



PACIFIC BAY
MINERALS

TSXV: PBM



ATLIN GOLDFIELDS

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ATLIN GOLDFIELDS - OPPORTUNITY



“Atlin is a game changing opportunity for Pacific Bay. Our plan is to increase the resource by focusing on developing the entire mineralized corridor.”

- Sebastien Ah Fat, VP Exploration



ATLIN GOLDFIELDS - HIGHLIGHTS

- Underexplored, district-scale gold property with 59,154 hectares of mineral tenures.
- Prospective for high grade orogenic gold deposit systems including the Yellowjacket high grade gold deposit.
- 200 ton-per-day mining permit (Yellowjacket Mine) and MYAB exploration permits already in place.
- Excellent access to infrastructure (airstrip, roads, communities, cities).
- Top-tier mining jurisdiction



LOCATION

Located In Northwest British Columbia

East of Atlin, BC (A)

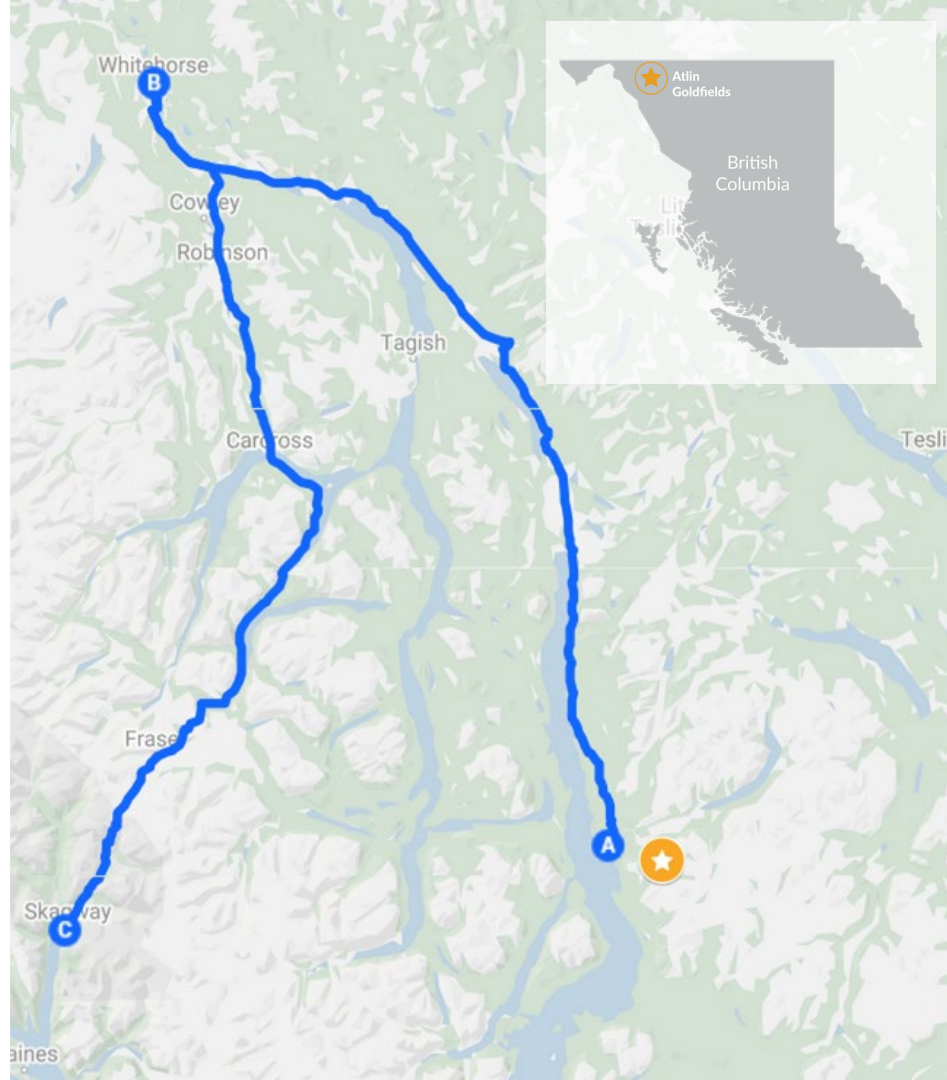
- Airstrip
- Year-round road access

175 km Southeast of Whitehorse, Yukon (B)

- Flights from Vancouver, BC and Calgary, AB
- All amenities to service exploration
- Paved highway to Atlin, BC

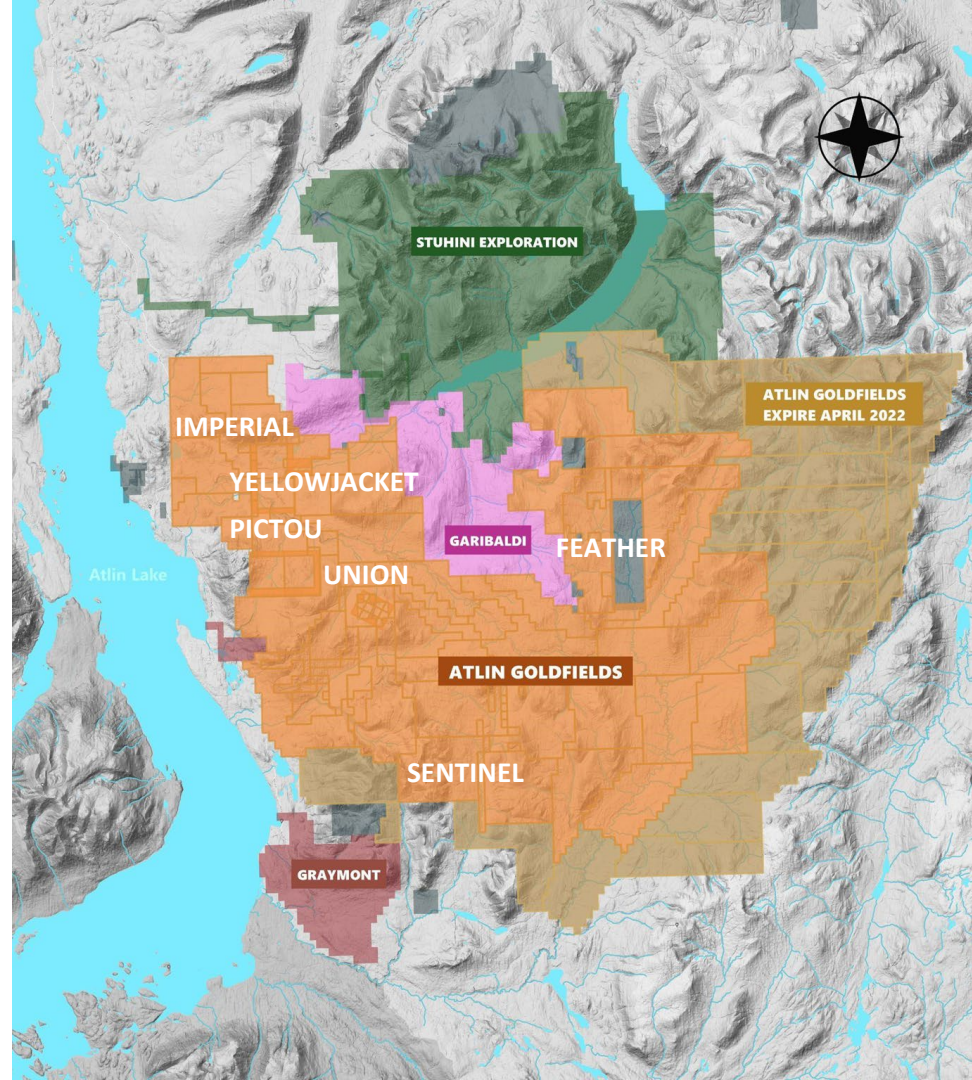
249 km East of Skagway Port (C)

- Port access



PROPERTY OVERVIEW

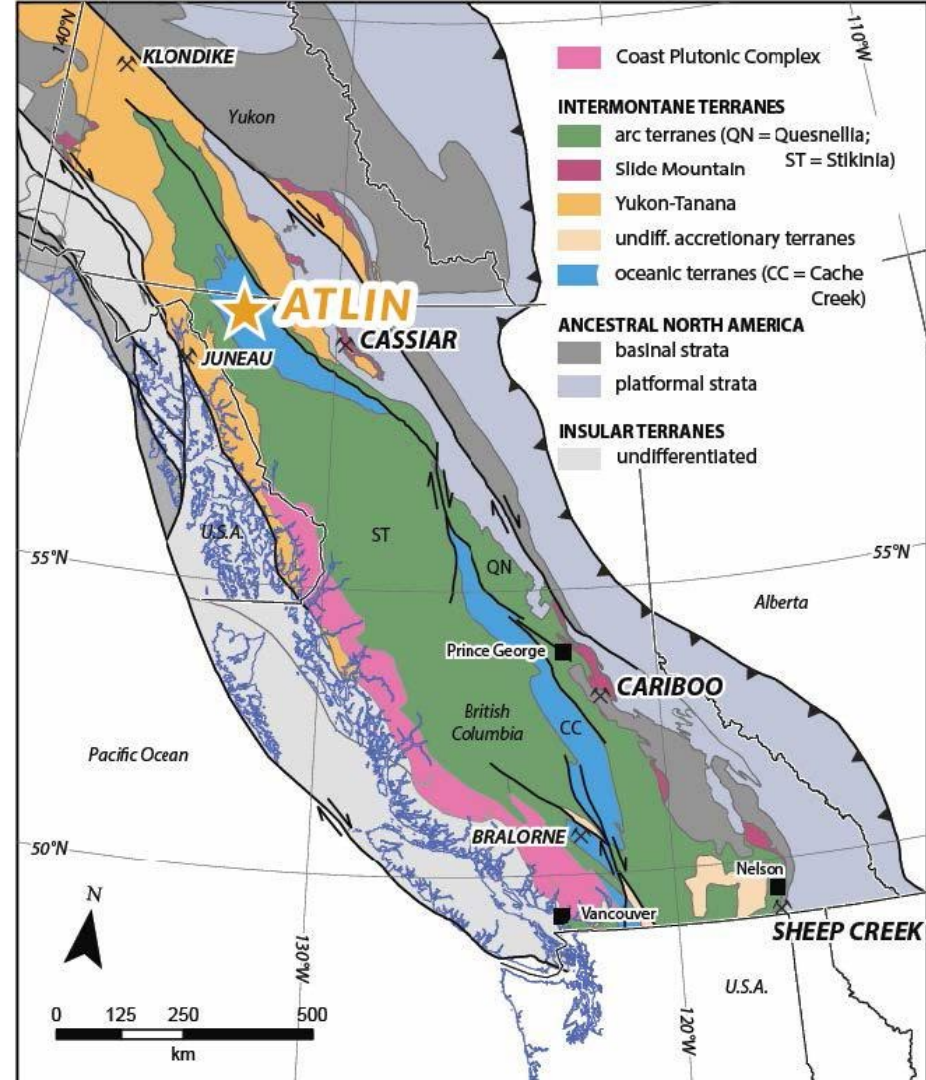
- **93,698 hectares of Mineral Tenures**
 - Reducing to 59,154 ha (April 7, 2022)
- **Brownfield Sites**
 - Yellowjacket
 - Imperial
 - Pictou
- **Greenfield Sites**
 - Union
 - Sentinel
 - Feather



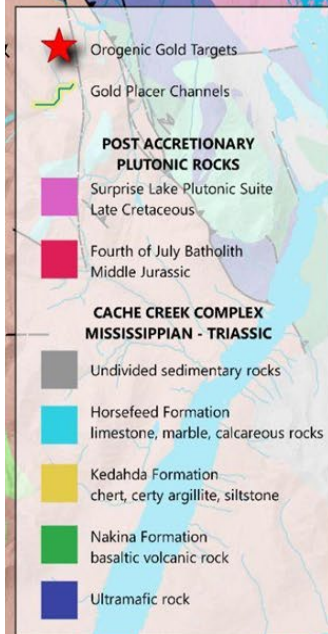
TERRANE

Cordilleran Orogenic Gold Deposits Cache Creek Terrane (blue on map)

- Significant portions of the land package overlie an accretionary thrust complex known as the Cache Creek Complex, within the Intermontane Terranes
- **Atlin Ophiolite Assemblage:** shallow thrust fragments of oceanic and upper mantle rocks
- **Atlin Accretionary Assemblage:** predominantly deeper and younger sequence of metasedimentary and limestone rocks
- Orogenic shear zone corridors along the contact of both assemblages are highly prospective for mesothermal gold mineralization



OROGENIC TARGETS



Atlin Lake

IMPERIAL

PICTOU

YELLOWJACKET

LD

UNION

SENTINEL

Western portion of the land package is highly prospective for orogenic gold

Correlates strongly with major placer gold channels and historical production

Besides Yellowjacket, other targets are underexplored with limited drilling

Orogenic gold is often associated with placer gold due to the nugget-like effect of deposition



YELLOWJACKET MINE – DRILLING & RESOURCE

2009 Historic Mineral Resource Estimate - Yellowjacket Mine*				
Class	Tonnage	Gold (g/t)	Ounces	Cut-off Grade (g/t)
Inferred	133,000	5.8	24,000	1.5

- **Significant Drilling:** A total of 18,775 metres of diamond drilling distributed over 142 drillholes
- **Shallow Hole Depth:** Longest hole depth is 276 metres with average hole depth of 132 metres
- **Bonanza Gold Results:** Mesothermal gold mineralization is often nuggetty - Highest recorded drill interval of 62.79 metres grading 49.80 gpt Au (YJ03-01)
- **Opportunity:** Historic drilling has been focused on singular quartz vein drilling. Opportunity to explore the entire mineralized shear zone corridor with deeper holes.

**Resource estimate for the Yellowjacket mine from report "Technical Report Yellowjacket Gold Project" prepared by Linda Dandy and B.J. Price Geological Consultants Inc., dated January 27, 2010. A qualified person has not done sufficient work to classify the historic estimate as current mineral resources or mineral reserves. As such the issuer, Pacific Bay, is not treating this historical estimate as current mineral resources or mineral reserves.*



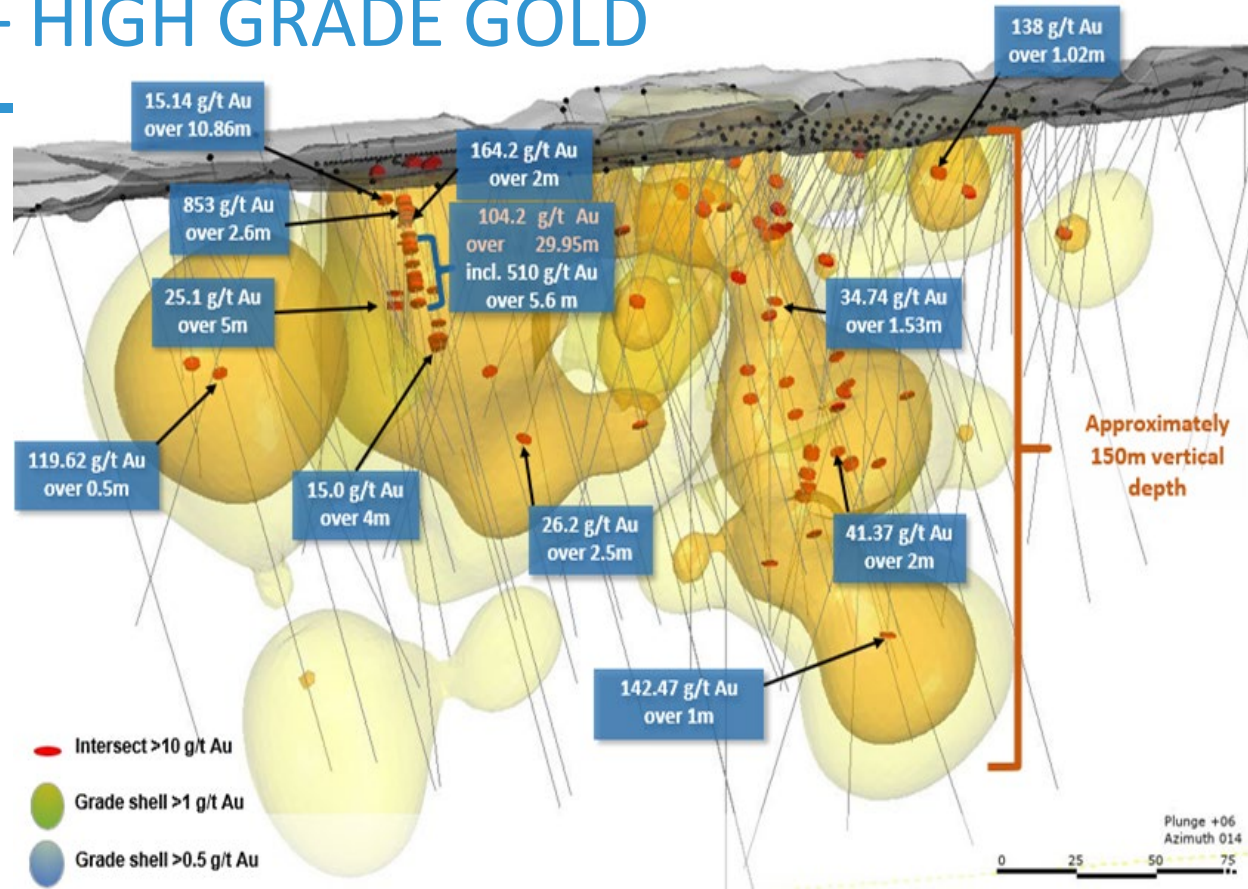
YELLOWJACKET – HISTORICAL DRILL RESULTS

- Historical drilling at **Yellowjacket** totals 25,767 metres distributed over 319 drillholes.
- Several holes yield excellent gold results.
- Select historic drill holes are shown in this table.

Hole ID	From (m)	To (m)	Interval (m)	Au (gpt)	Grade Thickness (gpt * m)
YJ03-01	11.28	74.07	62.79	49.80	3,127
<i>including</i>	<i>13.94</i>	<i>15.62</i>	<i>1.68</i>	<i>1671.54</i>	<i>2,808</i>
<i>including</i>	<i>35.66</i>	<i>44.50</i>	<i>8.84</i>	<i>20.12</i>	<i>178</i>
TW05-02 (twined Y03-01)	10.67	71.32	60.65	14.25	864
<i>including</i>	<i>10.67</i>	<i>12.79</i>	<i>2.12</i>	<i>288.22</i>	<i>611</i>
<i>including</i>	<i>37.50</i>	<i>38.50</i>	<i>1.00</i>	<i>86.83</i>	<i>87</i>
YJ04-07	20.00	60.96	40.96	6.48	265
<i>including</i>	<i>53.40</i>	<i>54.45</i>	<i>1.05</i>	<i>221.13</i>	<i>232</i>
YJ04-20	9.75	146.00	136.25	1.36	185
<i>including</i>	<i>140.00</i>	<i>141.00</i>	<i>1.00</i>	<i>142.40</i>	<i>142</i>
YJ04-22	8.69	125.58	116.89	0.94	110
YJ04-29	67.20	70.50	3.30	18.35	61
YJ04-35	104.25	109.30	5.05	12.21	62
YJ04-01	92.00	93.50	1.50	43.23	65

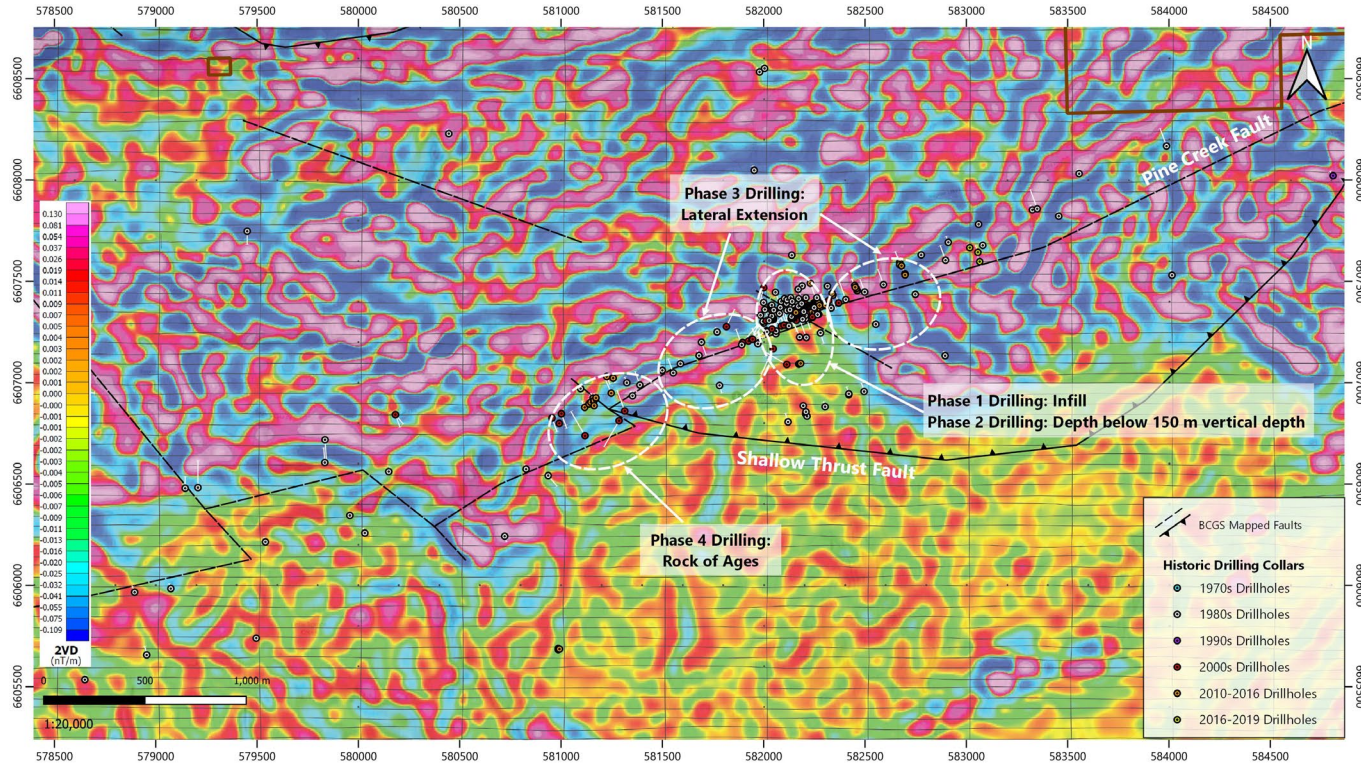
YELLOWJACKET – HIGH GRADE GOLD

Yellowjacket 3D model displaying idealized gold grade-shells for pre-2018 drilling (Northerly view).



Readers are cautioned that a Qualified Person for Pacific Bay has examined but not done sufficient work to verify the historical drilling results, and there is a risk that any future confirmation work and exploration may produce results that substantially differ from the historical results. Pacific Bay considers these drilling results relevant to assess the mineralization and economic potential of the property.

Multi-Phase Drill Program



PBM is planning a multi-phase drill program, with Phase One anticipated to commence in 2022.



PBM PROPERTY SUMMARY



Atlin Goldfields

District scale, high-grade gold prospect. Largest gold nugget in BC (Spruce Creek, 77 troy ounces, 1899).

Wheaton Creek Gold

Located in the Skeena Mining Division of Northern BC. 4th largest gold nugget in BC (Alice Shea, 52 troy ounces, 1937).

Haskins Reed

Zinc, Silver, Lead, Copper, and Bismuth skarn replacement prospect. 200+ drill holes and substantial underground development completed.

Weaver Lake Gold

Located approximately 90 km east of Vancouver. The property consists of narrow quartz vein prospects with gold and silver mineralization.



PACIFIC BAY MINERALS – TSX.V: PBM

Experienced board with decades of experience running public companies.

Track record of uncovering prospective assets with production potential.

Energetic team hungry to capitalize on the precious metals bull market.

Innovative problem solvers with a unique process to identify undervalued assets.

Strong communicators who understand the market.



PACIFIC BAY: BOARD OF DIRECTORS



David Brett MBA

Chair of the Board

35+ years of experience in exploration, development, operations, and executive management in the mining sector.

CEO of EnGold Mines Ltd.



Antonio Vespa P.Eng

CEO, Director

10+ years of experience in engineering, project management, planning, and operations in the natural resource sector.



Cameron MacDonald

Independent Director

18+ years of experience in capital markets and operations from over 80 public and private companies.

Director of Aurwest Resources

CEO of Tenth Avenue Petroleum



William Smith QC

Independent Director

40+ years of experience in legal, capital markets, management, and board governance in the natural resource and industrial sectors.

Chair of Prospex Energy PLC.



Frank Moyle BSc

Independent Director

25+ years of experience in exploration, development, and operations in the mining and oil & gas sectors.

PACIFIC BAY: MANAGEMENT



Antonio Vespa P.Eng
President & CEO

10+ years of experience in engineering, project management, planning, and operations in the natural resource sector.



Lea Brett
CFO

30+ years of experience in financial and corporate governance in the mining sector.



Sebastien Ah Fat P.Geo
VP Exploration

10+ years of experience in exploration, mine geology, development, and operations in the mining and oil & gas sectors.



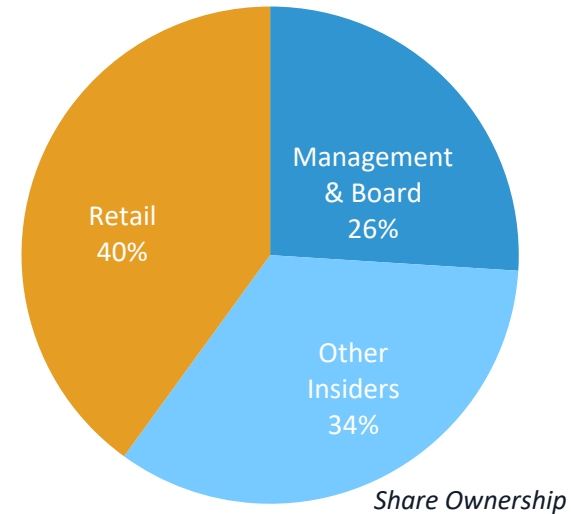
Helder Carvalho
VP Corporate Dev.

10+ years of experience in marketing, corporate development, and business analytics in the natural resources and aviation sectors.



PBM CAPITAL STRUCTURE

Shares Outstanding	24,266,584
Warrants	7,752,423 (\$0.10)
Options	1,400,000 (\$0.15)
Fully Diluted	33,419,007



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