

TWO EMERGING DISCOVERIES IN NORTH AMERICA Gold-Silver in Arizona, USA Porphyry Gold in Sonora, Mexico

AZT: TSXV, AZZTF: OTCQB

SEPTEMBER 2024

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Corporate Overview

Aztec Minerals is an exploration company focused on the discovery of large gold and silver poly-metallic mineral deposits in world-class mining jurisdictions

- North American Focus
- Strategic investment by Alamos Gold (TSX: AGI, NYSE: AGI)

Experienced Management and Board

Proven track record of creating value through discovery, development and production

Two Mining Friendly Jurisdictions

- **Tombstone Project (77.7% JV interest)** contains past producing open pit heap leach oxide goldsilver mine in historic silver district hosting multiple pre-1950, high grade underground mines
- Cervantes Project (100% owned) is near multiples mines and projects under development

Emerging Gold-Silver Discovery at Tombstone, Arizona

- Expansion step out drilling to commence in September 2024
- Successful 2020-2023 drilling: Contention zone shallow and broad oxide gold-silver discovery
- Recent drill program supports expansion with drill intervals up to 6.28 gpt AuEq over 32.0 m and
 3.39 gpt AuEq over 65.5 m; bonanza grade of 3,477gpt Ag over 1.5m within 734 gpt Ag over 7.6m
- Deeper sulfide CRD zinc-lead-copper-silver mineralization (Taylor Style) indicated by historic drill hole and NSAMT anomaly, yet to be drilled

Emerging Gold Discovery at Cervantes, Sonora

- Recently drilled expansion of shallow gold mineralization zone at California zone target
- Drill intervals up to 1.49 Au gold over 137m and 1.00 gpt Au over 165.0m
- Since 2017: track record of successful drilling has discovered and expanded a significant bulk tonnage gold target
- 2023 exploration program has **expanded gold mineralization footprint** of California Zone
- 6km structural trend with multiple, geologically similar gold exploration targets



Investor Highlights

Multi-asset drilling and discovery stage company with projects in two world-class mining jurisdictions, positioned for significant growth

Why Large Emerging Discoveries?

- Major mining companies need large ore deposits to sustain their business, but they rely more and more on M&A rather than exploration to replace reserves
- Junior companies now dominate the exploration sector and have expertise in making new discoveries
- Major companies pay premiums to acquire successful junior exploration companies, creating maximum shareholder value

Why North America?

• North America hosts the best mining jurisdictions in the world for their combination of low political risk, rule of law, reasonable tax regime, well developed infrastructure, strong discovery potential

Why Aztec Minerals?

- Well-positioned with accretive drilling planned to commence in September 2024
- Large-scale ounce potential across two assets with significant leverage to gold & silver prices
- Recent discoveries drilled at both projects:
- **Tombstone:** Prolific high-grade past-producing silver gold district with large-scale ounce potential. Historic data suggests discovery potential for Taylor-type sulfide deposit (South 32)
- **Cervantes:** Planning step out drilling to potentially increased target size and attractiveness near existing large-scale operations in Mexico
- Attractive valuation: Tiny CAD\$19.2 million market cap, ~50% closely held

Why Now?

• **Precious metals cycle underway**, majors are soon to be hungry for deals



Capital Structure

| Exchange Listings: | TSXV:AZT, OTCQB:AZZTF |
|--------------------|------------------------------------|
| Shares Issued: | 123.7 million |
| Options: | 10.2 million (ave. strike: \$0.26) |
| Warrants: | 29.9 million (ave. strike: \$0.31) |
| Fully Diluted: | 163.7 million |
| Insiders: | 15.3 million (12%) |
| Closely Held: | 42.3 million (34%) |
| Cash Position: | C\$2.5 million |
| Market Cap: | C\$19.2 million |

Analyst Coverage:

• Red Cloud Securities – Timothy Lee

Notable Shareholders:

- Alamos Gold
- EuroPacific Gold Fund
- Myrmikan Capital LLC
- EMA GARP Fund, L.P.
- AIPM Junior Mining Fund
- Concept Capital AG
- CM-Equity AG



Mexico & Southwest USA Exploration & Development Companies

| Company Name | Trading Symbol | Stage | Location | Market Cap (CAD MM) | | | |
|---|-------------------|------------|---------------|------------------------|-------|--|--|
| Minera Alamos | MAI.V | Production | Mexico | \$ | 109.8 | | |
| Minaurum Gold | MGG.V | Discovery | Mexico | \$ | 87.3 | | |
| Blackrock Silver | BRC.V | Resource | SW USA | \$ | 69.1 | | |
| Summa Silver | SSVR.V | Discovery | SW USA | \$ | 37.8 | | |
| Nevgold Corp. | NAU.V | Discovery | SW USA | \$ | 27.2 | | |
| Reyna Silver | RSLV.V | Discovery | Mexico | \$ | 21.7 | | |
| Aztec Minerals | AZT.V | Discovery | Mexico/SW USA | \$ | 19.2 | | |
| Source: Company Documents (SEDAR), stockwatch.com Market Values as of August 30, 2024 | | | | | | | |



Project Locations

Tombstone – SE Arizona

- 100 km southeast of Tucson
- Heart of world-class mining copper district
- 65 km northeast of massive Taylor zinc-lead-copper-silver-CRD discovery in similar geological setting (Arizona Mining acquired by South32)

Cervantes - Sonora, Mexico

- 160 km east of Hermosillo
- Nearby operations: Mulatos' gold mine (Alamos Gold) & La India gold mine
 (Agnico Eagle)
- 50 km Santana Mine (Minera Alamos)
- Accessible and attractive nearby infrastructure



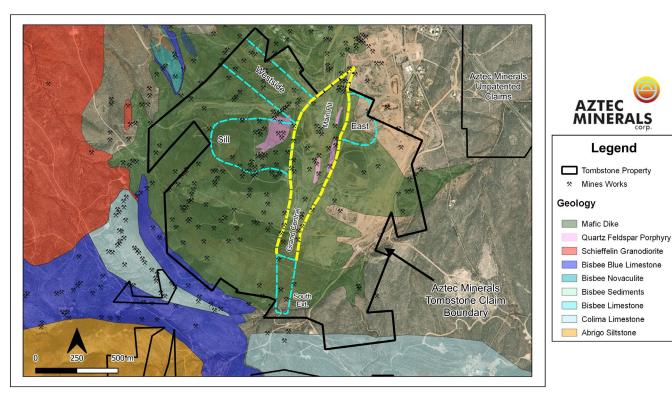


Tombstone Project Geology

- Properties (black lines) cover many small historic silver mines along minor structures and largest historic mine (Contention) on major structure
- Open pit heap leach oxide gold-silver potential lies within Bisbee Group sediments (light-green) around and below the Contention pit
- Taylor-type CRD underground sulfide silver-polymetallic

potential lies beneath the Contention pit and Bisbee Sediments within Paleozoic limestones (blue, green, purple)

Tombstone Property and Exploration Targets





Tombstone Open Pit Oxide Target

Focused Drilling Confirming Extensive Shallow Oxidized Gold-Silver Mineralization below and around the Contention Pit

- **Typical Open Pit Heap Leach Mines** in Western USA run grades of 0.4-0.6 gpt gold, Tombstone 2020-2023 drill results are higher grade in comparison
- Contention Open Pit Heap Leach Mine operated in the late 1980's at much lower precious metals prices, old reports indicate approximately 75% gold and 60% silver recovery with minor crushing
- High Grade Grab Samples indicate gold and silver mineralization remain in pit walls, grab samples grade up to 23.5 gpt Au and 3,178 gpt Ag
- Successful 2020 2023 drilling of 6,479m outlined bulk tonnage, wide goldsilver mineralization along a 900m length down to 200 m deep along the Contention pit, open for expansion
- 2023 Core Drilling Hole TC23-01 intersected bonanza grade silver of 3,477 gpt Ag over
 1.52m within zone of 734 gpt Ag over 7.6m
- New Potential wide and shallow oxide Au-Ag zones identified (Sill, Westside, East and South)



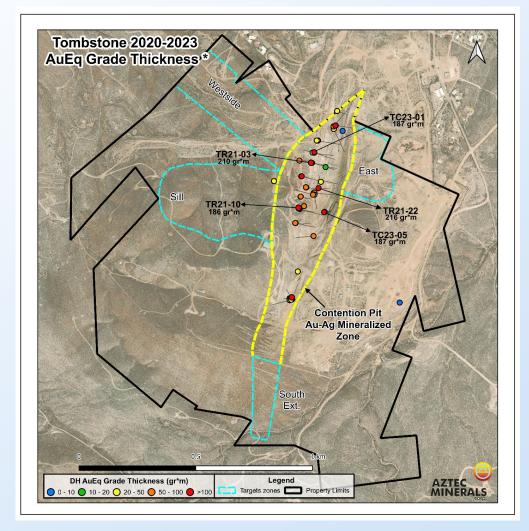


Contention Pit Expansion Footprint

Gold-Silver Oxide Shallow Mineralized Expansion Footprint

- Previous drilling and studies has resulted in the discovery of shallow, broad intersections of oxidized gold and silver mineralization in areas adjacent to those previously explored or developed historically
- The wide, shallow gold-silver mineralization defined by Aztec's drilling, together with all surface data collected since 2018 supports a preliminary concept of expanding the mineralized footprint to the west of the existing historical open pit.
- Exploration data collected to-date indicates that previous historical open pit heap leaching operations did not advance their plans to develop attractive, wide, shallow gold-silver mineralization west of the Contention Pit.

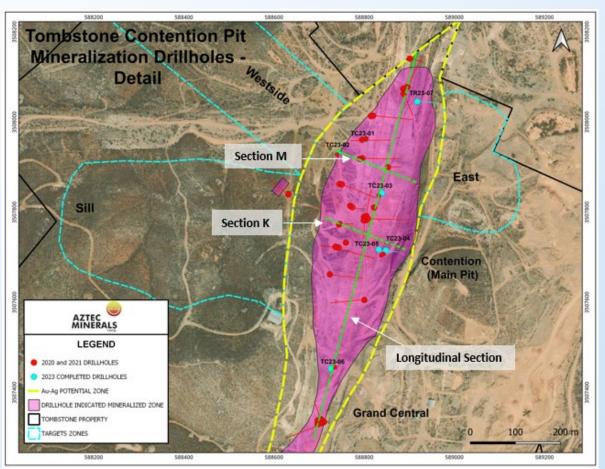
(please see news release dated April 10, 2024)



*Grade-Thickness in meters-grams/tonne means the result of multiplying a drill hole intercept length, measured in meters, by the grade of the gold values in the intercept, the resulting compiled number is measured in grams/tonne. Grade thickness is not to be construed as gross metal value nor as a resource. The Tombstone property does not have a current, compliant resource estimation at this point.

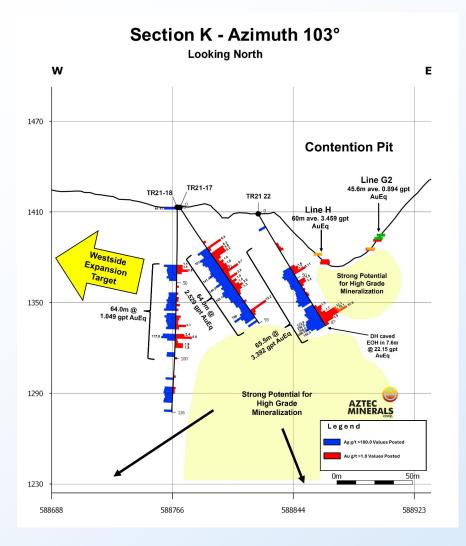
2023 Core Drilling intersected multiple broad zones with highgrade silver and gold intercepts

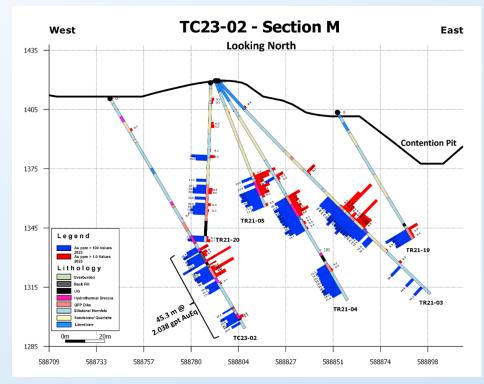
- Every one of the 51 drill holes in 2020-23 programs totaling 6,479m intersected wide, shallow oxidized Au-Ag mineralization
- 2023 Core Program Drilled seven holes up to ~245 m depth with inclined step-outs along the 900m length of the Contention pit to the, East, West, and at depth
- 2023 drilling has expanded the volume of the known Au-Ag mineralization.
- Bonanza Grade Silver mineralization, drillhole TC23-01 intersected 3,477 gpt Ag (111.96 oz/t) over 1.52m, within a zone of 733.9 gpt Ag (23.63 oz/t) over 7.6 m.





Contention Zone Drill Sections



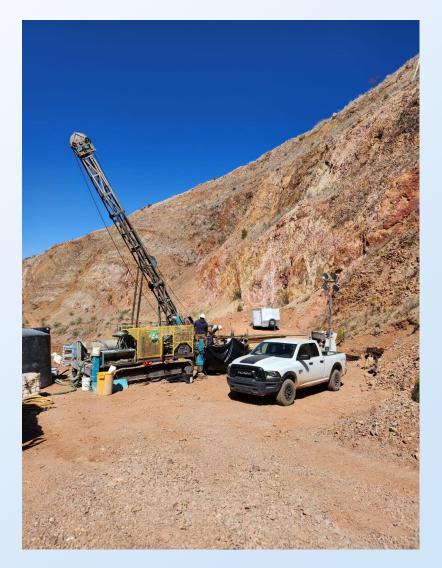




Contention Zone Drill Hole Results

Drilling Highlights:

- TR21-22: 2.44 gpt Au and 66.56 gpt Ag (3.39 gpt AuEq) over 65.5m
- TR21-10: 1.39 gpt Au and 56.40 gpt Ag (2.20 gpt AuEq) over 96.0m
- TC23-01: 0.58 gpt Au and 72.19 gpt Ag (1.63 AuEq) over 125.0m
- TR21-03: 5.71 gpt Au and 40.54 gpt Ag (6.28 gpt AuEq) over 32.0m
- TC23-05: 2.82 gpt Au and 176.64 gpt Ag (5.02gpt AuEq) over 36.0m
- TR21-13: 1.80 gpt Au and 36.90 gpt Ag (2.33 gpt AuEq) over 70.1m
- TR21-17: 1.73 gpt Au and 56.20 gpt Ag (2.53 gpt AuEq) over 64.0m
- TR20-02: 0.94 gpt Au and 42.1 gpt Ag (1.60 gpt AuEq) over 77.7m
- TR21-08: 2.09 gpt Au and 47.1 gpt Ag (2.76 gpt AuEq) over 39.6m
- TR20-03: 0.77 gpt Au and 25.2 gpt Ag (1.07 gpt AuEq) over 97.5m

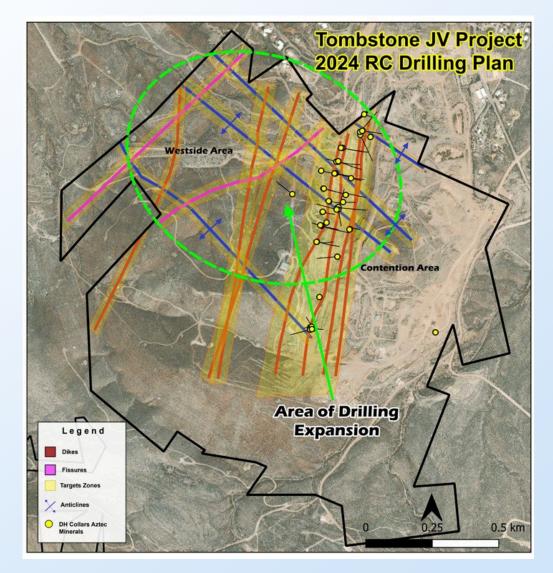




2024 RC Drilling Expansion Target Area

2024 RC Drilling Program 12 holes 2000m – Commence Sept 2024

- Shallow, high-grade, oxide gold- silver drill target zones supported by recent surface exploration program
- Step-out drilling near the Contention pit is designed to expand the known broad, bulk tonnage gold-silver mineralization horizontally and downdip beyond the 2020-23 drilling.
- Potential high-grade mineralization hosted along anticlines, with the targets refined by the maiden integration of all exploration data into a modern 3D geological model
- Potential high-grade mineralization along fissures and faults, aligned along existing historic high-grade historic workings
- Potential mineralization hosted on the edges or by intrusive structures and dikes, recently mapped in the Contention Pit and in the Westside Area

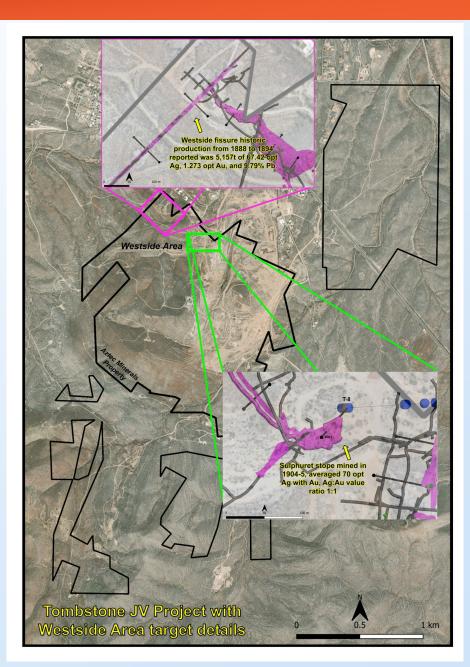




Westside Target – New Geological Model

Initial shallow drilling on the Westside area of the property targeting the continuity of multiple high-grade mineralized structures

- The Westside area's portion of the RC program will test multiple mineralized structures of known, historic underground production including the Westside anticline, Westside fissure, Arizona Queen anticline and Sulphuret dike-Arizona Queen fissure intersection.
- The Westside area has other mineralized structures including but not limited to the Ingersol anticline, Boss dike, Tribute fissure, Tribute dike and the B&B anticline.
- The intersections of some of these mineralized structures can have large vertical extents, such as for the Westside fissure with the Westside anticline mined for 240 meters vertically and the Westside anticline with the Arizona Queen fissure with over 200 meters extent vertically.

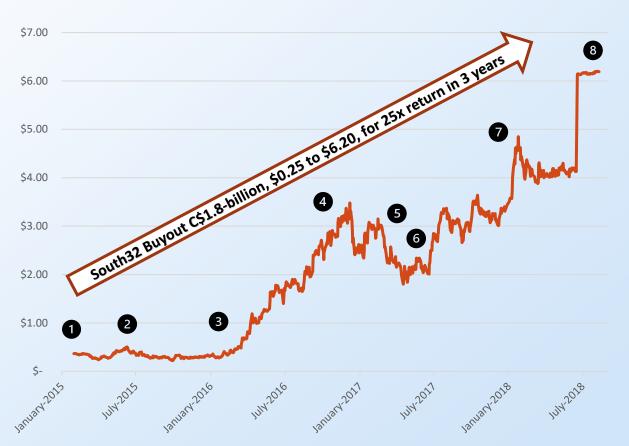


CRD Discovery Model – Arizona Mining

Arizona Mining - News Timeline

- **February 2015:** Insiders lend \$1.6 million to Company, Don Taylor appointed COO, resumes drilling
- 2 May 2015: Discovers new Hermosa NW sulfide mineralization
 - **February 2016:** Expands land position, acquires 100% interest in property, estimates large, new resource of 39.4 million tons @ 11% ZnEq
 - October 2016: Expands resource to 114 million ton @ 11% ZnEq
 - April 2017: First economic study, PEA estimates \$1.3 billion NAV, 42% IRR
- 6 May 2017: Raises \$110 million financing from South32
 - **January 2018:** Second economic study, PEA estimates 2.0 billion NAV, 48% IRR
- ⁸ June 2018: Accepts C\$1.8 all cash takeover offer (\$6.20 per share) from South32 Mining

Arizona Mining (TSX:AZ) shares went from \$0.25 per share prediscovery (2015) to \$6.25 per share post-acquisition (2018)





Primary CRD Target Undrilled

- Several historic core holes in the 1950's and 1989, targeting porphyry, skarn, and CRD mineralization (Newmont and Santa Fe)
- Most of the drillholes holes intersected deep, narrow to medium width, high-grade silver-polymetallic CRD manto and mineralization.
- Hole T-8 tested the deep Contention structure and returned the best result, 7.2 m
 @ 9.1% lead-zinc, 32 g/t Ag, 0.61% copper
- Tombstone clearly has deep Taylor CRD potential!

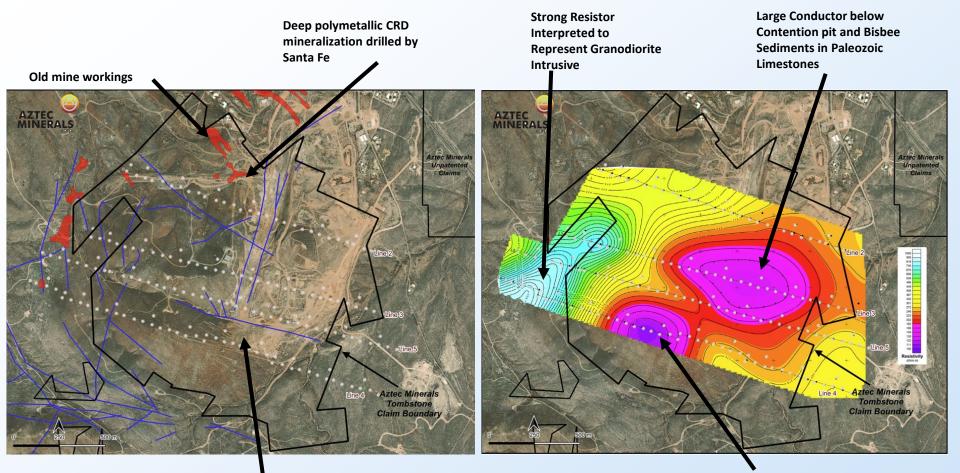
| DHH | From m | To m | Int m | Au g/t | Ag g/t | Cu % | Pb % | Zn % | Comments | Formation |
|------|--------|-------|-------|--------|--------|------|------|------|---------------------------------|-----------|
| UG-7 | 443.2 | 447.7 | 4.57 | ND | 43 | 0.02 | 3.7 | 2.7 | | |
| T-1 | 398.7 | 399.3 | 0.61 | 0.67 | 409 | 0.05 | 4.3 | 4.1 | Semi-massive manto | Epitaph |
| T-1 | 401.7 | 402.0 | 0.30 | 0.32 | 2407 | 0.03 | 0.8 | 1.1 | Argentite possible | Epitaph |
| T-4 | 402.3 | 403.3 | 0.91 | 0.14 | 917 | 0.09 | 1.3 | 1.6 | | |
| T-6 | 302.2 | 302.4 | 0.15 | 0.06 | 879 | 0.81 | 3.2 | 17.3 | Sulphide manto, high Zn & Ag | |
| T-8 | 656.5 | 663.7 | 7.2 | 0.06 | 32 | 0.61 | 6.5 | 2.6 | Skarn, oxidized | Escabrosa |

Historic CRD Intercepts

16 * Aztec has not verified the historic drill results and is not relying on them



Tombstone - NSAMT Lines and Plan, 600 m Deep



Smaller stronger conductor west of Contention Pit



Large scale structures

Tombstone Summary



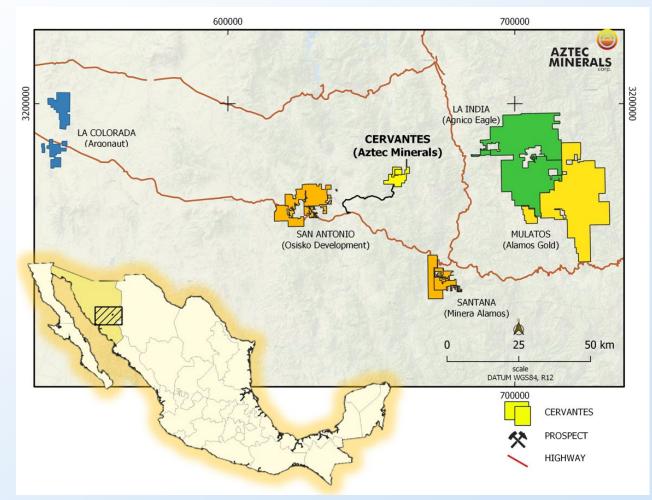
- Aztec is operator of 78:22 Tombstone JV with Tombstone Partners
- Well-located property, patented and unpatented land, permitted aggregate operation, road access, great infrastructure, historic mining town, full services including water and power
- A historic silver district that produced 32 million oz Ag and 250k oz Au from 1878-1939 from oxidized and reached CRD deposits and high-grade precious and base metals fissure stringer veins Qfp dikes and breccia bodies.
- 2020 2023 drill programs intersected extensive gold-silver mineralization along the 900m length and to over 245 m depth of the North-trending Contention pits
- The contention underground workings mined high-grade gold-silver mineralization to 1,000 ft depth in the late 1800s and early 1900s
- Contention open pits mined oxidized, mesothermal gold-silver mineralization in heap leach operations during the late 1980s
- Multiple prospective targets in Cretaceous and Paleozoic rocks related to the overthrust belt and Laramide structures with crosscutting Quartz feldspar porphyry dikes



Cervantes Project Location

Cervantes Project - 100% owned

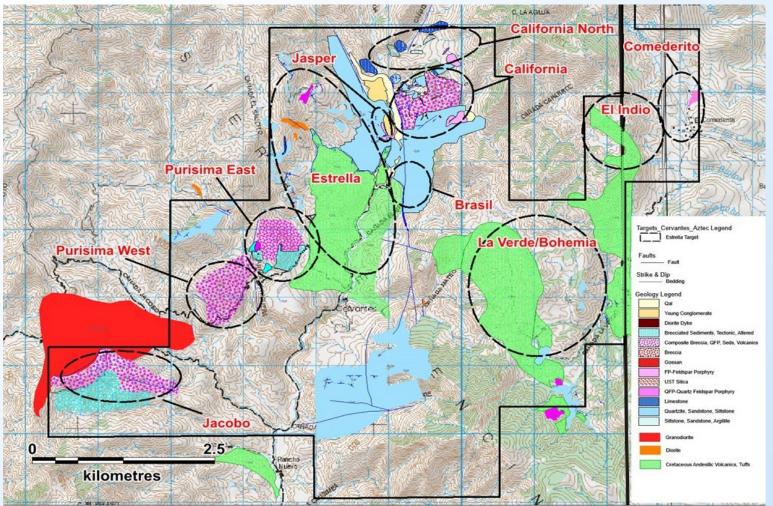
- Large well-located property (3,649 hectares), good road access, private surface, water wells
- Multiple mining operations nearby, well-established gold mining district
- Step-out exploration drilling program recently completed, targeting expansion of mineral deposit footprint along strike
- Potential delineation of a large shallow bulk mineable gold oxide deposit, attractive for future development





Cervantes Project Geology

- Multiple Exploration Targets
- Expansion drilling ongoing at California Target

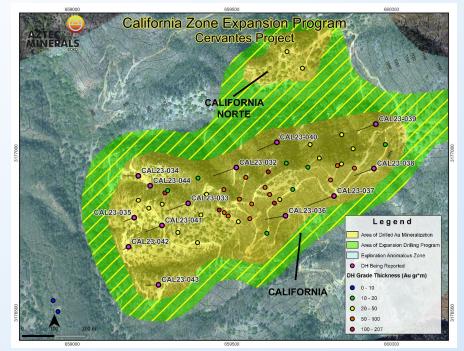




Aztec Minerals Corp. (TSXV: AZT, OTCQB: AZZTF)

California Zone Drilling Plan

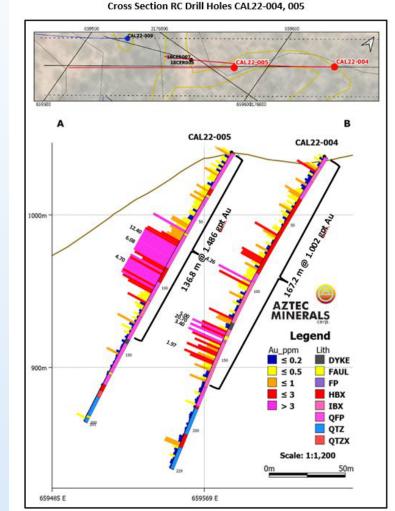
- Recently completed stage 3A RC drilling (1600m) of planned & permitted 4200m program
- Drilling now covers an area measuring approx. 1000m E-W by 730 wide N-S supporting continuous mineralization up to 170m depth vertically
- The oxidized gold surface mineralization is still open in all directions (1km x 1km)
- The California and California Norte targets appear to be merging from drilling and surface exposures







California Zone Drill Hole Results



CERVANTES PROJECT - CALIFORNIA TARGET

Drill Result Highlight:

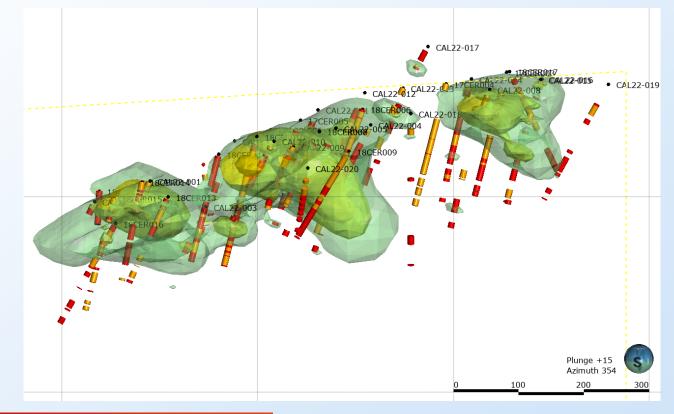
CAL22-005: 137m @ 1.49 gpt gold CAL22-004: 165m @ 1.00 gpt gold CAL22-012: 152m @ 0.87 gpt gold 18CER-010: 160m @ 0.77 gpt gold 17CER-005: 139m @ 0.71 gpt gold CAL22-001: 94m @ 1.04 gpt gold 17CER-003: 118m @ 0.63 gpt gold CAL22-006: 100m @ 0.75 gpt gold 18CER-007: 122m @ 0.60 gpt gold CAL22-010: 138m @ 0.53 gpt gold

* Please refer to summary news release dated June 14, 2022



California Zone Preliminary Model

- **Recent drilling results** support geological setting for multiple gold-hosted quartz porphyries
- Continuous expansion of quartz porphyry surface footprint towards the southern and northern portion of the California zones
- **Our shallow drilling program** aims to quickly delineate additional mineralization near existing zones using extensive drilling data from existing 67 holes and 12,142m drillhole database
- Recent Geological 3D Modelling, providing insights into targeting expansion of gold mineralization

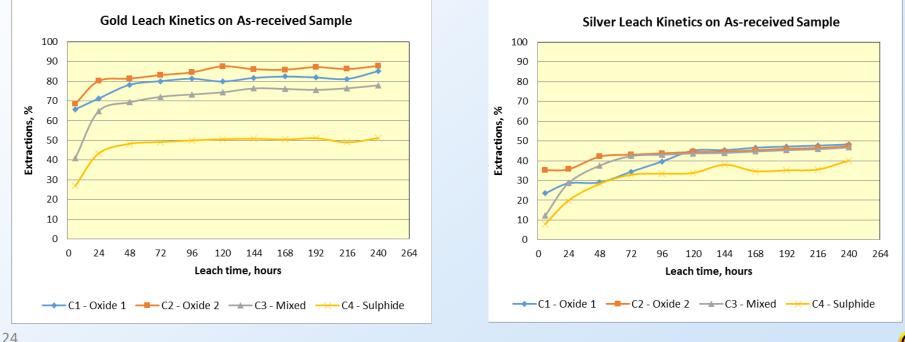




Excellent Metallurgical Results

Excellent bottle roll leach test gold recoveries from 7 drill holes

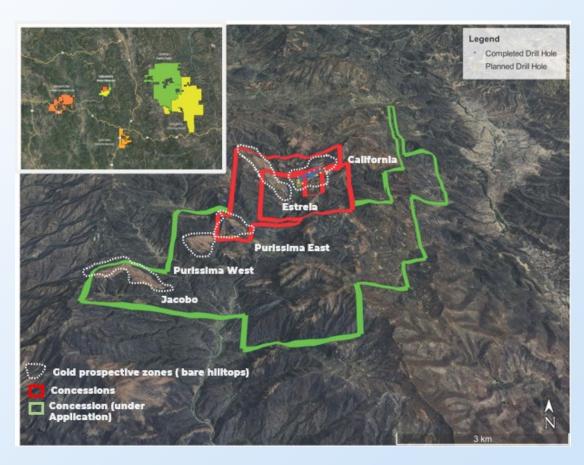
- Oxide Group 1 results: 85.1% gold and 48.3% silver
- Oxide Group 2 results: 87.7% gold and 47.3% silver
- Mixed Oxide/Sulfide Group 3 results: 77.9% gold and 46.7% silver
- Sulfide Group 4 Results: 51.2% gold and 40.1% silver
- Phase II Metallurgical Test Work Planned for 2024





Cervantes Summary

- Large well-located 100% owned property, (3,649 hectares) good road access, private surface, water wells
- Multiple prospective mineralized zones, related to high level porphyries and breccias along 6.0 km corridor
- Strong geochemical soil anomalies, California target averages 0.44 gpt gold over 900m by 600m
- Distinct geophysical anomalies, California target has magnetic, radiometric, IP chargeability anomalies
- Extensive gold mineralization in outcrop at California target, channel samples <0.47 gpt gold over 222m
- **Compelling drill results** 1.5 gpt gold over 137m hole length, 1.00 gpt gold over 165m, mineralization still open
- Aztec has drilled 67 holes for a total of 12,134m, 17 hole in 2017-18 (2,674m core), 37 holes in 2021-2022 (5,249m RC and 2,588m core), 2023 1,646m RC
- Excellent gold leach recoveries from metallurgical tests on California drill core, range from 75% 87%
- California target wide open laterally and to depth, IP anomaly strengthens and broadens to 500m depth





Simon Dyakowski, CFA, MBA, President & CEO, Director

Capital markets professional, +16 years of corporate development and capital markets experience, with an expertise in strategic planning and execution, financing and marketing of exploration companies

Allen David V. Heyl, B.Sc., CPG, VP Exploration

Professional geologist, 40 years' experience, has played key roles in the discovery and evaluation of more than 30 million oz gold and 25 million tonnes copper in reserves and resources in the Americas

Blaine Bailey, CGA, CPA

Chartered Professional Accountant, CGA working with public and private companies listed on the TSX, TSXV and NYSE over the past 20 years.

Mark Rebagliati, B.Sc., P. Eng., Director

Renowned geologist, managed several major porphyry discoveries for Hunter-Dickinson Group, Member of Canadian Mining Hall of Fame

Patricio Varas, B.Sc., P. Geo., Director

Founder and Chairman of Western Potash and Boreal Metals, +30 years experience

Jim Schilling, Director

+30 years of experience in Canadian and U.S. Financial markets, founder of West Coast Consulting in Portland

Stewart Lockwood, LLB, MBA, Director and Corporate Secretary

Partner with McCullough O'Connor Irwin LLP,+30 years experience in corporate, mining and securities law

Daniel Schieber, Strategic Advisor

CIO at Dynamis Capital Corp., focused on long-term investments with emphasis on gold and silver

Marcio Fonseca, P.Geo, Strategic Advisor

26 Mining executive with 30+ years of experience with large mining corporations and global investment banks



Contact Information



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