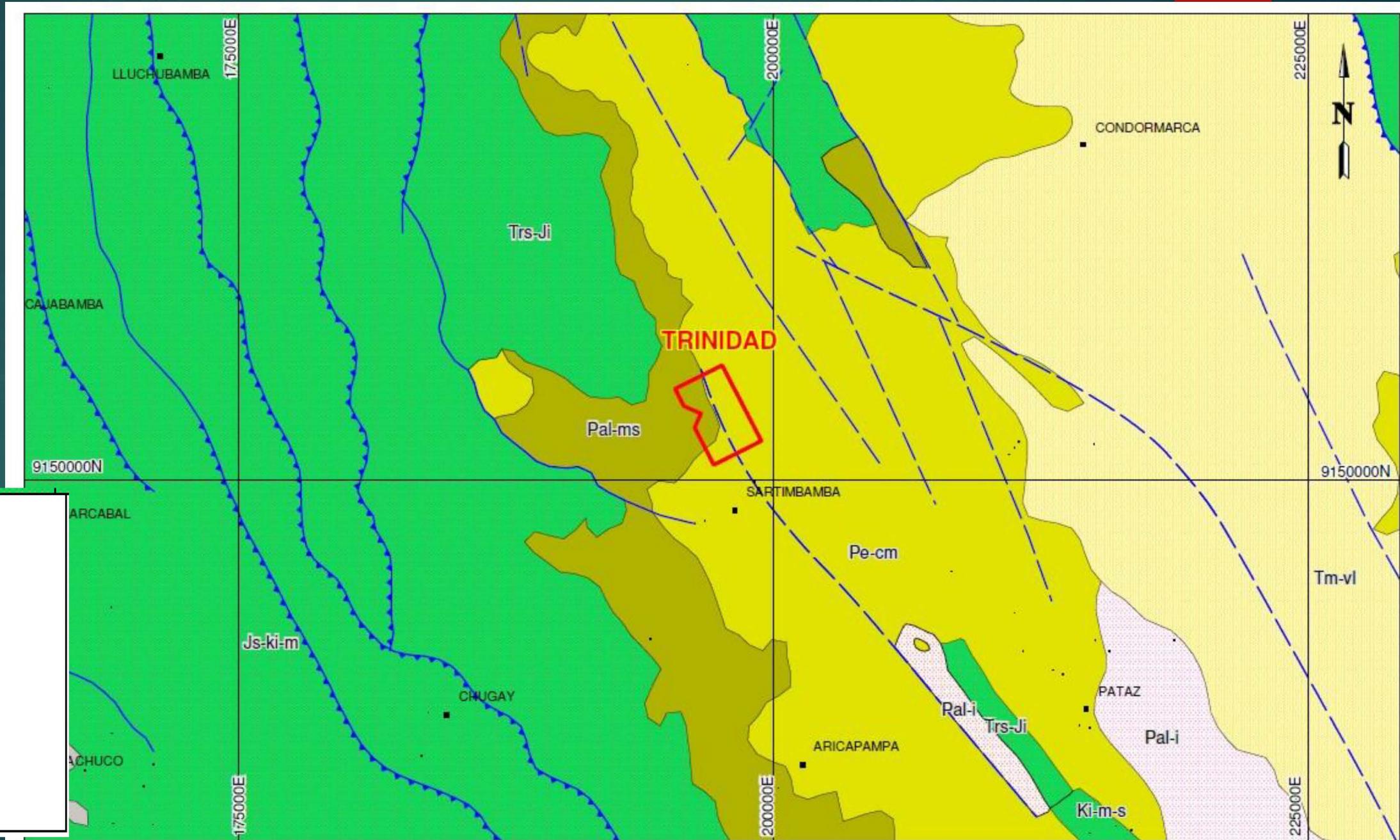
## ❖ CENOZOICO:

- ✓ **Volcánicos Andesíticos / Formación Lavasen.**

## ❖ ROCAS INTRUSIVAS:

- ✓ **Granodioritas y Monzogranitos del Batolito de Pataz (321±1 y 329±1.4Ma).**
- ✓ **Monzogranitos, Dioritas y Adamelitas (apófisis y diques).**

# Regional Geology



# Local Geology

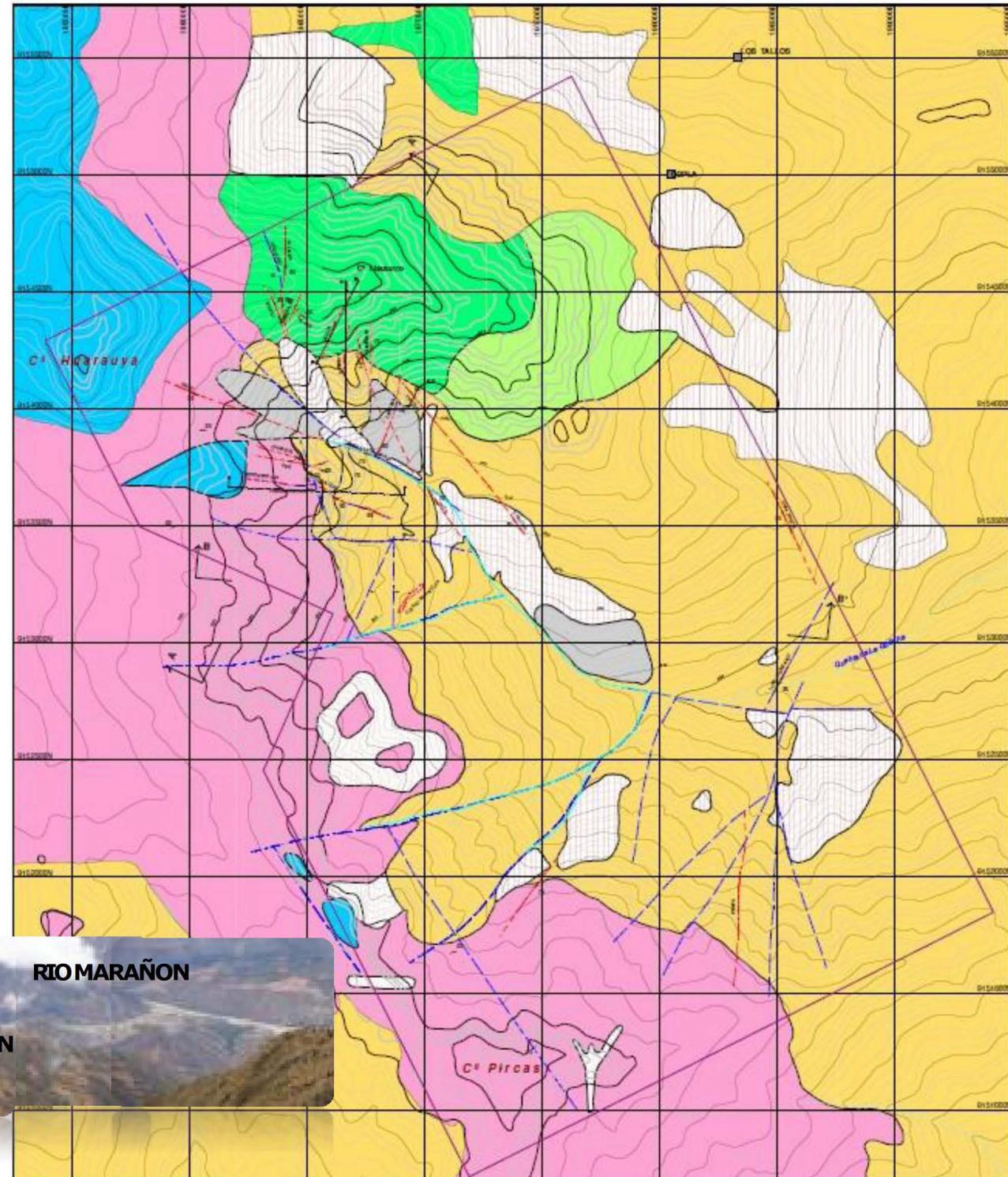
- ✓ Serie Metamórfica: Metavolcanicos / Complejo Marañón.
- ✓ Areniscas cuarzosas blanquecinas de grano fino - grueso / Gpo. Ambo.
- ✓ Arenisca con líticos origen volcánico y conglomerados/ Gpo. Mitu.
- ✓ Calizas grises / Gpo. Pucara (Miembro Chambara).
- ✓ Intrusivos Granodioríticos (diques y sills) / Afectado Gpo. Ambo.



# Local Geology

- Rocas metamórficas: sedimentarias silicoclasticas y calcáreas
  - Desde el Precámbrico al Mesozoico.

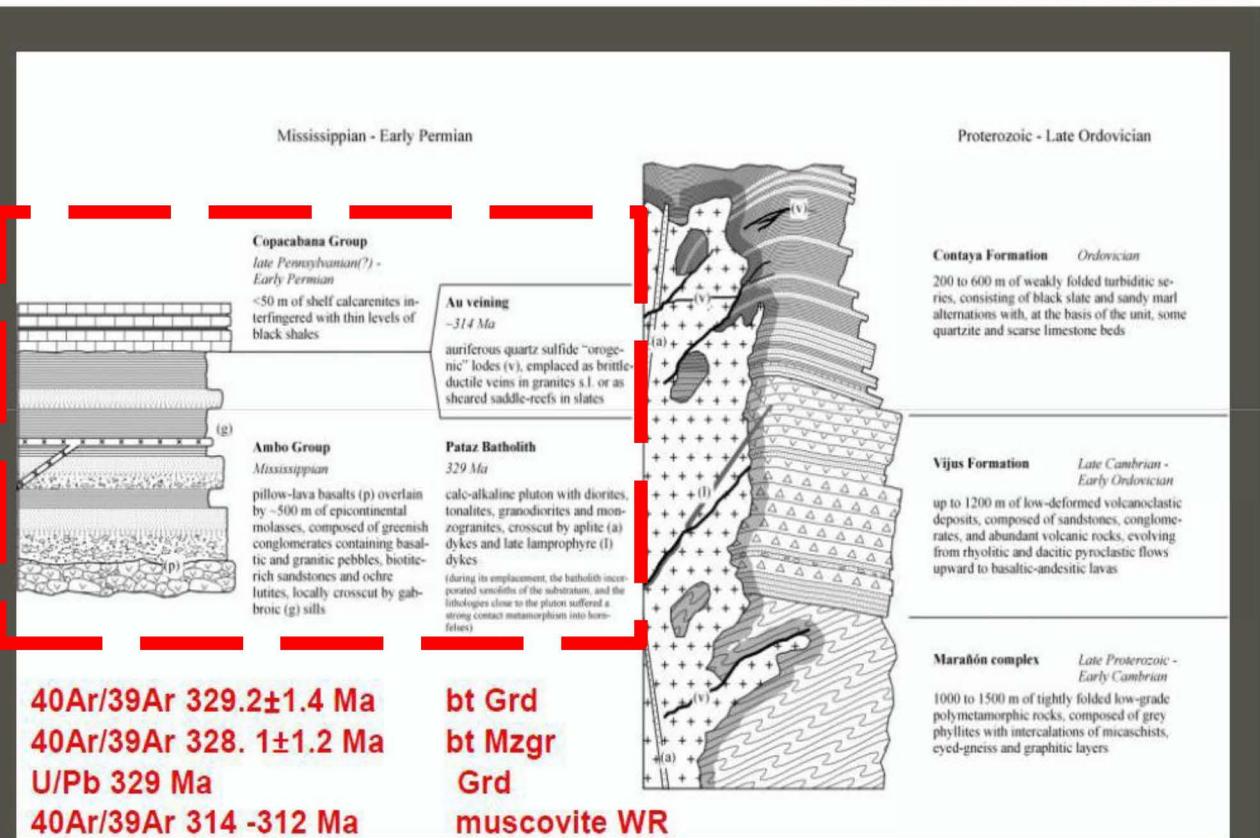
LITOLOGIA		
ERA	LITOESTRATIGRAFICA	ROCAS INTRUSIVAS
CENOZOICO	 Depósitos Coluviales	 Granito - Monzogranito
MESOZOICO	 Grupo Pucará	
PALEOZOICO	 Grupo Mitu	 Granito-Granodiorita
	 Grupo Copacabana	
	 Grupo Ambo	
PRECAMBRICO	 Complejo Marañón	



# Local Geology: Stratigraphy

PODEROSA

## 4. LITHOSTRATIGRAPHIC COLUMN AND GEOCHRONOLOGY



ERATEMA	SISTEMA	SERIE	UNIDADES ESTRATIGRAFICAS		ROCAS INTRUSIVAS	
			SECTOR OCCIDENTAL	SECTOR ORIENTAL		
CENOZOICO	CUATERNARIO		Depósitos aluviales	Q-al		
			Depósitos fluvio-glaciares	Q-fg		
	TERCIARIO	Superior	Fm. Condebamba	TsQ-co		
MESOZOICO	CRETÁCEO	Superior	DIS. ANG		Volcánico Lavasén	
		Inferior	Gpo. Quillquiñan	Ks-q	DIS. ANG	KTi-di Diorita
		Inferior	Gpo. Pullucana	Ks-p		Kti-gd Granodiorita
	JURÁSICO	Inferior	Gpo. Goyllarisquizga	Ki-ichp	Ki-r	Fm. Rosa
			Fms. Inca, Chulec, Pariatambo	Ki-f	Ki-cr	Fm. Crisnejas
			Fm. Farrat	Ki-saca	Ki-g	Gpo. Goyllarisquizga (Facies Oriental)
			Fm. Santa-Carhuaz	Ki-chim		
	TRIÁSICO	Superior	Fm. Chimú	Js-chic		
		Inferior	Fm. Chicama			
	PALEOZOICO	PERMIANO	Superior		TrJi-p	Gpo. Pucará
MISSISIPIANO				Ps-m	Gpo. Mitu	
ORDOVICICO		Medio		Pi-c	Gpo. Copacabana	
PRECAMBRIANO				Ci-a	Gpo. Ambo	
				O-c	Fm. Contaya	
				Pe-cma	DIS. ANG. Complejo del Marañón	

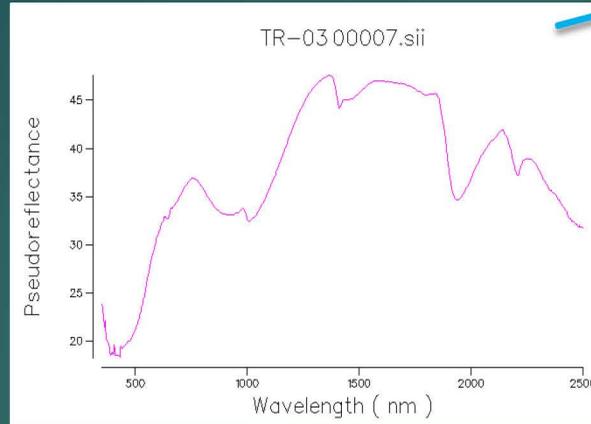
Trinidad Project

Trinidad Project

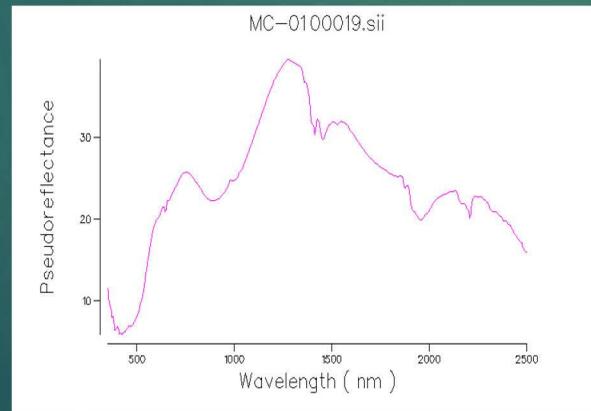


P-gr Granito rojo Paleozoico ?

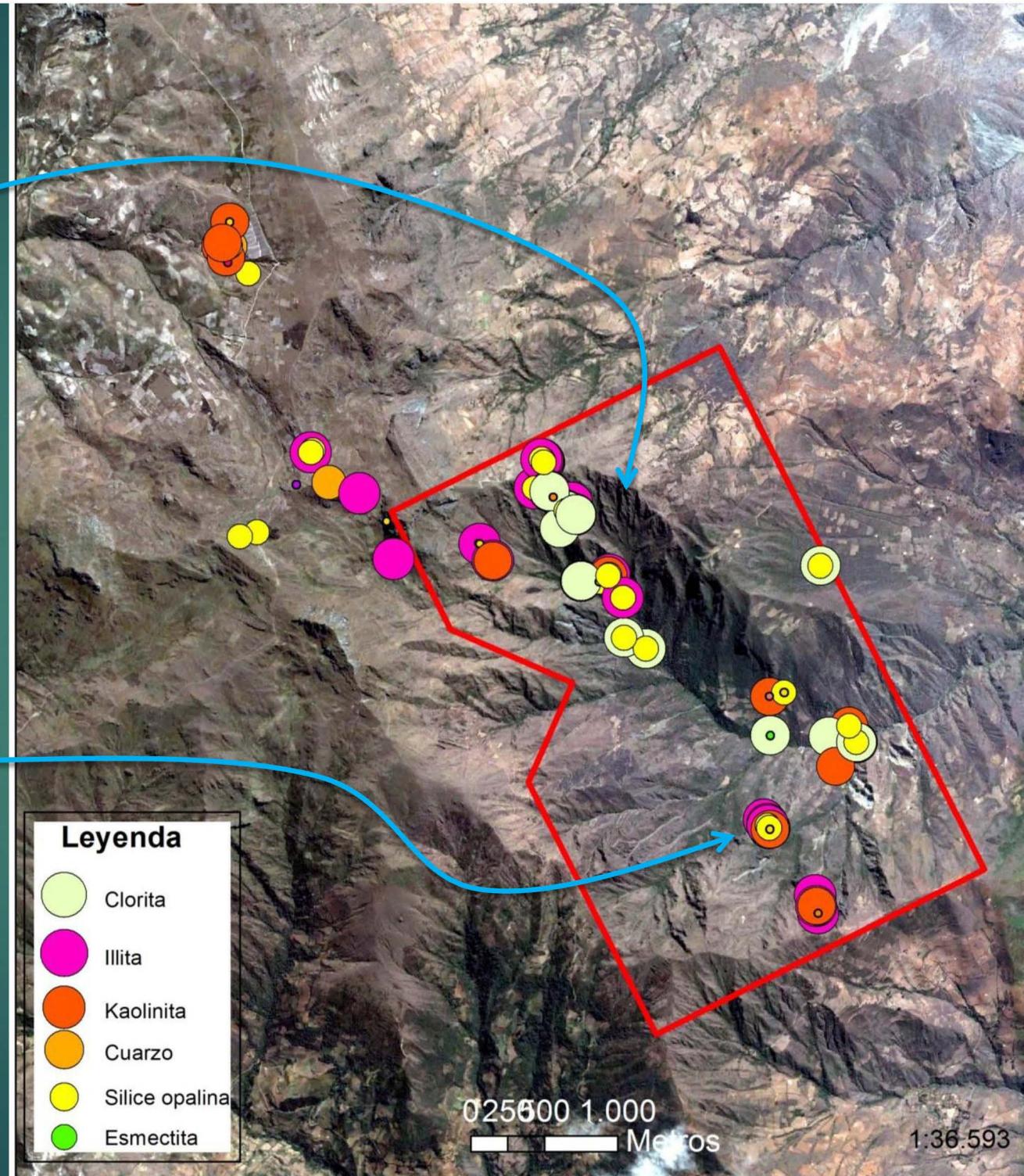
# Alteration



Nº MUESTRA	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Zn_ppm
TR-01	1021,00	63,10	> 10000	3313,40	5,00	97,00	1939,60
TR-02	2738,00	> 100.0	> 10000	> 10000.0	< 1	> 10000	2381,80
TR-03	7237,00	63,00	> 10000	2838,30	11,00	8269,00	3017,40



Nº MUESTRA	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Zn_ppm
MC-01	6345,00	33,60	> 10000	447,70	< 1	256,00	137,60



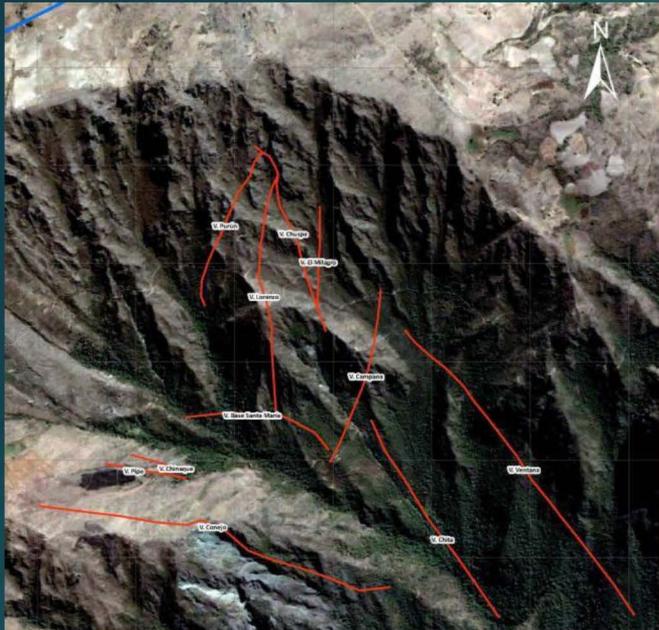
## Leyenda

- Clorita
- Illita
- Kaolinita
- Cuarzo
- Silice opalina
- Esmectita

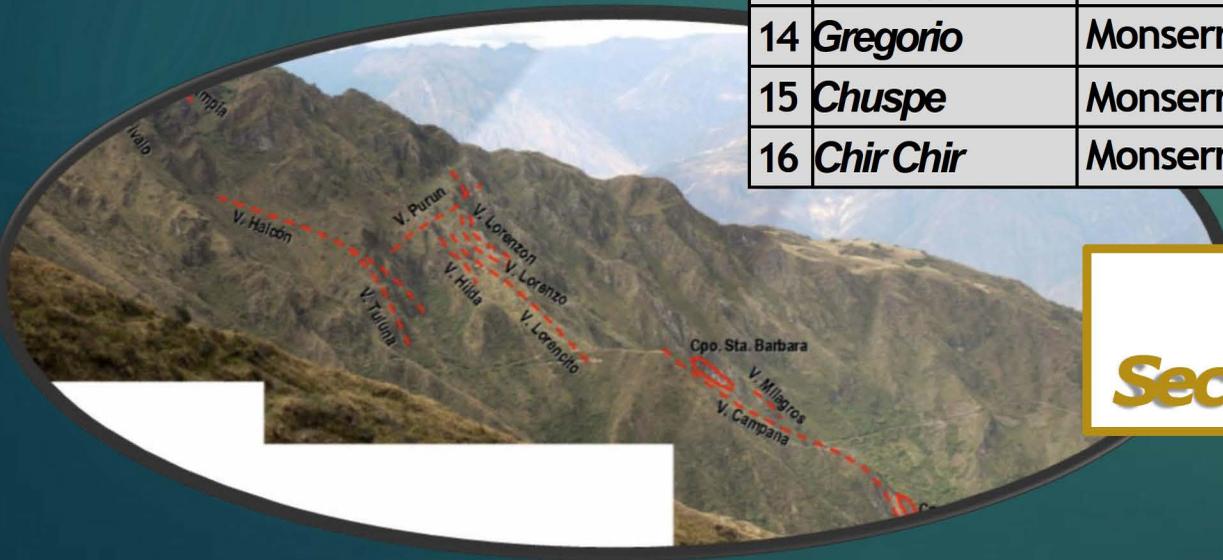
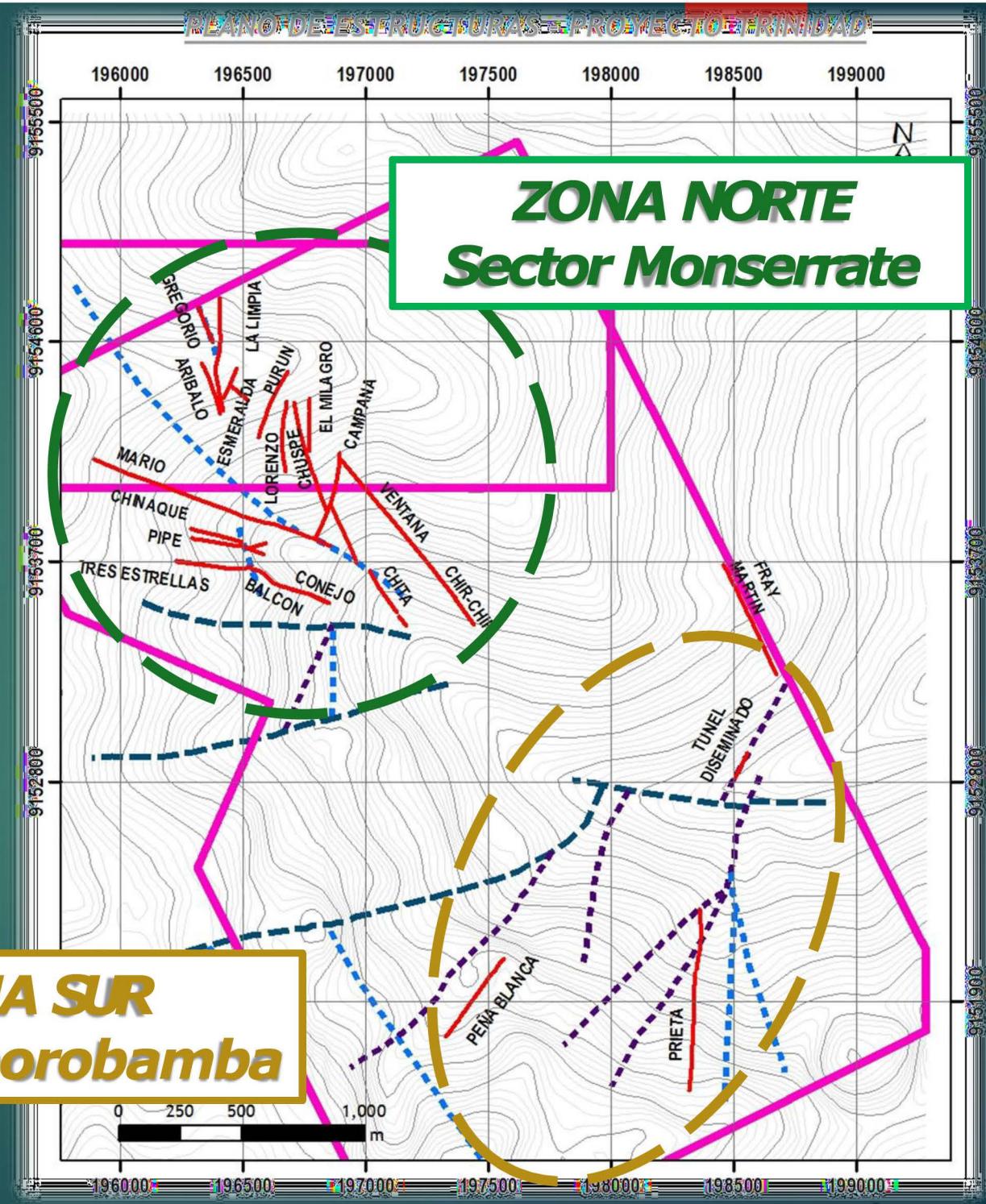
0,25 500 1.000  
Metros

1:36.593

# Mineralization

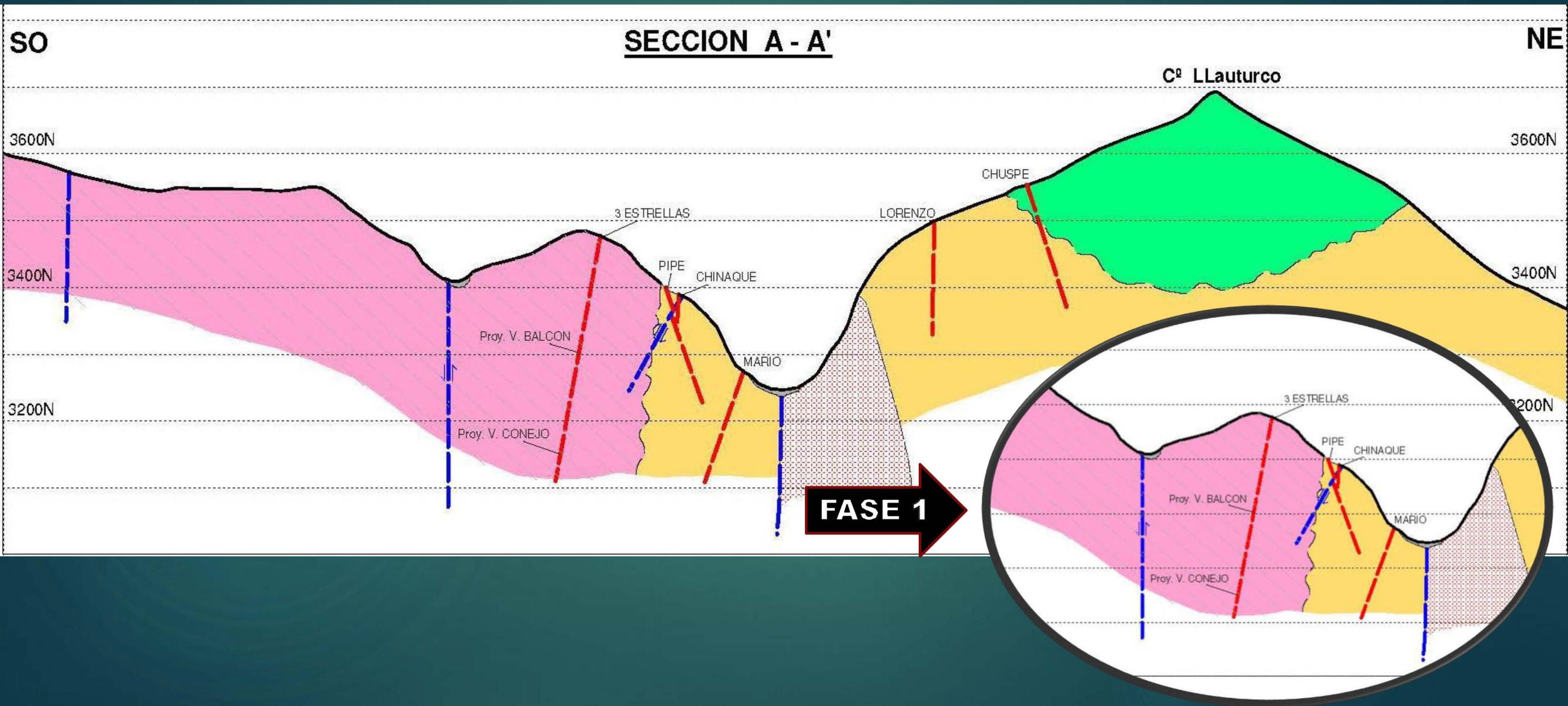


ID ESTRUCTURA	SECTOR
01 <i>Pipe</i>	Monserate Bajo
02 <i>Tres Estrellas</i>	Monserate Bajo
03 <i>Chinaque</i>	Monserate Bajo
04 <i>Purún</i>	Monserate Alto
05 <i>Maravilla</i>	Monserate Alto
06 <i>Lorenzo</i>	Monserate Alto
07 <i>Lorencito</i>	Monserate Alto
08 <i>Fátima</i>	Monserate Alto
09 <i>Conejo</i>	Monserate Alto
10 <i>La Limpia</i>	Monserate Bajo
11 <i>Arivalo</i>	Monserate Bajo
12 <i>Mario</i>	Monserate Bajo
13 <i>El Milagro</i>	Monserate Bajo
14 <i>Gregorio</i>	Monserate Bajo
15 <i>Chuspe</i>	Monserate Bajo
16 <i>Chir Chir</i>	Monserate Bajo



**ZONA SUR**  
**Sector Chorobamba**

# Mineralization: Section



# Geochemistry

Sample_Id	Ubicacion	Estructura/Zona	Au_g/t	Ag_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Zn_ppm
1006	Interior Mina	Lorenzo	12.29	10.50	443.00	44.00	2355.00	373.00
1016	Interior Mina	Lorenzo	25.68	39.10	2740.00	40.00	3318.00	2950.00
1017	Interior Mina	Lorenzo	20.28	24.40	1840.00	14.00	2731.00	2230.00
1029	Interior Mina	Lorencito	13.45	0.40	498.00	8.00	53.00	111.00
1034	Superficie	Purum	37.68	12.10	3220.00	45.00	87.00	102.00
1035	Superficie	Purum	26.41	10.90	1100.00	35.00	96.00	24.70
1037	Superficie	Purum	38.94	8.70	1700.00	29.00	301.00	62.00
1043	Superficie	Purum	10.71	2.50	1230.00	16.00	78.00	54.20
1053	Superficie	Lorenzon	19.83	9.30	1540.00	4.00	1504.00	180.00
1054	Superficie	Lorenzon	50.18	47.10	219.00	6.00	1741.00	222.00
1064	Superficie	Lorenzon	13.71	7.30	2230.00	6.00	411.00	896.00
1066	Interior Mina	Lorenzon	15.47	9.20	992.00	12.00	414.00	51.60
1068	Interior Mina	Lorenzon	21.75	5.10	489.00	23.00	195.00	41.00
1074	Superficie	Lorencito	10.60	8.10	314.00	53.00	133.00	19.70
1075	Superficie	Lorencito	32.69	12.60	904.00	163.00	111.00	21.00
1132	Superficie	La Limpia	23.35	100.00	303.00	15.00	10000.00	314.00
1133	Superficie	La Limpia	19.72	100.00	916.00	28.00	10000.00	567.00
1134	Superficie	La Limpia	10.64	64.10	2960.00	53.00	5531.00	1670.00
1151	Interior Mina	La Limpia	11.24	33.10	4120.00	58.00	7044.00	1950.00
1153	Interior Mina	La Limpia	11.54	48.50	2260.00	30.00	9722.00	1030.00
1165	Interior Mina	La Limpia	11.34	73.20	939.00	12.00	6390.00	1130.00
1186	Interior Mina	La Limpia	12.86	100.00	952.00	200.00	10000.00	251.00
1209	Interior Mina	Arivalo	10.76	36.90	267.00	33.00	2956.00	1080.00
1232	Interior Mina	Arivalo	11.29	56.80	868.00	75.00	4414.00	1630.00
1241	Interior Mina	Arivalo	11.29	20.00	89.70	1409.00	7011.00	136.00
1242	Interior Mina	Arivalo	10.61	40.10	372.00	145.00	9162.00	514.00
1246	Superficie	Arivalo Piso	11.87	29.00	3550.00	34.00	6700.00	3980.00
1250	Superficie	Arivalo Piso	10.01	100.00	633.00	32.00	10000.00	1090.00
1251	Superficie	Arivalo Piso	21.13	69.40	382.00	23.00	6262.00	1220.00
1253	Superficie	Esmeralda	28.21	100.00	352.00	1153.00	10000.00	137.00
1274	Interior Mina	Lorenzon	10.37	19.20	468.00	1.00	2661.00	924.00
1278	Superficie	Lorencito	59.94	2.10	468.00	30.00	68.00	55.90
1293	Superficie	Chinaque	11.09	59.50	1180.00	18.00	4893.00	1830.00

Sample_Id	Ubicacion	Estructura/Zona	Au_g/t	Ag_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Zn_ppm
1294	Superficie	Chinaque	11.59	23.9	3470	40	10000	1090
1305	Superficie	Balcon	10.35	6.4	223	48	989	344
1307	Superficie	Balcon	58.11	9.9	1960	53	2381	2070
1308	Superficie	Chinaque	22.74	90.3	8230	3	10000	7440
1309	Superficie	Pipe	19.99	100	809	5	10000	2180
1311	Interior Mina	Balcon	17.9	41.9	2030	43	6539	6850
1312	Interior Mina	Balcon	27.23	24.5	7360	54	2487	2630
1313	Interior Mina	Balcon	10.7	23	8980	45	3335	4150
1315	Interior Mina	Balcon	29.56	43.7	7930	33	4924	3860
1316	Interior Mina	Balcon	10.69	26.1	8780	20	1913	1770
1318	Interior Mina	Balcon	60.04	20.1	6840	48	1201	2210
1319	Interior Mina	Balcon	17.52	22.6	3610	163	2318	6950
1321	Interior Mina	Balcon	10.59	28.9	3490	97	5556	8190
1322	Interior Mina	Balcon	11.02	23.1	2470	54	3942	8230
1328	Interior Mina	3 Estrellas	14.93	30.7	1080	13	4106	8120
1329	Interior Mina	3 Estrellas	87.59	54.2	1580	13	3408	5010
1332	Interior Mina	3 Estrellas	10.26	14.2	765	9	3002	2220
1335	Interior Mina	3 Estrellas	12.45	14.1	5160	14	2616	1710
1337	Interior Mina	3 Estrellas	34.6	48.7	10000	18	3267	4170
1338	Interior Mina	3 Estrellas	52	81.1	4430	16	10000	3650
1341	Interior Mina	3 Estrellas	11.32	94.5	1190	51	10000	6060
1345	Interior Mina	3 Estrellas	15.89	52.1	3490	6	5808	2230
1347	Interior Mina	3 Estrellas	11.53	39.8	3050	8	10000	2470
1348	Interior Mina	3 Estrellas	42.29	100	1940	91	10000	568
1351	Interior Mina	3 Estrellas	16.01	36	5460	15	6961	3050
1354	Interior Mina	3 Estrellas	17.9	100	464	121	10000	2807
1356	Interior Mina	3 Estrellas	15	100	2360	87	10000	1710
1364	Superficie	Esmeralda 2	24.9	18.6	335	85	5625	586
1365	Superficie	Esmeralda 2	10.04	4.9	752	40	635	195
1376	Superficie	Lorenzo	13.27	2.4	265	9	380	115
1378	Superficie	Lorenzo	10.67	6.9	737	20	540	103
1430	Interior Mina	Conejo	33.48	0.1	32.7	7	62	35.8
1436	Superficie	3 Estrellas	21.28	100	8200	42	10000	5720
1476	Superficie	Hilda	22.69	5.5	535	5	174	76.7

# Geochemistry



Sample Id	Potencia	Estructura/Zona Au	g/t Ag	ppm As	ppm Bi	ppm Cu	ppm Mo	ppm Pb	ppm Sb	ppm Zn	ppm 1323
	0.10	3 Estrellas Nv 4	3.22	9.90	3158	16	312	5	8249	41	4310
1324	0.10	3 Estrellas Nv 4	2.30	6.00	1476	8	633	3	1466	23	3740
1325	0.10	3 Estrellas Nv 4	1.83	29.50	824	10	1010	7	4151	28	10000
1326	0.10	3 Estrellas Nv 4	0.25	0.40	1493	9	449	2	242	10	5630
1327	0.20	3 Estrellas Nv 4	1.78	2.90	216	8	379	2	437	2.5	297
1328	0.10	3 Estrellas Nv 4	14.93	30.70	1421	71	1080	13	4106	44	8120
1329	0.10	3 Estrellas Nv 4	87.59	54.20	1541	92	1580	13	3408	29	5010
1330	0.10	3 Estrellas Nv 4	5.05	37.30	1653	309	2780	12	10000	34	3150
1331	0.10	3 Estrellas Nv 4	4.93	23.20	2758	32	3330	15	7026	49	7870
1332	0.10	3 Estrellas Nv 4	10.26	14.20	2634	40	765	9	3002	46	2220
1333	0.15	3 Estrellas Nv 4	5.89	29.70	2049	192	4480	14	5741	38	4980
1334	0.10	3 Estrellas Nv 4	5.47	16.30	949	21	3480	9	3387	32	1520
1335	0.10	3 Estrellas Nv 4	12.45	14.10	1803	46	5160	14	2616	31	1710
1336	0.10	3 Estrellas Nv 4	7.81	4.40	945	35	4050	9	507	21	402
1337	0.10	3 Estrellas Nv 4	34.60	48.70	1565	67	10000	18	3267	54	4170
1338	0.10	3 Estrellas Nv 4	52.00	81.10	2119	372	4430	16	10000	55	3650
1339	0.15	3 Estrellas Nv 3	2.63	81.00	4560	169	4600	42	10000	29	2260
1341	0.10	3 Estrellas Nv 3	11.32	94.50	4476	55	1190	51	10000	78	6060
1342	0.10	3 Estrellas Nv 3	6.07	39.90	2626	12	411	47	10000	126	2260
1345	0.10	3 Estrellas Nv 2	15.89	52.10	10000	271	3490	6	5808	38	2230
1346	0.10	3 Estrellas Nv 2	4.68	19.80	10000	41	1750	4	3039	23	1920
1347	0.10	3 Estrellas Nv 2	11.53	39.80	10000	79	3050	8	10000	55	2470
1348	0.10	3 Estrellas Nv 2	42.29	100.00	10000	419	1940	91	10000	151	568
1349	0.10	3 Estrellas Nv 2	7.56	76.70	10000	151	2550	14	10000	83	4500
1350	0.10	3 Estrellas Nv 2	0.33	10.00	2676	8	349	13	3419	9	868
1351	0.10	3 Estrellas Nv 1	16.01	36.00	10000	118	5460	15	6961	82	3050
1352	0.10	3 Estrellas Nv 1	9.68	100.00	10000	111	7440	73	10000	253	6540
1353	0.10	3 Estrellas Nv 1	8.82	55.30	10000	96	3750	23	10000	50	4340
1354	0.10	3 Estrellas Nv 1	17.90	100.00	9346	168	464	121	10000	190	2807
1355	0.10	3 Estrellas Nv 1	3.41	32.90	7123	33	1310	39	10000	65	3590
1356	0.10	3 Estrellas Nv 1	15.00	100.00	10000	227	2360	87	10000	415	1710
1357	0.10	3 Estrellas Nv 1	3.26	42.00	10000	28	421	44	10000	54	2500
1358	0.10	3 Estrellas Nv 1	9.26	100.00	10000	119	2350	14	10000	90	3870
1359	0.10	3 Estrellas Nv 1	8.76	67.70	10000	66	5790	14	10000	84	4240
1361	0.10	3 Estrellas Nv 1	8.07	57.30	9591	56	3160	7	10000	52	6430

# Geochemistry: Pipe



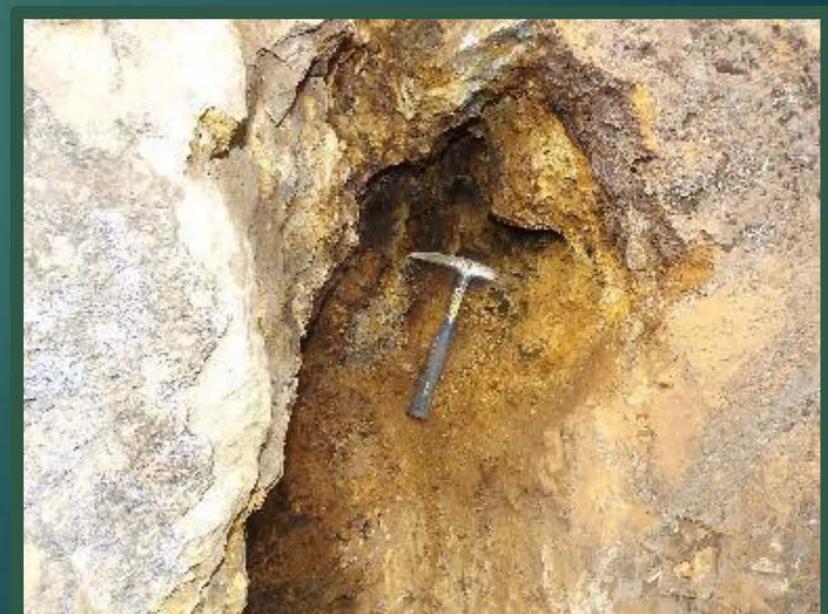
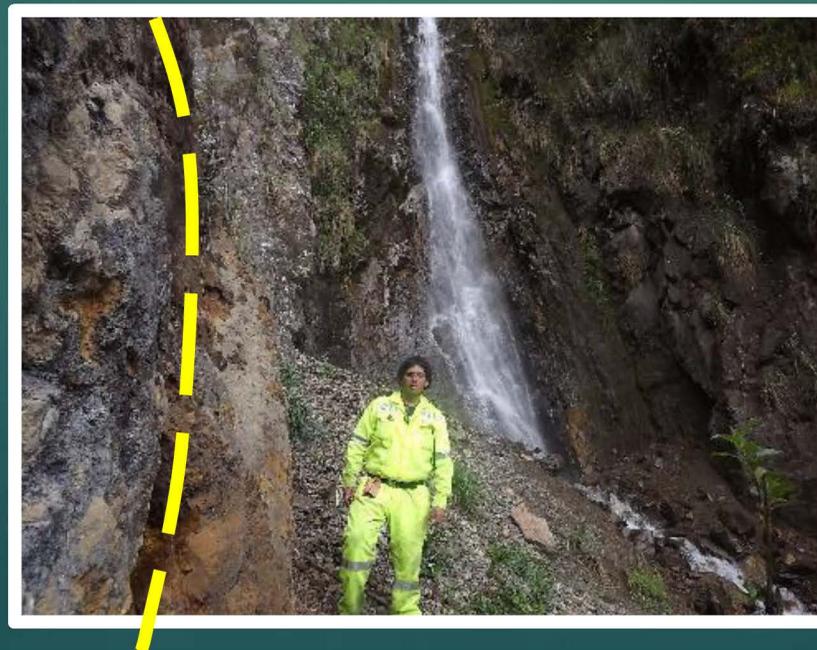
Nº MUESTRA	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Zn_ppm
TR-01	1021,00	63,10	> 10000	3313,40	5,00	97,00	1939,60
TR-02	2738,00	> 100.0	> 10000	> 10000.0	< 1	> 10000	2381,80
TR-03	7237,00	63,00	> 10000	2838,30	11,00	8269,00	3017,40
TR-04	2295,00	26,90	> 10000	765,90	20,00	6213,00	185,20
TR-05	9374,00	51,50	> 10000	1291,20	67,00	> 10000	181,70
TR-06	> 10000	59,60	> 10000	2752,80	33,00	3782,00	313,30
TR-07	1366,00	16,90	6881,00	727,60	7,00	2335,00	3433,50
TR-08	639,00	1,10	1781,00	229,50	6,00	251,00	410,20
TR-09	6334,00	1,10	93,00	707,30	3,00	89,00	453,70
TR-10	> 10000	3,90	> 10000	654,90	163,00	254,00	38,60
TR-11	9244,00	1,40	> 10000	990,10	145,00	56,00	57,30
TR-12	2101,00	2,30	> 10000	1301,40	40,00	39,00	31,10

En esta zona la presencia de vetas angostas oxidadas con piritita, cuarzo y trazas de calcopiritita, la caja es andesítica? esta zona existen diversas labores de informales de las cuales se observaron algunas labores que tienen estructuras NS, NW Y NE. Se extrajeron 12 muestras:

# Geochemistry **BALCON**

Sample_Id	SECTOR	Potencia	Estructura/Zona	Au_g/t	Ag_ppm	As_ppm	Bi_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Sb_ppm	Zn_ppm
1310	Sur	0.20	Balcon Nv 5	7.731	37.3	2001	126	7290	56	3491	132	4300
1311	Sur	0.20	Balcon Nv 5	17.9	41.9	2864	104	2030	43	6539	224	6850
1312	Sur	0.20	Balcon Nv 5	27.23	24.5	2887	135	7360	54	2487	210	2630
1313	Sur	0.20	Balcon Nv 5	10.7	23	5630	281	8980	45	3335	344	4150
1315	Sur	0.10	Balcon Nv 5	29.56	43.7	2018	133	7930	33	4924	88	3860
1316	Sur	0.15	Balcon Nv 5	10.69	26.1	1698	111	8780	20	1913	40	1770
1317	Sur	0.15	Balcon Nv 5	8.856	12.8	2423	151	10000	29	1044	93	1530
1318	Sur	0.10	Balcon Nv 5	60.04	20.1	1576	176	6840	48	1201	58	2210
1319	Sur	0.10	Balcon Nv 5	17.52	22.6	2313	172	3610	163	2318	203	6950
1321	Sur	0.15	Balcon Nv 5	10.59	28.9	9856	47	3490	97	5556	1030	8190
1322	Sur	0.15	Balcon Nv 5	11.02	23.1	5202	44	2470	54	3942	433	8230

**Estructura  
a  
Balcón**

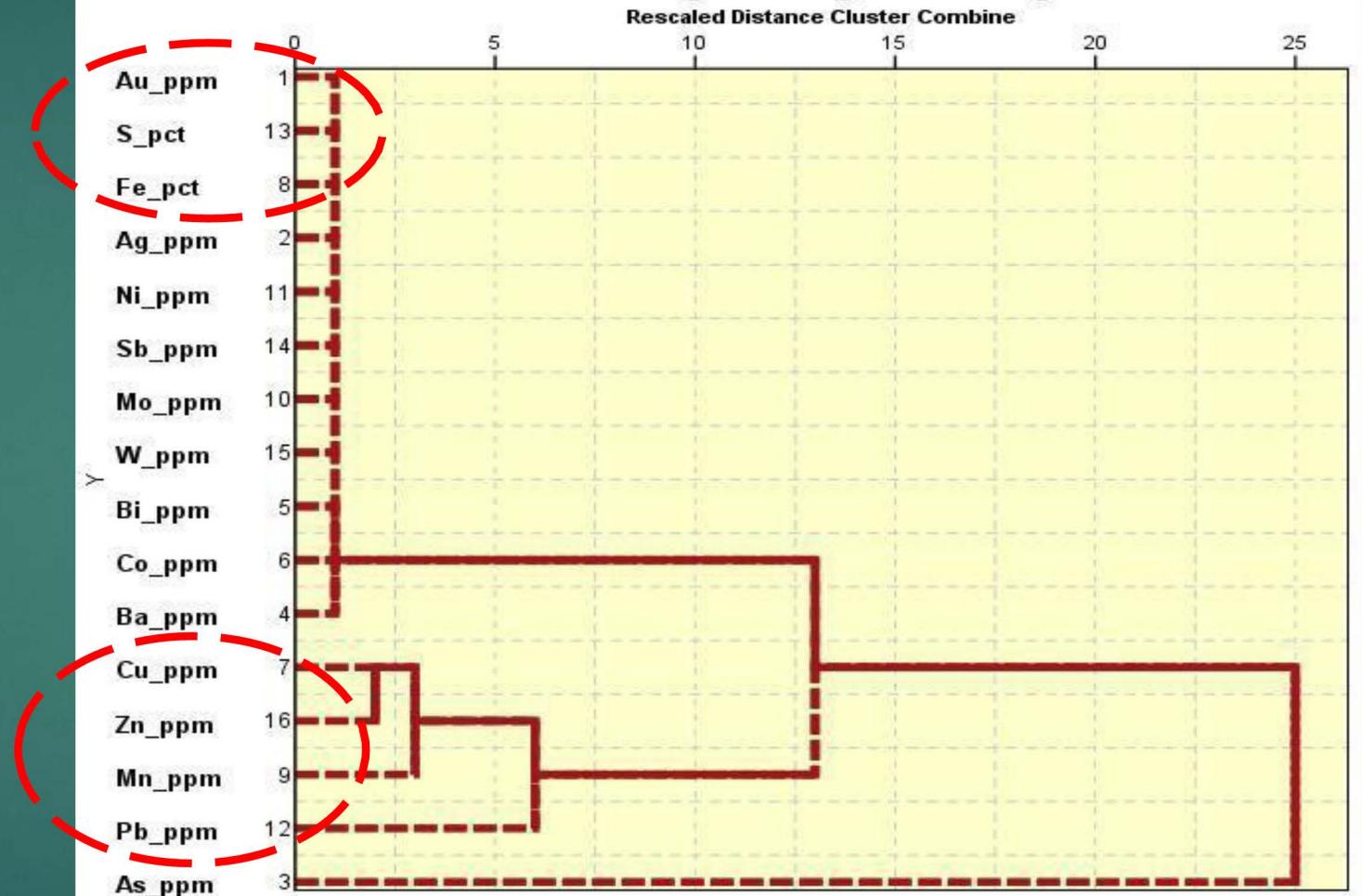


# Geochemistry

Rotated Component Matrix<sup>a</sup>

	Component							
	1	2	3	4	5	6	7	8
Zn_pp	.863							
Mn_p	.812							
Pb_pp	.619							
Cu_pp	.580							
Ni_pp		.855						
Co_pp		.850						
Au_pp		.596						
Bi_pp			.856					
Ag_pp			.674					
Ba_pp				.907				
Sb_pp				.652				
Fe_pct					.899			
As_pp					.625			
Mo_p						.989		
W_pp							.987	
S_pct								.991

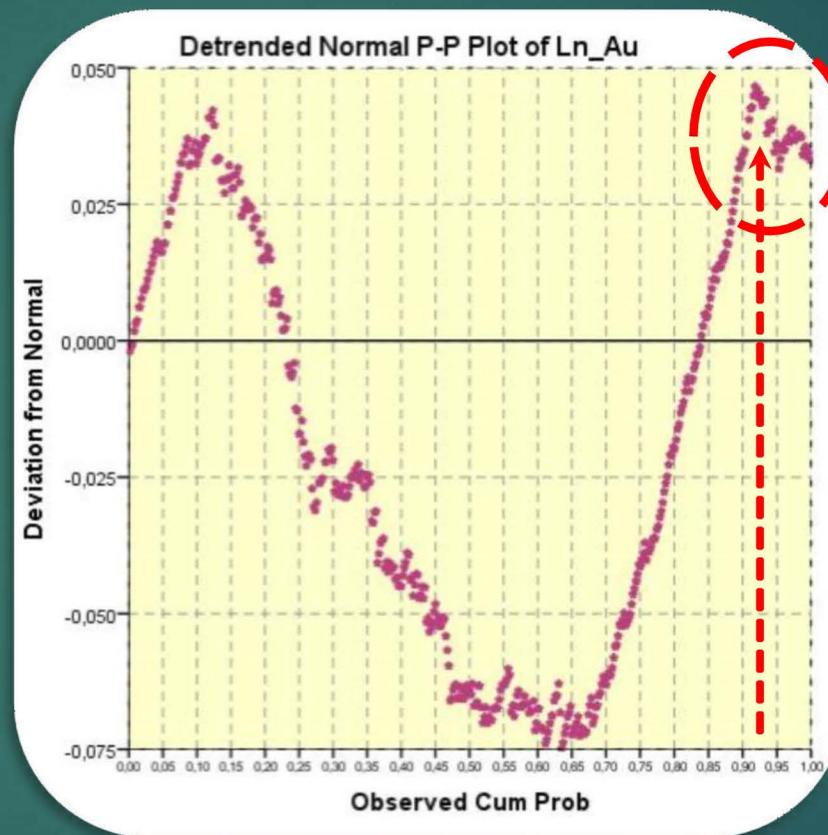
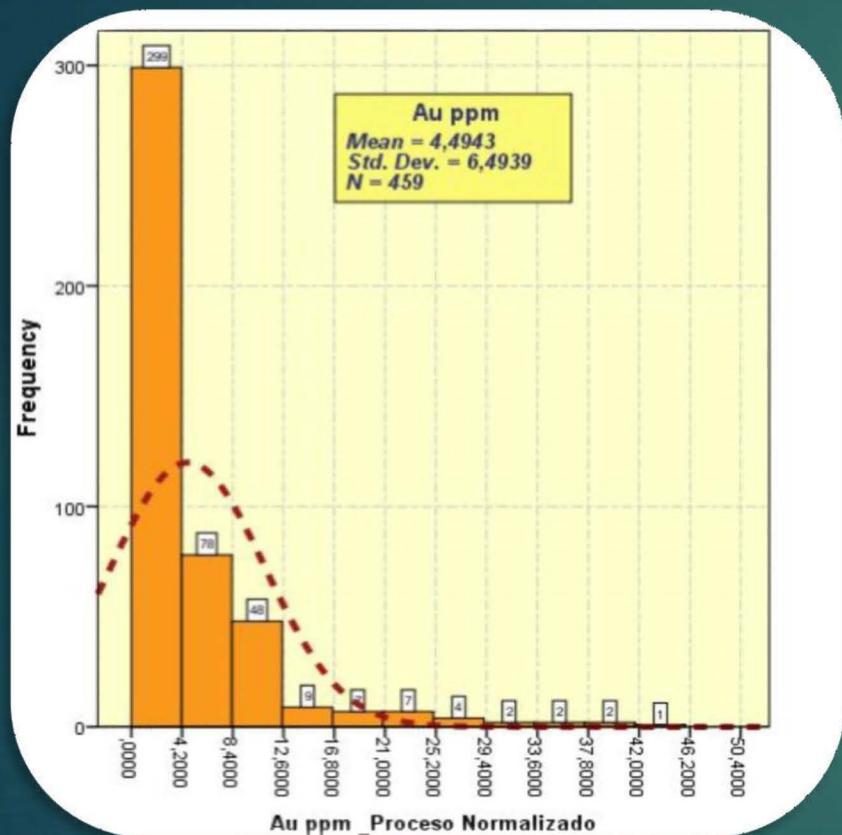
Dendrogram using Ward Linkage



## I. Depósitos Orogénicos de Au (Pb-Zn-Cu) del Carbonífero – Pérmico

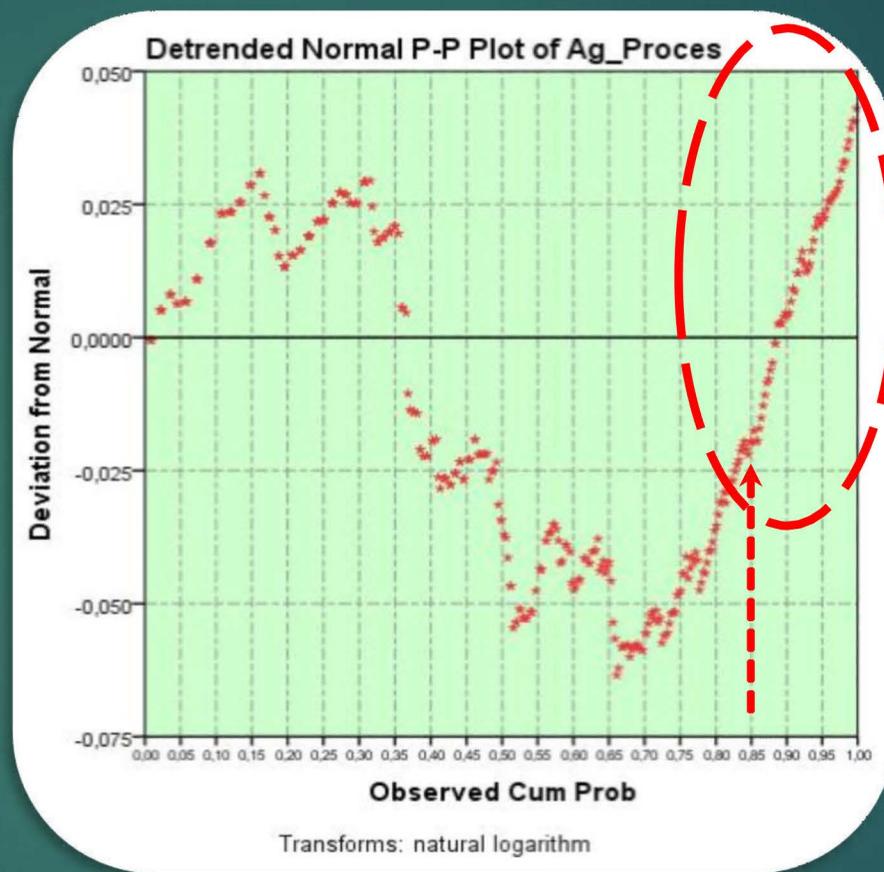
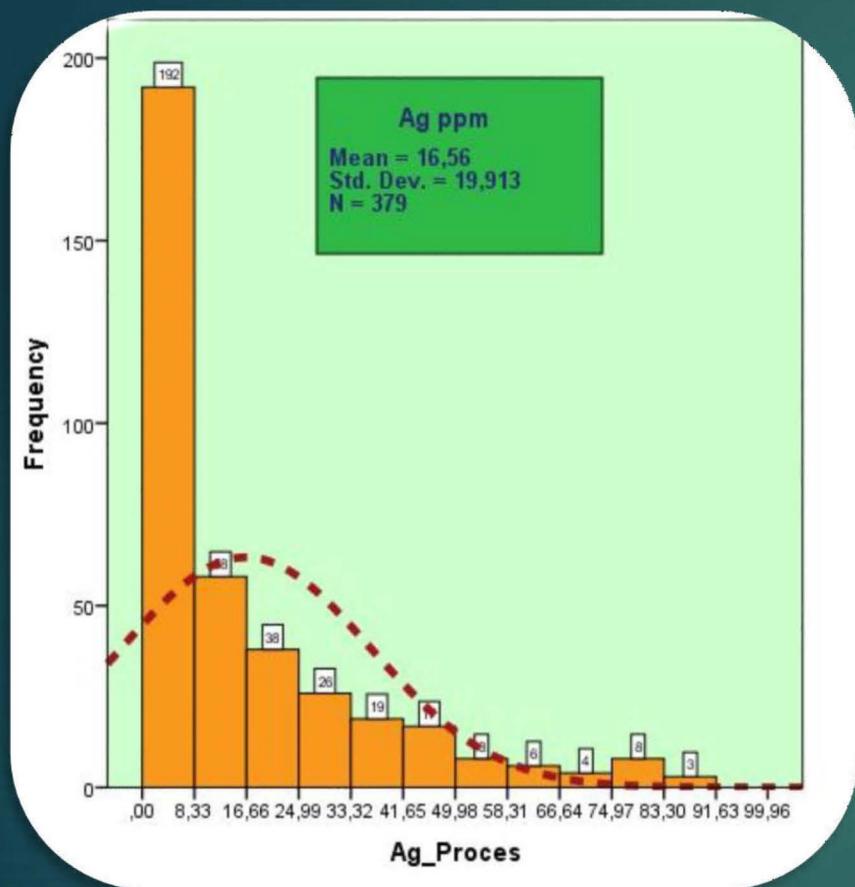
Se ubica dentro de la Cordillera Oriental del norte del Perú. La mineralización esta asociada con granitoides del Batolito de Pataz y zonas de cizalla NO-SE del sistema Pataz. Las estructuras mineralizadas están constituidas por cuarzo-oro-sulfuros, dispuestas como vetas y mantos. Son conocidos los yacimientos de Poderosa, Horizonte y Rematas. Las edades de mineralización oscilan entre 315 y 286 Ma.

# Geochemistry: Statistics Au ppm



Statistics Au ppm		
Au_ppm		
<b>N</b>	Valid	459.00
	Missing	24.00
<b>Mean</b>		4.49
<b>Median</b>		1.85
<b>Mode</b>		.09
<b>Std. Deviation</b>		6.49
<b>Variance</b>		42.17
<b>Skewness</b>		2.68
<b>Std. Error of Skewness</b>		.11
<b>Kurtosis</b>		8.85
<b>Std. Error of Kurtosis</b>		.23
<b>Range</b>		42.28
<b>Minimum</b>		.01
<b>Maximum</b>		42.29
<b>Percentiles</b>	10	.08
	20	.25
	25	.42
	30	.57
	40	1.05
	50	1.85
	60	3.10
	65	4.15
	70	5.28
	75	6.32
80	7.69	
90	11.09	
92,5	12.66	
95	17.90	
97,5	25.29	

# Geochemistry: Statistics Agppm



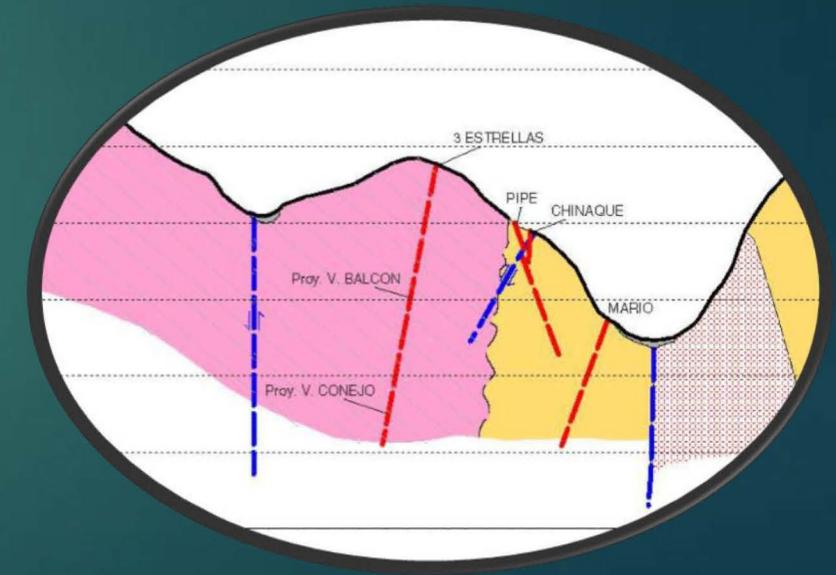
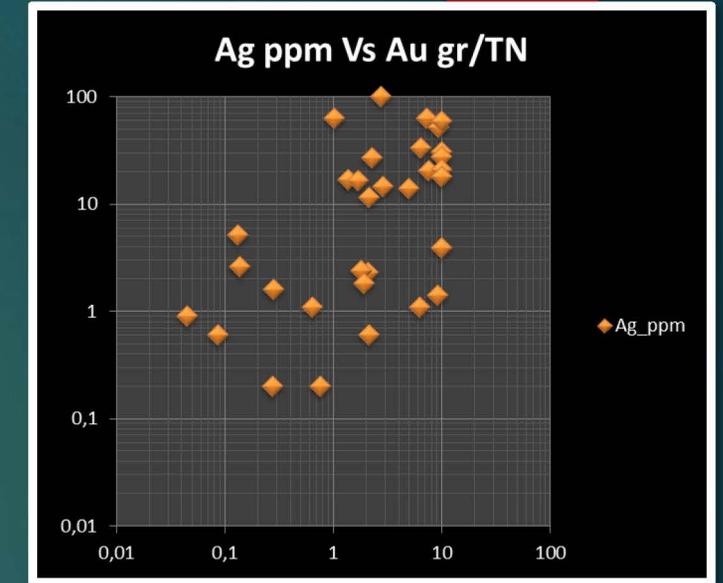
Statistics		
Ag_ppm		
N	Valid	379
	Missing	104
Mean		16.561
Median		7.900
Mode		.8
Std. Deviation		19.9127
Variance		396.516
Skewness		1.647
Std. Error of		.125
Kurtosis		2.198
Std. Error of Kurtosis		.250
Minimum		.2
Maximum		88.4
Percentiles	10	.800
	20	1.800
	25	2.300
	30	2.800
	40	5.200
	50	7.900
	60	12.300
	70	19.800
	75	24.300
	80	30.100
	85	37.300
	90	46.100
	95	61.800
	97,5	76.600

# Potential Resources: Phase 01

MINERAL MEDIDO												
ID	ESTRUCTURA	PRIO	SECTOR	LONG	ALTURA	POT	PE	# BLOQUE	TON M <sup>3</sup>	Au(Gr/Tn)	Au (Oz/Tn)	
01	Pipe	1	Monserate Bajo	210	180	0.25	2.7	30	7,641	26.31	0.82	
02	Tres Estrellas	1	Monserate Bajo	340	180	0.25	2.7	48	10,314	17.82	0.56	
03	Chinaque	1	Monserate Bajo	215	180	0.25	2.7	30	6,544	15.63	0.49	
TONELAJE TOTAL ESTIMADO (M <sup>3</sup> )									24,499			

MINERAL INDICADO												
ID	ESTRUCTURA	PRIO	SECTOR	LONG	ALTITUD	POT	PE	# BLOQUE	TON M <sup>3</sup>	Au(Gr/Tn)	Au (Oz/Tn)	
01	Pipe	1	Monserate Bajo	220	220	0.30	2.7	44	14,256	35.51	1.11	
02	Tres Estrellas	1	Monserate Bajo	340	220	0.30	2.7	64	17,280	21.56	0.67	
03	Chinaque	1	Monserate Bajo	215	220	0.30	2.7	44	11,880	18.56	0.58	
TONELAJE TOTAL ESTIMADO (M <sup>3</sup> )									43,416			

MINERAL INFERIDO												
ID	ESTRUCTURA	PRIO	SECTOR	LONG	ALTITUD	POT	PE	# BLOQUE	TON M <sup>3</sup>	Au(Gr/Tn)	Au (Oz/Tn)	
01	Pipe	1	Monserate Bajo	220	260	0.35	2.7	66	21,384	32.20	1.01	
02	Tres Estrellas	1	Monserate Bajo	320	260	0.35	2.7	96	25,920	16.23	0.51	
03	Chinaque	1	Monserate Bajo	320	260	0.35	2.7	66	17,820	15.63	0.49	
TONELAJE TOTAL ESTIMADO (M <sup>3</sup> )									65,124			



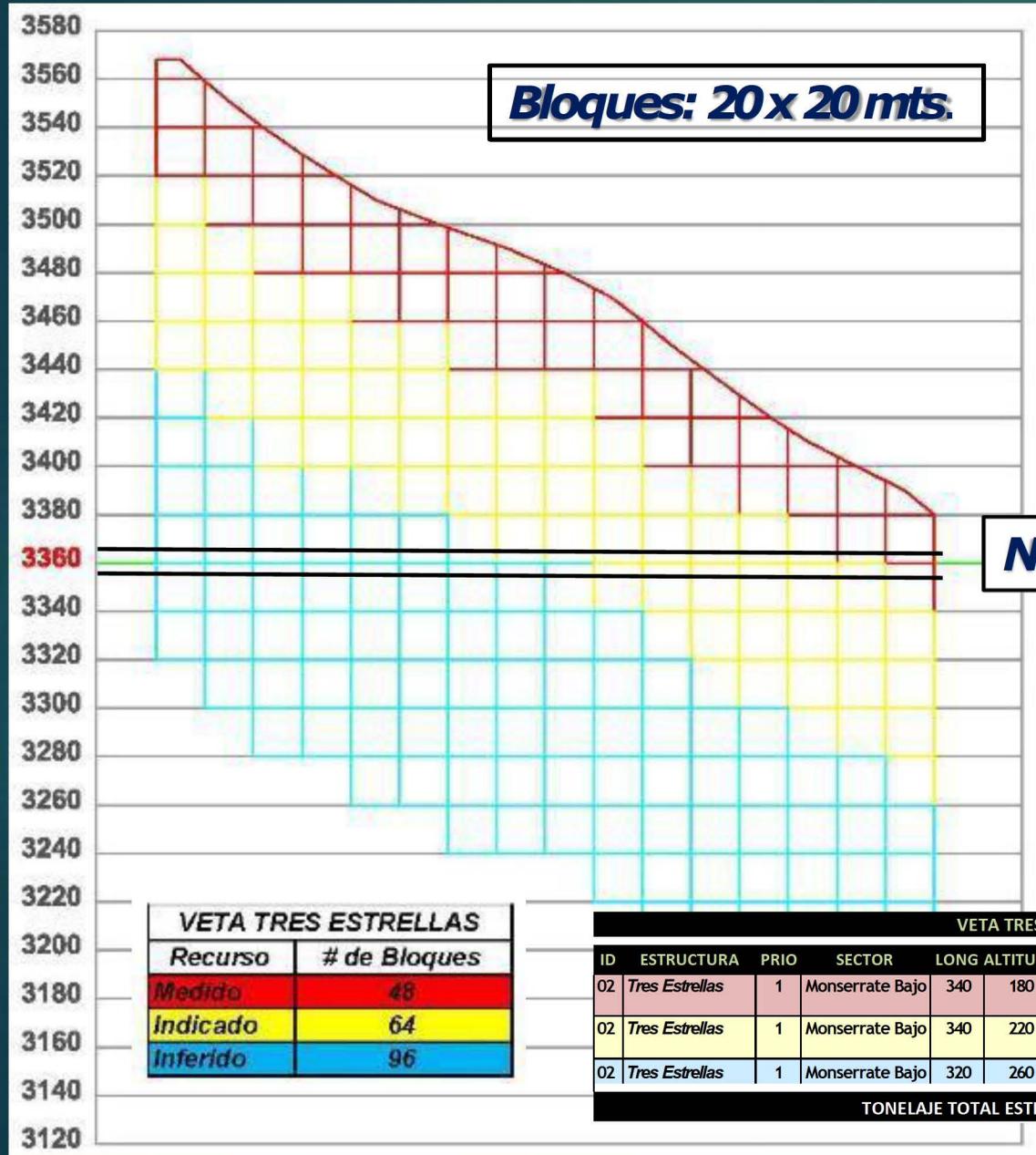
TONELAJE TOTAL ESTIMADO (M3)

67,915

ONZAS TOTAL PROYECTADAS (Ley @ 0.56 Oz Au)

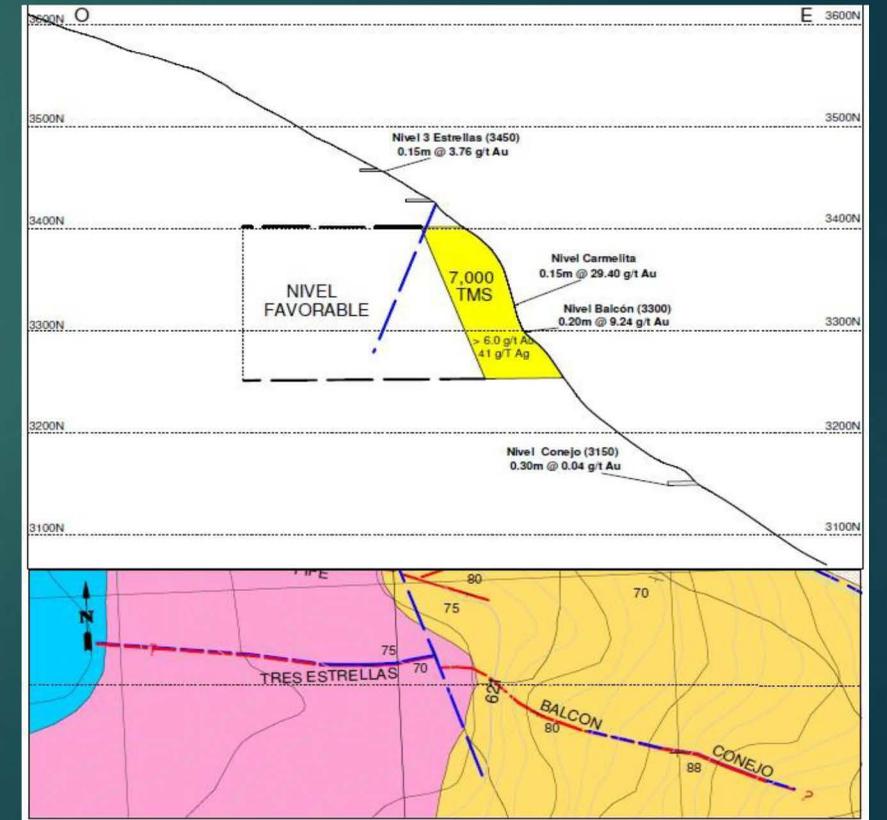
38,032

# Potential Resources: Tres Estrellas Section



VETA TRES ESTRELLAS	
Recurso	# de Bloques
Medido	48
Indicado	64
Inferido	96

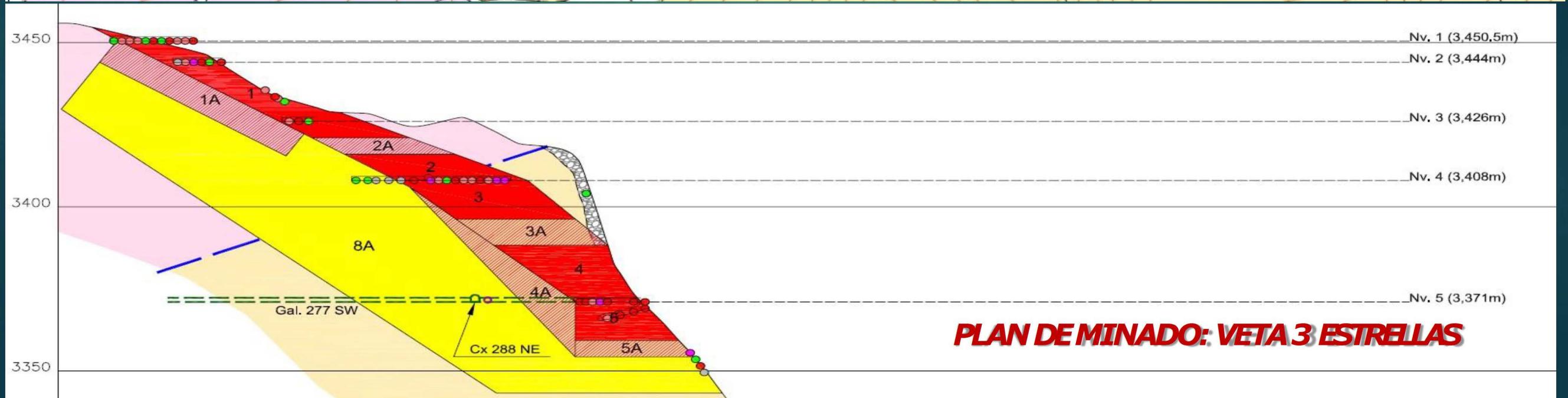
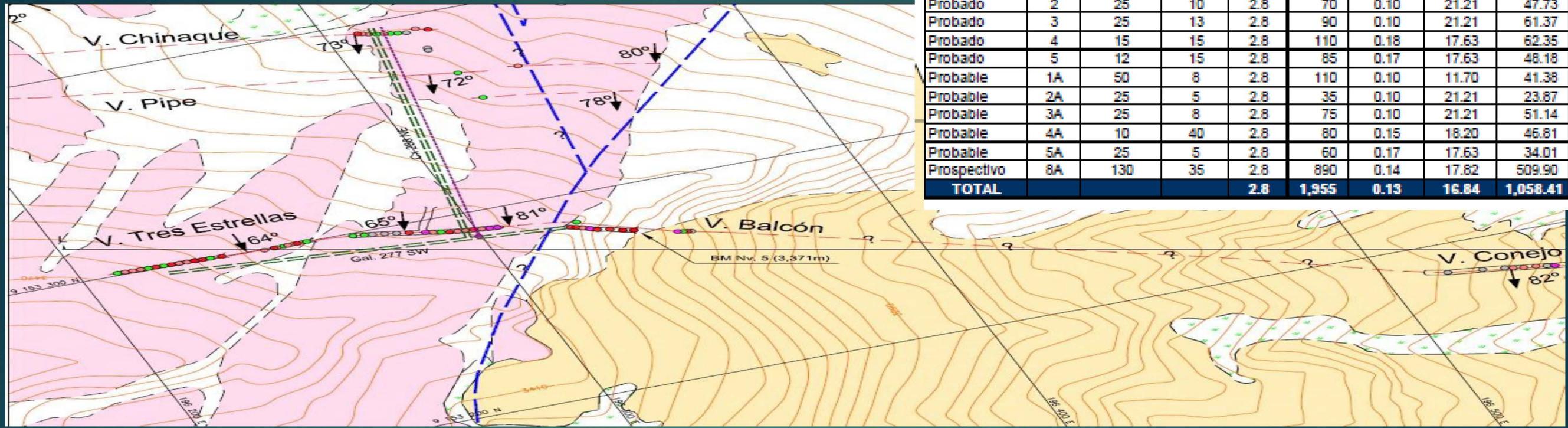
VETA TRES ESTRELLAS											
ID	ESTRUCTURA	PRIO	SECTOR	LONG	ALTITUD	POT	PE	# BLOQUE	TON	M <sup>3</sup> Au(Gr/Tn)	Au (Oz/Tn)
02	Tres Estrellas	1	Monserate Bajo	340	180	0.25	2.7	48	1,314	17.82	0.56
02	Tres Estrellas	1	Monserate Bajo	340	220	0.30	2.7	64	17,208	21.56	0.67
02	Tres Estrellas	1	Monserate Bajo	320	260	0.35	2.7	96	25,920	16.23	0.51
TONELAJE TOTAL ESTIMADO (M <sup>3</sup> )									53,514		



# Potential Resources: Tres Estrellas Section

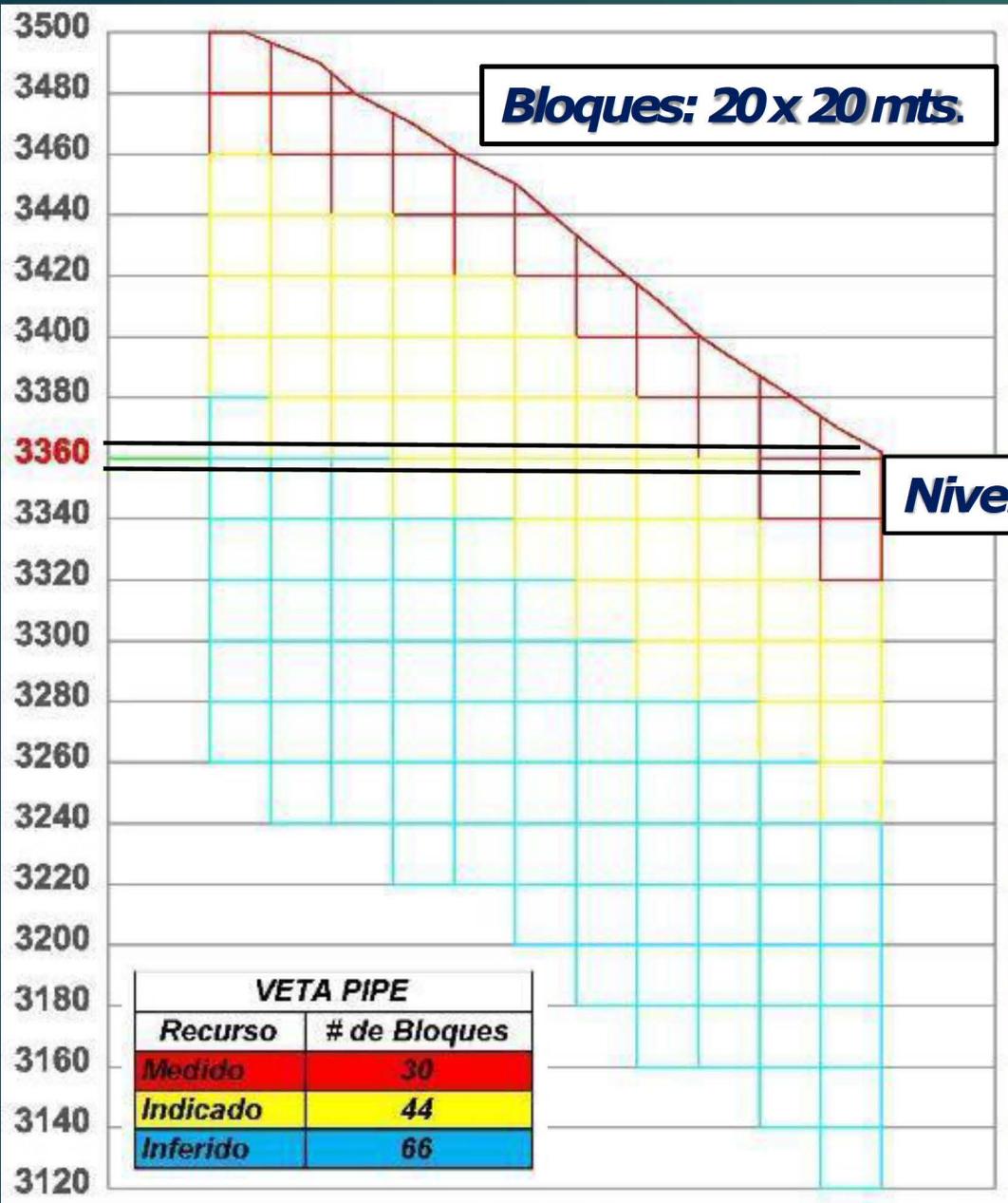
## POTENCIA REAL

Tipo Mineral	Block	Largo (m)	Alto (m)	P.E.	TMS	Potencia	gr Aufm	Oz Au
Probado	1	63	20	2.8	350	0.10	11.70	131.66
Probado	2	25	10	2.8	70	0.10	21.21	47.73
Probado	3	25	13	2.8	90	0.10	21.21	61.37
Probado	4	15	15	2.8	110	0.18	17.63	62.35
Probado	5	12	15	2.8	85	0.17	17.63	48.18
Probable	1A	50	8	2.8	110	0.10	11.70	41.38
Probable	2A	25	5	2.8	35	0.10	21.21	23.87
Probable	3A	25	8	2.8	75	0.10	21.21	51.14
Probable	4A	10	40	2.8	80	0.15	18.20	46.81
Probable	5A	25	5	2.8	60	0.17	17.63	34.01
Prospectivo	8A	130	35	2.8	890	0.14	17.82	509.90
<b>TOTAL</b>				<b>2.8</b>	<b>1,955</b>	<b>0.13</b>	<b>16.84</b>	<b>1,058.41</b>



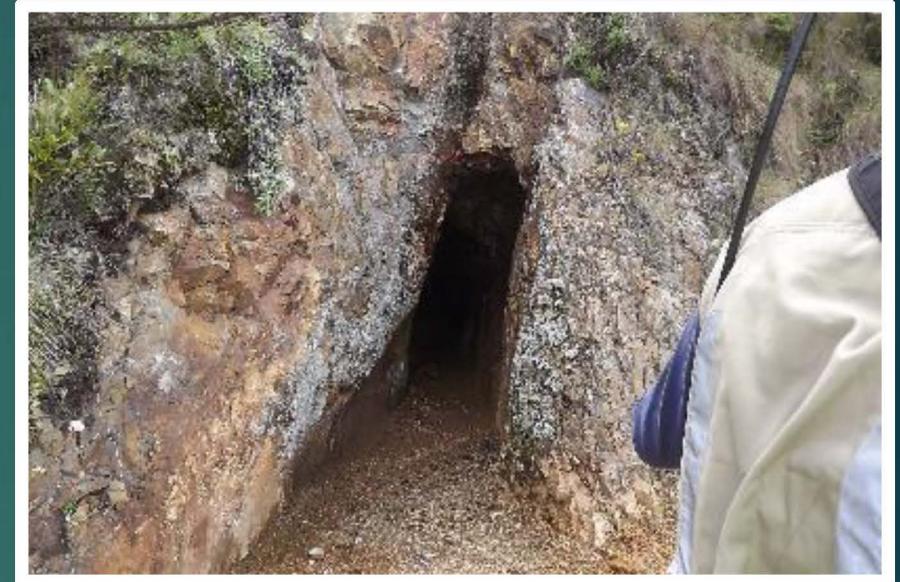
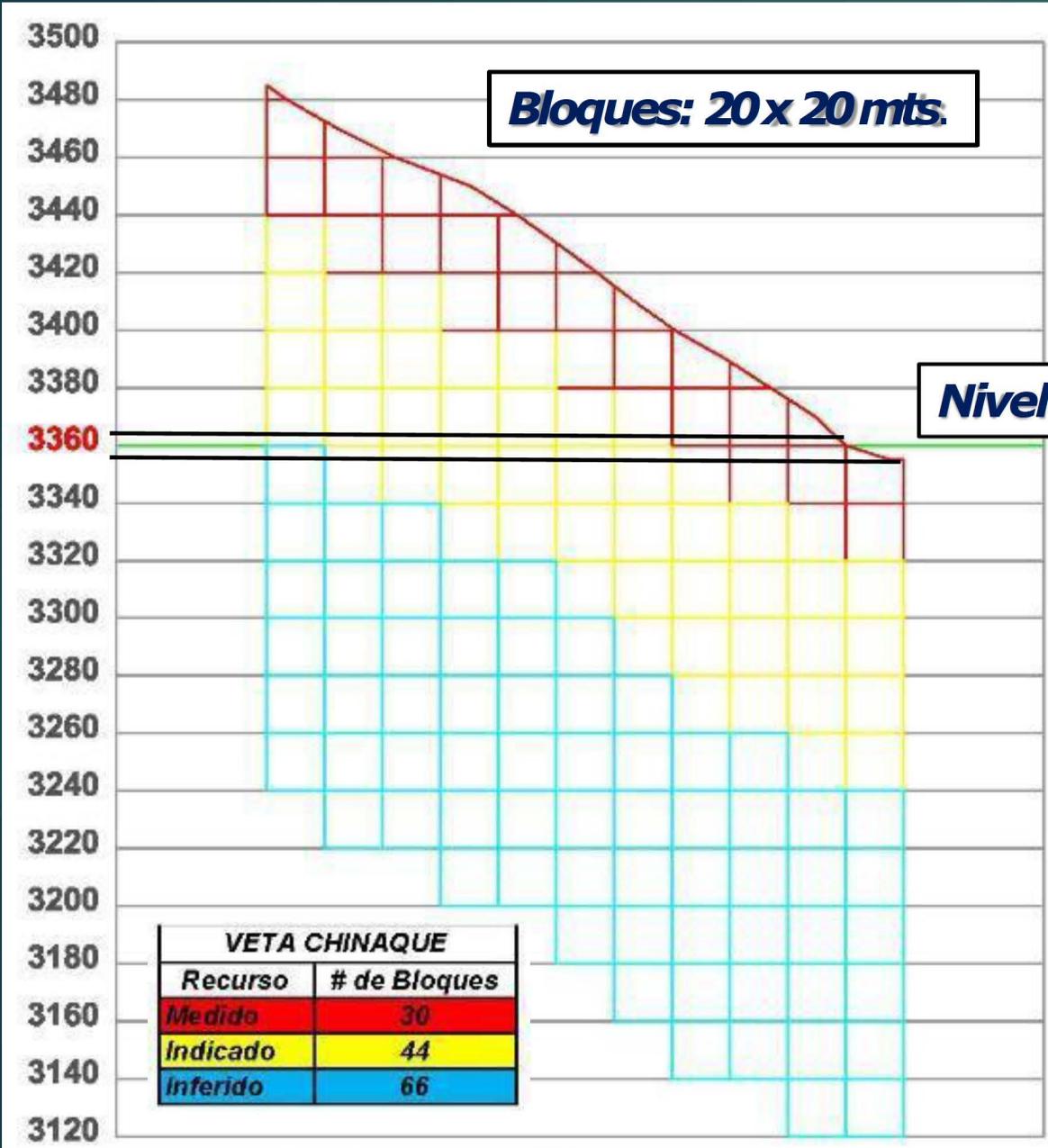
**PLAN DE MINADO: VETA 3 ESTRELLAS**

# Potential Resources: Section Pipe



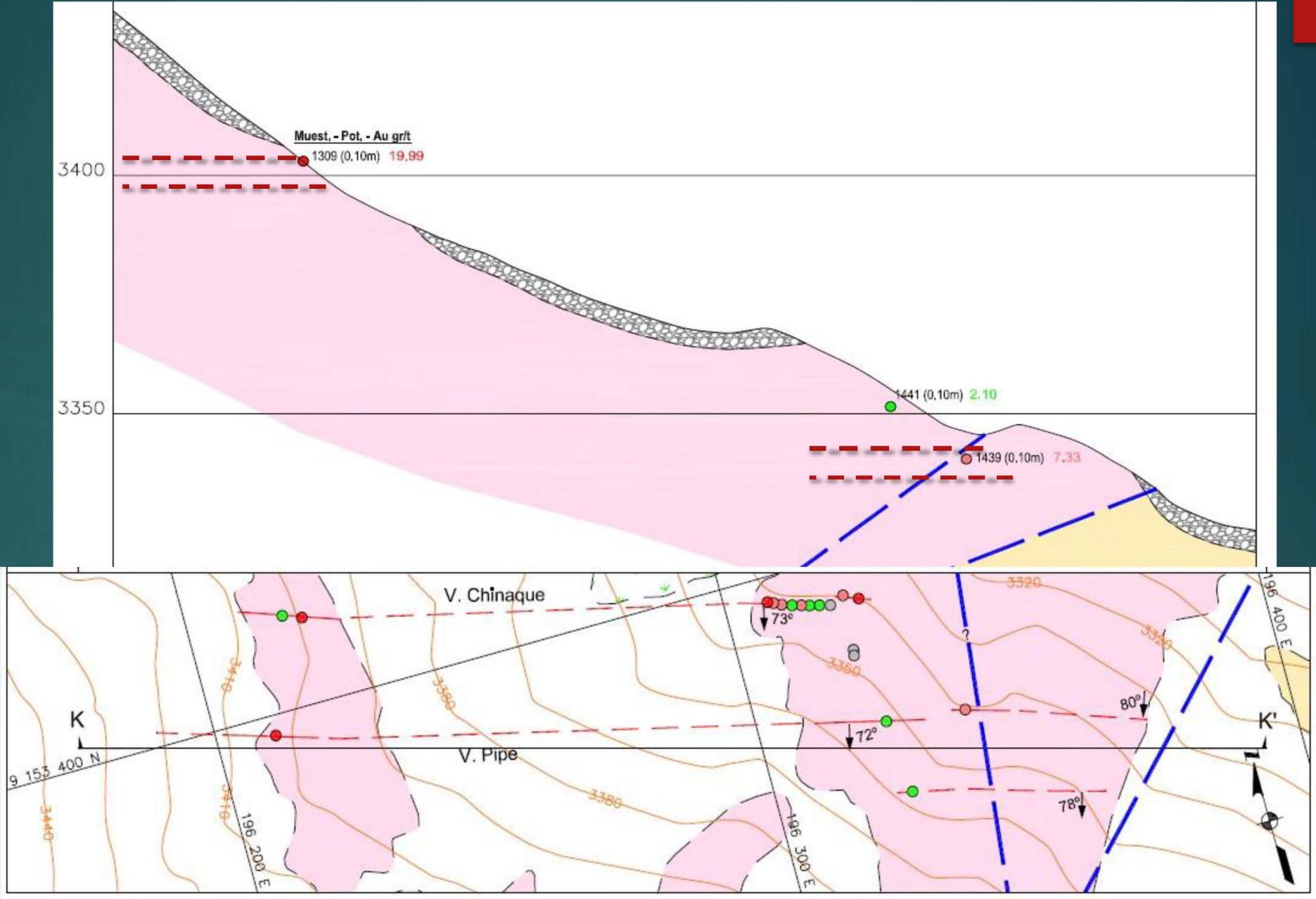
VETA PIPE											
ID	ESTRUCTURA	PRIO	SECTOR	LONG	ALTURA	POT	PE	# BLOQUE	TON M <sup>3</sup>	Au(Gr/Tn)	Au (Oz/Tn)
01	Pipe	1	Monserate Bajo	210	180	0.25	2.7	30	7,641	26.31	0.82
01	Pipe	1	Monserate Bajo	220	220	0.30	2.7	44	14, 625	35.51	1.11
01	Pipe	1	Monserate Bajo	220	260	0.35	2.7	66	21,384	32.20	1.01
<b>TONELAJE TOTAL ESTIMADO (M<sup>3</sup>)</b>									<b>43,281</b>		

# Potential Resources: Chinaque Section

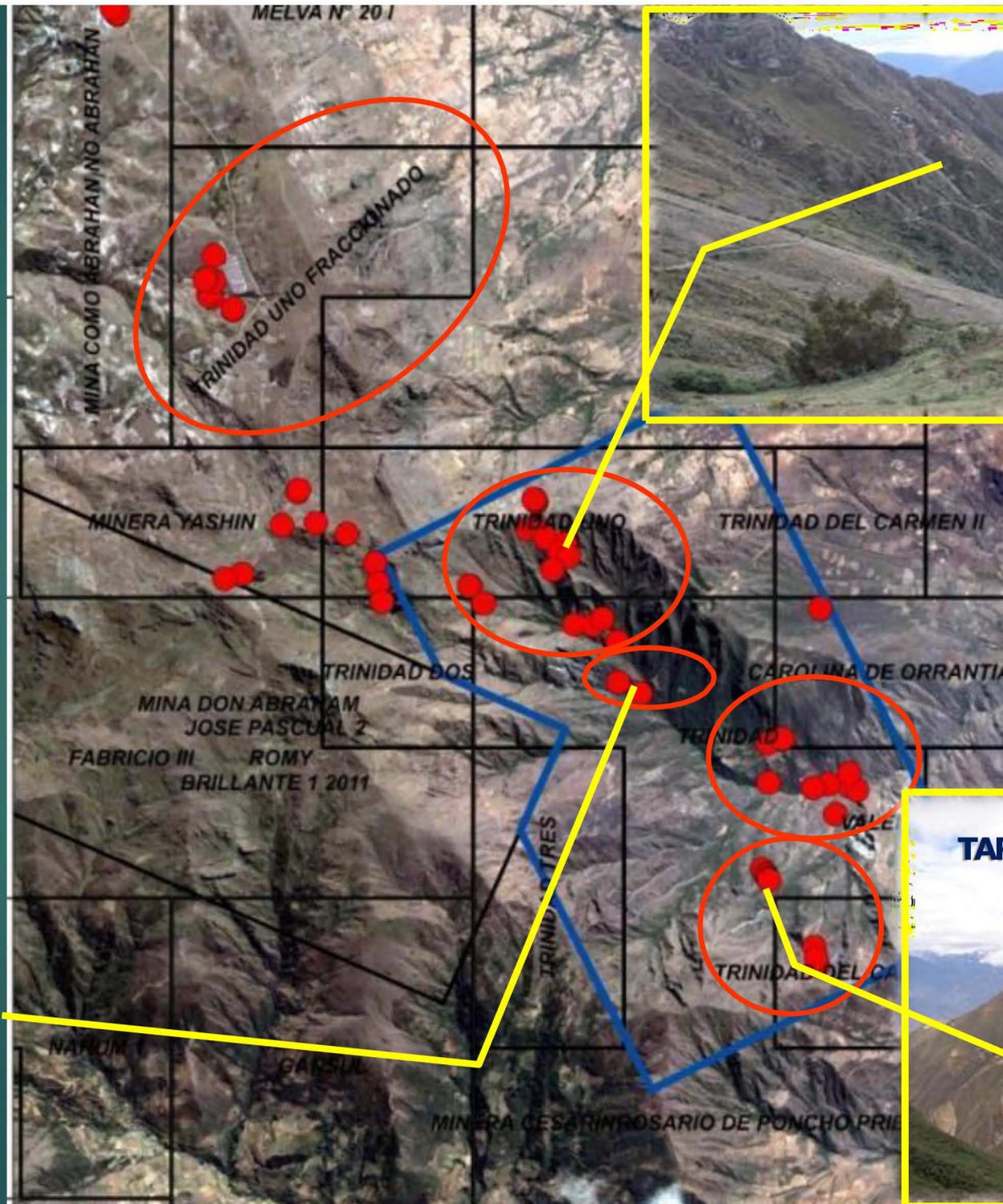


VETA CHINAQUE										
ID	ESTRUCTURA	PRIO	SECTOR	LONG	ALTITUD	POT	PE	# BLOQUE	TON M <sup>3</sup> Au(Gr/Tn)	Au (Oz/Tn)
03	Chinaque	1	Monserate Bajo	215	180	0.2	2.7	30	6,544	15.63
03	Chinaque	1	Monserate Bajo	215	220	0.3	2.7	44	11,808	18.56
03	Chinaque	1	Monserate Bajo	320	260	0.3	2.7	66	17,820	15.63
<b>TONELAJE TOTAL ESTIMADO (M<sup>3</sup>)</b>									<b>36,244</b>	

# Potential Resources: Chinaque / Pipe Section



# Opportunities



TARGET: VETAS NORTE

TARGET: CENTRONORTE

TARGET: VETAS SUR



# Opportunities

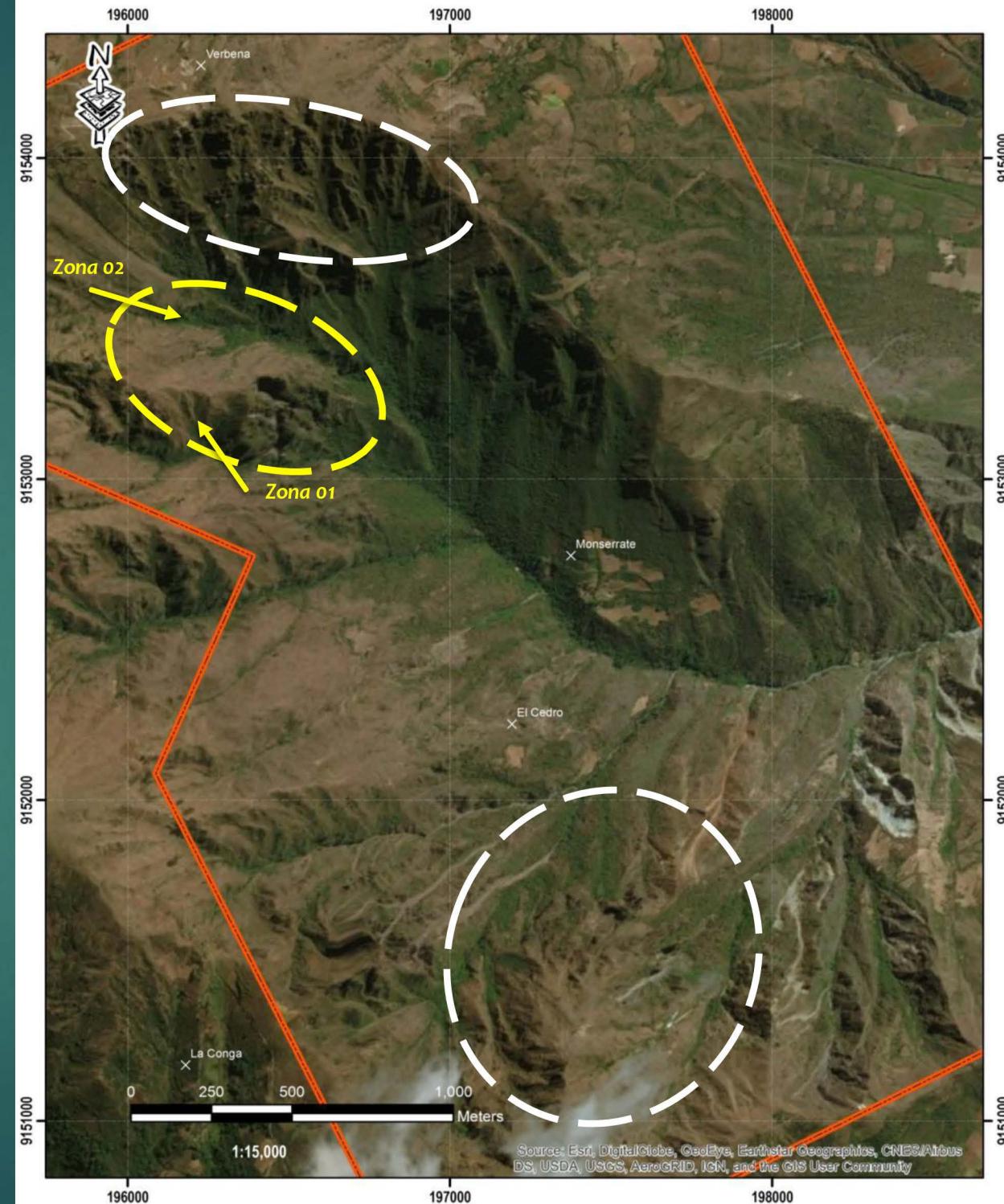
## TARGET 01 (Explotación): Corto plazo

### Zona 01:

- ✓ Veta Tres Estrellas.
- ✓ Veta Balcón.
- ✓ Veta Conejo

### Zona 02:

- ✓ Veta Pipe.
- ✓ Veta Chinaque.
- ✓ Veta Lucero.

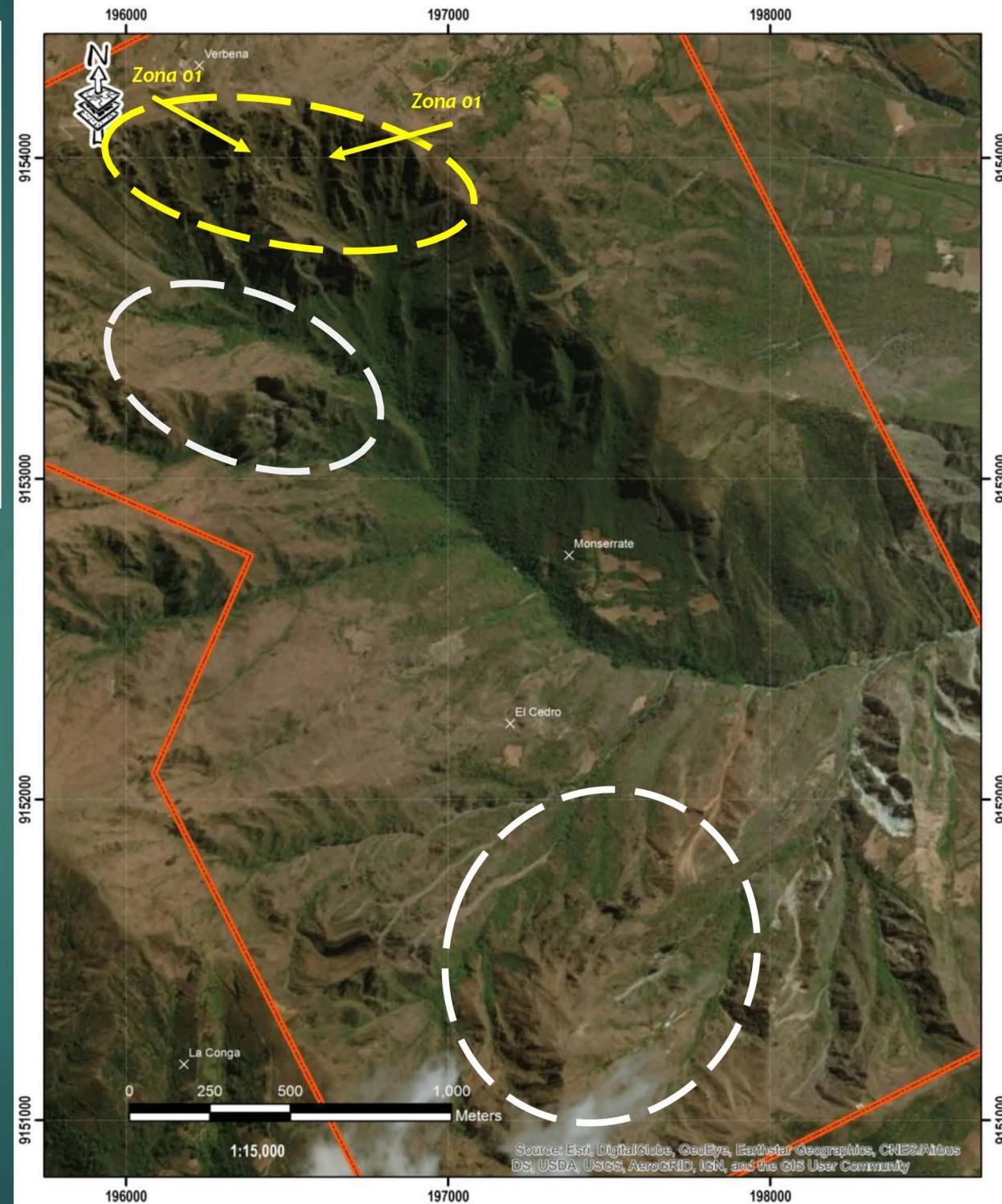
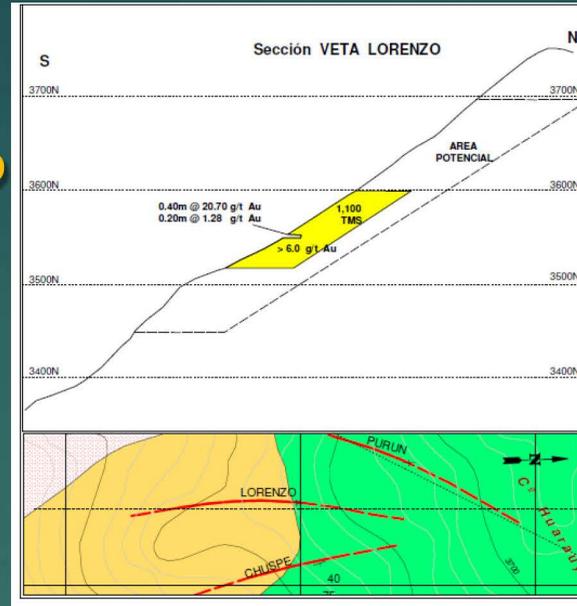


# TARGET 02:

## Explotación - Mediano plazo

### Zona 01:

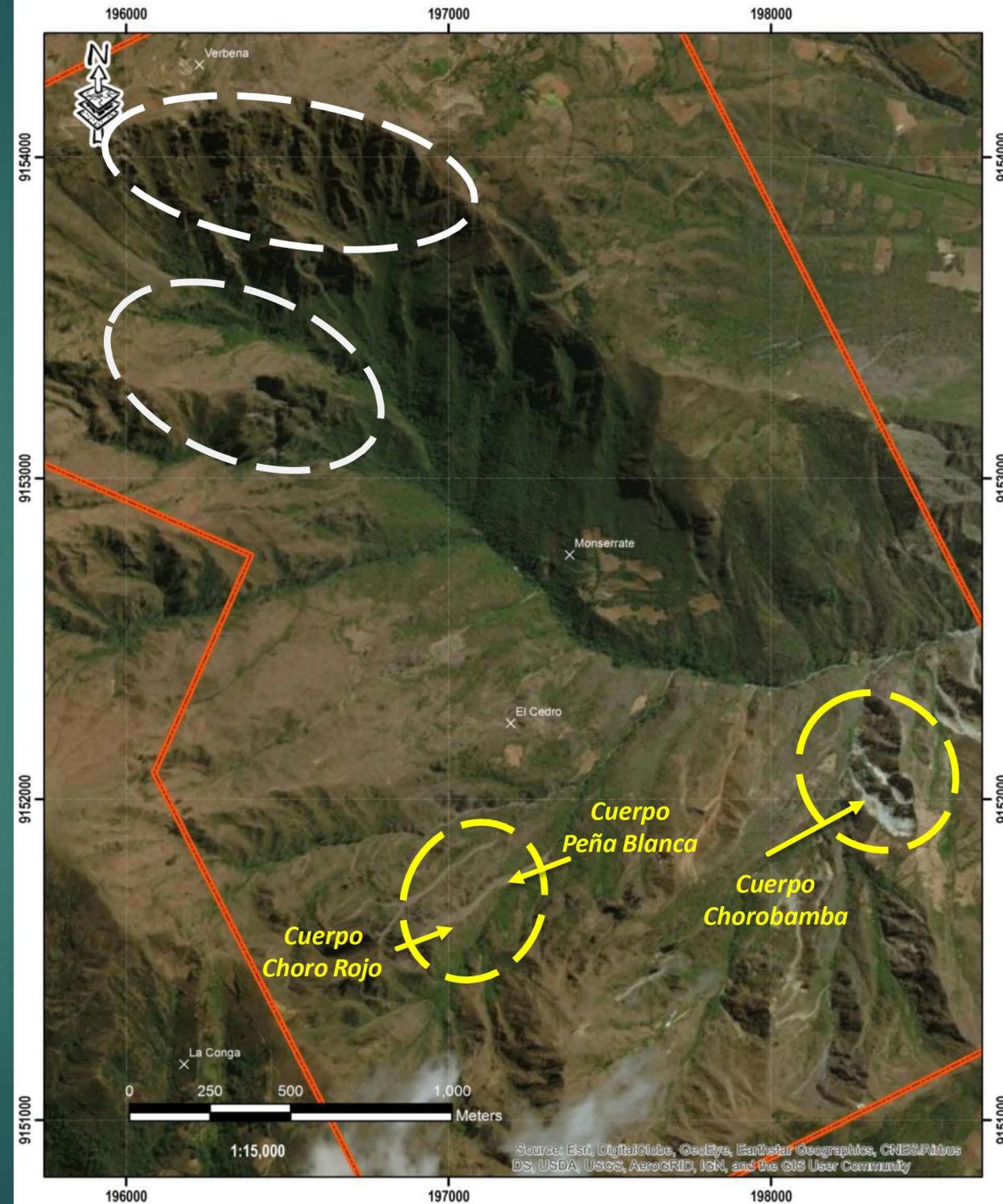
- ✓ Veta Lorenzo.
- ✓ Veta Purun
- ✓ Veta Chuspe.



# TARGET 03:

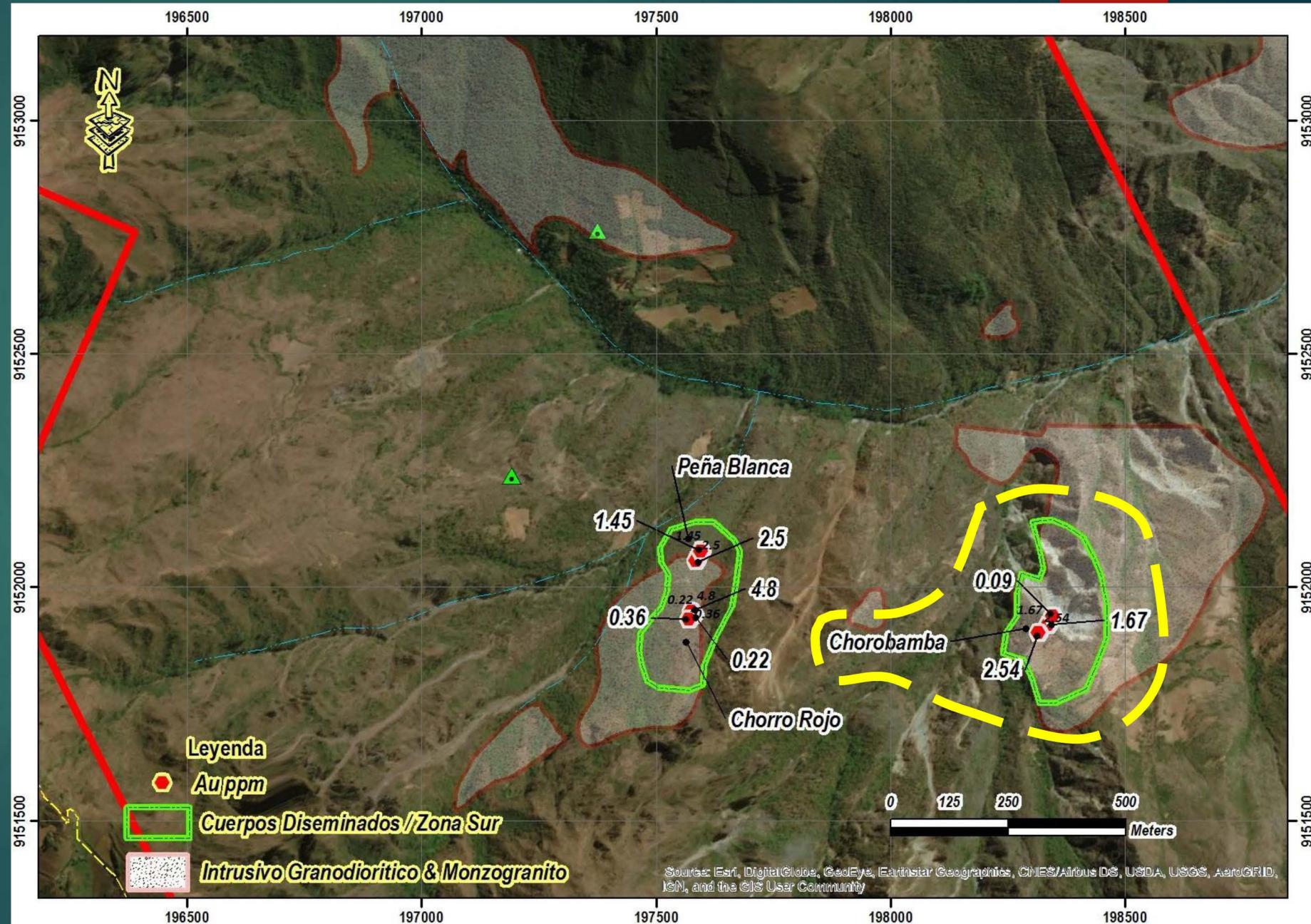
## Exploración: Mediano plazo

- ✓ Cuerpo Chorobamba.
- ✓ Veta Peña Blanca
- ✓ Veta Chorro Rojo.



# CUERPO CHOROBAMBA:

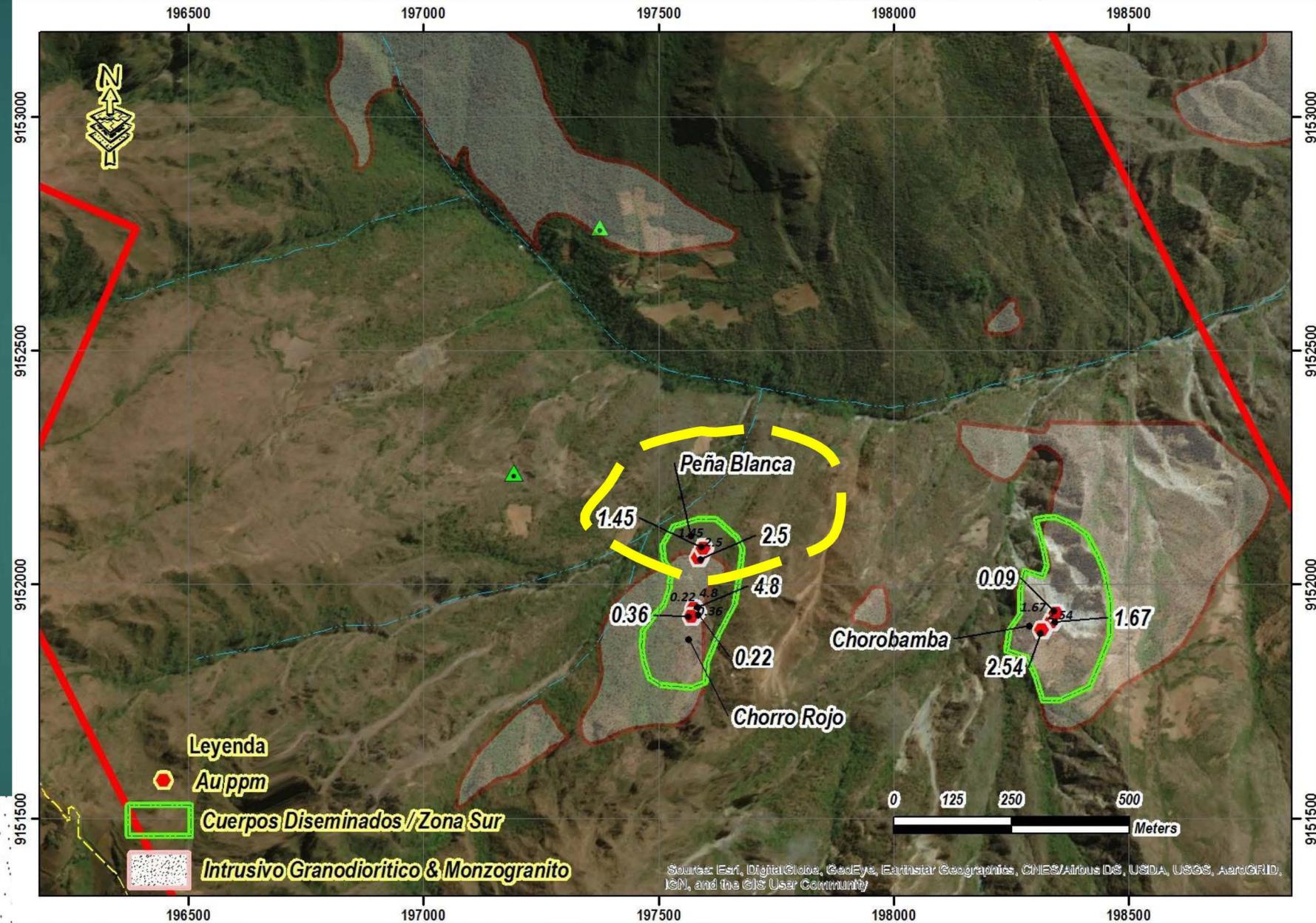
- ✓ **Cuerpo diseminado:**  
Aflora en 02 sectores.
- ✓ **Cuerpo 01:** 400 x 200 mts
- ✓ **Cuerpo 02:** 300 x 150 mts.
- ✓ **Intrusivos:** Monzogranito & Granodiorítico.



# CUERPO PEÑA BLANCA:

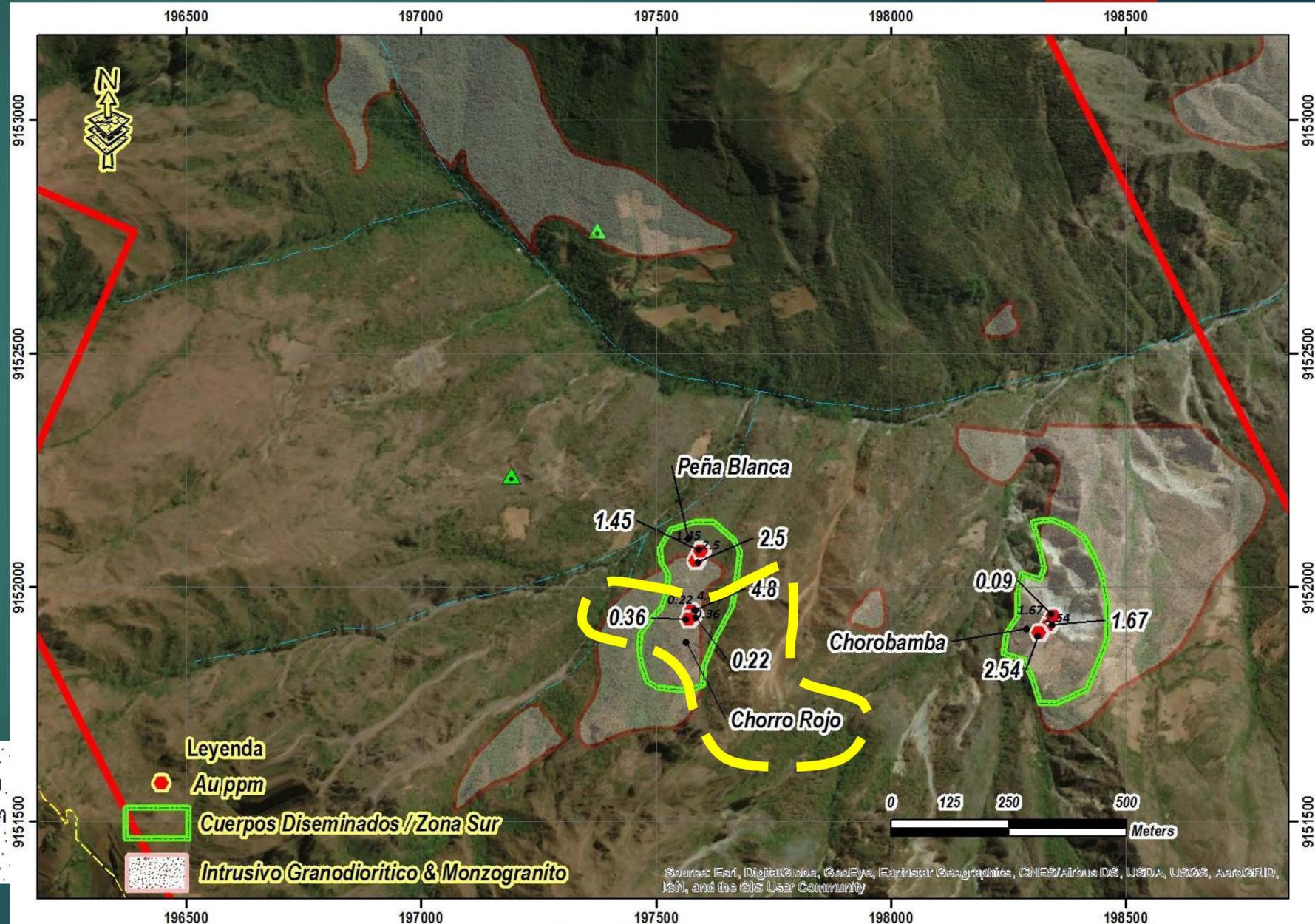
- ✓ Cuerpo diseminado: 300 x 200.
- ✓ Intrusivo Granodiorítico.
- ✓ Alteración: Argílica intermedia (caolinita, sericita).
- ✓ Ensamble: Cuarzo, Pirita, pirrotita, arsenopirita, calcopirita.

M-120.- En roca granodiorita	Au = 272 ppb y As = 4.37 ppm
M-121.- En areniscas cuarcíticas	Au = 217 ppb y As = 25.75 ppm
M-122.- En meta-andesitas	Au = 181 ppb y As = 793.00 ppm



# CUERPO CHORRO ROJO:

- ✓ **Cuerpo diseminado:**  
150x100.
- ✓ **Intrusivo Granodiorítico.**
- ✓ **Alteración:**
- ✓ **Argílica intermedia**  
(caolinita, sericita).
- ✓ **Ensamble: Pirita, Cuarzo,**  
**pirrotita, arsenopirita,**  
**calcopirita.**



M-123.- Núcleo Chorro Rojo	Au = 364 ppb y As = 360.00 ppm
M-124.- Cuerpo enlongado	Au = 4838 ppb y As = 253.00 ppm
M-122.- Roca caja (areniscas cuarcíticas)	Au = 217 ppb y As = 146.66 ppm

# Opportunities

## SKARN: Pb - Zn

### TRINIDAD FRACCIONADO

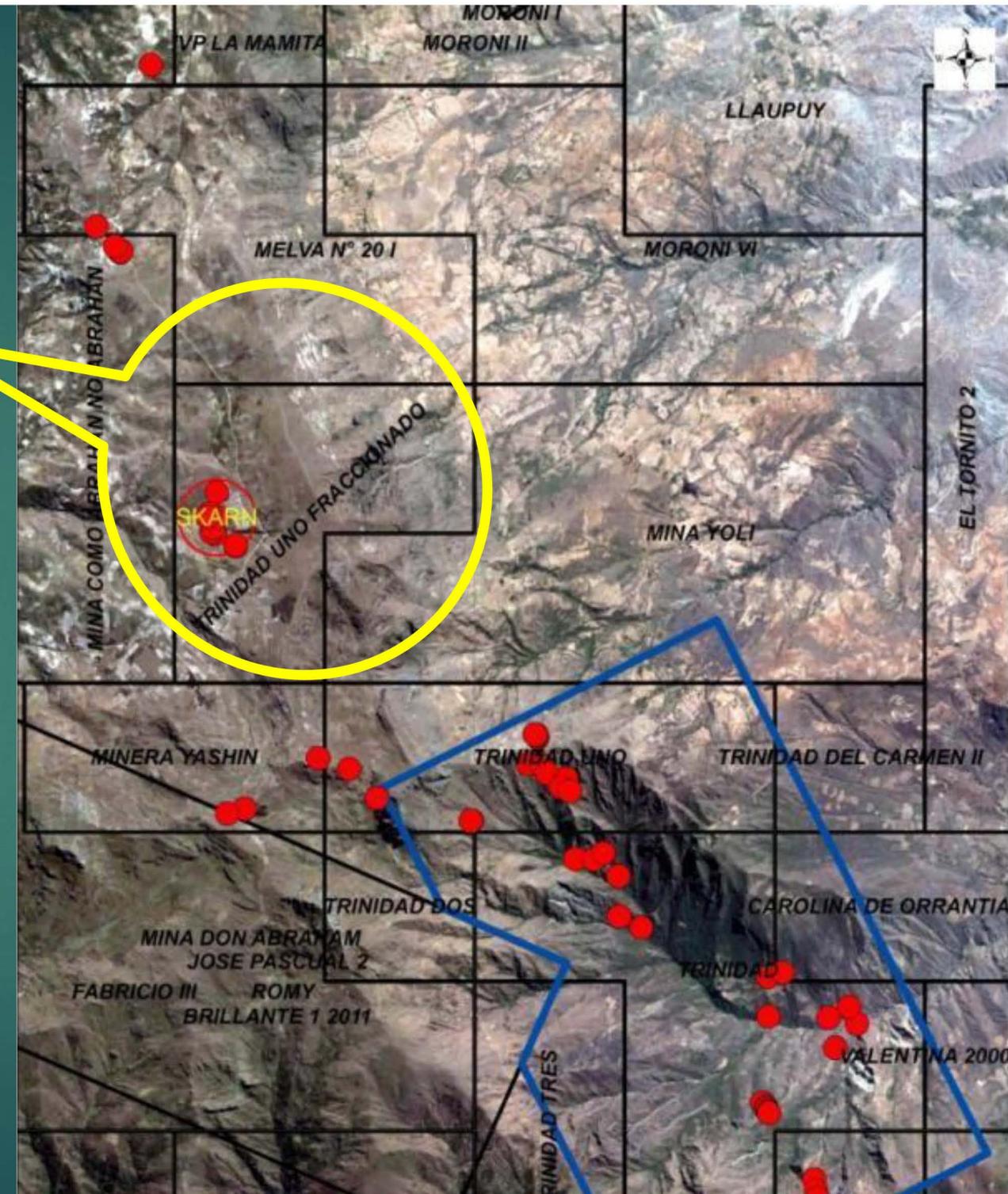
#### Zona de Skarn (Trinidad Uno Fraccionado)

En la parte central oeste de la concesión presencia de calizas oxidadas y areniscas con mineralización de Pb. En esta zona se extrajo 09 muestras:

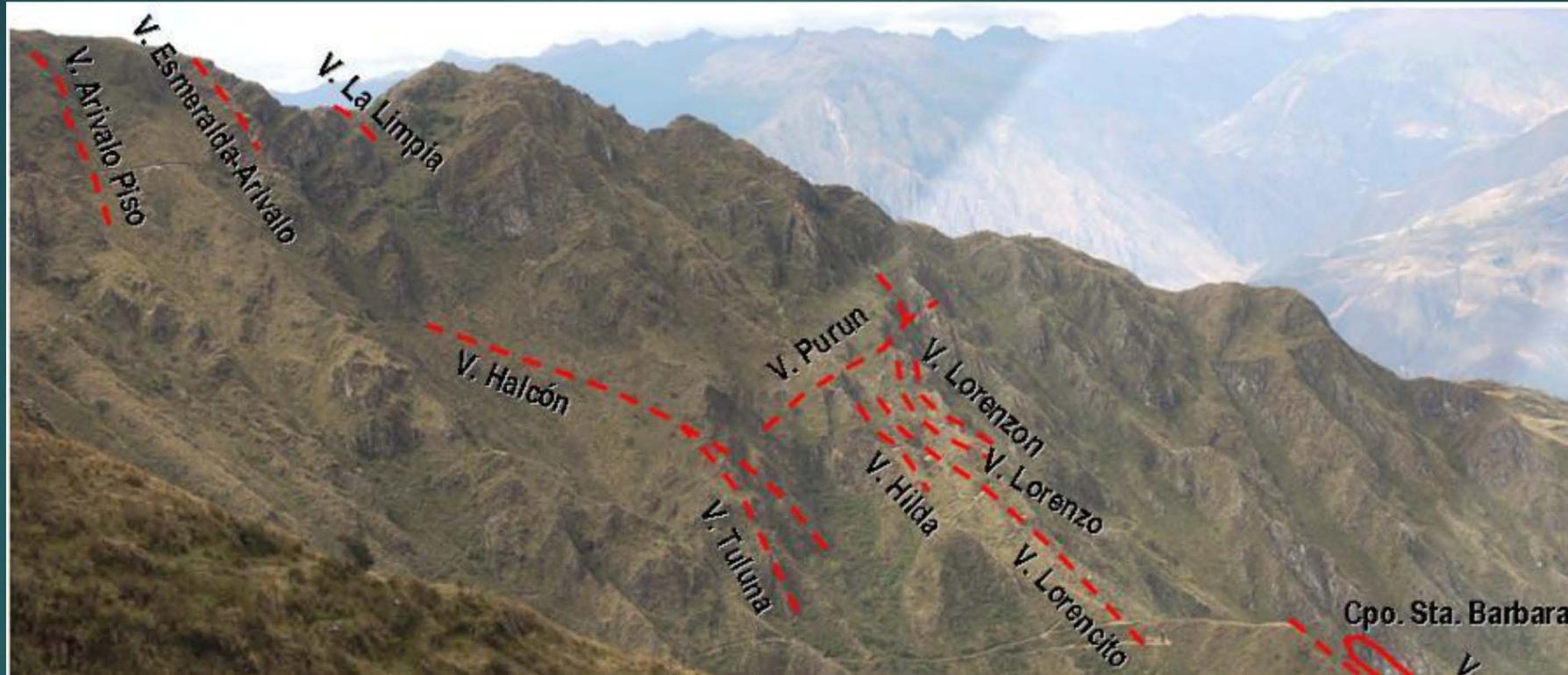
Nº MUESTRA	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Zn_ppm
SK-01	7,00	1,00	57,00	5,40	< 1	38,00	798,30
SK-02	< 5	< 0.2	69,00	10,80	1,00	45,00	3178,50
SK-03	< 5	< 0.2	85,00	20,10	6,00	61,00	6303,80
SK-04	< 5	0,60	70,00	12,00	2,00	403,00	3017,80
SK-05	< 5	1,80	119,00	31,30	3,00	1445,00	2994,40
SK-06	< 5	93,90	836,00	68,50	7,00	> 10000	8172,10
SK-07	< 5	5,00	206,00	88,70	39,00	3493,00	7714,80
SK-08	23,00	0,90	225,00	73,00	7,00	3474,00	9023,50
SK-09	< 5	0,70	66,00	37,60	< 1	422,00	3663,90

#### Mineralización de Zn, Pb, en brechas calcáreas (SK-08)

Nº Muestra	% Pb
SK-06	44.42



# ***EXPLOR MINING DISCOVERY***



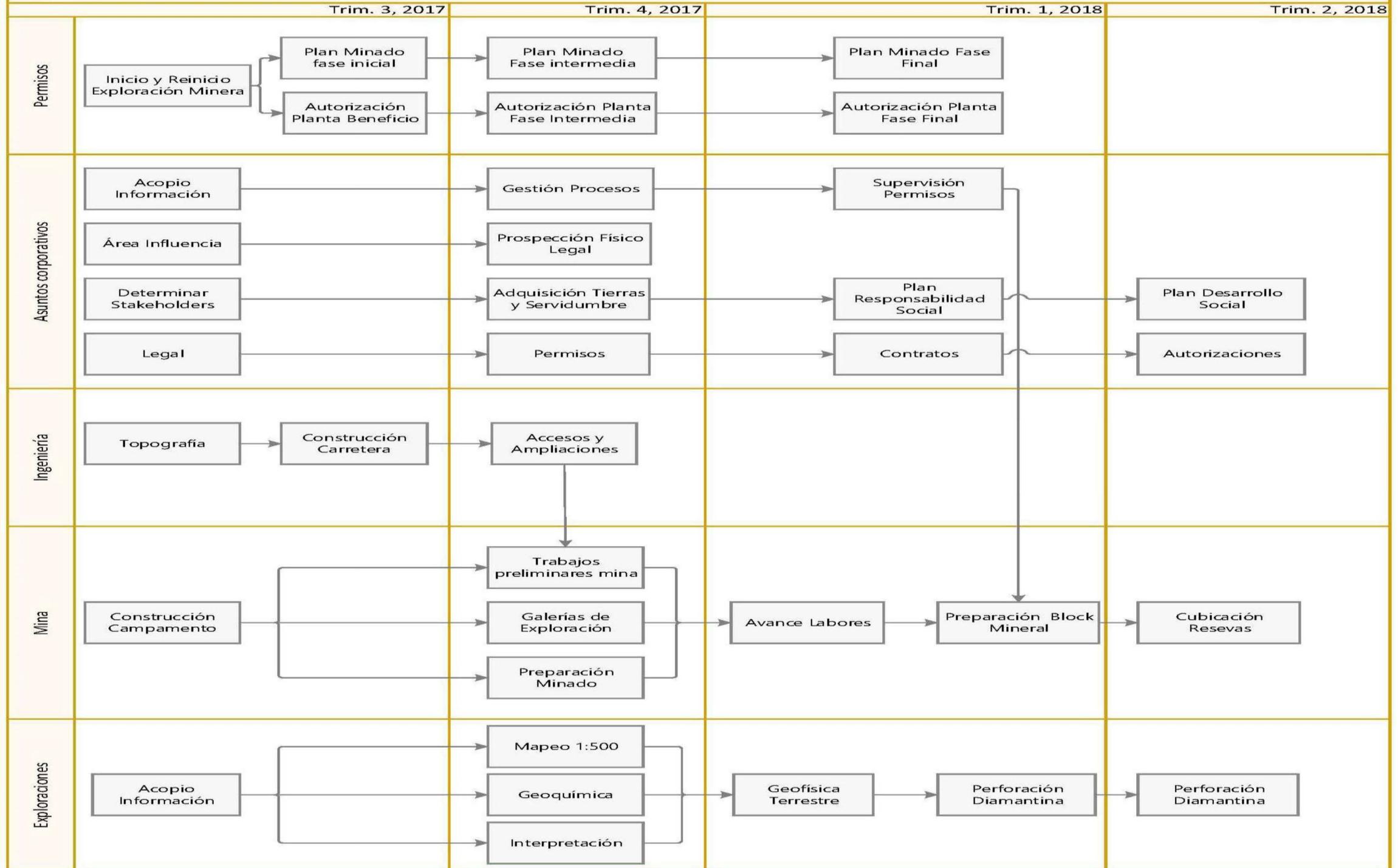
## **TRINIDAD PROJECT**

***Geologica Evaluation  
Investment Project***

***Update October 2020***

# PRELIMINARY PLANNING

Diagrama de Flujo Mina Trinidad



# INVENTORY RESOURCES

# TRINIDA D PROJECT 2020

INVENTARIO DE RECURSOS MINEROS																				
PROYECTO MINA - TRINIDAD																				
INVENTARIO	Recursos medidos					Recursos indicados					Recursos inferidos									
ESTRUCTURA	Mineral	Ley Au	Mineral	Ley Ag	Mineral	Mineral	Ley Au	Mineral	Ley Ag	Mineral	Mineral	Ley Au	Mineral	Ley Ag	Mineral					
	Ton	Oz/t	Au Oz	Oz/t	Ag Oz	Ton	Oz/t	Au Oz	oz/t	Ag Oz	Ton	Oz/t	Au	Oz/t	Ag Oz					
Pipe	7,641.95	0.57	4,355.91	1.57	12,004.38	14,256.00	0.63	8,981.28	1.28	18,265.84	21,384.00	0.75	16,038.00	1.73	37,003.58					
Tres Estrellas	10,314.45	0.71	7,323.26	2.66	27,451.45	17,280.00	0.81	13,996.80	2.08	35,947.64	25,920.00	0.90	23,328.00	1.04	26,989.29					
Chinaque	6,544.91	0.62	4,057.84	2.62	17,169.81	11,880.00	0.73	8,672.40	1.02	12,127.95	17,820.00	0.84	14,968.80	1.06	18,935.38					
Purun	9,113.00	0.13	1,139.40	1.41	12,819.66	13,011.00	0.32	4,173.40	1.09	14,228.41	39,272.00	0.36	14,074.72	2.71	106,403.96					
Maravilla	10,087.00	0.16	1,573.38	1.75	17,623.04	21,037.00	0.74	15,581.10	1.86	39,102.82	31,083.00	0.55	17,067.32	1.39	43,064.86					
Lorenzo	14,437.00	0.36	5,180.99	1.37	19,743.57	13,467.00	0.50	6,671.16	1.58	21,263.22	60,731.00	0.11	6,815.19	1.58	96,209.11					
Fátima	11,878.00	0.94	11,184.94	1.77	20,967.56	23,649.00	0.69	16,335.96	1.88	44,520.99	27,589.00	0.52	14,435.19	1.23	34,040.62					
Conejo	14,538.00	0.13	1,960.88	1.98	28,767.83	22,633.00	0.96	21,734.19	2.76	62,564.80	61,244.00	0.87	53,495.00	2.85	174,413.97					
Balcón	12,744.00	0.34	4,367.30	2.41	30,660.46	17,178.00	0.84	14,383.30	2.74	47,082.91	30,872.00	0.99	30,490.42	2.60	80,153.45					
La Limpia	11,963.00	0.89	10,656.33	1.85	22,101.53	20,882.00	0.95	19,846.42	2.04	42,543.63	47,356.00	0.05	2,474.83	2.89	136,673.53					
Aribalo	9,225.00	0.63	5,855.79	1.10	10,151.66	19,939.00	0.05	1,079.99	1.25	24,989.58	18,269.00	0.97	17,637.79	2.10	38,388.15					
Mario	9,730.00	0.56	5,423.42	1.32	12,826.34	17,453.00	0.25	4,434.81	1.58	27,498.73	23,957.00	0.92	21,923.18	1.68	40,352.24					
El Milagro	11,206.00	0.82	9,137.54	2.95	33,012.34	15,621.00	0.66	10,304.25	1.27	19,798.61	43,997.00	0.76	33,430.61	1.64	71,943.04					
Gregorio	12,844.00	0.01	140.63	1.04	13,387.28	19,823.00	0.80	15,905.80	2.04	40,343.02	39,388.00	0.95	37,428.97	2.34	92,294.99					
Chuspe	11,165.00	0.38	4,283.15	1.67	18,604.95	14,414.00	0.02	294.16	1.79	25,730.32	64,819.00	0.72	46,710.16	1.23	79,796.74					
Chir-Chir	8,872.00	0.74	6,554.59	2.10	18,624.03	13,398.00	0.78	10,435.47	2.96	39,663.67	59,418.00	0.35	20,541.09	2.21	131,528.90					
Prieta	11,453.00	0.84	9,611.30	1.07	12,310.06	11,768.00	0.95	11,128.73	3.00	35,258.58	46,538.00	0.48	22,419.10	2.05	95,411.72					
Peña Blanca	13,216.00	0.12	1,564.43	2.18	28,763.73	16,734.00	0.57	9,466.35	2.15	35,972.67	51,807.00	0.86	44,559.55	2.09	108,354.87					
Ventana	13,183.00	0.40	5,221.87	2.30	30,361.74	11,627.00	0.24	2,790.13	2.31	26,803.73	48,967.00	0.52	25,497.83	2.83	138,750.82					
Fray Martin	13,756.00	0.01	198.81	2.45	33,745.13	20,771.00	0.02	498.93	1.04	21,506.60	67,374.00	0.45	30,500.00	1.31	88,427.31					
Esmeralda	8,264.00	0.33	2,686.04	1.78	14,688.64	12,535.00	0.75	9,384.19	2.00	25,095.76	68,825.00	0.34	23,072.66	1.33	91,314.95					
Halcón	14,374.00	0.93	13,394.25	2.60	37,431.00	18,698.00	0.83	15,527.27	1.58	29,464.34	41,399.00	0.54	22,395.03	2.48	102,728.23					
Base Santa María	9,268.00	0.98	9,097.23	2.67	24,786.52	18,053.00	0.98	17,734.32	2.87	51,771.61	67,392.00	0.99	66,422.08	2.93	197,155.50					
Campana	12,262.00	0.19	2,305.92	1.25	15,341.73	15,888.00	0.74	11,684.93	2.98	47,281.51	38,154.00	0.73	27,794.53	2.24	85,277.24					
Base Campana	12,502.00	0.22	2,693.46	2.60	32,482.25	20,464.00	0.42	8,516.57	1.01	20,718.93	68,006.00	0.83	56,263.74	2.87	195,466.02					
Estrella Ni	12,523.00	0.45	5,573.19	1.26	15,804.25	13,991.00	0.63	8,786.01	1.11	15,571.25	20,713.00	0.29	6,079.46	1.84	38,042.96					
Chita	12,036.00	0.10	1,158.16	1.14	13,696.93	14,114.00	0.69	9,693.73	1.29	18,235.89	69,822.00	0.82	57,276.04	1.56	108,639.59					
Esmeraldita	9,893.00	0.74	7,289.72	2.81	27,752.16	14,439.00	0.15	2,188.47	1.57	22,618.60	37,951.00	0.68	25,810.26	2.91	110,539.58					
<b>TOTAL</b>	<b>1,384,622.31</b>	<b>1,203,169.41</b>	<b>4,037,354.22</b>			<b>251,469.31</b>		<b>143,989.72</b>		<b>603,082.03</b>	<b>401,640.00</b>		<b>280,230.13</b>		<b>865,971.60</b>	<b>731,513.00</b>		<b>778,949.55</b>		<b>2,568,300.59</b>

RECURSO	TONELADAS Ton	ORO Ley (Oz)	PLATA Ley (Oz)
Medido	251,469.31	143,989.72	603,082.03
Indicado	401,640.00	280,230.13	865,971.60
Inferido	731,513.00	778,949.55	2,568,300.59
<b>TOTAL</b>	<b>1,384,622.31</b>	<b>1,203,169.41</b>	<b>4,037,354.22</b>



# ***EXPLOR MINING DISCOVERY***



## **TRINIDAD PROJECT**

***Geologica Evaluation  
Investment Project***

***Update October 2020***