



MATSA Copper Operations Site Tour Information Pack

30 June 2022



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This presentation is authorised for market release by Sandfire's Managing Director and CEO, Mr Karl Simich.

Any information in this presentation that relates to the MATSA Mineral Resource estimate for 2021 is extracted from the report titled '147Mt Mineral Resource sets strong foundation for optimisation and long-term growth at MATSA' released to the Australian Securities Exchange (**ASX**) on 30 June 2022 and is available to view at www.sandfire.com.au and for which Competent Person's consent was obtained. Competent Person's consent remains in place for subsequent releases by the Company of the same information in the same form and context, until the consent is withdrawn or replaced by a subsequent report and accompanying consent.

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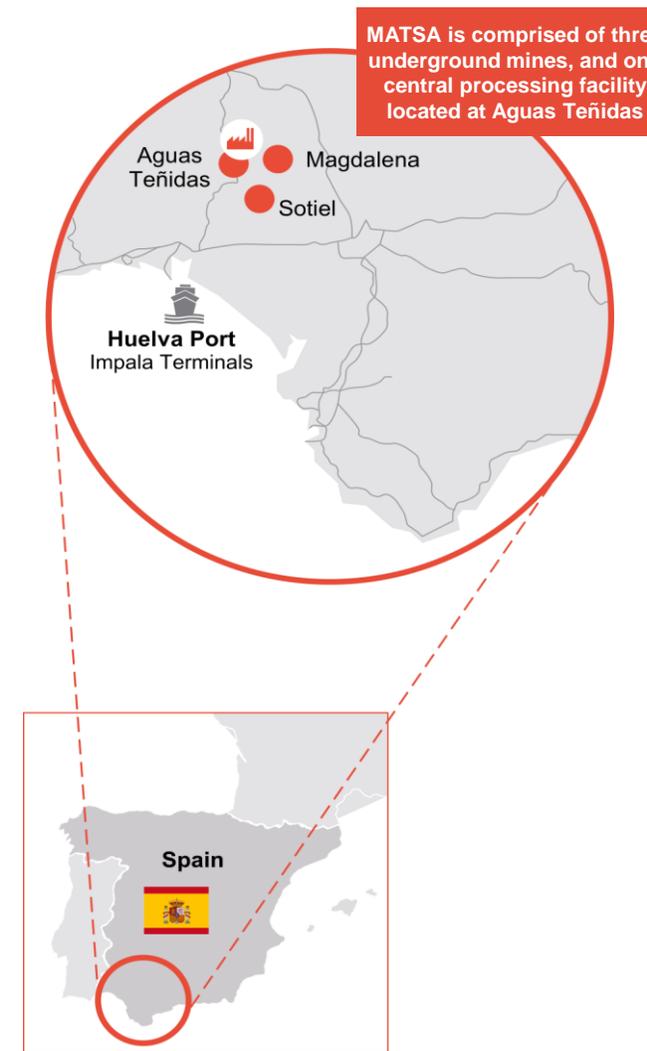
MATSA | A cornerstone copper mining operation in a Tier 1 jurisdiction

Description of MATSA

Ownership	<ul style="list-style-type: none"> 100% Sandfire effective 1 February 2022
Property	<ul style="list-style-type: none"> 43 exploitation concessions covering 53.3km² and application for four additional¹ Three producing mines (Aguas Teñidas, Magdalena and Sotiel) Significant exploration footprint
Mining	<ul style="list-style-type: none"> Underground mining using a combination of longitudinal and transverse longhole open stoping Significant automation and state-of-the-art infrastructure
Processing	<ul style="list-style-type: none"> A world class central processing facility that was expanded to 4.7Mtpa with flexibility to treat cupriferous and polymetallic ore
Infrastructure	<ul style="list-style-type: none"> Close to major towns (Huelva 85km, Seville 130km); access to national power and water utilities; road and port logistics

Key Operating Metrics

Mineral Resources & Ore Reserves²	<ul style="list-style-type: none"> 2022 Resources: 147Mt; 2.1Mt Cu @1.4%, 4.4Mt Zn @3.0%, 1.5Mt Pb @1.0% 2020 Reserves: 36Mt; 0.6Mt Cu @1.8%, 0.9Mt Zn @2.6%, 0.3Mt Pb @0.8%
Mine Life	<ul style="list-style-type: none"> 12 years based on reserves and M&I resources
FY2022 5-month Production guidance (from 1 Feb 2022)	<ul style="list-style-type: none"> Cu: ~27kt; Zn: ~38kt; Pb: ~3kt; Ag: ~1.1Moz contained Payability: Cu 95%, Zn 83%, Pb 88%, Ag 61%
FY2022 Cost guidance (from 1 Feb 2022)	<ul style="list-style-type: none"> C1 USD0.98/lb Cu payable (net of by-product) Gross operating costs USD3.11/lb Cu payable USD32m underground development, USD11m sustaining capital



MATSA | Three mines and a central processing facility

Aguas Teñidas Mine	
Commercial Production ¹	• 2009
Ore Type	• Cupriferous, stockwork & polymetallic
Mining Method	• Transverse open stoping with paste backfill
Mining rate	• ~2.0Mtpa ore
Mineral Resources ²	• 51.3Mt; 0.7Mt Cu @1.1%, 1.5Mt Zn @3.3%, 0.5Mt Pb @0.9% (2022)
Ore Reserves ²	• 14.5Mt; 0.2Mt Cu @1.3%, 0.4Mt Zn @2.8%, 0.1Mt Pb @0.8% (2020)
Max Current Depth	• 800m

Magdalena Mine	
Commercial Production	• 2015
Ore Type	• Cupriferous, stockwork & polymetallic
Mining Method	• Bottom-up longhole open stoping with unconsolidated rockfill
Mining rate	• ~2.2Mtpa ore
Mineral Resources ²	• 25.2Mt; 0.6Mt Cu @2.4%, 0.8Mt Zn @2.8%, 0.2Mt Pb @0.8% (2022)
Ore Reserves ²	• 18.1Mt; 0.4Mt Cu @2.2%, 0.5Mt Zn @2.5%, 0.1Mt Pb @0.7% (2020)
Max Current Depth	• 680m

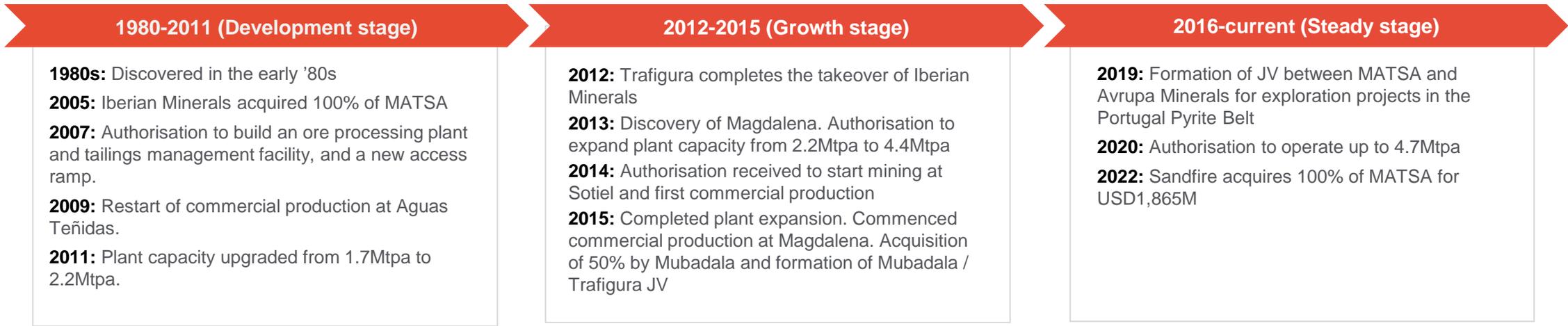
Sotiel mine	
Commercial production	• 2014
Ore type	• Cupriferous & polymetallic
Mining method	• Bottom-up longhole open stoping with unconsolidated rockfill
Mining rate	• ~0.5Mtpa ore
Mineral Resources ²	• 51.0Mt; 0.6Mt Cu @1.1%, 1.6Mt Zn @3.3%, 0.7Mt Pb @1.4% (2022)
Ore Reserves ²	• 3.4Mt; 0.05Mt Cu @1.4%, 0.1Mt Zn @2.3%, 0.03Mt Pb @1.0% (2020)
Max current depth	• 400m

Central processing facility	
Throughput	• 4.7Mtpa (capacity)
Recovery	<ul style="list-style-type: none"> • Cu (cupriferous): 87% • Cu (polymetallic): 72% • Zn: 76% • Pb: 19%
Products	<ul style="list-style-type: none"> • Cu, Zn, Pb concentrate (polymetallic ore) • Cu concentrate (cupriferous ore)

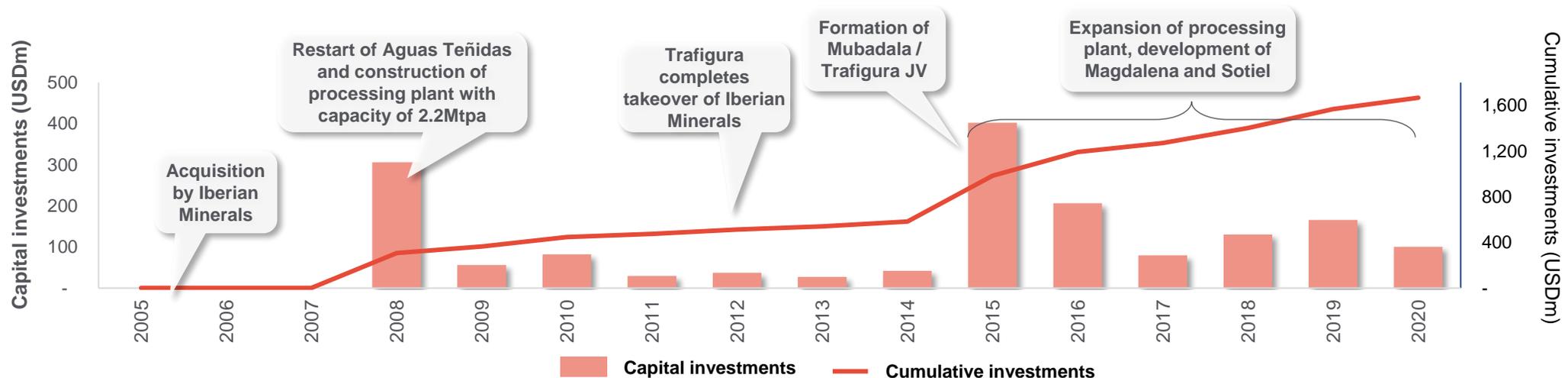


Notes: (1) This is the first time commercial production was achieved by MATSA (2) Refer to ASX release dated 23 September 2021 "Transformational Acquisition of the MATSA Mining Complex" for Ore Reserves and ASX release dated 30 June 2022 "147Mt Mineral Resource sets strong foundation for optimisation and long-term growth at MATSA".

Asset History | USD1.7B of capital invested since 2005



Capital Investment Over time



MATSA | A first class mining operation

First class infrastructure well capitalised and maintained

- Modern, well-invested and well-maintained mine and processing plant infrastructure
- State-of-the-art paste backfill plants located at Aguas Teñidas and Magdalena mines. Maximises ore extraction and minimises environmental impact
- Well designed and low impact tailings storage, ~50% of tailings directed to paste plants. Active Tailings Management Facility (“TMF”) monitoring with zero effluent discharge.
- Modern, automated ventilation control reducing operating costs
- Reduced water loss

Significant investment into automation and technology platform

- Commitment to automation and technology at both mine and processing plant
- Underground Wi-Fi installed at Aguas Teñidas and Magdalena mines
- Well-established Mine Operations Center (“MOC”) at Aguas Teñidas and Magdalena
- Best-in-class hardware systems in place

Modern mine planning and exploration

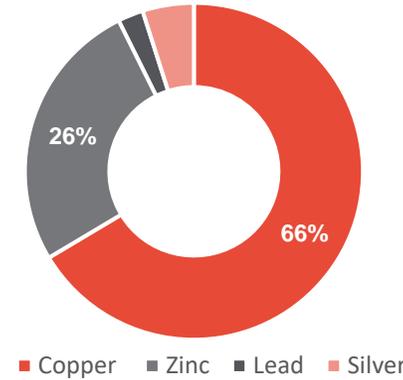
- Mine planning based on industry best practices. Block model based on extensive drilling database and knowledge of the orebodies comprising the three mines. Mine planning approach that maximises utilisation of the assets. NSR-based optimisation process best suited to polymetallic base metal orebodies
- Fertile exploration opportunity
 - Disciplined and innovative approach to exploration, combining geological expertise with modern geochemistry and geophysics
 - Dedicated and experienced exploration team
 - Relatively modest ~USD100m invested on exploration since 2006, yet this yielded the discovery of Magdalena

MATSA | Large-scale operation with a proven track record

Key Statistics

- ~100ktpa Cu-eq. production
- In production for more than 10 years
- Stable operating track record since plant expansion in 2015
- USD1.7bn capital invested since 2005

Copper is the dominant value driver⁽¹⁾

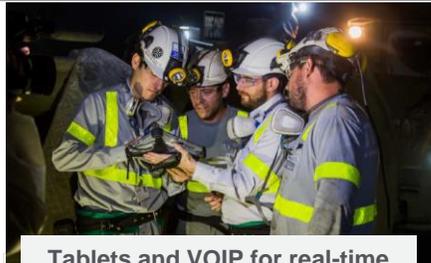


MATSA's unique capabilities focused on continuous Innovation with strong path forward to enhance digitisation footprint



Centralised Control Room

- Successfully implemented Mine Operations Control ("MOC") with digital communication and advanced emergency response hub



Tablets and VOIP for real-time communications

- Virtual face-to-face communication, connecting management to the frontline (MATSA and Contractors)
- Best practice systems (SCADA, PITRAM)



Mine teleremote technology

- 9x loaders and 5x drills equipped with teleremote capability and significant productivity improvements between shifts
- Simulation equipment for integrated operator training



Plant automation

- Automated SAG mill control, reagent dosing and samplers for metallurgical accounting
- XRF and PSI for real-time on-stream analysis

MATSA | Large existing resource base with significant exploration potential

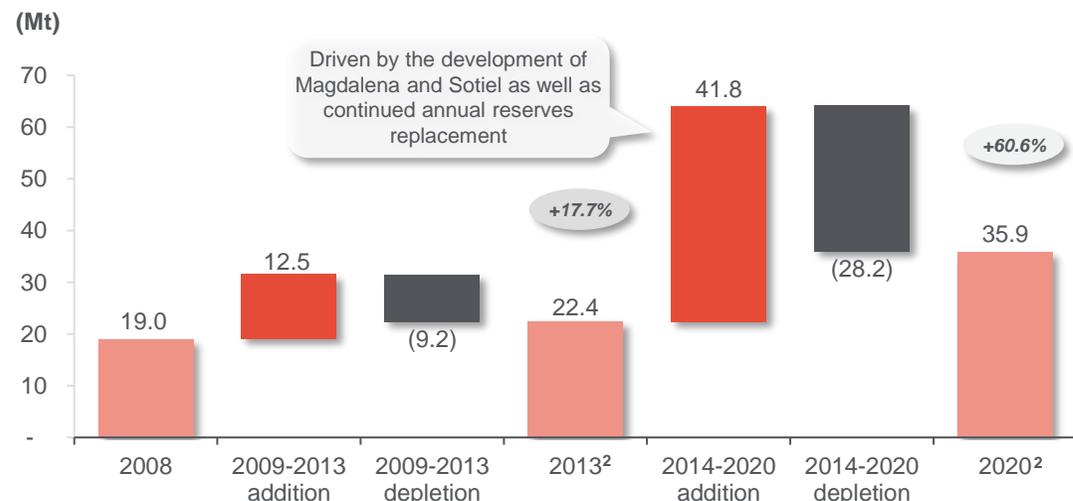
Substantial existing resource base ¹

Material Type	Class	Mt	NSR (\$/t)	Cu (%)	Zn (%)
Polymetallic	Measured	58.6	142.5	1.3	4.7
	Indicated	15.0	116.7	1.1	4.3
	Inferred	20.5	103.2	1.2	3.9
Cupriferous	Measured	17.8	146.0	2.3	0.4
	Indicated	6.2	118.3	1.9	0.3
	Inferred	13.5	98.3	1.6	0.3
Stockwork	Measured	8.3	68.9	1.0	0.1
	Indicated	3.1	83.3	1.2	0.1
	Inferred	4.3	62.4	0.9	0.1
Total Combined Resources	Measured	84.7	136.0	1.5	3.4
	Indicated	24.3	112.8	1.3	2.7
	Inferred	38.2	96.9	1.3	2.2
Total		147.2	122.0	1.8	2.5

Clear exploration strategy

- ~USD100m invested on exploration since 2006
- Dominant landholding in the Iberian Pyrite Belt
- c.1,000km of surface and underground drilling
- Multiple high potential value targets identified

With a track record of successful reserve replacement²



With large identified upside in addition to the existing LOM plan

Step-out drilling	Extensional targets around Aguas Teñidas, Magdalena and Sotiel
Advanced targets	Maiden Mineral Resources at Poderosa and Concepción, located c.18km east of the processing plant
Greenfield targets	Multiple targets in Spain, and VMS deposits in Portugal
Regional JV opportunities	Identified opportunities with neighbouring mines and deposits in Spain

MATSA | Located in a Tier 1 established mining jurisdiction

Spain is an excellent mining location

- EU country
- Established and transparent permitting process
- Attractive fiscal regime: low-income tax and no mineral royalties
- Reliable access to power and water
- World-class logistics
- Supportive local community and local workforce
- Strong labour relations

Key Statistics

Key stats mining sector in Spain (2020)¹

- Total mining operations: 2,629
- Total value of mining production: EUR3.0bn
- Workers employed: 29,319
- Andalusia accounts for 40% of value of mining production in Spain.

In Spain, MATSA holds:

- 43 exploitation concessions covering 53.3km²
- Exploration rights covering 1,256km²

In Portugal, MATSA holds exploration concessions comprising:

- 993km² granted and 467km² pending approval (fully-controlled)
- 114.5km² in JV with Avrupa Minerals

Overview of current mining projects in Spain

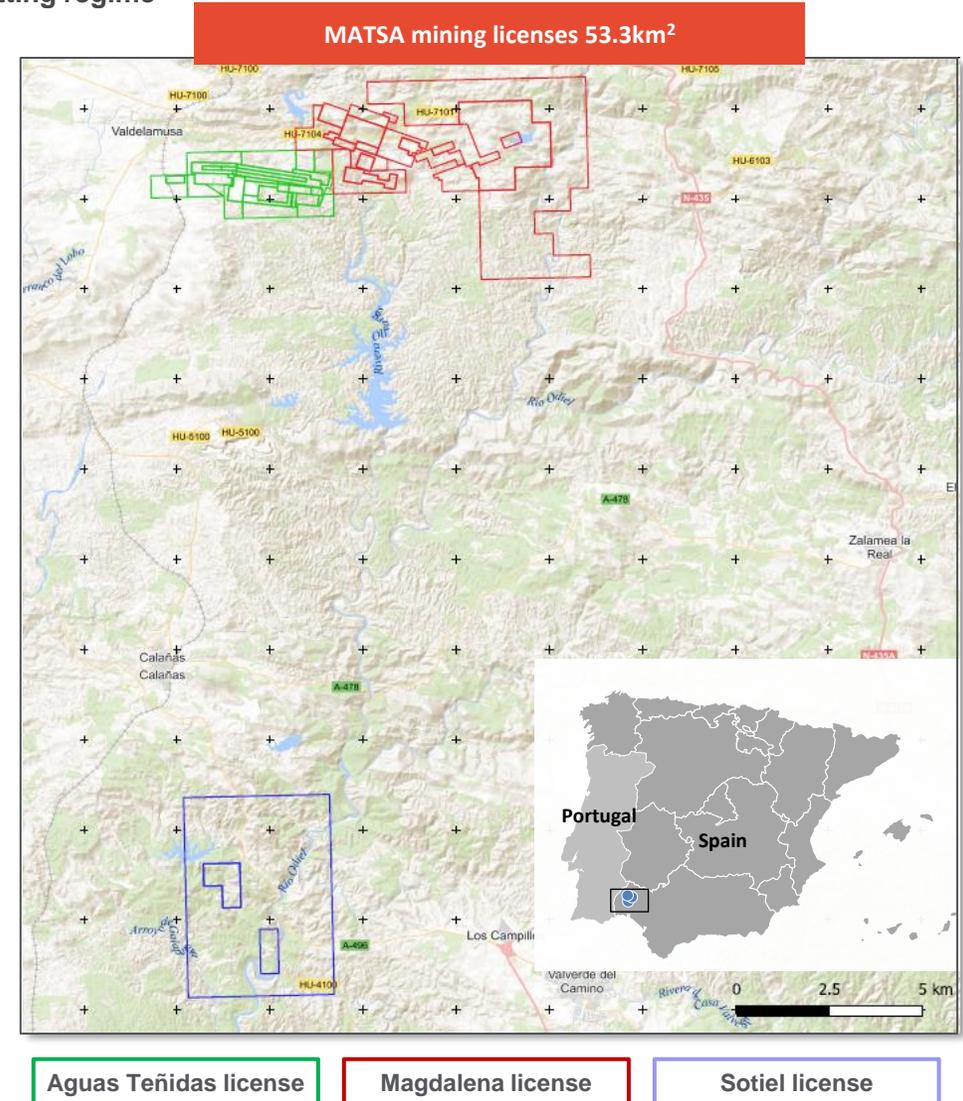


Geology

MATSA | Overview of permits

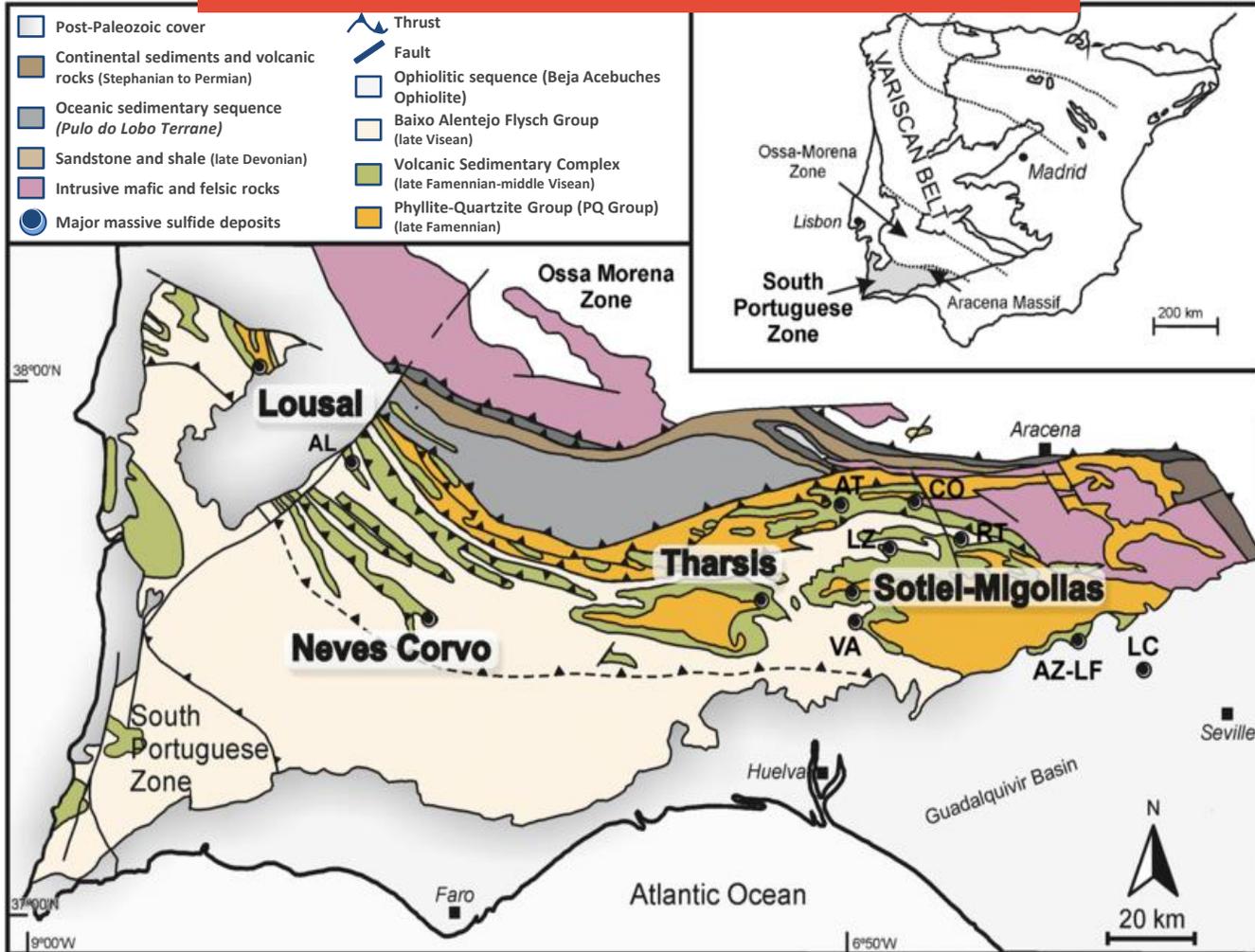
MATSA's operating mines have permits in place until the 2040s. Spain has a clear, well-established permitting regime

Overview	<ul style="list-style-type: none"> MATSA holds 43 exploitation concessions grouped into three mining projects Aguas Teñidas, Magdalena and Sotiel covering 53.3km² and has applied for four additional exploitation concessions In addition, MATSA holds several exploration concessions¹ and environmental permits
Aguas Teñidas	<ul style="list-style-type: none"> 22 mining exploitation concessions covering 7.1km² The concessions have been combined into a single Mining Group “Aguas Teñidas-Herreritos” for operational permitting purposes. Renewed in 2012 for a 30-year period (expiring 31 August 2042)
Magdalena	<ul style="list-style-type: none"> 20 mining exploitation concessions covering 25.9km² divided to two Mining Groups. “Romerita”, composed of only one exploitation concession (Romerita). “Cueva de la Mora”, composed of 19 exploitation concessions All concessions were renewed in 2013 for a 30-year period (expiring 15 January 2043) except for Masa 2 concession (renewed in 2017, expiring 7 July 2046) In the process of registering an additional mining exploitation concession related to a fourth project “Mina Concepción” located east of Magdalena
Sotiel	<ul style="list-style-type: none"> One mining exploitation concession covering 20.3km² Permit renewed in 2015 for a 30 year period (expiring 19 January 2045)
Exploration	<ul style="list-style-type: none"> Exploration concessions in Spain comprise c.1,256km² in the IPB and in Extremadura, the region north of MATSA’s existing operation (all fully-controlled) Exploration concessions in Portugal comprise: <ul style="list-style-type: none"> 993km² granted and 467km² pending approval (fully-controlled) JV with Avrupa Minerals



MATSA | Regional geology of the IPB

Geological Map of IPB

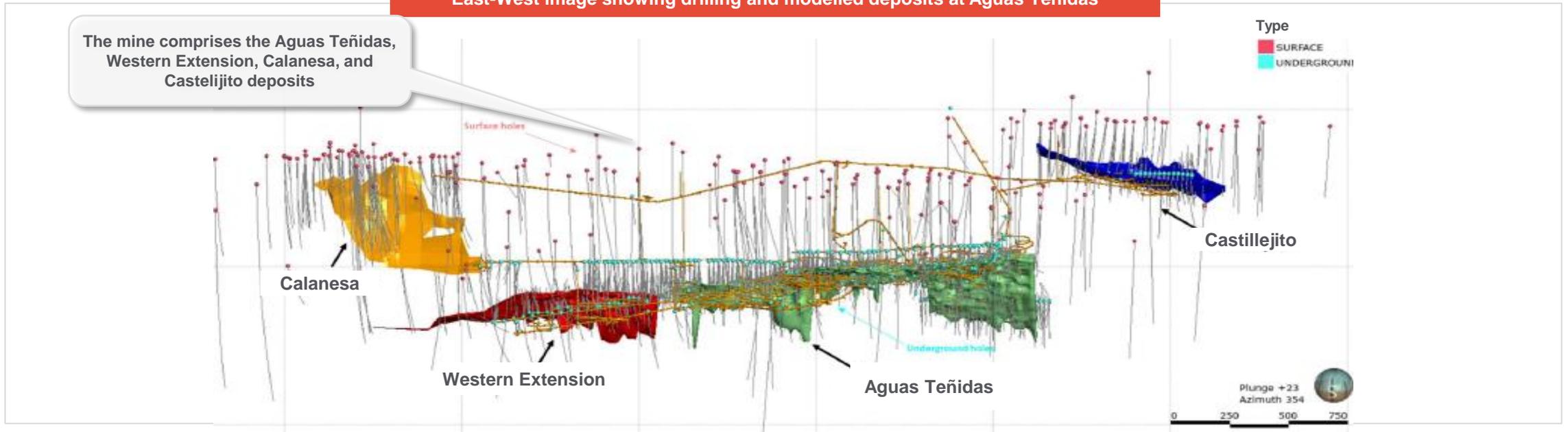


Key Points

- MATSA deposits are located along the Iberian Pyrite Belt (“IPB”), a zone of mineralisation that extends over an area roughly 230km in length and 40km in width, between Seville (Spain) and Lisbon (Portugal)
- The IPB is one of the largest and most important VMS metallogenic provinces in the world and is characterised by giant and supergiant base metal deposits
- More than a dozen active and historic mines are located within the IPB alongside MATSA, e.g., the RioTinto, La Zarza, and Neves Corvo mines
- The three MATSA mines are located along an east-west striking chain of VMS deposits in the IPB
- Aguas Teñidas and Magdalena mines are located on the northern limb
 - Characterised by massive sulphides hosted in pumice-rich volcanoclastic rocks, located in the marginal areas of volcanic domes
- Sotiel mine is located on the southern limb
 - Characterised by large pyrite-rich, slate-hosted deposits, which are typically strata bound with well-defined stockworks
- Mineralisation at the three MATSA mines is typically strata bound and or structurally controlled sulphide lenses. A copper enriched stockwork system, comprising irregular veins filled by quartz and disseminated sulphides is present on all deposits and have been interpreted as volcanic feeders
- The massive sulphide mineralogy at all three mines is primarily pyrite-chalcopyrite and sphalerite with minor galena. All the deposits have been structurally deformed, post deposition

Aguas Teñidas | Geological Overview

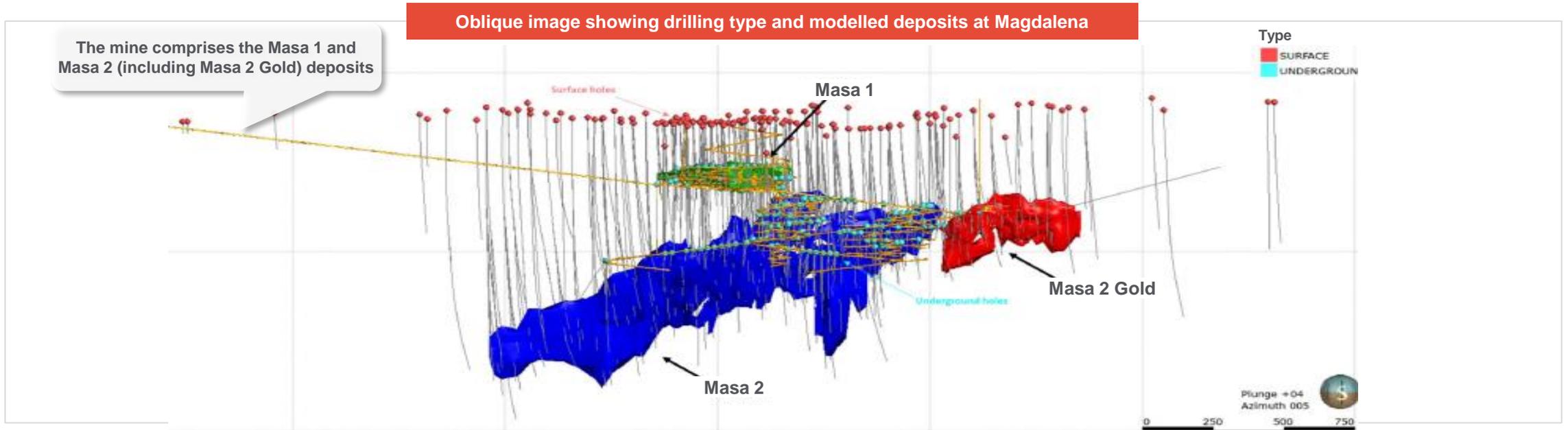
East-West image showing drilling and modelled deposits at Aguas Teñidas



Geology and mineralisation

- Aguas Teñidas is dominated by East-West shear zones
- The deposit comprises four main mineralisation types: polymetallic lead/zinc, massive cupriferous, barren pyrite and a cupriferous stockwork
- The deposits are structurally deformed exhibiting reverse folding and sheared contacts between the massive sulphides and the host rocks
- The northern edge of the deposit is fault bounded by the easterly striking Northern Fault which dips steeply northwards
- **Aguas Teñidas and Western Extension deposits:** pinch to the south and thicken to the north (up to 150m wide)
- **Calanesa deposit:** shares the same footwall stratigraphy as the Aguas Teñidas and Western Extension deposits and is interpreted to be an up-dip extension of the Western Extension mineralisation
- **The Castillejito deposit:** located 750m north-east of the Aguas Teñidas deposit. The mineralisation is deformed by an antiformal recumbent fold and has been defined, by exploration drilling over an 800m strike

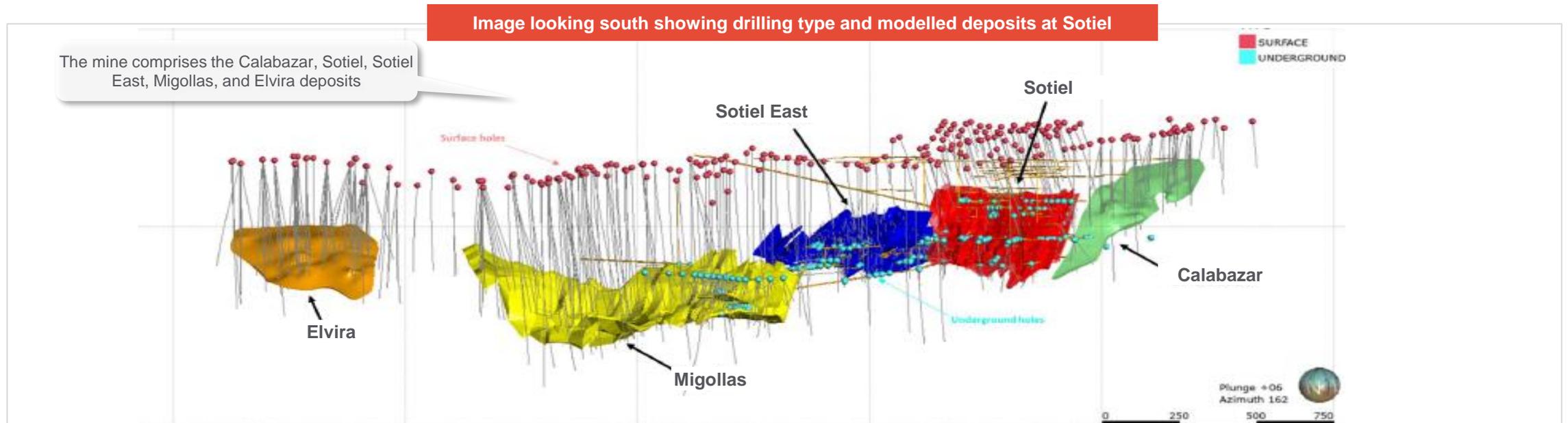
Magdalena | Geological Overview



Geology and mineralisation

- Magdalena is dominated by East-West shear zones
- The deposits comprise two main mineralisation types: polymetallic lead-zinc and massive cupriferous sulphide
- The immediate contacts between the massive sulphides and the host rock units are generally sheared, and the geometry of the mineralisation has been affected by these shears
- Compared to other IPB samples, the Magdalena mineralisation has a higher content of chalcopyrite and sphalerite (higher Cu and Zn grades), and lower pyrite content
- **Masa 1 and Masa 2 deposits:** occur within and generally parallel to, a volcano-sedimentary complex, where the hanging wall is typically rhyolite and the footwall dacite

Sotiel | Geological Overview



Geology and mineralisation

- Three styles of faulting are observed at Sotiel mine:
 - North dipping thrust set (oldest)
 - Shallow north dipping thrust set
 - NNE-SSW trending brittle faults (youngest)
- Mineralisation types occur across the individual deposits: polymetallic, cupriferous and barren massive pyrite
- Main sulphide minerals are pyrite, sphalerite, chalcopyrite and galena
- **Calabazar deposit:** comprises multiple massive sulphide layers hosted within volcanic tuff and shales
- **Sotiel deposit:** comprised of three sulphide lenses, separated by shales
- **Sotiel East deposit:** comprises six sulphide lenses, separated by horizontal to sub-horizontal shales
- **Migollas deposit:** divided into two zones, based on the sulphide mineralogy that is characterised by generally higher copper content, while east is associated with relatively higher zinc and lead content
- **Elvira:** characterised by polymetallic massive sulphide, with some localised high grade copper enrichments

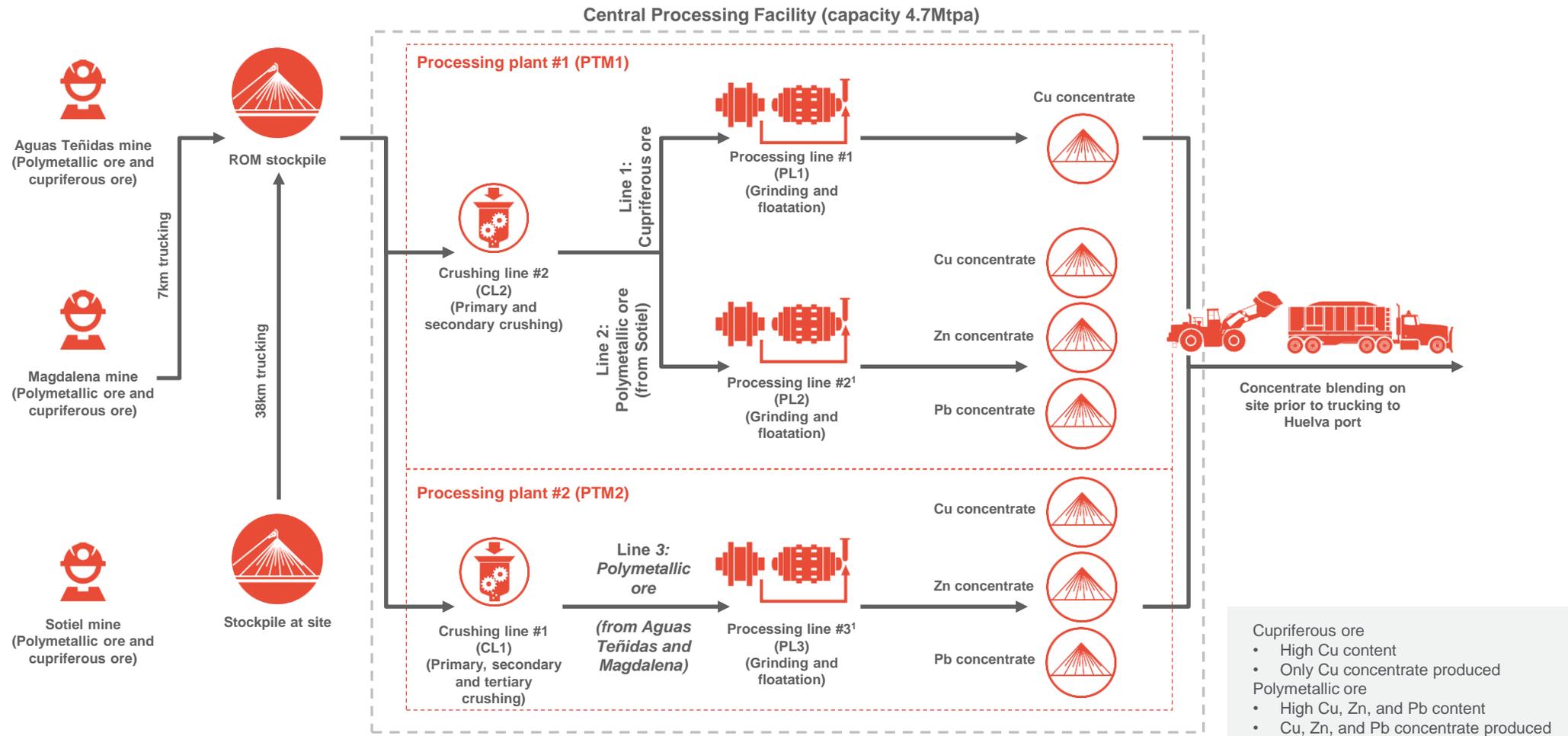
MATSA | Mineral Resources

Deposit	Material Type	Class	Mt	NSR (\$/t)	Cu (%)	Zn (%)	Pb (%)	Ag (g/t)	Cu (kt)	Zn (kt)	Pb (kt)	Ag (koz)
Aguas Teñidas NSR >=\$40.14	Polymetallic	Measured	25.2	148.1	1.2	4.9	1.4	56.8	311	1,238	344	46,046
		Indicated	5.4	147.6	1.1	5.2	1.4	61.3	61	283	78	10,699
		Inferred	2.1	192.5	1.8	5.5	1.2	57.9	37	116	26	3,946
	Cupriferous	Measured	6.5	135.5	2.1	0.4	0.2	29.8	134	28	11	6,195
		Indicated	0.7	131.1	2.0	0.4	0.2	26.2	14	3	1	591
		Inferred	0.4	127.7	2.0	0.4	0.2	38.5	8	2	1	524
	Stockwork	Measured	7.7	68.3	1.0	0.1	-	4.3	78	6	2	1,059
		Indicated	2.8	82.7	1.2	0.1	-	4.4	35	2	1	400
		Inferred	0.4	63.0	0.9	0.1	-	6.1	3	-	-	70
Magdalena NSR >=\$42.62	Polymetallic	Measured	8.6	299.1	3.0	6.3	1.8	82.2	257	547	153	22,796
		Indicated	1.2	217.9	2.1	5.2	1.6	64.2	27	65	19	2,570
		Inferred	1.2	205.7	1.9	5.4	1.7	62.9	23	67	21	2,496
	Cupriferous	Measured	6.7	160.3	2.4	0.2	0.1	13.2	162	11	7	2,844
		Indicated	2.9	124.8	1.9	0.1	0.1	10.5	57	4	3	995
		Inferred	3.5	147.4	2.2	0.1	0.1	12.4	79	4	3	1,398
	Stockwork	Measured	0.6	76.8	1.1	0.4	0.1	13.4	7	2	1	256
		Indicated	0.3	89.6	1.3	0.3	0.1	11.9	4	1	-	110
		Inferred	0.0	46.4	0.7	0.1	-	2.2	-	-	-	3
Sotiel NSR >=\$50.02	Polymetallic	Measured	24.8	82.2	0.9	4.0	1.7	43.5	211	999	428	34,666
		Indicated	8.3	81.1	1.0	3.6	1.5	44.3	81	298	124	11,800
		Inferred	10.4	69.0	0.9	3.2	1.4	37.7	93	337	145	12,565
	Cupriferous	Measured	4.6	140.1	2.3	0.6	0.3	34.3	105	30	14	5,128
		Indicated	2.5	107.1	1.8	0.5	0.2	31.6	45	12	6	2,577
		Inferred	0.3	98.6	1.6	0.6	0.4	30.9	6	2	1	333
Projects Combined Resources NSR >=\$50.02	Combined	Inferred	19.8	85.4	1.2	1.6	0.6	27.6	246	324	123	17,580
Total Combined Resources	Combined	Measured	84.7	136.0	1.5	3.4	1.1	43.7	1,265	2,862	961	118,990
		Indicated	24.3	112.8	1.3	2.7	1.0	38.1	323	667	232	29,742
		Inferred	38.2	96.8	1.3	2.2	0.8	31.7	496	852	320	38,916
		Grand total	147.2	122.0	1.4	3.0	1.0	39.6	2,085	4,381	1,513	187,647

Mining Operations

MATSA | Simplified mining and processing flow sheet

The three underground mines feed a central processing facility containing two crushing lines and three grinding/flotation lines



Note:

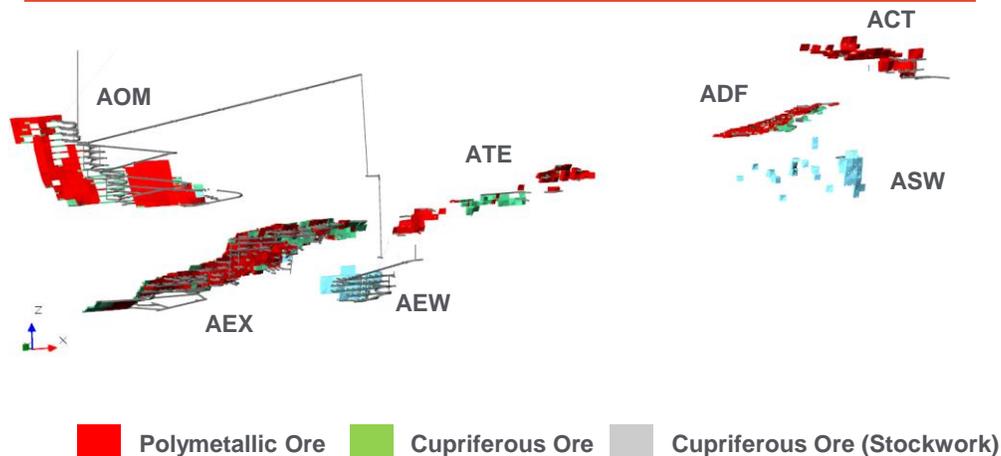
(1) Processing lines #2 and #3 have been designed to process both cupriferous and polymetallic ores and can be reconfigured depending on ore availability and blend

Aguas Teñidas | Overview

Design parameters

Principal mining method	<ul style="list-style-type: none"> Transverse open stoping with paste backfill
Max Depth	<ul style="list-style-type: none"> 800m
Access	<ul style="list-style-type: none"> Two access ramps: transportation ramp, service ramp
Ventilation	<ul style="list-style-type: none"> Fresh air is provided through two access declines and a ventilation raise Air is exhausted out of the mine through three raises
Stope dimensions	<ul style="list-style-type: none"> 20m width, 20-25m height, 30-50m length
Backfill	<ul style="list-style-type: none"> Paste plant located on surface Raw materials are tailings from process plant Throughput: 200 to 250 tph (90 to 113 m³/hr) Cement content varies between 3.5%-4.0% for primary stopes and 2.0%-2.5% for secondary stope

Aguas Teñidas longitudinal section ore type



Mining activities

- Mining activities are split between owner and contractor mining and operate on a 3x seven-hour shift pattern with c.150 workers underground on each shift seven days a week
 - MATSA employees and equipment undertake most mine production activities
 - Mining contractor mainly responsible for 35% of the horizontal development
 - Additional contractors engaged for other auxiliary/support activities, e.g., raise boring, equipment maintenance and underground construction
 - Underground communications include a digital radio and WiFi network
 - Upgrade of PITRAM remote fleet management control system underway
- ROM ore and waste materials hauled up to surface via transport ramp using 40t trucks that are loaded underground by load-haul-dump machines. On surface, ore is designated into stockpiles according to ore type and processing plant feed line
- Paste is delivered to the mine through a borehole and underground reticulation

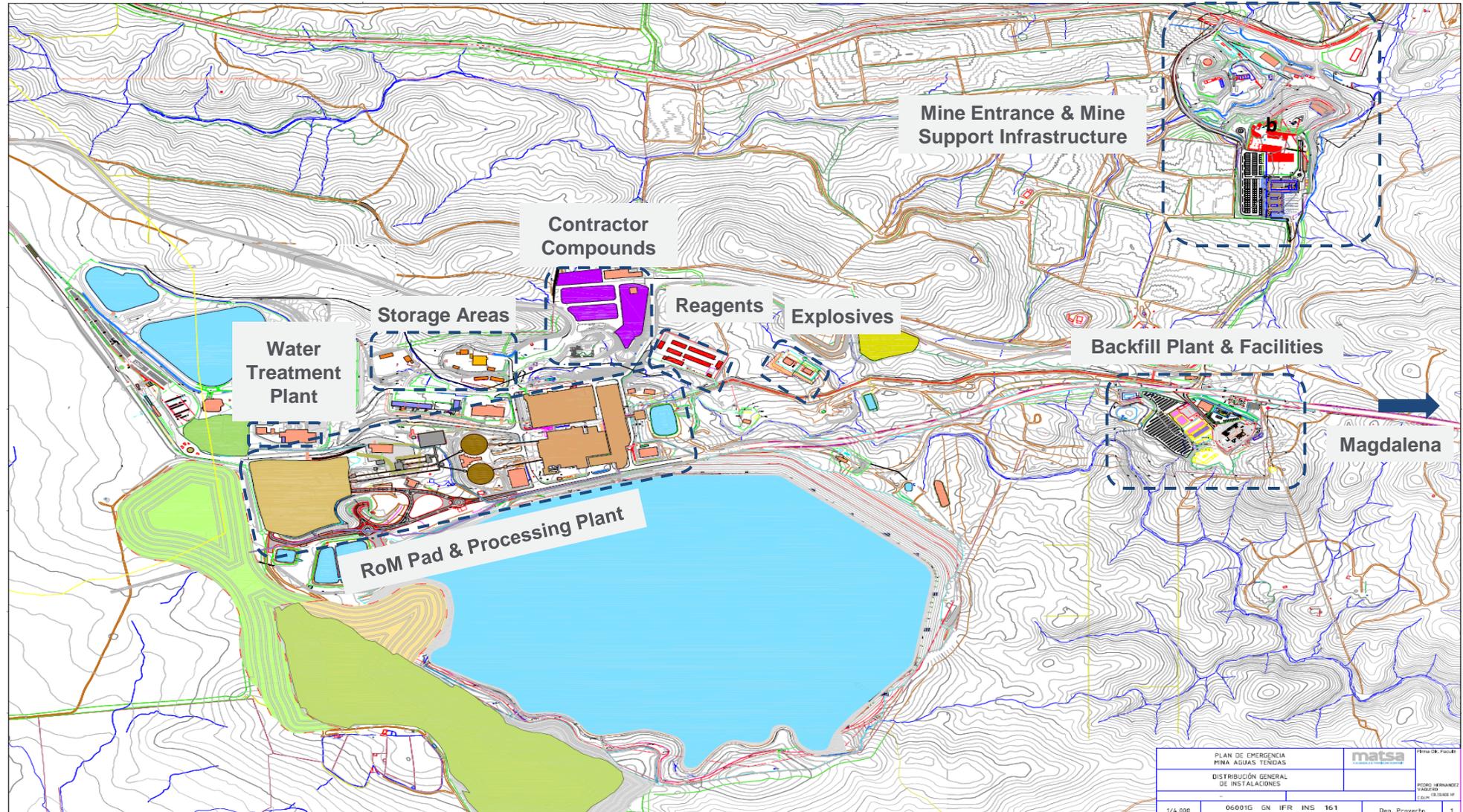
Recent operating history

	2018	2019	2020	2021	2022 ¹
Polymetallic ore mined (kt)	698	780	667	882	349
Cupriferous ore mined (kt)	1,262	1,017	1,023	926	142
Polymetallic head grade (% Cu)	1.2%	1.0%	1.3%	1.2%	1.6%
Polymetallic head grade (% Zn)	3.8%	3.2%	3.6%	2.4%	3.2%
Cupriferous head grade (% Cu)	1.8%	1.4%	1.1%	1.5%	1.5%
Waste mined ¹ (kt)	600	487	481	432	122
Total development (m)	11,105	10,993	9,315	8,164	2,506

Aguas Teñidas | Aerial View



Aguas Teñidas | Overview of key infrastructure

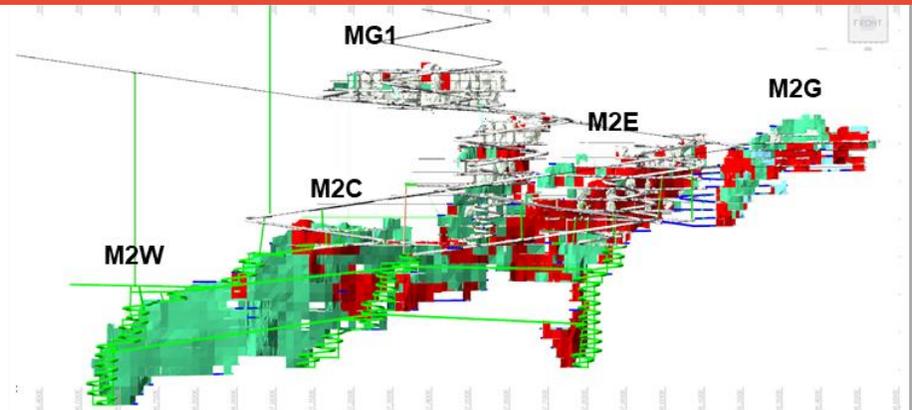


Magdalena | Overview

Design parameters

Principal mining method	<ul style="list-style-type: none"> Bottom-up transverse open stoping with paste backfill expected to transition to longitudinal retreat uphole stoping as the orebody narrows at depth
Max Depth	<ul style="list-style-type: none"> 680m
Access	<ul style="list-style-type: none"> Two access ramps: transportation ramp, service ramp
Ventilation	<ul style="list-style-type: none"> Fresh air provided through two access declines and two fresh-air ventilation raises Air is exhausted out of the mine through three raises
Stope dimensions	<ul style="list-style-type: none"> 20m width, 20-25m height, 30-50m length
Backfill	<ul style="list-style-type: none"> Paste plant located on surface Raw materials are tailings from process plant Throughput: 180 to 200 tph (82 to 92 m3/hr) Cement content varies between 3.5%-7.0% for primary stopes and 2.0%-2.5% for secondary stope

Magdalena longitudinal section ore type



■ Polymetallic Ore
 ■ Cupriferous Ore
 ■ Cupriferous Ore (Stockwork)

Mining activities

- Mining activities are split between owner and contractor mining and operate on a 3x seven-hour shift pattern with c.115 workers underground on each shift seven days a week
- MATSA employees and equipment undertake most ore production activities
- Mining contractor mainly responsible for horizontal development and haulage
- Additional contractors engaged for other auxiliary/support activities, e.g., raise boring, equipment maintenance and underground construction
- Underground communications include a digital radio and WiFi network
- Upgrade of PITRAM remote fleet management control system underway
- ROM ore and waste materials hauled up to surface via transport ramp using 40t trucks that are loaded underground by load-haul-dump machines. On surface, ore is designated into stockpiles according to ore type and processing plant feed line
- Ore trucked 7km directly to processing plant at Aguas Teñidas via a private road
- Paste is delivered to the mine through a borehole and underground reticulation

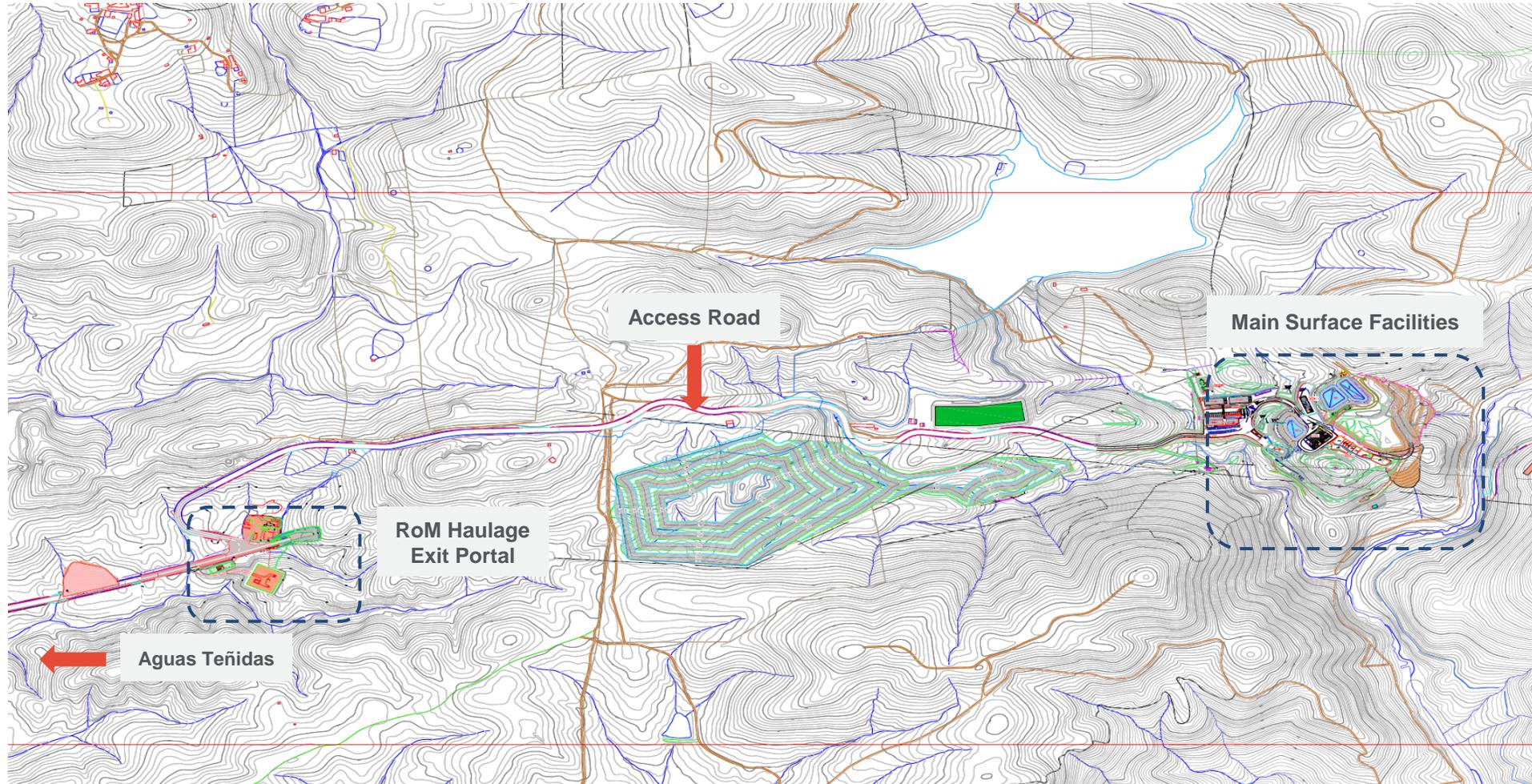
Recent operating history

	2018	2019	2020	2021	2022 ¹
Polymetallic ore mined (kt)	1,346	1,165	1,499	1,660	352
Cupriferous ore mined (kt)	565	865	567	376	176
Polymetallic head grade (% Cu)	2.9%	2.9%	2.7%	2.7%	2.8%
Polymetallic head grade (% Zn)	5.8%	6.0%	5.2%	5.6%	5.1%
Cupriferous head grade (% Cu)	3.2%	2.9%	3.1%	2.5%	2.0%
Waste mined ¹ (kt)	668	690	560	322	118
Total development (m)	10,905	11,626	10,545	8,456	1,793

Magdalena | Aerial View



Magdalena | Overview of key infrastructure



Sotiel | Overview

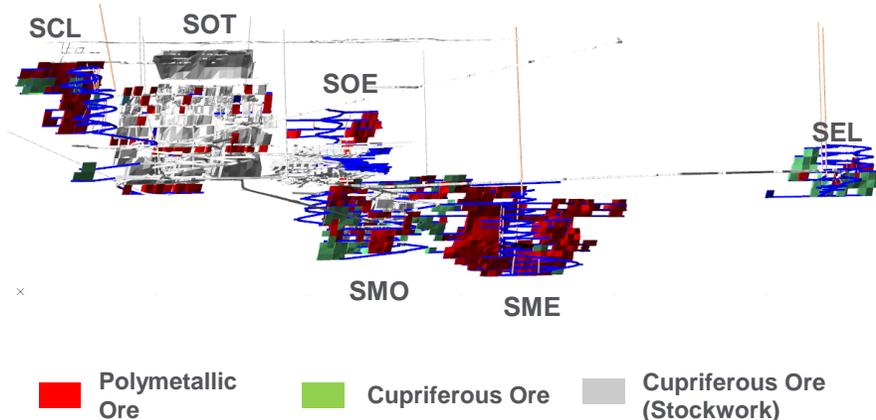
Design parameters

Principal mining method	<ul style="list-style-type: none"> Bottom-up longhole open stoping with unconsolidated rockfill and cemented rockfill
Max Depth	<ul style="list-style-type: none"> 400m
Access	<ul style="list-style-type: none"> Single decline used as decline is used as transportation and service ramp Secondary access (emergency egress) is via a conveyor drift
Ventilation	<ul style="list-style-type: none"> Fresh air provided through a decline, conveyor ramp and fresh air raise Air exhausted out of the mine through two ventilation raises
Stope dimensions	<ul style="list-style-type: none"> 25m width, 20-30m height, 30-70m length
Backfill	<ul style="list-style-type: none"> Rib pillars of c.8m width are left between comprising mine development waste rock

Mining Process overview

- All mining activities are undertaken by mining contractor and operate on a 3x seven-hour shift pattern with c.40 workers underground on each shift seven days a week
 - MATSA staff based locally at Sotiel mine site to manage the operations
 - Underground communications are by a radio network
- ROM ore and waste materials hauled up to surface via transport ramp using 40t trucks that are loaded underground by load-haul-dump machines
- On surface, ore is delivered to stockpiles according to ore type
- Ore trucked 38km directly to processing plant at Aguas Teñidas using a local trucking contractor

Sotiel longitudinal section ore type



Recent operating history

	2018	2019	2020	2021	2022 ¹
Polymetallic ore mined (kt)	437	477	432	350	79
Cupriferous ore mined (kt)	-	-	-	108	28
Polymetallic head grade (% Cu)	0.8%	0.8%	0.8%	0.7%	1.3%
Polymetallic head grade (% Zn)	4.2%	3.5%	4.1%	4.4%	3.3%
Cupriferous head grade (% Cu)	-	-	-	3.2%	2.8%
Waste mined (kt)	-	-	-	-	-
Total development (m)	1,778	3,516	2,007	2,830	791

Sotiel | Aerial View



Sotiel | Overview of key infrastructure

Sotiel surface facilities layout



MATSA | Paste Plants

Overview

- MATSA has separate state-of-the-art paste backfill plants located at the Aguas Teñidas and Magdalena mines
- Mined stopes at Aguas Teñidas and Magdalena are backfilled with a paste material produced from tailings waste material (handles ~50% of tailings dependent upon underground requirements) sourced from the processing facilities, and mixed with cement binder
 - Minimises environmental impact of the surface waste rock
 - Allows greater recovery of reserves safely
- The tailings utilised for paste fill at the Magdalena mine are transported through a 7km overland pipeline from the processing facilities
- Paste fill is delivered to the mines through raise bore holes in 8" steel pipes, reducing to 6" in the deeper zones, and then through underground pipeline reticulation to the mining area
- Average paste backfill rate capacity:
 - 200-250t/h (90 to 113 m³/hr) at Aguas Teñidas
 - 180-200t/h (82 to 92 m³/hr) at Magdalena
- Cement content in paste fill: varies from 3.5-7.0% in primary stopes and 2.0-2.5% in secondary stopes
- At the Sotiel mine, paste fill is not employed. Rib pillars of 8m width are left between the stopes to provide stability. The backfill is mine development waste rock. Studies are being completed to assess the feasibility of changing to cemented rockfill to eliminate the need for pillars

Paste Plants



Processing



Processing | Overview

All ore is processed at a Central Processing Facility to produce copper, zinc and lead concentrates

Overview

- A Central Processing Facility located at Aguas Teñidas treats ore from all three mine sites and has a capacity of 4.7Mtpa
- The processing complex consists of two processing plants (PTM1 and PTM2) which contain two crushing lines (CL1 and CL2) and three processing lines (PL1, PL2, PL3)
- The processing lines have been designed to process both cupriferous and polymetallic ores¹ and can be reconfigured depending on the ore availability and blend
- PTM1 commenced operation in 2009 and PTM2 commenced operation in 2015
- Crushed ore is fed via conveyor belt into the grinding circuit. The overall objective of the grinding circuit is to produce a milled product size of c. 80% passing 30micron (Line 2) and 40micron (Line 1 & 3) for flotation purposes
- Current process configuration²
 - Line 1: Cupriferous ore (based on PTM1 and using CL2)
 - Line 2: Polymetallic ore from Sotiel (based in PTM1 and using CL2)
 - Line 3: Polymetallic ore from Aguas Teñidas, Magdalena (based in PTM2 and using CL1)

Products

- PL1 produces a copper concentrate
- PL2 and PL3 produce copper, zinc and lead concentrates
- Copper concentrates are blended on-site ahead of export

Tailings processing

- Combined tailings fed through deep cone thickener and pumped to paste plant
- ~50% of thickened tailings combined with cement for underground paste fill
- Remaining tailings pumped to surface paste deposit for permanent storage in lined paste storage facility
- Process water is recycled together with dewatering from mine and TMF. Fresh water makes up 25% of process requirements and is sourced from a local dam 8km from the plant. Process and tailings discharge zero effluent

Processing plant at Aguas Teñidas



Processing | Recent performance

Consistent recent performance meeting 4.7Mtpa capacity and delivering steady metal recoveries

Milling

	2018	2019	2020	2021	2022 ¹
Polymetallic ore mined (kt)	2,560	2,420	2,594	2,843	1,103
Cupriferous ore mined (kt)	1,777	1,879	1,592	1,387	359
Total ore treated (kt)	4,337	4,299	4,186	4,230	744

- Multiple improvements to process plant in 2020 expanded nominal capacity from 4.4Mtpa to 4.7Mtpa
- All lines have demonstrated the ability to operate at the nominal feed rates
- World-class plant availability c.97% and overall plant utilisation of c.94-96%

Concentrate grade and metal recoveries

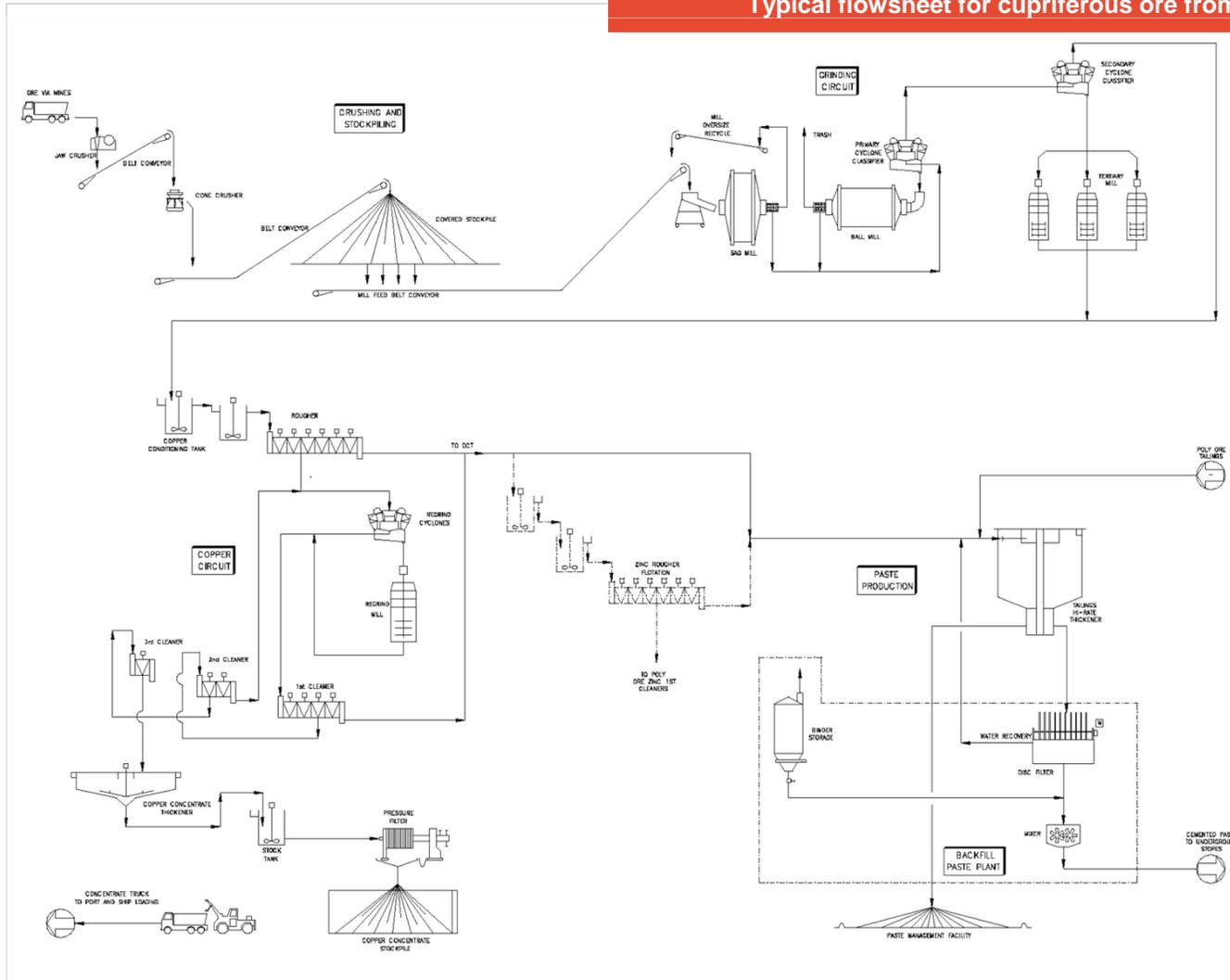
	2018	2019	2020	2021	2022 ¹
Polymetallic conc grade (% Cu) ²	21.3%	21.5%	20.7%	20.1%	19.7%
Polymetallic conc grade (% Zn)	48.0%	48.0%	47.5%	47.6%	46.9%
Polymetallic conc grade (% Pb)	26.6%	25.5%	25.1%	22.5%	21.6%
Cupriferous conc grade (% Cu) ¹	23.6%	23.2%	22.4%	21.7%	22.0%
Polymetallic recovery (% Cu)	71.5%	71.3%	71.5%	70.6%	70.5%
Polymetallic recovery (% Zn)	74.2%	74.4%	72.8%	71.7%	71.2%
Polymetallic recovery (% Pb)	30.2%	33.7%	29.2%	27.2%	26.1%
Cupriferous recovery (% Cu)	90.4%	90.2%	89.1%	86.1%	85.8%

Key investments underpinning 4.4 to 4.7Mtpa capacity:

- Flotation kinetics via optimisation of reagents per ore type
- Conditioner efficiency
- Flotation configuration (rougher, cleaner, scavenger) of processing line #2 and processing line #3 for optimised polymetallic processing
- Installation of expert system control to maximise SAG mill energy and instantaneous throughput
- Installation of scalpers in processing line #3
- Design and installation of internal launders in processing line #3
- Installation of VisioFroth control
- Primary cyclone optimisation in both processing plant #1 and processing plant #2
- Optimisation of crushed size distribution in processing line #3 (-7mm) and improved efficiency of the primary cyclones Optimisation of ball sizes in all grinding stages.

Detailed flow sheet | Process Line 1 (“PL 1”)

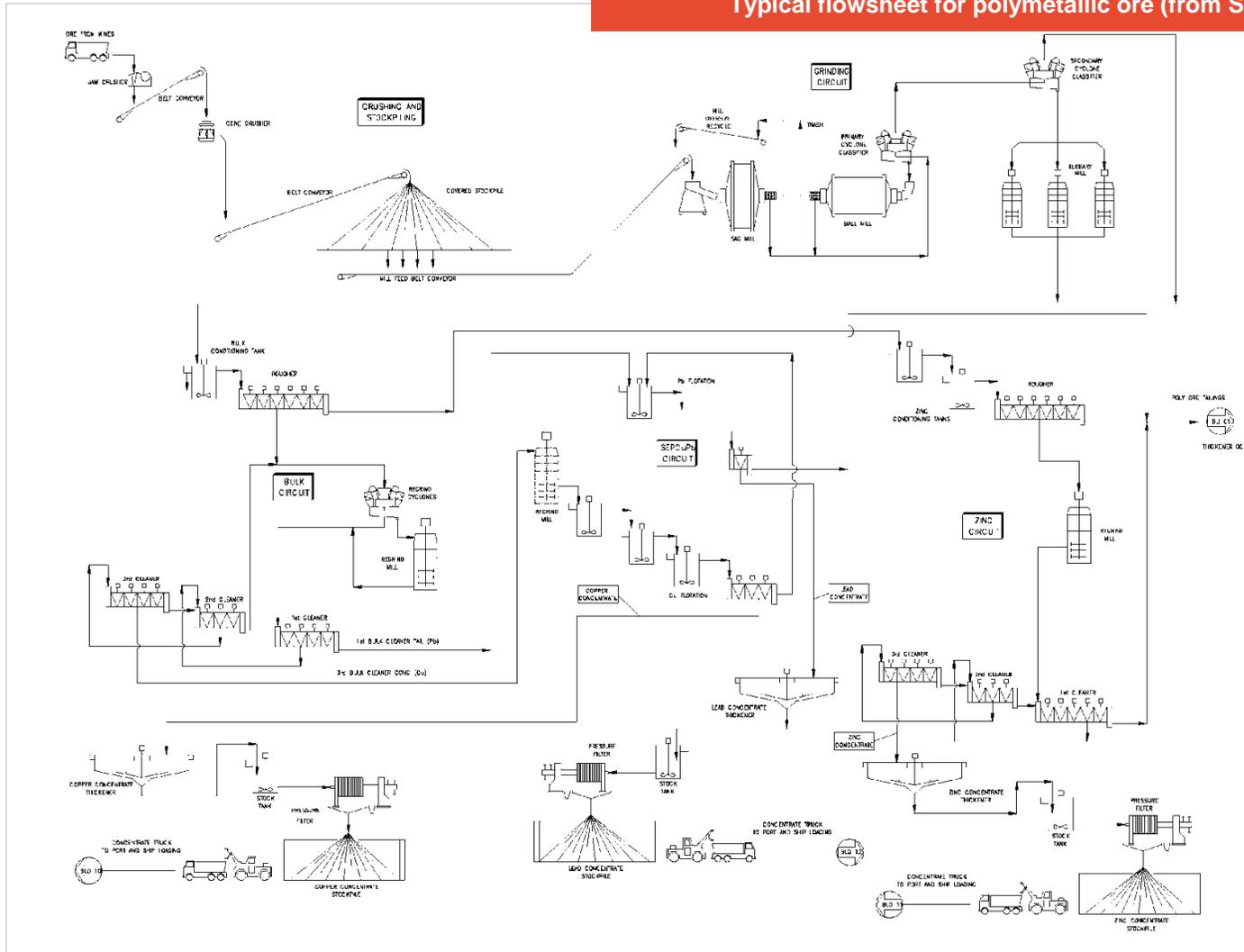
Typical flowsheet for cupriferous ore from all mines



- PL1 is configured to treat cupriferous ore where Cu grade/Zn grade is >1.7% and Zn grade is <2.5% Zn
- The circuit features the following basic elements:
 - Two stage crushing
 - SAG mill, with oversize trommel and coarse recycle
 - Secondary ball mill
 - Tertiary mills (3), product P80 of 50-60µm
 - Cu rougher flotation
 - Rougher concentrate regrind (Zn regrind), product P80 of 25µm
 - Copper concentrate cleaner flotation (three-stage)
 - Copper concentrate thickening and filtration
 - Backfill paste plant, using copper rougher tailings
 - Zinc flotation of feed to backfill paste plant (if required)

Detailed flow sheet | Process Line 2 (“PL 2”)

Typical flowsheet for polymetallic ore (from Sotiel)¹

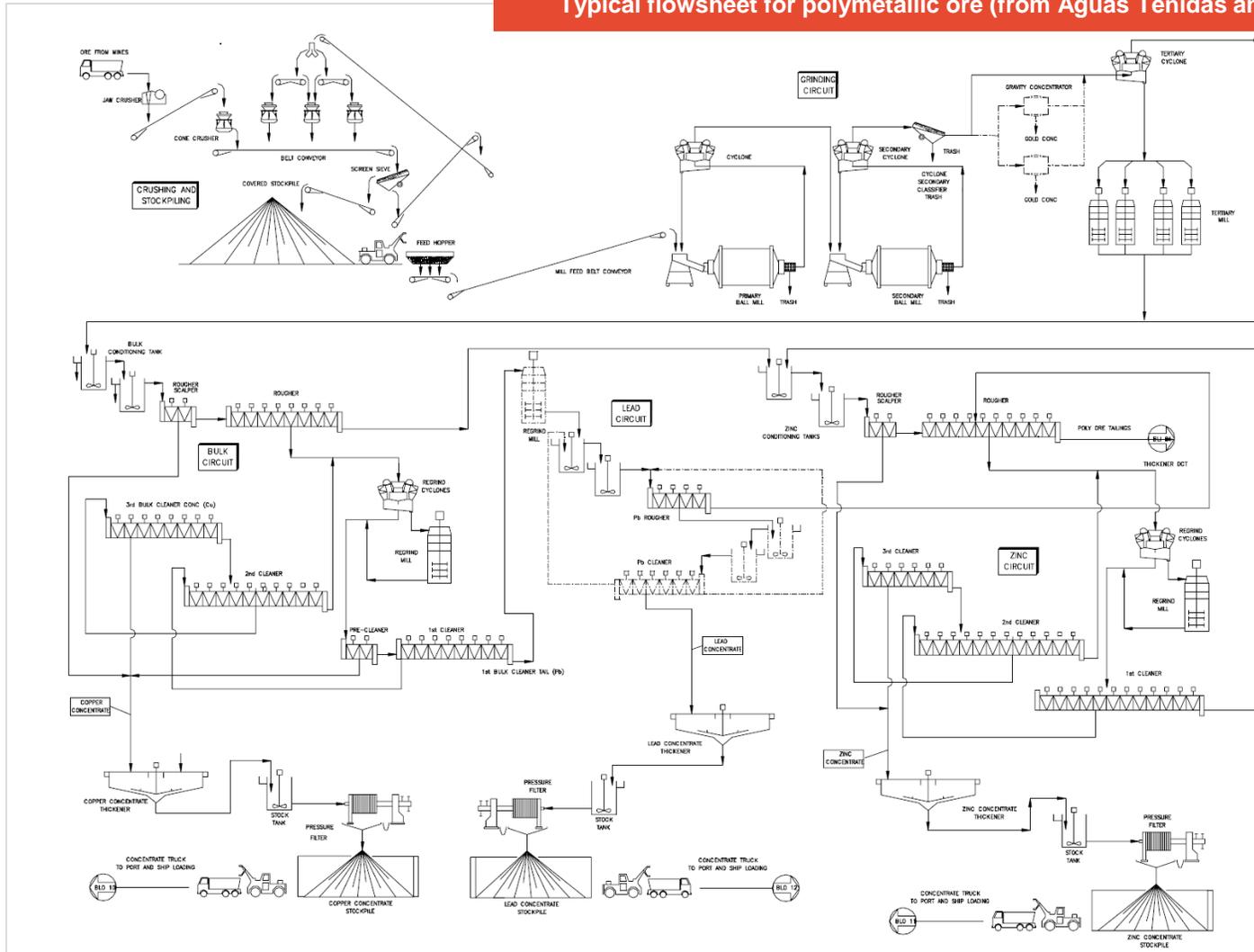


- PL2 circuit features the following basic elements:
 - Two-stage crushing
 - SAG mill, with oversize trommel and coarse recycle
 - Secondary ball mill
 - Tertiary mills (3), product P₈₀ of 20-25µm
 - Bulk sulphide flotation
 - Bulk rougher flotation
 - Bulk rougher concentrate regrind
 - Bulk concentrate cleaner flotation (three-stage)
 - Bulk concentrate to copper flotation
 - Bulk tailings to lead flotation
 - Copper flotation
 - Bulk concentrate regrind, product P₈₀ of 12µm
 - Lead depression by SMBS
 - Copper concentrate to thickening and filtration
 - Copper tailings to lead flotation
 - Lead flotation
 - Lead concentrate to thickening and filtration
 - Lead tailings to final tailings thickener and TMF
 - Zinc flotation
 - Bulk rougher tailings as feed
 - Zinc rougher flotation
 - Zinc rougher tailings to final tailings thickener and TMF
 - Zinc rougher concentrate to zinc regrind (2 mills)
 - Zinc rougher concentrate cleaner flotation (three-stage)
 - Zinc concentrate thickener and filtration

Note:
 (1) This is a typical configuration, though PL2 can be configured to treat cupriferous ore

Detailed flow sheet | Process Line 3 (“PL 3”)

Typical flowsheet for polymetallic ore (from Aguas Teñidas and Magdalena)¹



- PL3 circuit features the following basic elements:
 - Three-stage crushing
 - Primary ball mill, with oversize trommel and coarse recycle
 - Secondary ball mill
 - Tertiary mills (4), product P_{80} of 35 μ m
 - Bulk/copper flotation
 - Bulk rougher flotation
 - Bulk rougher concentrate regrind, product P_{80} of 23 μ m
 - Bulk concentrate cleaner flotation (three-stage)
 - Copper concentrate to thickening and filtration
 - Copper tailings to lead flotation
 - Lead flotation
 - Lead regrind
 - Lead rougher flotation
 - Lead cleaner flotation
 - Lead concentrate to thickening and filtration
 - Lead tailings to zinc flotation
 - Zinc flotation
 - Bulk rougher tailings as feed
 - Zinc rougher flotation
 - Zinc rougher tailings to final tailings thickener and TMF
 - Zinc rougher concentrate to zinc regrind, product P_{80} of 25 μ m
 - Zinc rougher concentrate cleaner flotation (three-stage)
 - Zinc concentrate thickener and filtration

Site Infrastructure

Aguas Teñidas | Site Infrastructure



Legend

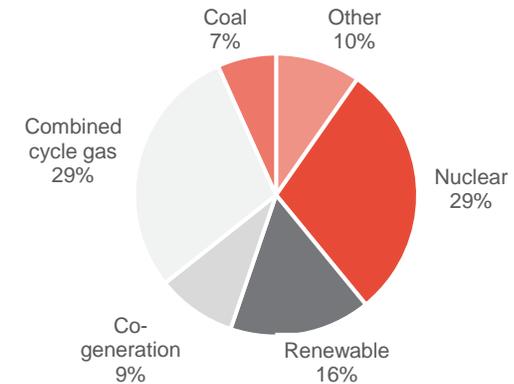
- | | |
|--------------------------------|--|
| 1. Western gatehouse | 17. Process plant PTM2 |
| 2. Concentrate weighbridge | 18. Electrical sub-station |
| 3. Wetland testing area | 19. Storm water pond |
| 4. Secondary ROM stockpile | 20. Vent Raise VR6 |
| 5. Water treatment plant PTA2 | 21. Vent Raise VR7 |
| 6. Water regulation ponds | 22. TMF underdrain pond |
| 7. Principal ROM stockpile | 23. Wetland testing area |
| 8. Aguas Teñidas mine entrance | 24. Salvage yard |
| 9. Fresh water pond | 25. Concrete plant |
| 10. Polishing ponds | 26. Explosives magazine |
| 11. Crushing & screening | 27. Reagent stores |
| 12. Mine weighbridge | 28. Paint shop |
| 13. Old construction offices | 29. Contractor yards |
| 14. Crushed ore domes | 30. Warehouses and open storage |
| 15. Laboratory | 31. Water distribution and potable plant |
| 16. Process plant PTM1 | |

MATSA | Power Supply

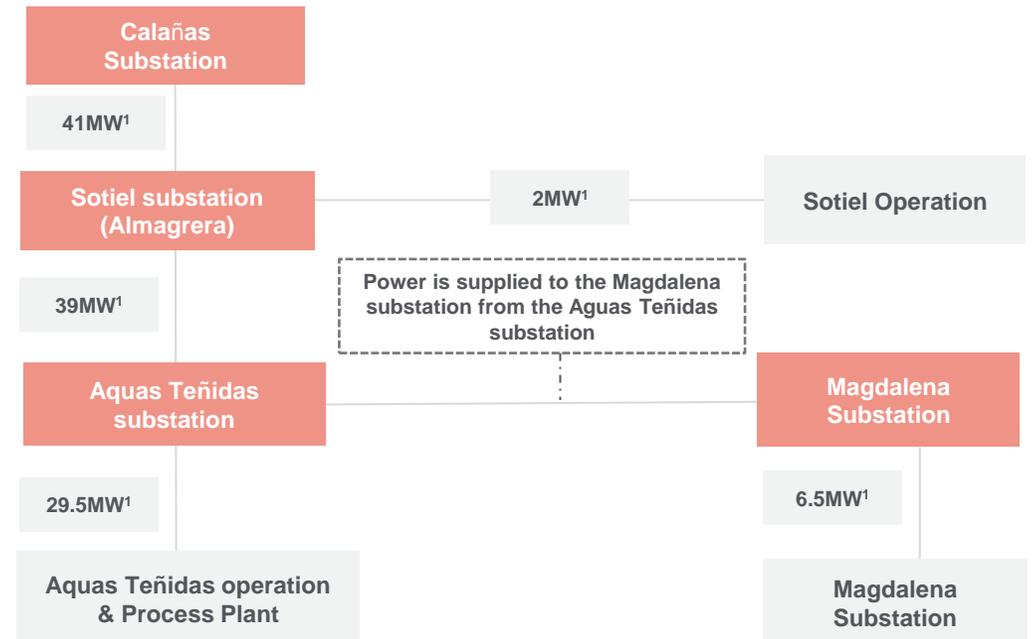
Commentary

- MATSA is connected to the Spanish National Grid at the Calañas substation, owned by Endesa
 - The transmission line from the Endesa substation is owned by MATSA
 - This line proceeds from Calañas to Almagrera (Sotiel), and on to Aguas Teñidas where the main substation is located adjacent to the processing plant
 - Total capacity was increased to 41MW recently after the installation of capacitor at Aguas Teñidas
- Two supply contracts are in place with Endesa
 - Distribution with Endesa Distribution, allowing MATSA to connect to power grid with 36MW contracted power and 38MW available capacity
 - Energy with Endesa Energia until 31 December 2022, a pass-through contract indexed to spot
 - Power strategy study commenced
- The main user of power is the processing plant at Aguas Teñidas, followed by the underground mining operations (ventilation, water pumping) and the backfill plant

Power Supply Split (2019)



Overview of Power Supply System



Solar PV project | Reducing emissions and cost

Rationale

- Solar generated power will reduce the total cost of electrical energy as well as assist in emission off-sets
- Located close to MATSA, solar generated power may push out the need for the Phase 2 expansion of the transmission line

Solar PV Project

Two Solar facilities have been identified and assessed

Southern Facility

- Generation capacity of 20MW and expandable to 40MW
- 20MW Estimated to off-set 13% of grid power requirement
- Built on privately owned land that is old Mine workings. 10MW of the 20MW capacity will be built on a closed Tailings facility
- Approved permit to construct and operate
- Planned to be operational in Q3 FY2023

Northern Facility

- Generation capacity of 20MW
- To be built on Sandfire MATSA land
- Exclusivity agreement signed with ENGIE to study the project
- Operational date still to be defined

Economic evaluation by third-party energy provider

- No capex required as the third-party energy provider will build the plants, and connect into MATSA's substation
- Power Purchase Agreements are in-line with long term power price estimates
- Sandfire MATSA has the opportunity to fund both projects (CAPEX) and further lower the cost of power

MATSA | Water Supply

Overview of water supply system



Commentary

- All three mines are located within the Odiel River catchment
- Fresh water supply for Aguas Teñidas is sourced from local Olivargas dam, located approximately 3km downstream of the site
- Magdalena water demand is met from the San Miguel dam, in addition to water from a water treatment plant
- Sotiel water demand is met entirely from a water treatment plant
- The water used in the plant is completely recycled, as the processing plant and tailings facilities are not allowed to discharge (zero effluent)

Water Source	Olivargas dam, San Miguel dam
Taking Method	Pump
Water Usage (Dec 20)	2,449km ³
% of mine water recycled	100% (Aguas Teñidas), 70% (Magdalena, Sotiel)
Water storage	530km ³ (excludes water stored in TMF)
Treated water discharge	192km ³ (2020)

MATSA | Tailings Management Facility Overview

Overview

- The Aguas Teñidas Tailings Management Facility ("TMF") consists of a paste tailings management facility, which was commissioned during 2009
- ~50% of tailings produced at the processing plant (by weight) is sent to the TMF with the balance of tailings (~50%) sent to the paste backfill plants at the Aguas Teñidas and Magdalena mines
- As of 2022, the TMF contained approximately 10.6Mm³ of tailings, with a design capacity for the current phase of 14.7Mm³, anticipated to provide storage until the end of 2026
- Study for new facility in progress, consultation and permitting process initiated

Primary Environmental Approvals



Exploration & Growth

MATSA | Exploration program has a proven track record of success

Well established team and process

<p>Approach</p>	<ul style="list-style-type: none"> • Clear approach based on: <ul style="list-style-type: none"> • Disciplined exploration, combining sound geology with modern geochemistry and geophysics • Experienced, talented, dedicated and innovative exploration team • Relatively modest investment, with ~USD100m spent since 2006
<p>Team</p>	<ul style="list-style-type: none"> • Brownfield and greenfield exploration teams contain ten full-time geologists (five in each team) • Brownfield exploration is guided by mine mappings, structural interpretations and mise-a-la-masse geophysical methods • Greenfield exploration includes geological mapping, geochemical exploration and regional VTEM2 mapping alongside resource drilling to Indicated level • Uses modern tools and facilities: core logging, sample preparation and assaying all done in-house
<p>Licence Area</p>	<ul style="list-style-type: none"> • MATSA has mineral rights in exploration extending over c.2,450km² that belt in: <ul style="list-style-type: none"> • 1,332km² fully controlled in Spain • 993km² fully controlled in Portugal (another 467km² is in permitting process) • 114.5km² in joint venture with Avrupa Minerals in Portugal

Exploration success: Magdalena discovery

- Opportunity identified: Geophysical (VTEM) anomaly, basis for first exploratory holes in 2013
- Intensive drilling: 200km over 2014-2015, drill-holes guided by local mise-a-la-masse geophysics
- First production: 2015

Exploration success: Sotiel expansion

- Opportunity identified: Sotiel was an old mine with historical development
- Intensive drilling: 134km of drilling expanded Sotiel mineral resources 15x, from 3Mt in 2013 to 47Mt¹ in 2020
- First production: 2014
- Total resources 2022: 51Mt¹

MATSA | Current Exploration Strategy

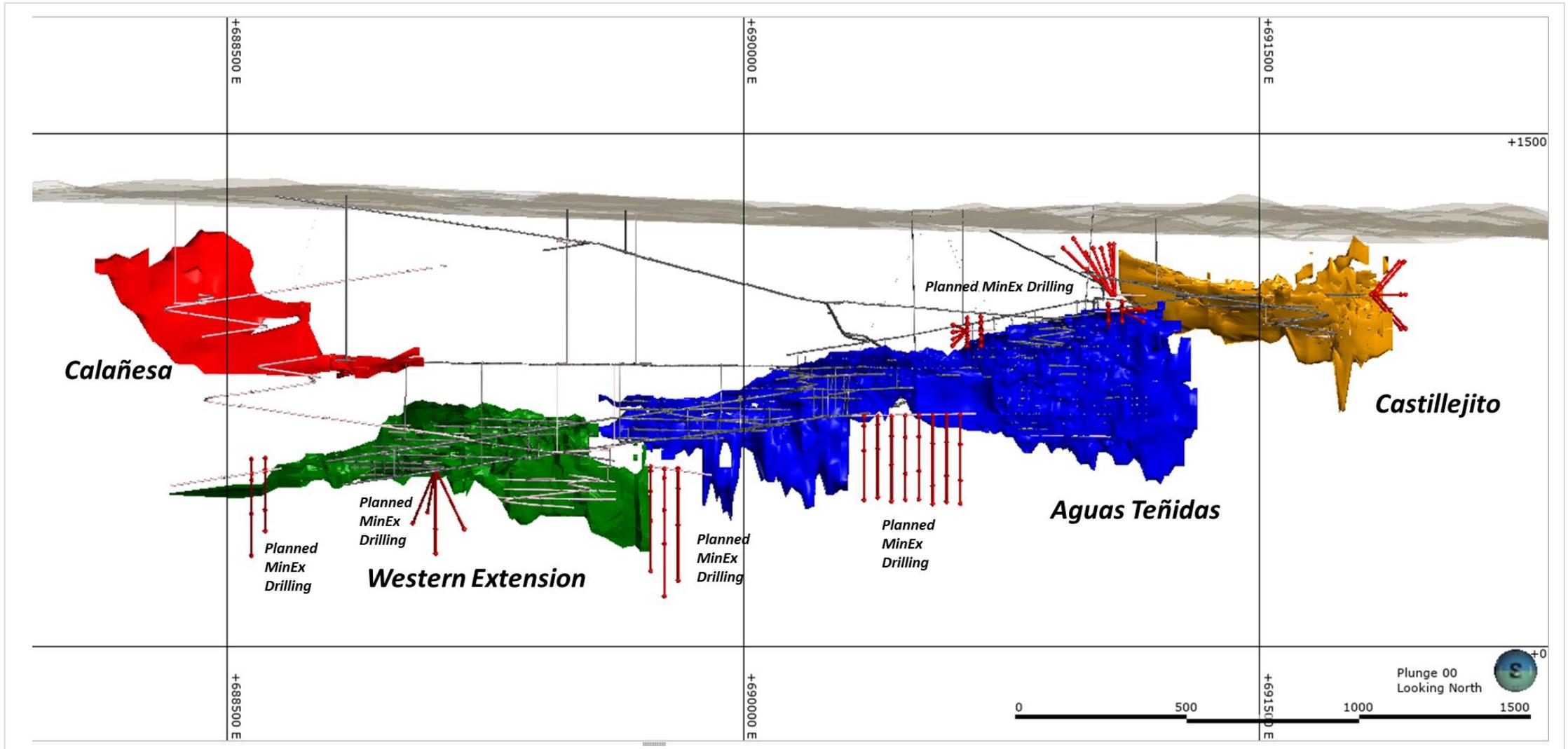
Upside potential

Exploration strategy	Infill drilling at existing mines	Step-out drilling 	Advanced targets 	Conceptual stage 	Regional JV 
Key focus	<ul style="list-style-type: none"> • Replenish reserves and upgrade resource classification • Included in current mineral resource model 	<ul style="list-style-type: none"> • Extend known resources • Underpins near-term expansions and extensions 	<ul style="list-style-type: none"> • High potential intercepts with potential to be new mines 	<ul style="list-style-type: none"> • Identify and explore concept targets in the IPB 	<ul style="list-style-type: none"> • A number of regional JV opportunities in Spain and Portugal have been identified
Targeted inclusion in resource base	<ul style="list-style-type: none"> • < Three years 	<ul style="list-style-type: none"> • < Five years 	<ul style="list-style-type: none"> • < Seven years 	<ul style="list-style-type: none"> • < Ten years 	<ul style="list-style-type: none"> • Near-term potential
Key targets	<ul style="list-style-type: none"> • Aguas Teñidas • Magdalena • Sotiel 	<ul style="list-style-type: none"> • Substantial in-mine and extensional targets around Aguas Teñidas, Magdalena and Sotiel 	<ul style="list-style-type: none"> • Potential new mining centres near to the processing plant • Multiple other targets in Spain and Portugal 	<ul style="list-style-type: none"> • VMS deposits in Spain and Portugal 	<ul style="list-style-type: none"> • Multiple active discussions and identified opportunities with neighbouring mines and deposits in Spain • Avrupa JV in Portugal
2023 budget	<p>>100,000 m of infill drilling and step-out drilling will be performed at the three mines</p>		<ul style="list-style-type: none"> • FY23 32.5km drilling across the MATSA Corridor • Further drilling around Poderosa and adjacent prospects • Very large gravity gradiometry survey across the MATSA structural corridor 	<ul style="list-style-type: none"> • Drilling at greenfield targets in Spain and in Portugal 	<ul style="list-style-type: none"> • Discussions ongoing

MATSA has mineral rights extending over c.2,450km² in the IPB

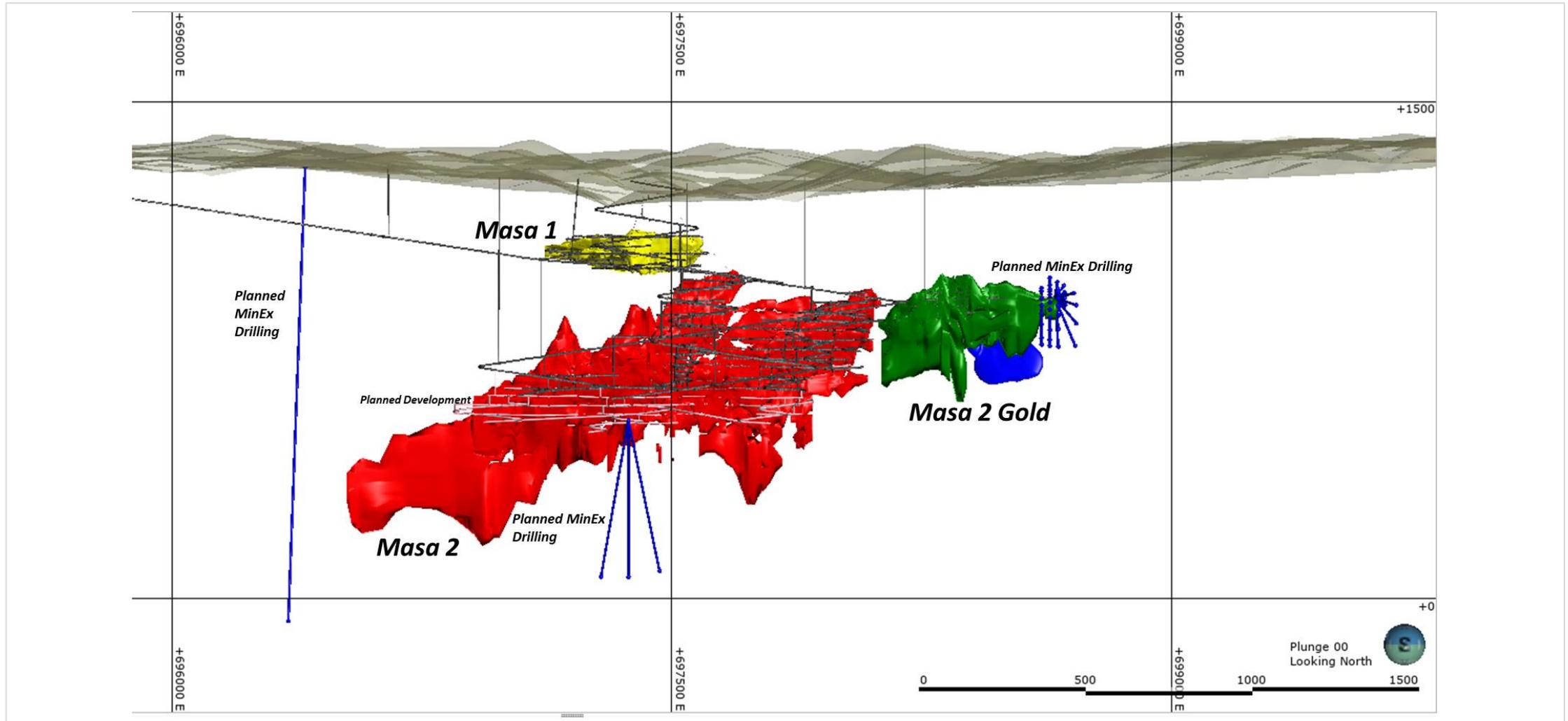
Aguas Teñidas | Planned in-mine exploration drilling

Step-out drilling targeting extensional targets at a Aguas Teñidas Deeps, Western Extension and Castillejitos East



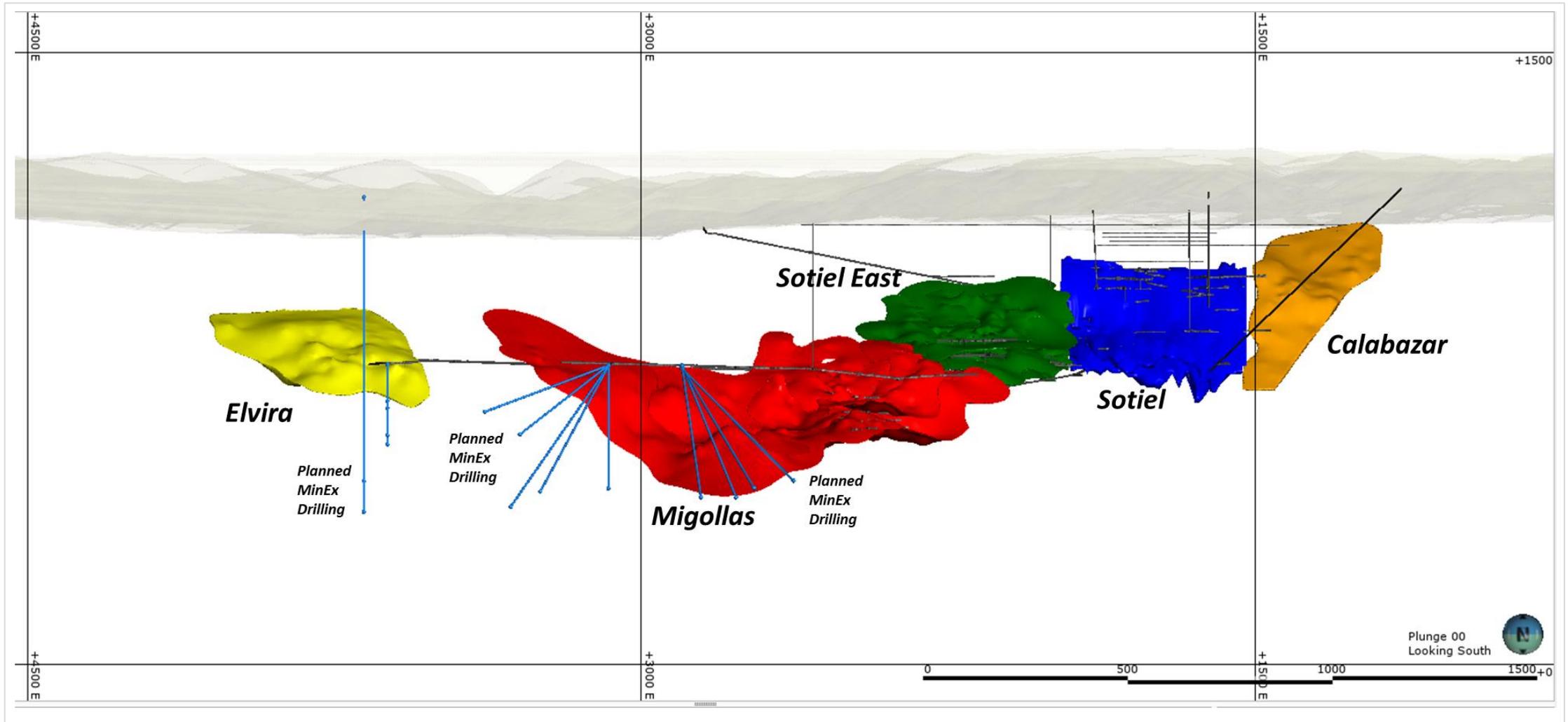
Magdalena | Planned in-mine exploration drilling

Step-out drilling targeting down-plunge extensions to Masa 2 West, Masa 2 Deeps and Masa Gold extensions

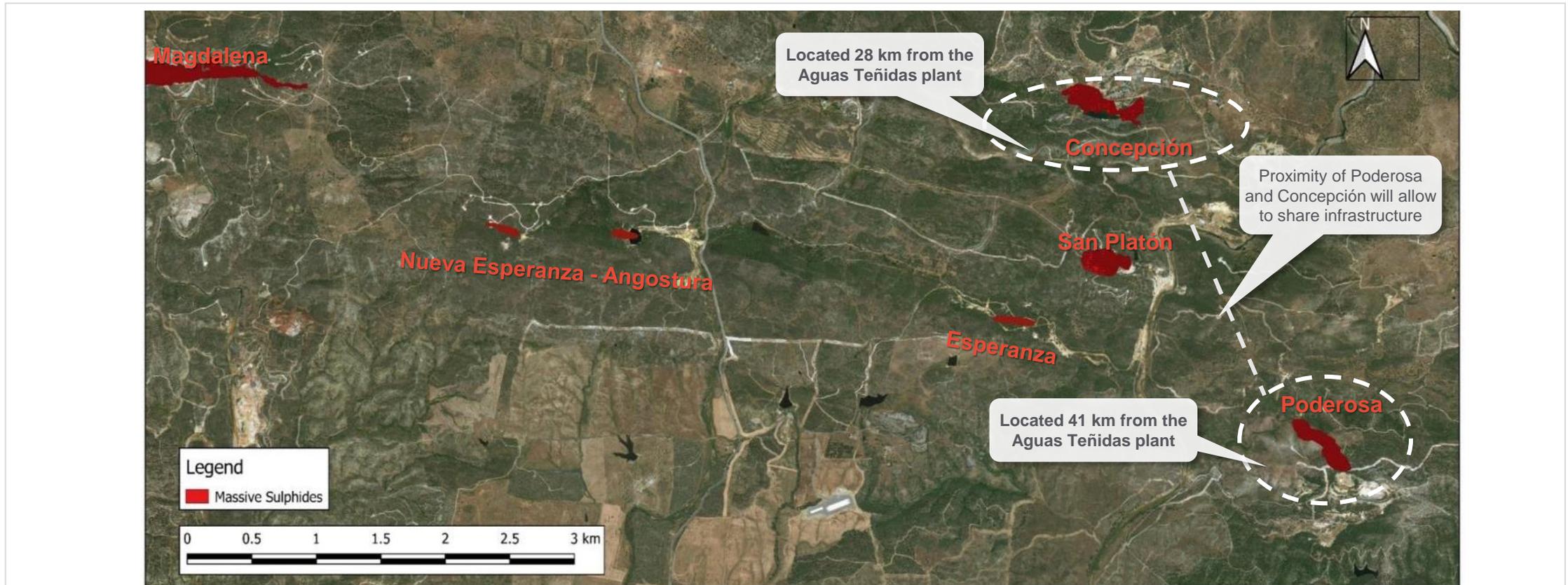


Sotiel | Step-out drilling

Step-out drilling targeting off-sets at Migollas East and Elvira



Exploration potential | Eastern Structural Corridor



Mineral resources at Poderosa and Concepción highlight the regional exploration potential



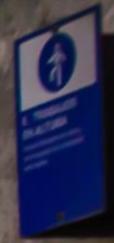
- Similar geology to Magdalena
- Each deposit has high growth potential due to:
 - Untouched polymetallic resources and open extensions at depth
 - Application of new exploration techniques

- Increased knowledge of structural controls
- MATSA's process expertise and infrastructure
- The proximity of the deposits may benefit from infrastructure and development synergies

Our People & HSEC



SALIDA DE EMERGENCIA



MATSA | Human Resources

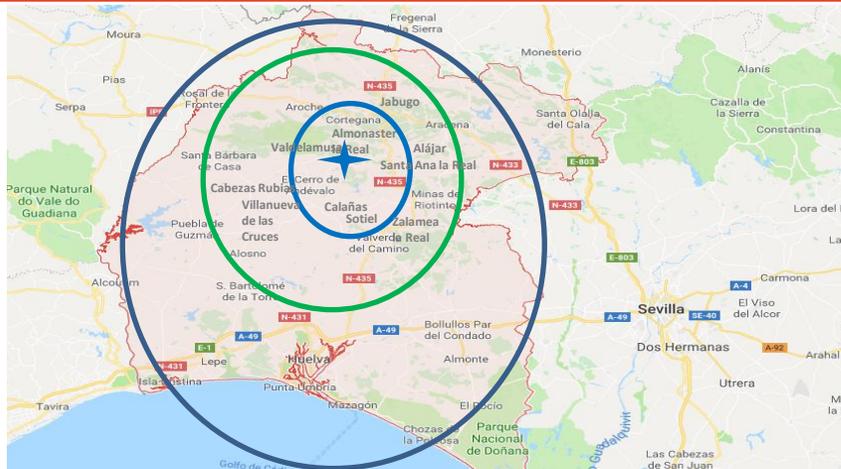
Overview

- Average number of total employees in 2020 was 754 with over 90% on a permanent basis
 - 80% of employees come from the towns closest to MATSA in Huelva province
 - 20% of employees are female
- MATSA outsources, amongst others, various mining, maintenance and transport services through 2,463 employees from 105 subcontracting companies
- MATSA has a well-trained workforce with a strong emphasis on continuous education
 - Over 500 training actions and 20,000 training hours provided in 2020

Commitment to gender diversity and equality

- Women account for 20% of the company's workforce
- 153 women are present in all areas of the business including key leadership roles
- Equality Plan in place since 2012 and an Equality Committee was formed in 2019
- Prevention and Action Protocol against sexual harassment in place
- MATSA has integrated a number of employees with disabilities

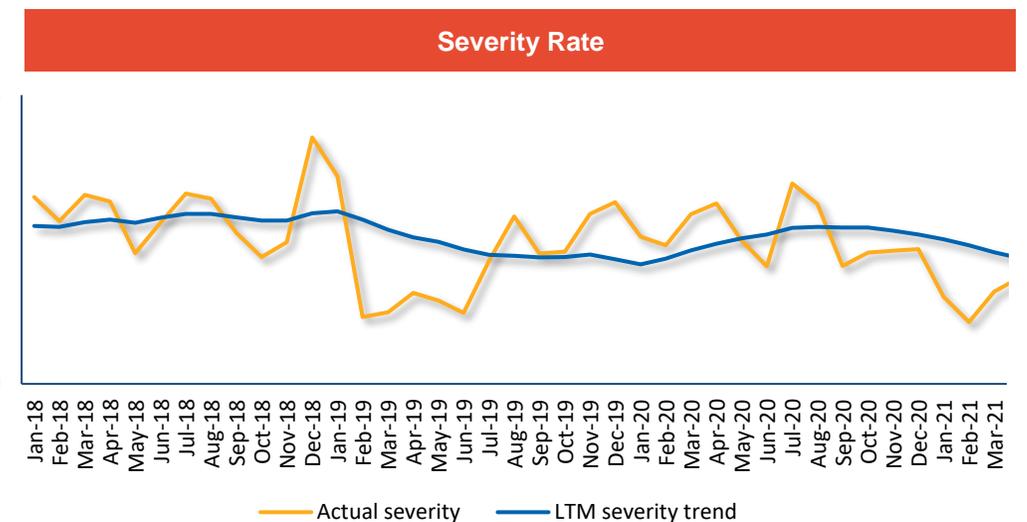
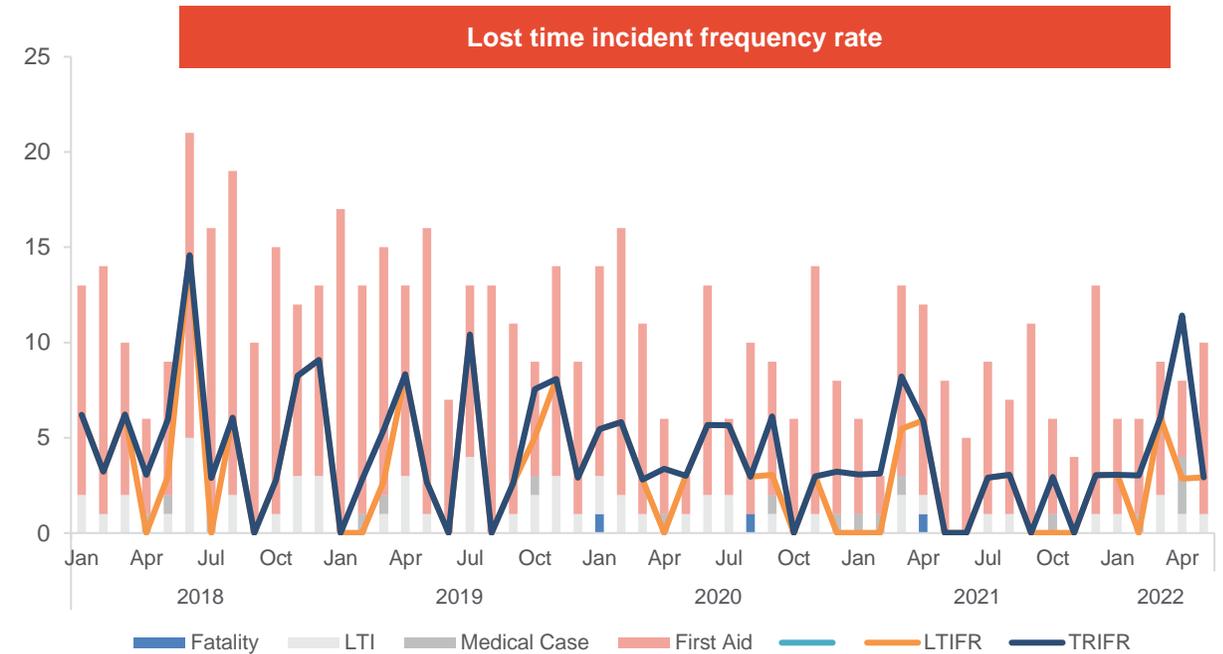
80% of employees come from the towns closest to MATSA



MATSA | Health and Safety

Overview of key health and safety framework

- MATSA is committed to ensuring that production operations are carried out with the highest health and safety standards
- MATSA has engaged with industry leading strategic partners as part of an operational excellence programme to support continuous improvement initiatives and enhancement of the safety culture across the business
- Health and safety management is based on the "Zero accidents" concept, through which the company has maintained a downward trend in accident rates over the last three years
- MATSA has a procedure for reporting risks and improvement and near-miss accidents, and an established protocol for investigating accidents and determining the corrective actions
 - A management manual containing the policy and critical procedures has been prepared to improve accessibility and consultation by the organisation's employees
 - Risk identification and assessment is provided to employees prior to joining the company and reviewed regularly
 - In order to reinforce health and safety good practices, safety awareness-raising campaigns are carried out regularly as well as health promotion initiatives (PAE employee assistance programme)
- MATSA has its own prevention service for the safety and Ergonomics specialties, as well as an external prevention service for hygiene and health monitoring



MATSA | Response to COVID-19

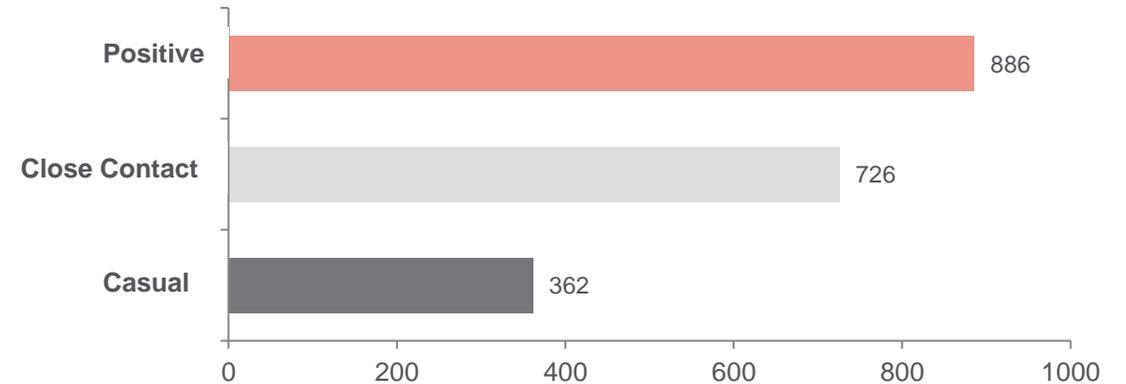
Overview of key health and safety framework

- Recommendation for workers and contractors maintain preventive measures:
 - Use of mask
 - Wash hands frequently
 - Social distance
 - Ventilating spaces
 - In case of **positive to COVID-19**, inform the manager to adopt preventive measures at work.
- **Mandatory use of mask in these cases:**
 - Travelling by bus or shared company cars
 - Meetings where social distance or ventilation can't be held
 - Workers tested positive
- **MATSA operations only stopped for three days during pandemic, however the operations suffered many lost man-days:**

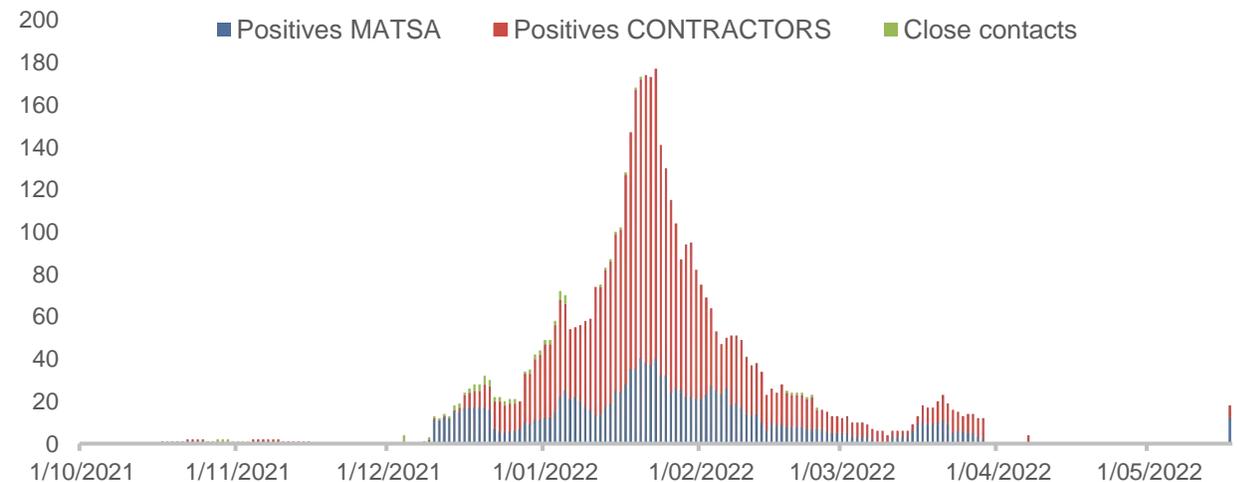
	2020			2021		
	Positives	Close Contacts	Man day lost	Positives	Close Contacts	Man Day Lost
MATSA	34	99	2,285	55	126	2,238
Contractors	30	140	2,647	137	280	5,241

Historical cases from MATSA employees and contractors (Mar-20 to Mar-21)

HISTORIC CASES



COVID-19 Status Active Cases



MATSA | Improved Water Performance

Recent Developments

- Through the development of a water management sustainable system, MATSA has successfully reduced water intake by 80% over 2015-2017. This has been achieved through:
 - Reduced water loss, identifying improvement areas where water consumption can be reduced or replaced
 - 100% of the mine water is recycled at Aguas Teñidas and c.70% at Magdalena and Sotiel
 - Water from Aguas Teñidas underground is treated in a Water Treatment Plant and reused
 - Improved water quality treatment resulted in replacement of fresh water consumption with treated water for ore treatment processing
 - Improved ability to generate different types of water-qualityes depending on intended usage
- Further improvements are planned:
 - MATSA is part of Remine Water project, a EU Life Programme Project, focusing on improving and minimising mining wastewater discharges by reusing most of the discharged water and improving by-product recovery
 - Partner with Cetaqua, Institute of Non-Ferrous Metals of Poland ("IMN") and NewHeat
 - Currently under development at MATSA site over 2019-2022 with a budget of EUR1.8m
 - In 2017, MATSA was the first Andalusian company to join EsAgua, which is focused on promoting the reduction in water footprint between the associated companies and share good practices and experience.

Permits and treatment plant capacity

	Discharge Authorisations		Fresh water concessions		Water treatment capabilities
	m ³ /year	Expiry date	m ³ /year	Expiry date	
Aguas Teñidas	1,400,000	Unlimited	1,400,000	14/02/2023	PTA1: 360 PTA2: 360
Magdalena	438,000	Unlimited	370,000	18/04/2037	100
Sotiel	438,000	Unlimited	540,000 ¹	-	200

Water Treatment Plant

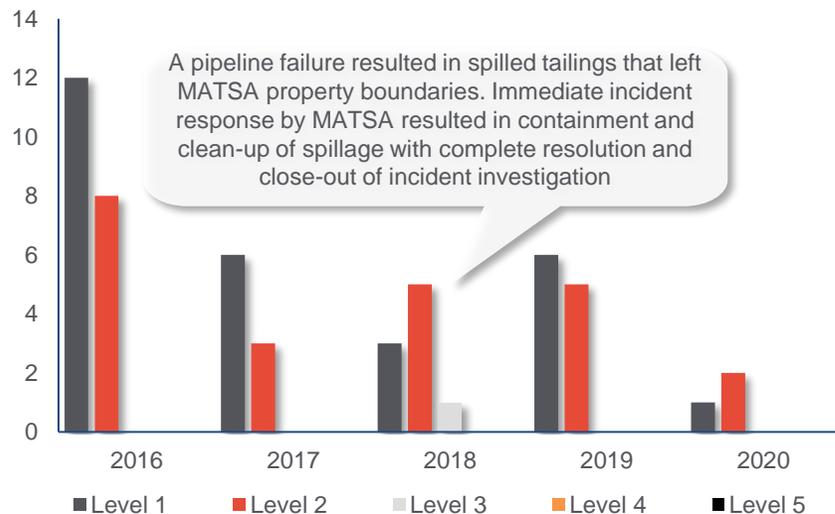


MATSA | Environmental performance and permits

MATSA has a strong environmental track record

- MATSA has achieved a reduction in number of reported environmental incidents from twenty in 2016 to three in 2020
- This has been achieved through
 - Improved environmental incident investigation methods, using SIIM or Five Why's to reach root causes, resulting in more efficient action plans focused on eliminating causes
 - Implementation in 2020 of mandatory environmental inspections by contractors
- Strong environmental communication to stakeholders is delivered through community programs such as the "Ethno-botanical guide" and the Sustainability Yearly Report publication

Environmental Incidents



Primary Environmental Approvals

	Description of primary approval	Year issued
Aguas Teñidas	Unified Environmental Authorisation for 2.2Mtpa and Restoration Plan	2010
	Unified Environmental Authorisation for 4.4Mtpa and Restoration Plan	2012
	Unified Environmental Authorisation for Waste Rock Dump N°6	2013
	Unified Environmental Authorisation for three water ponds	2013
	Unified Environmental Authorisation for expansion of tailings storage	2017
	Modification of the Unified Environmental Authorisation to include four atmospheric emission sources	2018
	Unified Environmental Authorisation for expansion of Waste Rock Dump N°6	2019
Magdalena	Unified Environmental Authorisation for 4.7Mtpa and Restoration Plan	2020
	Unified Environmental Authorisation Magdalena Exploitation Project	2014
	Modification to Unified Environmental Authorisation for an auxiliary platform at Magdalena	2015
Sotiel	Modification to Unified Environmental Authorisation for an auxiliary platform (explosives magazine) at Magdalena (AAU/HU/039/18)	2020
	Unified Environmental Authorisation Sotiel Project	2014

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