



**Gold, Silver and Base Metal Potential  
Sullivan Mining District and Vulcan Gold Belt  
(TSX-V: PJX)**

# Disclaimer

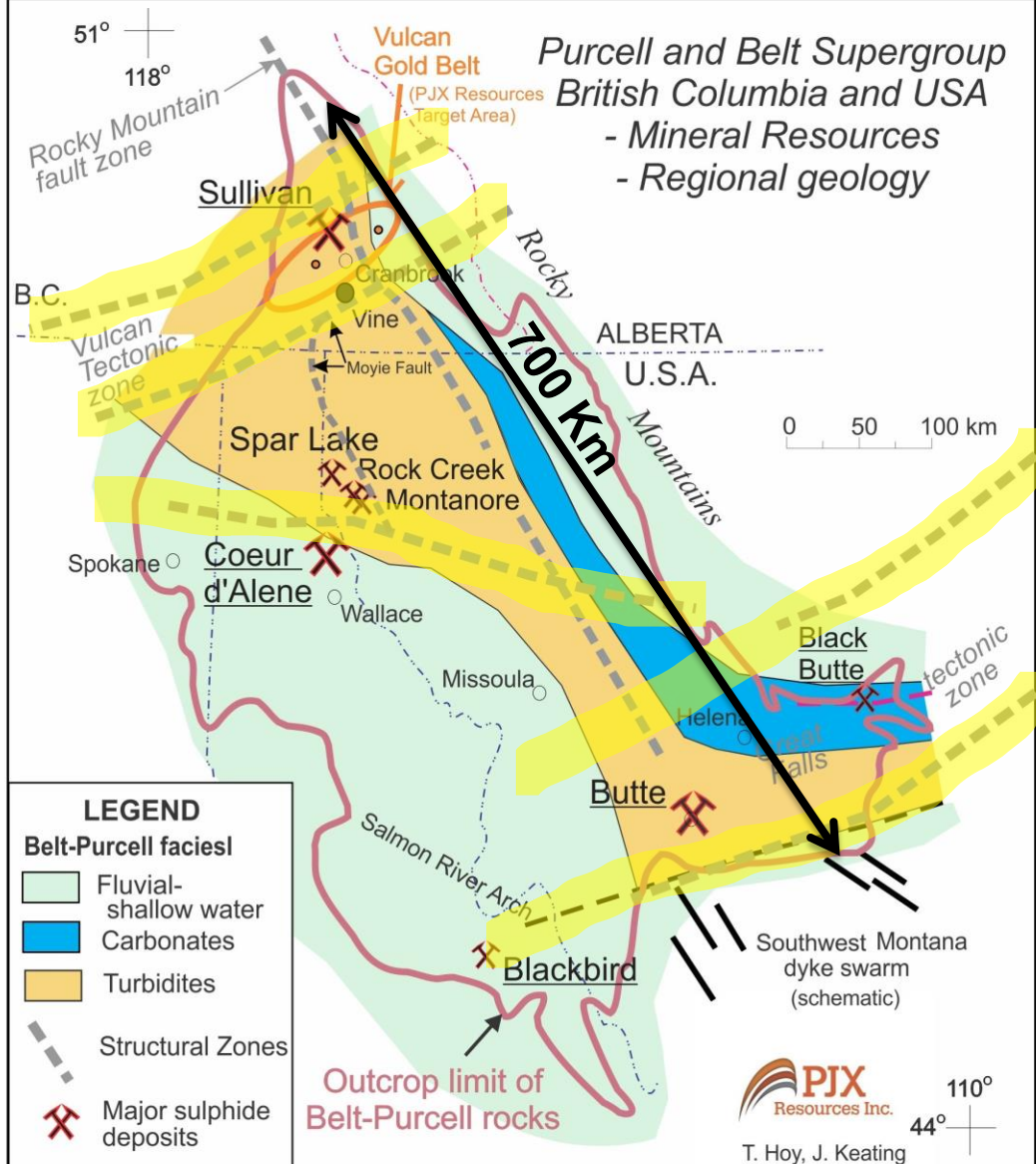
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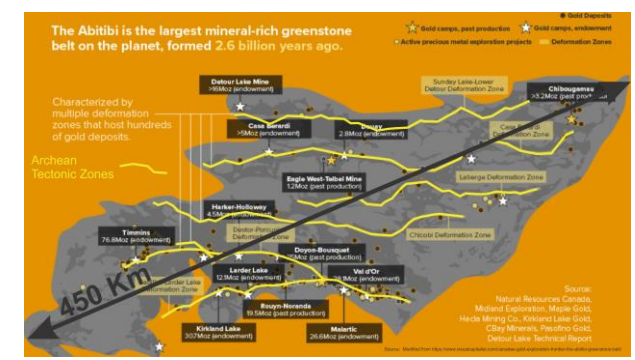
Geological information has been reviewed by John Keating, P.Geo. (a qualified person for the purpose of National Instrument 43-101 Standards of Disclosure for Mineral Projects). Mr. Keating is the President, CEO and a Director of PJX.

**THIS IS NOT AN OFFER OR SOLICITATION FOR THE PLACEMENT OF SECURITIES.**



Deposit	Tonnage	Grades
Sullivan	160 mt	5.86% Zn 6.08% Pb 67g/t Ag
Coeur d'Alene	109 mt	2.62% Zn 6.66% Pb 313 g/t Ag
Montanore	136 mt	0.78% Cu 60g/t Ag
Blackbird	0.96 mt	1.5% Cu 0.6% Co
Black Butte	6.60 mt	2.67% Cu 0.11% Co 14.4 g/t Au
Butte District	5400 mt	0.49% Cu 0.033% Mo 4.8g/t Ag

## Size Comparison Belt-Purcell Basin to Abitibi Greenstone Belt (approximate same scale)



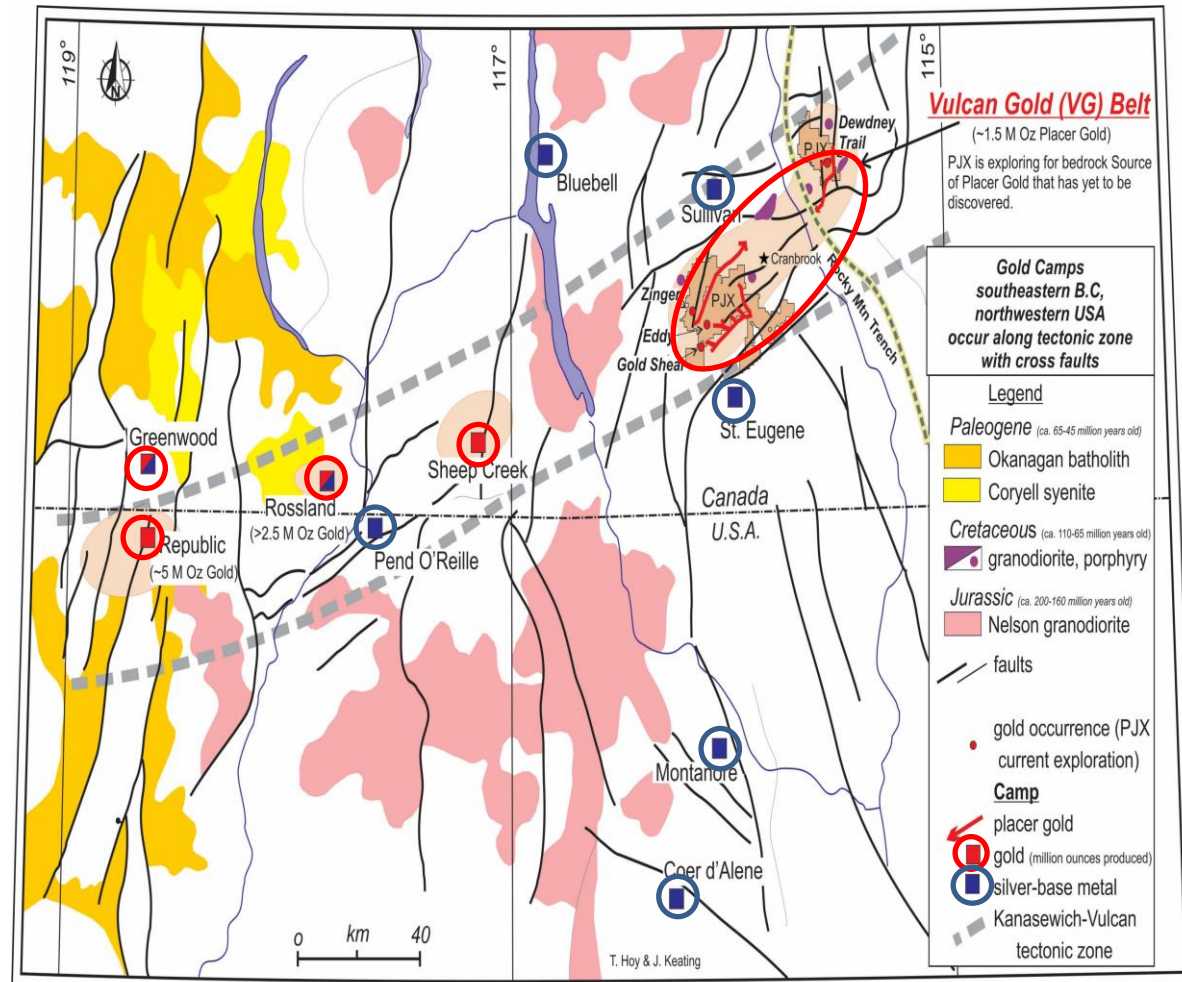
Abitibi Greenstone Belt

- PJX Resources' properties are in the Sullivan Mining District of the Belt-Purcell Basin geological environment.
- Belt-Purcell Basin is of a size with large mineralizing systems that rivals other geological environments producing large mineralizing systems and mining districts around the world, such as the Abitibi.

# Sullivan Mining District - Vulcan Gold Belt

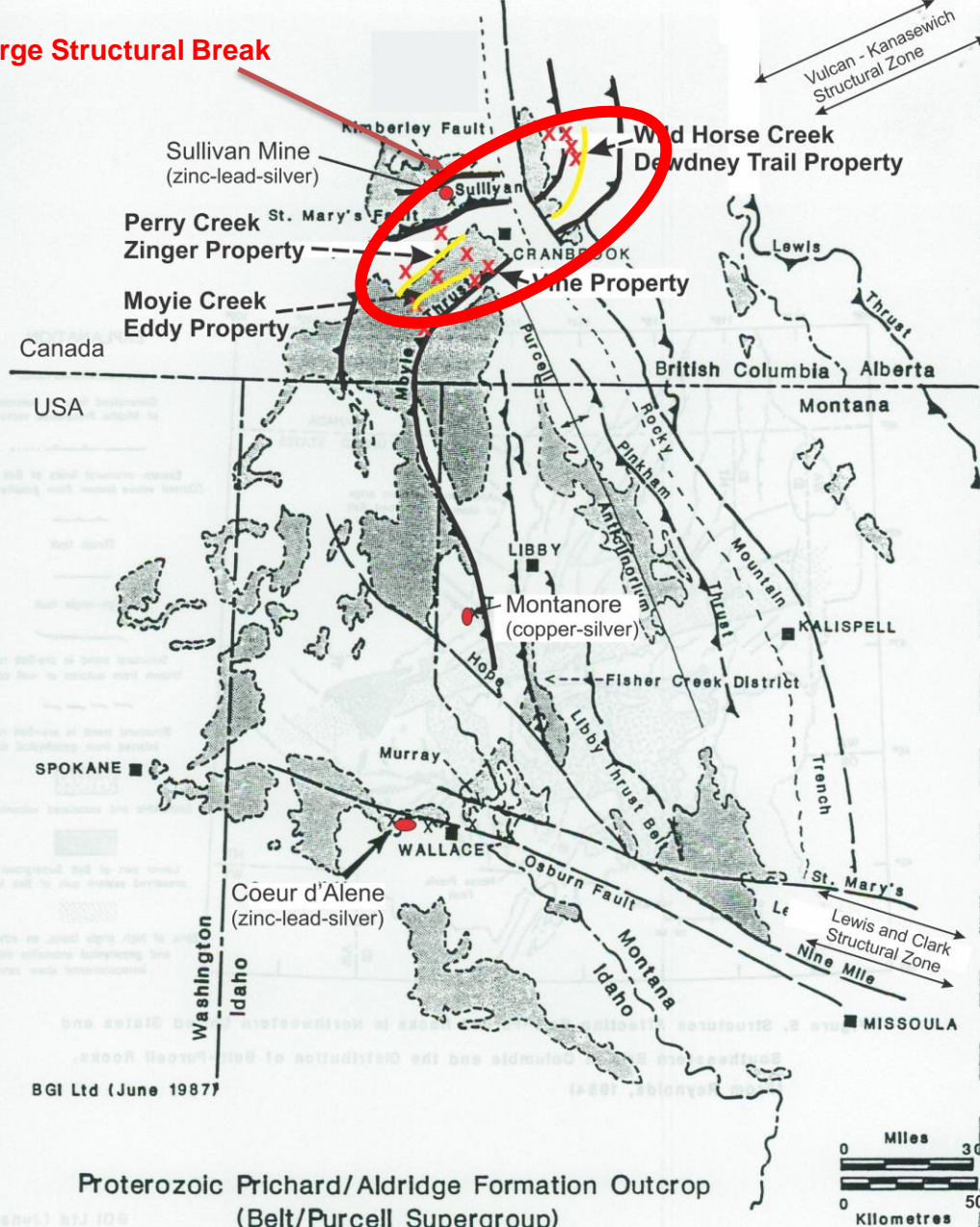
## Regional Geology and Deposits

- Two crustal penetrating structures are associated with mining districts and deposits in Canada and the USA.
  - Vulcan Tectonic Zone – Sullivan Mining District, Republic Mining District, Rossland, Sheep Creek, Pend O'Reille.
  - Rocky Mountain-Tintina Fault Zone – Fort Knox, Pogo, Butte Mining District.
- Only place in North America where the 2 structures intersect is the Sullivan Mining District where there is the
  - Sullivan Mine, and
  - three separate large creek drainages with placer gold for over 60 km.





## Large Structural Break



X — PJX Target Areas  
(gold, silver, zinc-lead, copper)

-13-

Figure 6

(Base Map Source: Proterozoic Stratiform-Stratabound Gold Deposits, Huebschman & Boberg, 1987)

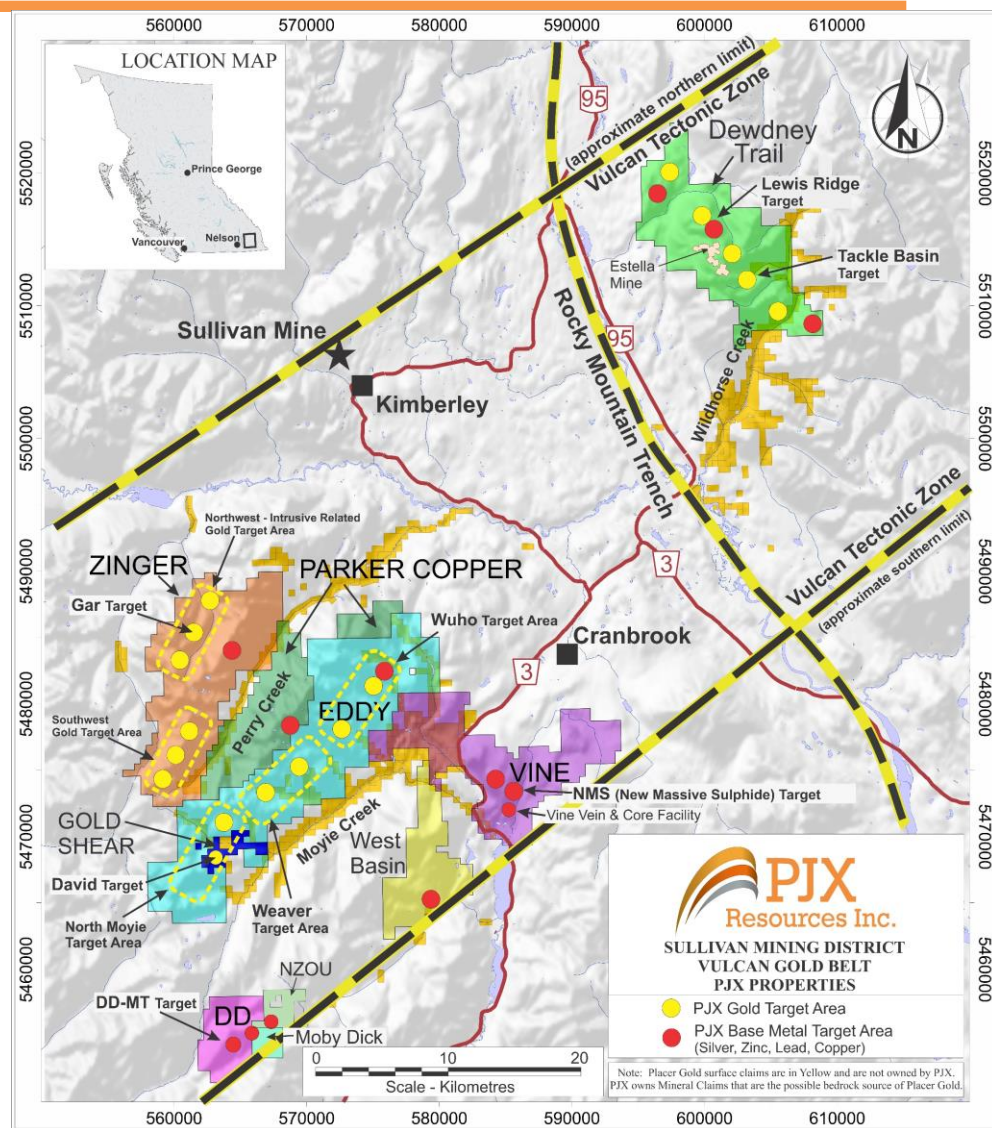
Sullivan Mining District occurs at one of the largest structural breaks in North America that has produced an over 60km long and over 30km wide dilation zone allowing intrusives and metal bearing fluids to form deposits throughout geological history (Proterozoic to Cretaceous and possibly Eocene).

# Sullivan Mining District – Vulcan Gold Belt

## PJX Gold & Base Metal Properties

PJX has

- Consolidated 100% of the mineral rights to the largest land position in the Sullivan Mining District over 10 years since going public.
- Accumulated historical data estimated at over \$25 million in value.
- Compiled historical data and identified data gaps.
- Infilled data gaps with new mapping, geochem sampling, ground and airborne geophysics, trenching, strategic drilling, and computer modelling.
- Identified over 20 target areas with potential to host gold and base metal deposits ranging from
  - Sediment hosted type zinc, lead, silver, cadmium, gallium, and/or cobalt (such as Sullivan),
  - Sediment hosted copper type (such as Montanore, Spar Lake, Kamo, etc.),
  - Orogenic gold type (such as Sukoi log, Telfer, Bendigo, Fosterville, etc),
  - Intrusive Related gold and/or copper deposit types (such as Pebble, Fort Knox, etc.), to
  - Iron Oxide Copper Gold (IOCG) type.

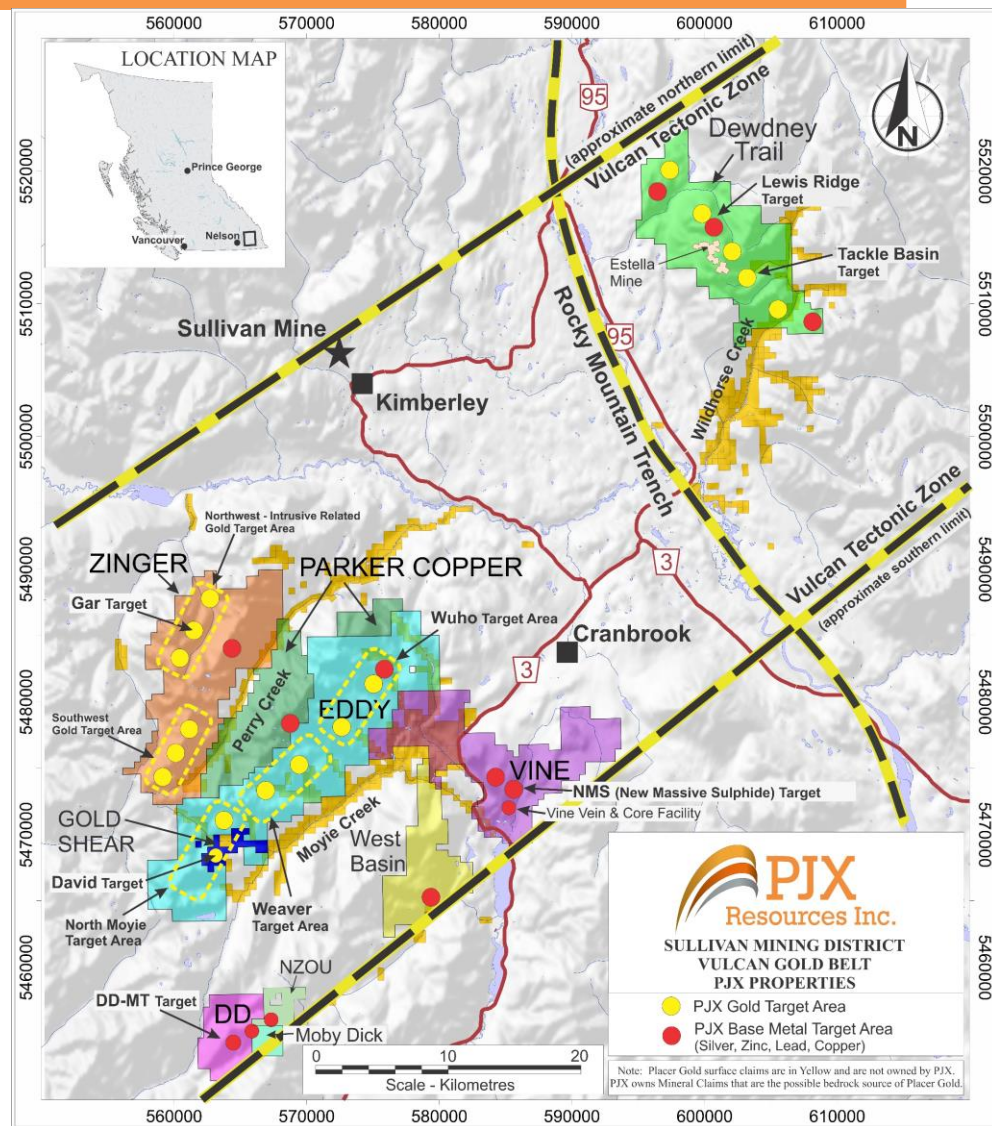




# Sullivan Mining District – Vulcan Gold Belt

## PJX Gold & Base Metal Properties

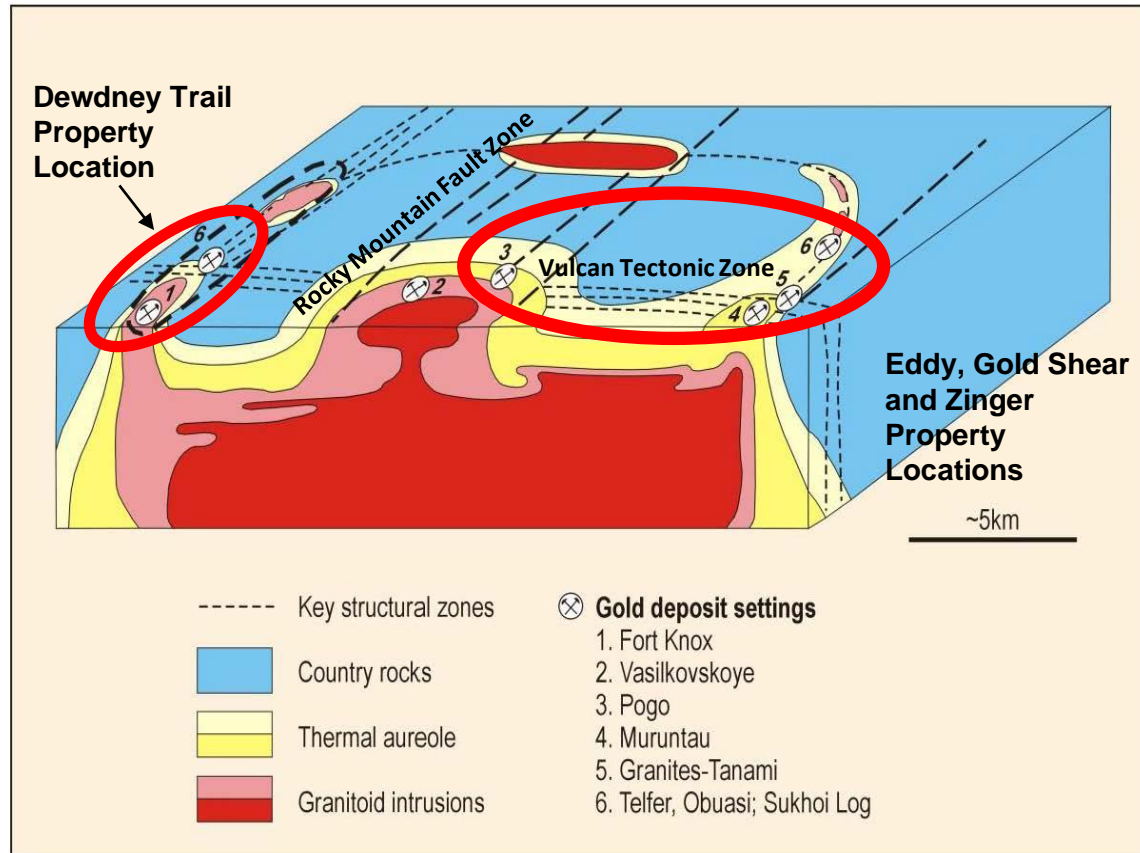
- Eight 100% owned properties with gold and base metal deposit potential.
- Claims cover +500 km<sup>2</sup> over aggregate 50 km strike.
- Over 20 gold and base metal targets identified to date.
- 3 gold properties each cover an area similar in size to Timmins and other gold mining camps.
- Infrastructure excellent:
  - Roads
  - Water
  - Power
  - Rail
  - Services.
- Politically safe jurisdiction; Southeast British Columbia, Canada.
- Supportive local communities.



# Sullivan Mining District - Vulcan Gold Belt

## Geological Interpretation – PJX Properties

- Vulcan Gold Belt geological interpretation based on Intrusive Related (thermal aureole) Gold Model with Orogenic Type gold potential.
- Intersection of major deep penetrating structural zones form pathways for intrusive complexes that generate large mineralizing systems.
- Large mineralizing systems have potential to host world class gold deposits such as:
  - Fort Knox (>5mm oz, Alaska)
  - Vasilkovskoye (13 mm oz, Kazakhstan)
  - Pogo (>5mm oz, Alaska)
  - Muruntau (>100mm oz, Uzbekistan)
  - Granites-Tanami (>13mm oz, Australia)
  - Telfer (>31mm oz, Australia)
  - Obuasi (>49mm oz, Ghana)
  - Sukhoi Log (>30mm oz, Russia).



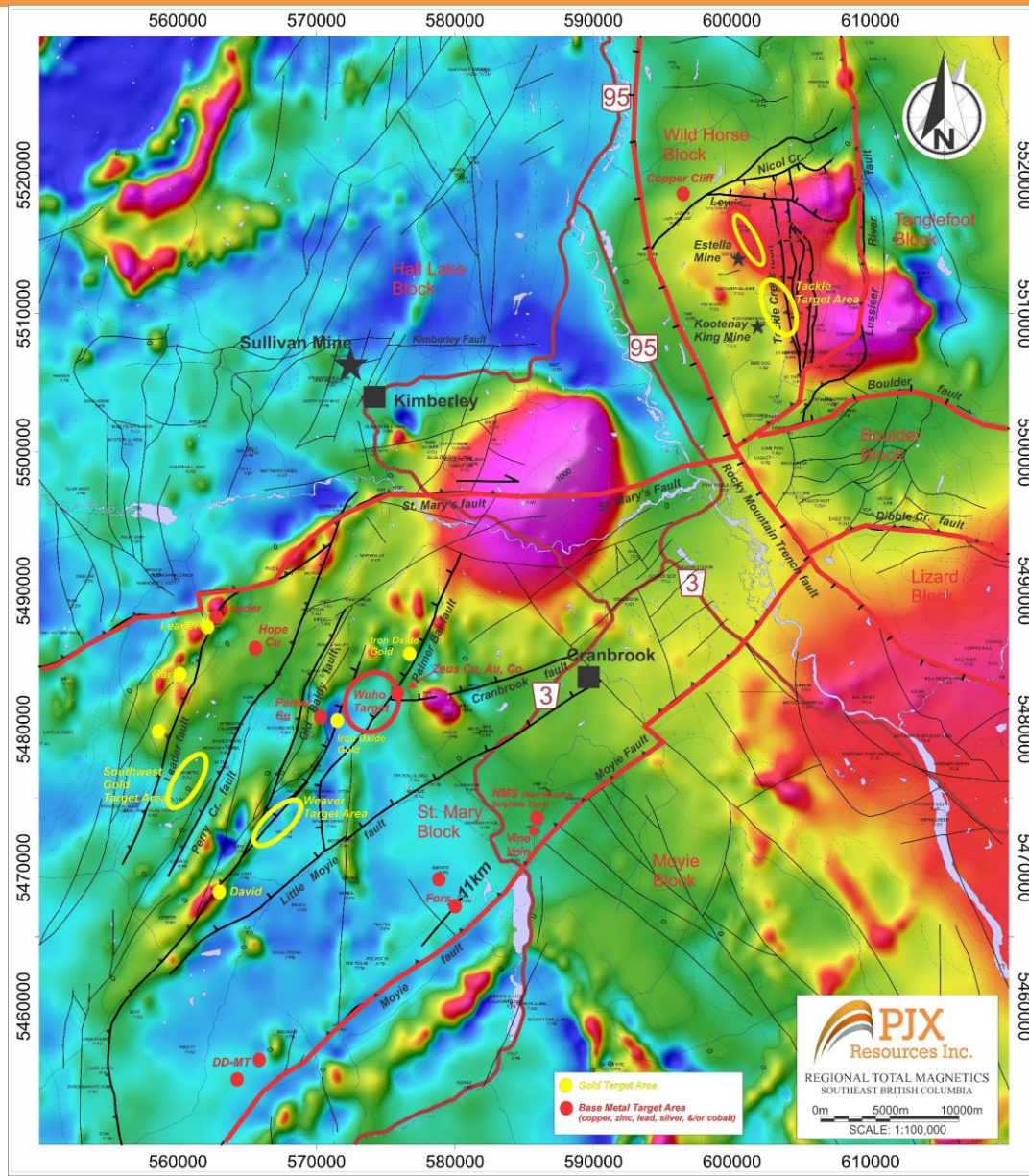
3D-Model of Thermal Aureole Gold (TAG) Deposits with Vulcan Gold Belt features

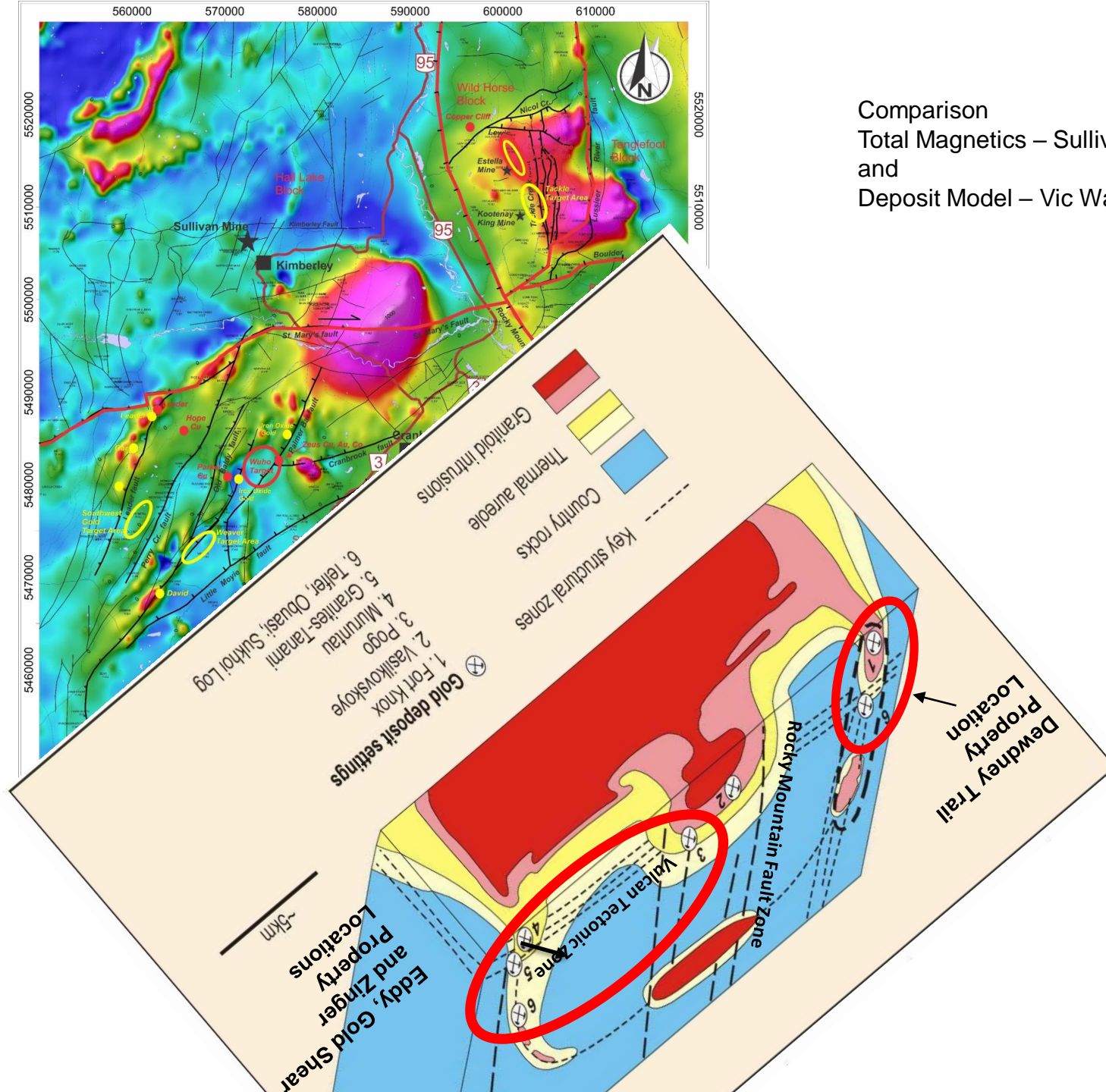
Source: Vic Wall and associates - (Vic Wall and Jeff Taylor were winners of the 2000 Gold Corp Challenge)



# Sullivan Mining District

## Total Magnetics showing some of PJX's Target Areas





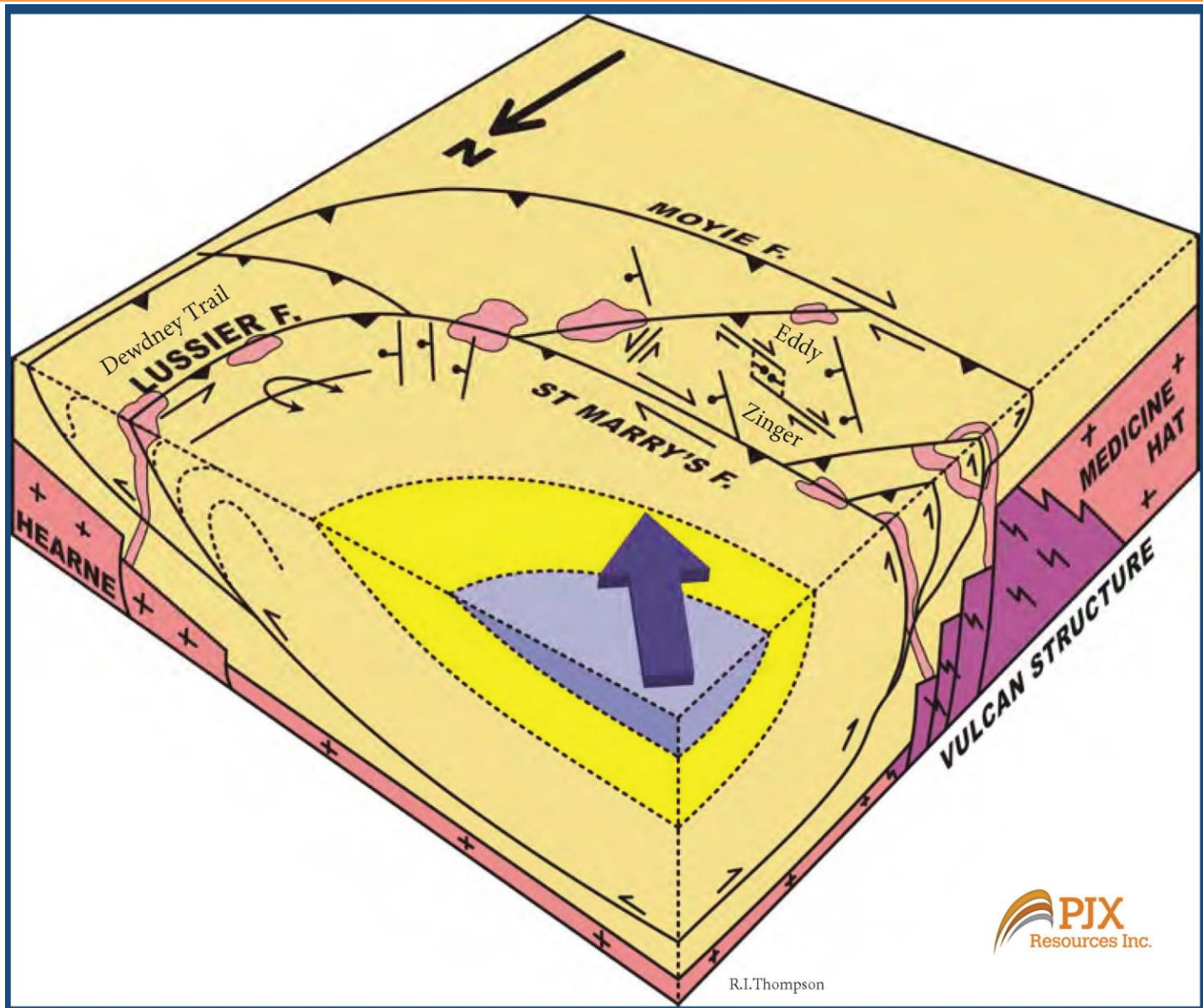






# Sullivan Mining District

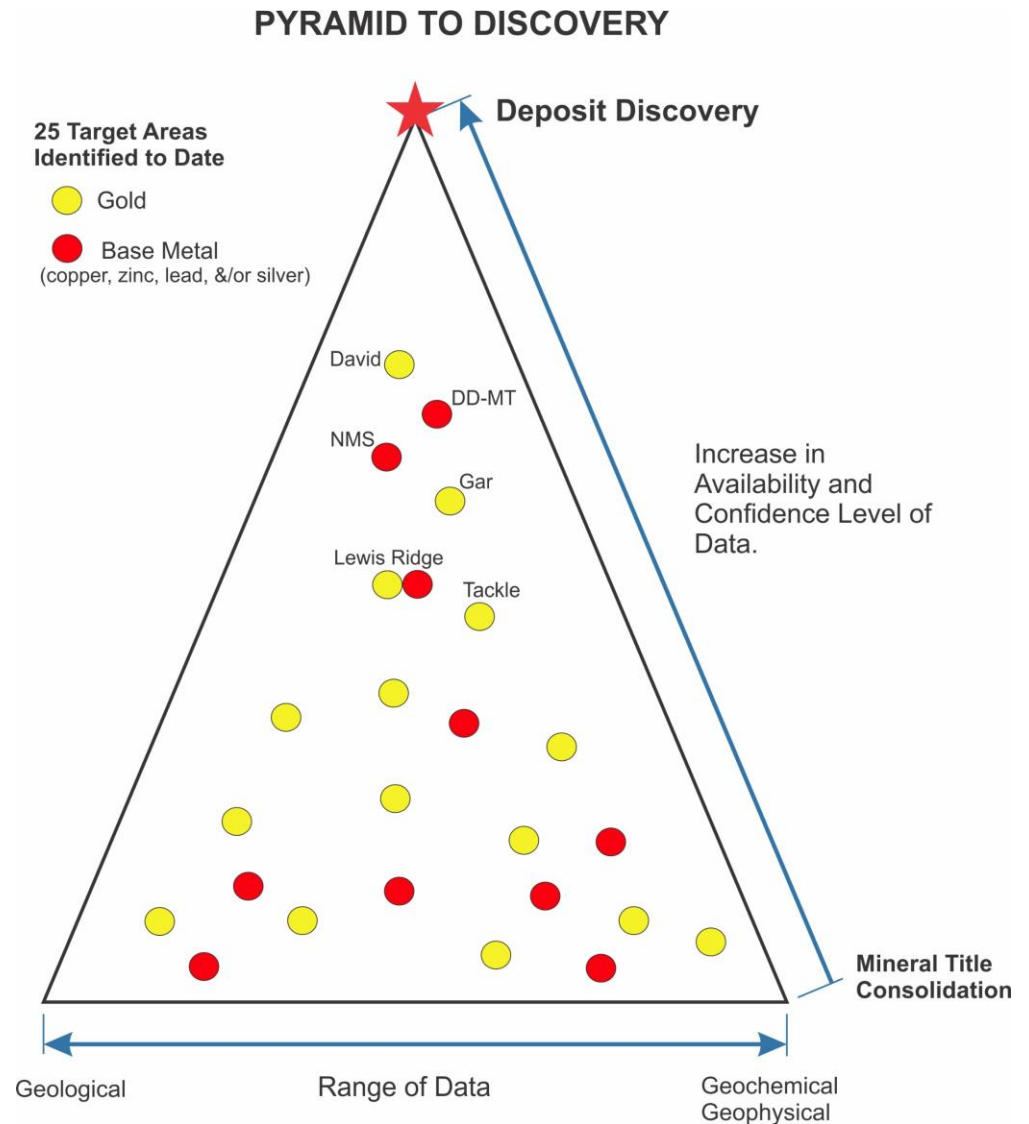
## Regional Structural Schematic showing relative location of PJX's Dewdney Trail, Zinger and Eddy Properties



# Sullivan Mining District – Vulcan Gold Belt

## PJX Resources – Pyramid To Discovery

- Greater the number of targets = greater potential to make a new discovery.
- Target areas are identified by compiling existing data and infilling data gaps with new prospecting, mapping, geochem (rock, soil silt) sampling, geophysics, trenching, drilling and computer modelling.
- Increased knowledge and confidence in data supporting deposit potential advances a target closer to a discovery.
- Range of unknown data narrows as targets move up the pyramid to a discovery.
- Names are given to more advanced targets.



# Directors' and Officers' Biographies

## Experienced Management Team and Board of Directors

### Over 150 years of Mineral Industry Experience

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#### ***John Keating, PGeo – Chief Executive Officer, President and Director***

Mr. Keating has over 35 years of experience in the mining and exploration industry. He conducted early and advanced stage exploration with Noranda and was a global commodity analyst providing supply, demand and price forecasting for gold, silver, and base metals, and negotiated the resolution of tariff and non-tariff barriers to trade in metals for the Federal Government of Canada. Previously, Mr. Keating was President and Chief Executive Officer for Black Bull Resources and Golden Chalice Resources. Mr. Keating holds a BSc(Geology) from Concordia University, Montreal, Quebec.

#### ***Linda Brennan – Chief Financial Officer, Corporate Secretary and Director***

Ms. Brennan has over 20 years of providing strategic advice and organizing and structuring financings to numerous early stage companies in the junior resource sector. She brings knowledge of finance, accounting and public markets to PJX. She has also served in the capacity of corporate secretary for several TSXV listed companies. Ms. Brennan holds Business Administration and Bachelor of Commerce degrees from the University of Victoria and Royal Roads University, respectively.

#### ***James Clare – Director***

Mr. Clare is a member of the Canadian Bar Association and a Partner with Bennett Jones LLP. Mr. Clare practices in the areas of corporate and securities law, with an emphasis on corporate finance and mergers and acquisitions. Mr. Clare's practice is focused on the mining and oil and gas sectors. His transactional experience includes domestic and cross-border public and private corporate finance transactions, representing issuers and agents as well as merger and acquisitions transactions. He also advises public issuers on general corporate and securities law matters including stock exchange listings, continuous disclosure obligations and other regulatory compliance issues. Mr. Clare holds Bachelor of Laws and Bachelor of Arts degrees from the University of Western Ontario and Acadia University, respectively.





# Directors' Officers' and Advisor Biographies

## Experienced Management Team and Board of Directors

### Over 120 years of Mineral Industry Experience

#### ***Joseph Del Campo – Director***

Mr. Del Campo holds Chartered Professional Accountant (CPA) and Certified Management Accountant (CMA) designations. He began his career with Falconbridge Limited and spent over 19 years working within the Falconbridge group of companies at progressive financial positions, including Controller and Treasurer of Falconbridge Dominicana, a ferronickel operation in the Dominican Republic; and Falconbridge Gold Corporation, a gold mining company with operating mines in Africa and Timmins, Ontario. Over the past 20 years, Joseph has been a Director and Vice President, Finance and Chief Financial Officer (CFO) of a number of junior exploration companies listed on the TSX and TSX Venture Exchange.

#### ***Dr. Trygve Hoy, P.Eng – Director***

Dr. Hoy is a Professional Engineer with 45 years of mineral industry experience working as a research economic and exploration geologist with the British Columbia Department of Mines prior to consulting on mineral properties for the private sector. His experience and expertise spans most metallic deposit types including: Sullivan zinc-lead-silver deposit, Sedex copper deposits, Copper-gold porphyry deposits, and gold vein and epithermal gold deposits. Trygve received his BSc (Geology) from the University of British Columbia, his MSc (Geology) from Carleton University, Ottawa, his Doctorate of Geology from Queens University, Ontario and Geological Engineering Degree from the University of British Columbia in 1976.

#### ***Victor Bradley – Director***

Vic is a Chartered Professional Accountant with over 50 years experience in the mining industry, including more than 15 years with Cominco Ltd. and McIntyre Mines Ltd. in a wide variety of senior financial positions from Controller to Chief Financial Officer. Vic has founded, financed and operated several mining and advanced stage exploration and development companies, including the original Yamana Gold Inc., Aura Minerals Inc. and Nevoro Inc. (sold to Starfield Resources). He served as Chairman of Osisko Mining Corp from November 2006 up to its sale for \$4.1 billion to Agnico Eagle and Yamana in June, 2014. He served as a director of Osisko Gold Royalties Ltd. (spun out of the Osisko Mining sale) from June, 2014 to May, 2018. He now serves as Chairman of Osisko Bermuda Ltd., Osisko Gold Royalties' offshore subsidiary that controls all of its assets outside of North America. Vic also serves as a Director and Chairman of the Board with BTU Metals Corp. and with Golden Lake exploration.

