TECTONIC METALS INC.

TECT: TSX-V

TETOF: OTCQB

T15B: FSE

FLAT SURFACE PROGRAM

DECEMBER 2022

FORWARD LOOKING STATEMENT AND NATIONAL INSTRUMENT 43-101 COMPLIANCE

All statements in this presentation, other than statements of historical fact, are "forward-looking statements" or "forward looking information" with respect to Tectonic Metals Inc. (the "Company") within the meaning of applicable securities laws, including statements that address pro forma capitalization tables, the size and use of proceeds of any proposed financings, the discovery and development of gold deposits, potential size of a mineralized zone, potential expansion of mineralization and timing of exploration and development plans. Forward-looking information is often, but not always, identified by the use of words such as "seek", "anticipate", "plan", "continue", "planned", "expect", "project", "predict", "potential", "targeting", "intends", "believe", and similar expressions, or describes a "goal", or variation of such words and phrases or state that certain actions, events or results "may", "should", "could", "would", "might" or "will" be taken, occur or be achieved. Forward-looking information is not a guarantee of future performance and is based upon a number of estimates and assumptions of management at the date the statements are made including, among others, assumptions regarding timing of exploration and development plans at the Company's mineral projects; timing and completion of proposed financings; timing and likelihood of deployment of additional drill rigs; successful delivery of results of metallurgical testing; the release of an initial resource report on any of our properties; assumptions about future prices of gold, copper, silver, and other metal prices; currency exchange rates and interest rates; metallurgical recoveries; favourable operating conditions; political stability; obtaining governmental approvals and financing on time; obtaining renewals for existing licences and permits and obtaining required licences and permits; labour stability; stability in market conditions; availability of equipment; accuracy of historical information; successful resolution of disputes and anticipated costs and expenditures. Many assumptions are based on factors and events that are not within the control of the Company and there is no assurance they will prove to be correct.

Such forward-looking information involves known and unknown risks, which may cause the actual results to be materially different from any future results expressed or implied by such forward-looking information, including, but not limited to, the cost, timing and success of exploration activities generally, including the development of new deposits; possible variations in grade or recovery rates; failure of equipment or processes to operate as anticipated; the failure of contracted parties to perform; uses of funds in general including future capital expenditures, exploration expenditures and other expenses for specific operations; the timing, timeline and possible outcome of permitting or license renewal applications; government regulation of exploration and mining operations; environmental risks; the uncertainty of negotiating with foreign governments; expropriation or nationalization of property without fair compensation; adverse determination or rulings by governmental authorities; delays in obtaining governmental approvals; possible claims against the Company; the impact of archaeological, cultural or environmental studies within property areas; title disputes or claims; limitations on insurance coverage; the interpretation and actual results of historical operators at certain of our exploration properties; changes in project parameters as plans continue to be refined; current economic conditions; future prices of commodities; and delays in obtaining financing. The Company's forward-looking information reflect the beliefs, opinions, and projections on the date the statements are made. The Company assumes no obligation to update forward-looking information or beliefs, opinions, projections, or other factors, should they change, except as required by law.

The Company has implemented a rigorous Quality Assurance / Quality Control (QA/QC) program to ensure best practices in sampling and analysis of Rotary Air Blast ("RAB"), Reverse Circulation ("RC"), and diamond drill, soil, rock, and stream sediment samples. All assays are performed by Bureau Veritas Commodities Canada Ltd.,and ALS Canada Ltd with sample preparation carried out at the BV facilities in Fairbanks, AK, USA, and at the ALS facility in Vancouver, BC, Canada. Assays are completed by BV and ALS at their Vancouver laboratories.

All soil and stream samples at the Tibbs and Seventymile properties were prepared using procedure SS80 (dry at 60 C and sieve 100g at -80 mesh) and analysed by method FA430 (30g fire assay with AAS finish) and MA300 (0.25g, multi acid digestion and ICP-ES analysis). All RAB, RC, and diamond drill, rock, trench, and pan concentrate samples at the Tibbs and Seventymile properties were prepared using procedure PRP70-250 (crush, split, and pulverise 250g to 200 mesh) and analyzed by method FA430 and MA300. All samples containing >10 g/t Au were reanalyzed using method FA530 (30g Fire Assay with gravimetric finish).

The Company makes no representation or warranty regarding the accuracy or completeness of any historical data from prior exploration undertaken by others other than the company and has not taken any steps to verify, the adequacy, accuracy or completeness of the information provided herein and, under no circumstances, will be liable for any inaccuracies or omissions in any such information or data, any delays or errors in the transmission thereof, or any loss or direct, indirect, incidental, special or consequential damages caused by reliance on this information or the risks arising from the stock market.

Tectonic's disclosure of a technical or scientific nature has been reviewed, verified and approved by Peter Kleespies, P.Geo., who serves as a Qualified Person under the definition of National Instrument 43-101.). For samples collected at the Tibbs and Seventymile, properties, QAQC samples were inserted into the sample submittals at a rate of approximately 1 QAQC sample per 10 assay samples (approximately 10%). Standards were inserted at a rate of approximately 1 standard samples per 20assay samples (8%), blanks were inserted at a rate of approximately 1 blank samples per 20 assay samples (2%). For RC drilling, field duplicate samples are systematically collected at a rate of 2 duplicates per 100 assay samples (2%). A selection of standards were used which are commercially available from a reputable vendor (OREAS). All standards ultimately returned acceptable values (within approximately 15% of the expected value, or approximately one standard deviation). Those standard samples which returned suspect values were re-run at the company's request. Blank samples consisted of Browns Hill Quarry basalt, an unmineralized Quaternary basalt flow from the Fairbanks Mining District, Alaska.

Prospective investors should not construe the contents of this presentation as legal, tax, investment, accounting or other advice. Prospective investors are urged to consult with their own advisors with respect to legal, tax, regulatory, financial, accounting and other such matters relating to their investment in the Company.

The Company securities have not been approved or disapproved by the U.S. Securities and Exchange Commission or by any state, provincial or other securities regulatory authority, nor has the U.S. Securities and Exchange Commission or any state, provincial or other securities regulatory authority passed on the accuracy or adequacy of this presentation. Any representation to the contrary is a criminal offense.

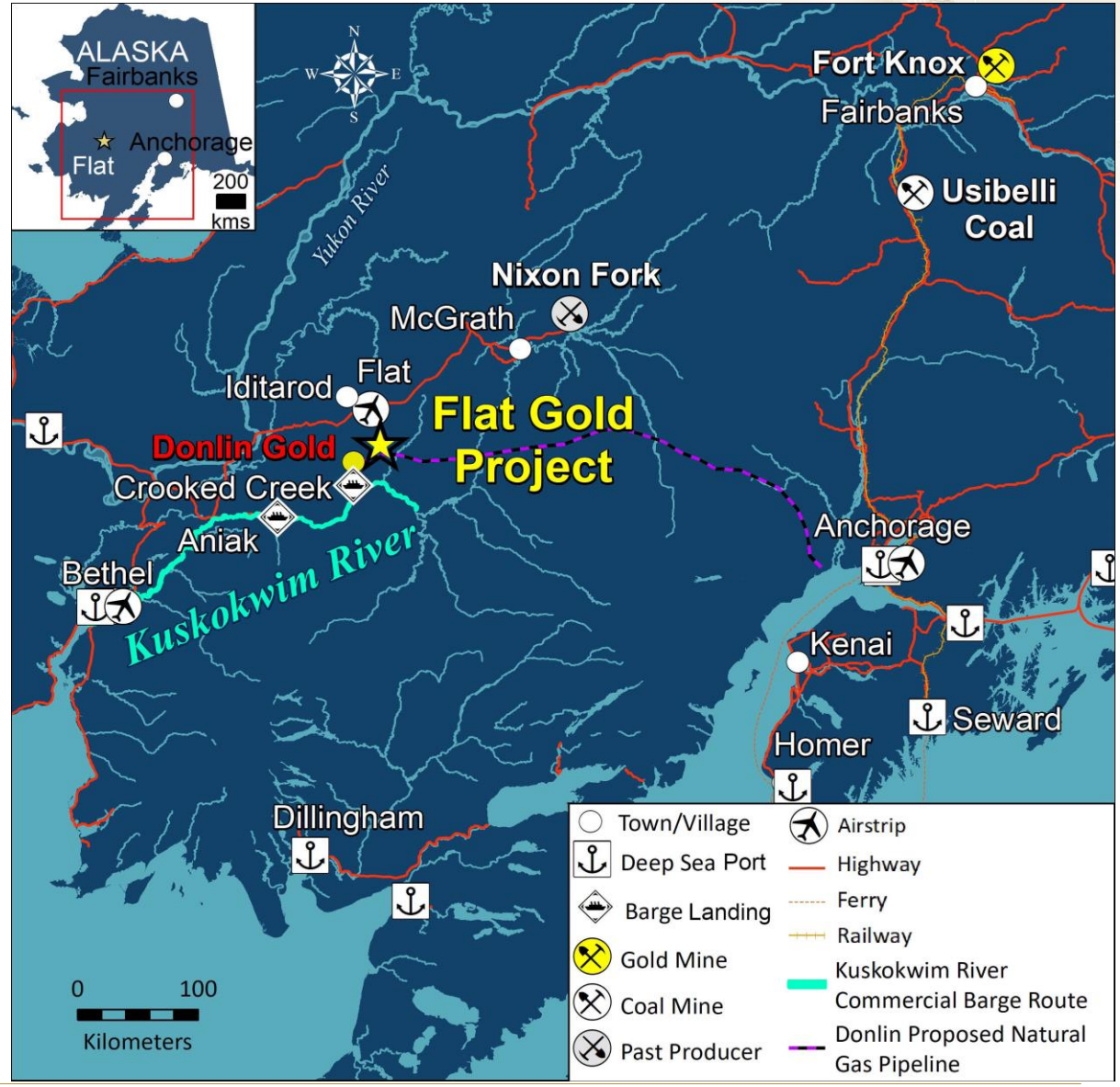
The Company is incorporated under the laws of British Columbia, Canada. Many of the Company's assets are located outside the United States and most or all of its directors and officers are residents of countries other than the United States. As a result, it may be difficult for investors in the United States to effect service of process within the United States upon the Company or such directors and officers, or to realize in the United States upon judgments of courts of the United States predicated upon civil liability of the Company and its directors and officers under the United States federal securities laws.

Trenching at Flat, September 2022

FLAT GOLD PROJECT – LOCATION, ACCESSIBILITY AND INFRASTRUCTURE

MULTI-MILLION OUNCE, OPEN-PIT FREE MILLING OPPORTUNITY IN A TIER ONE JURISDICTION

- Project De-risked
  - Tectonic-Doyon Exploration, ESG and Production Lease Agreement
  - 92,160 acres of predominantly Native-Owned Land
- Located in the same mineral belt as the giant Donlin Gold deposit (Barrick and Novagold)
  - Donlin 2022 budget set at $60M*
  - Flat is 40km from Donlin
- Flat situated in the 4th largest placer mining district in Alaska Flat is 40km from Donlin
  - 1.4Moz Au historic placer production from Flat
- Existing and nearby local infrastructure
  - On-site 4,100 ft Flat airstrip, Hercules (45,000 lbs payload) capable
  - Road access from airstrip to mineralized zones
  - Kuskokwim River commercial barge access (6 months)
  - Permitted natural gas pipeline

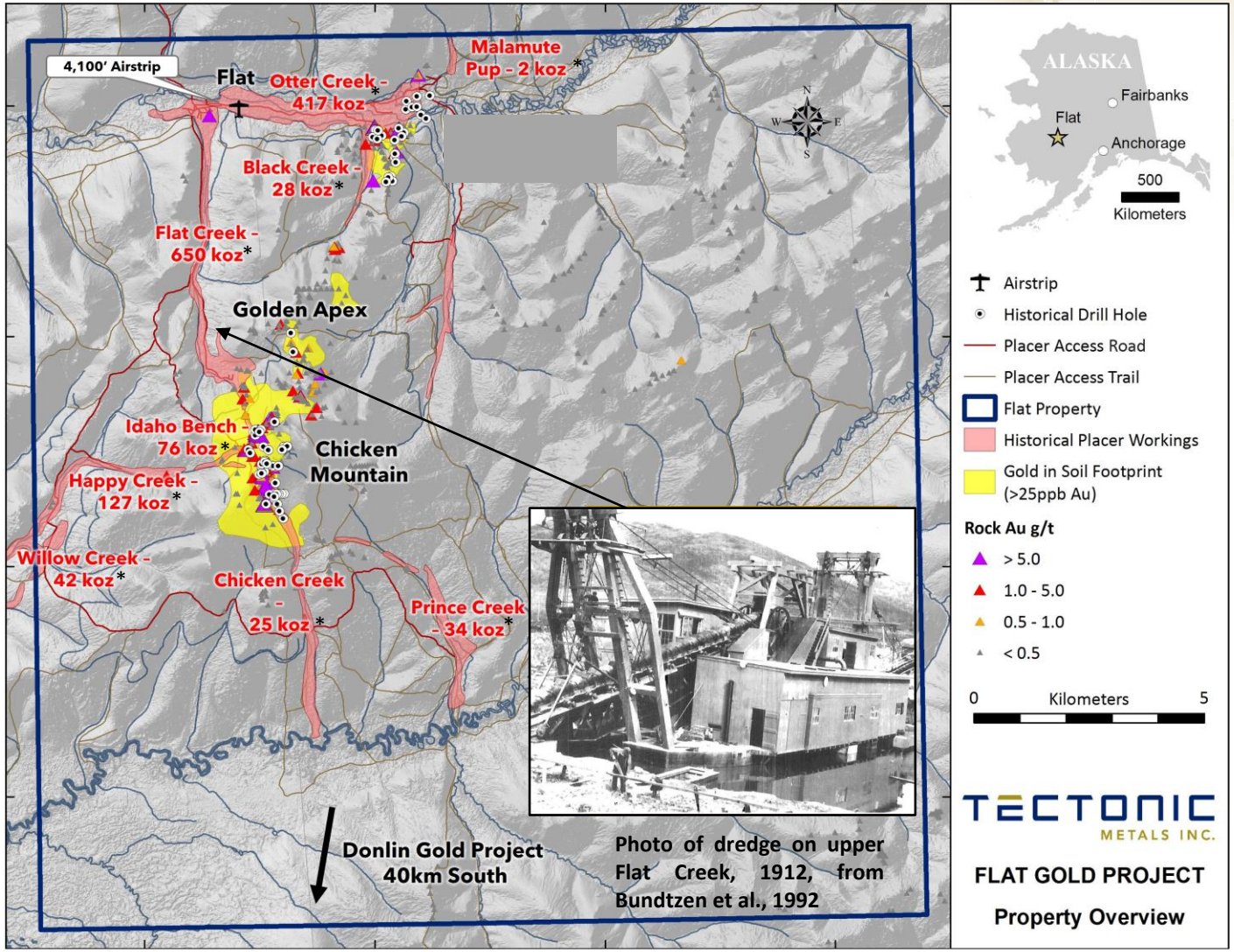


*Novagold News Release February 28, 2022

FLAT GOLD PROJECT – BIG DEPOSITS LEAVE BIG FOOTPRINTS

HOW BIG IS THE BEDROCK SOURCE FOR ALL THE PLACER GOLD?

- 1.4Moz Au Historic Placer Gold Production*
  - All streams and creeks draining out of Chicken Mountain have produced placer gold
- All 55 historical drill holes at Chicken Mountain intersected gold mineralization (no misses and open)
- Multiple +100m long historical mineralized trenches, some untested by drilling
- +4km long 200ppb gold-in-soil anomaly (open)
- Historical met test + placer gold support a free-milling opportunity
- 92,160 acres of predominantly Native-Owned Land
- Landmark Tectonic-Doyon Exploration, ESG and Production Lease Agreement
- Onsite herc capable airstrip and roads



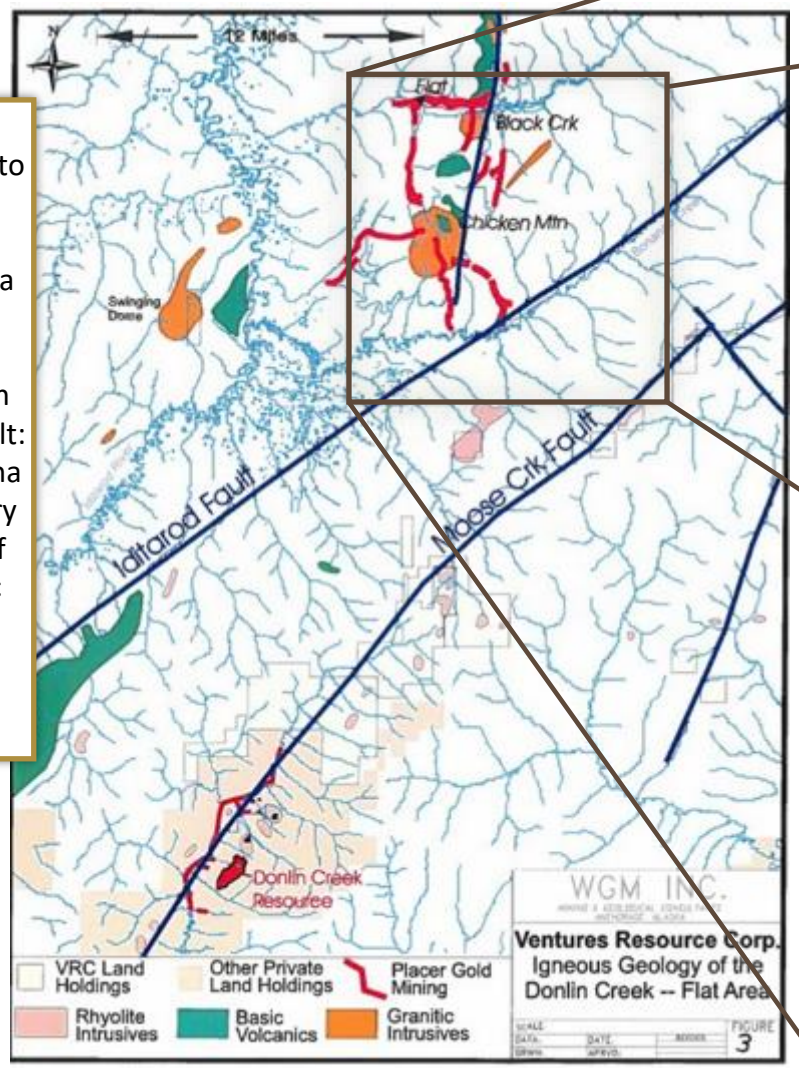
* Placer production figures from "Mineral Occurrence and Development Potential Report, Locatable and Salable Minerals, Bering Sea-Western Interior Resource Management Plan, BLM-Alaska Technical Report 60", prepared by the U.S. Department of the Interior, Bureau of Land Management, November 2010"

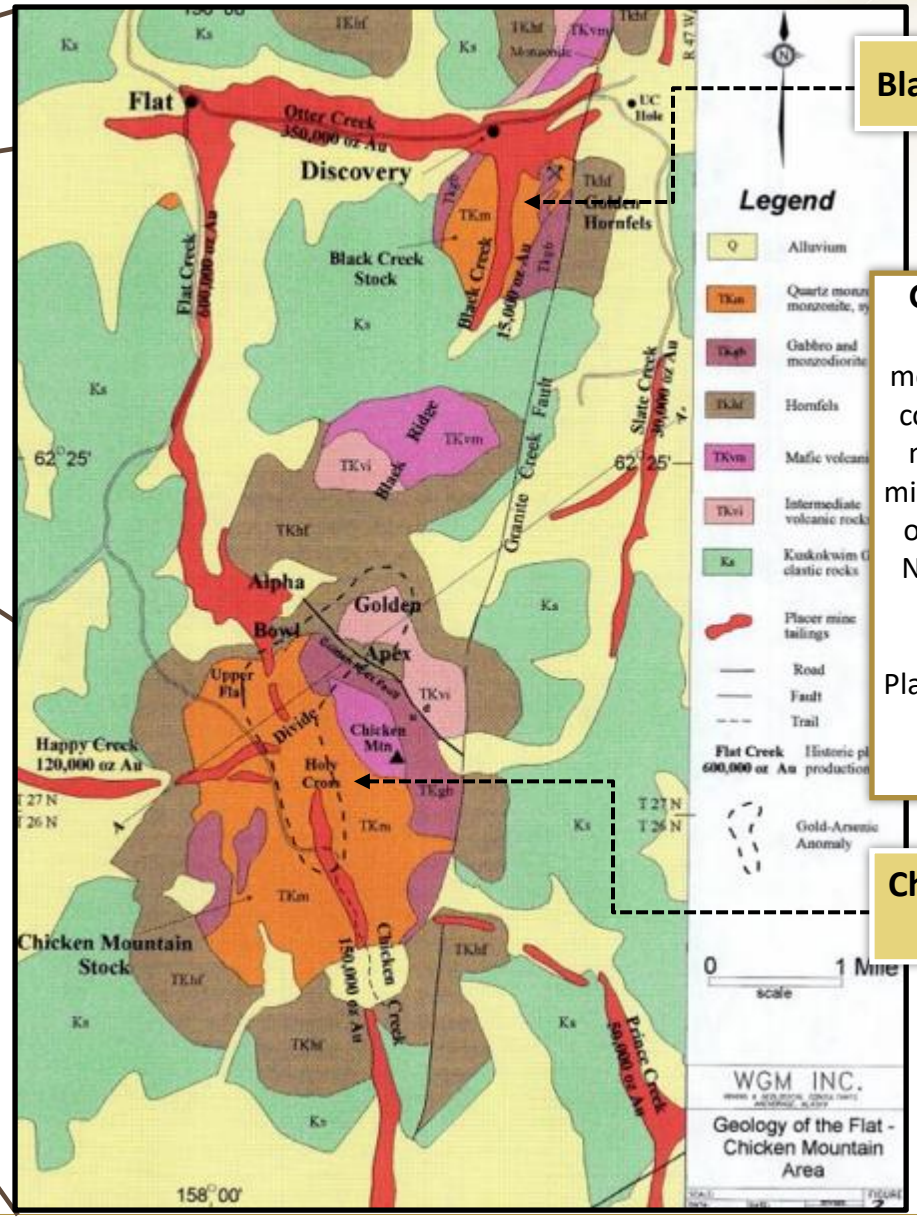
FLAT GOLD PROJECT - GEOLOGY AND MINERALIZATION

INTRUSION-HOSTED AU

Regional Geology:
Gold bearing Late Cretaceous to Early Tertiary intrusions emplaced within Kuskokwim sediments - part of the Tintina Gold Belt

Intrusions and mineralization controlled by the Iditarod Fault: a significant splay of the Tintina Fault System. Marks boundary between northern domain of monzonitic volcano-plutonic complexes from rhyolitic porphyry plugs and dykes to south of fault.





Black Creek Prospect

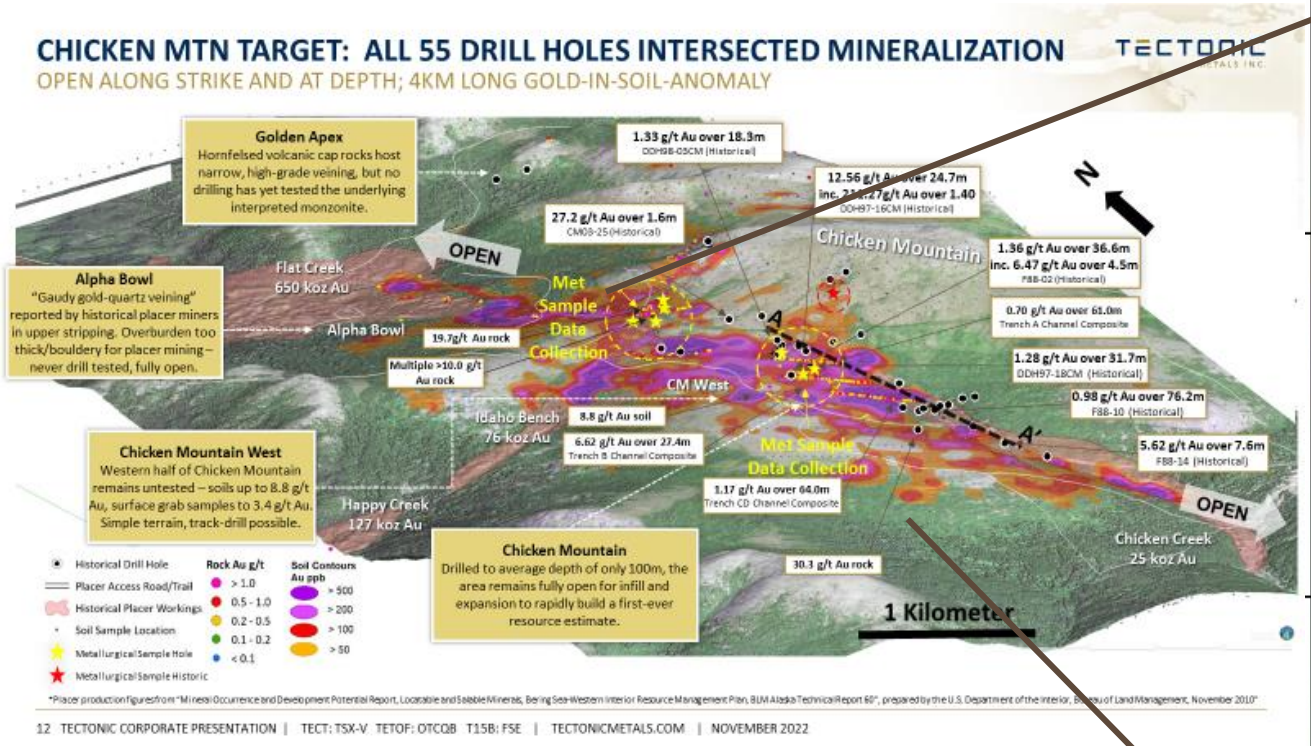
Generalized Geology:
NNE-trending quartz monzonitic volcano-plutonic complexes with hornfelsed margins hosting gold vein mineralization. Emplacement of intrusions controlled by NNE striking Granite Creek Fault

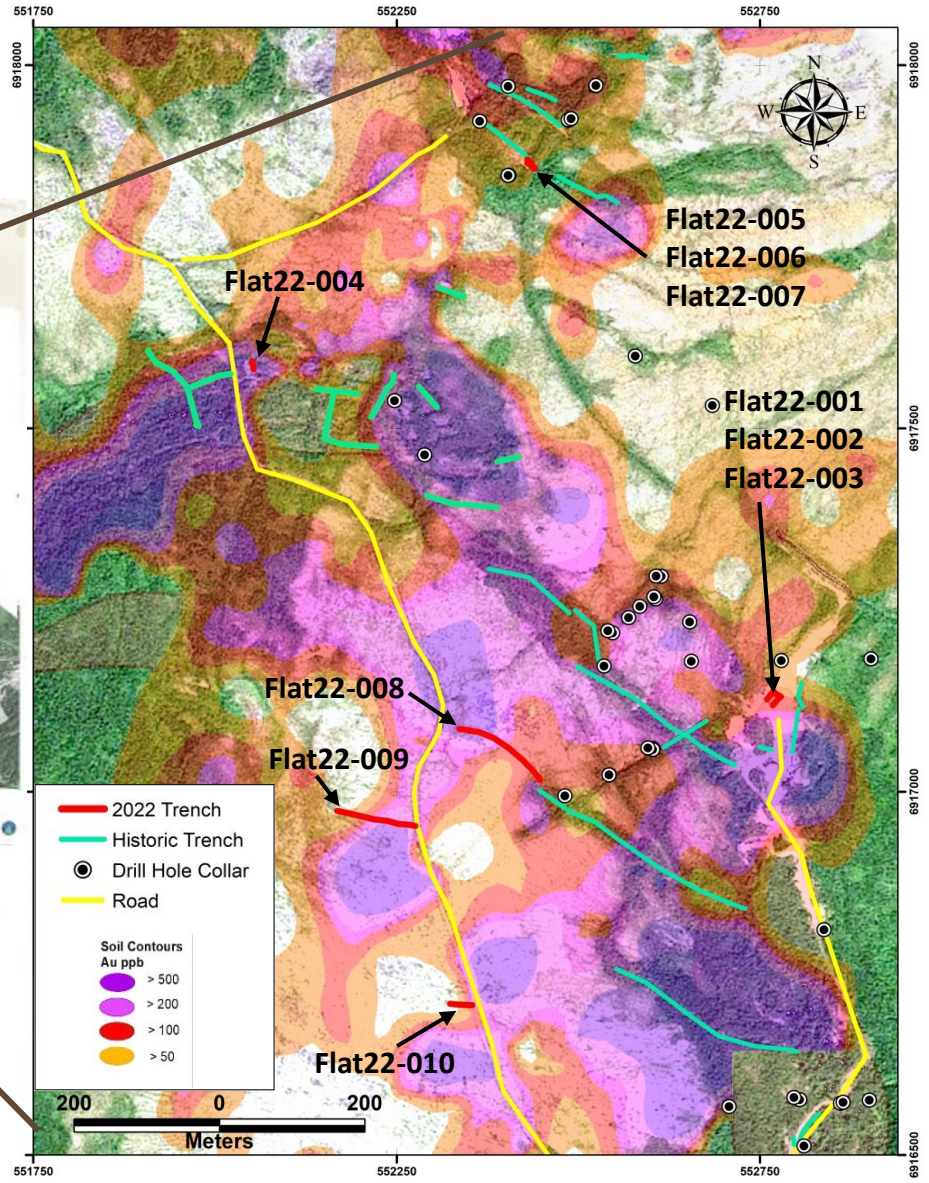
Placer gold is found within all creeks that drain the intrusions.

Chicken Mountain Prospect

FLAT GOLD PROJECT

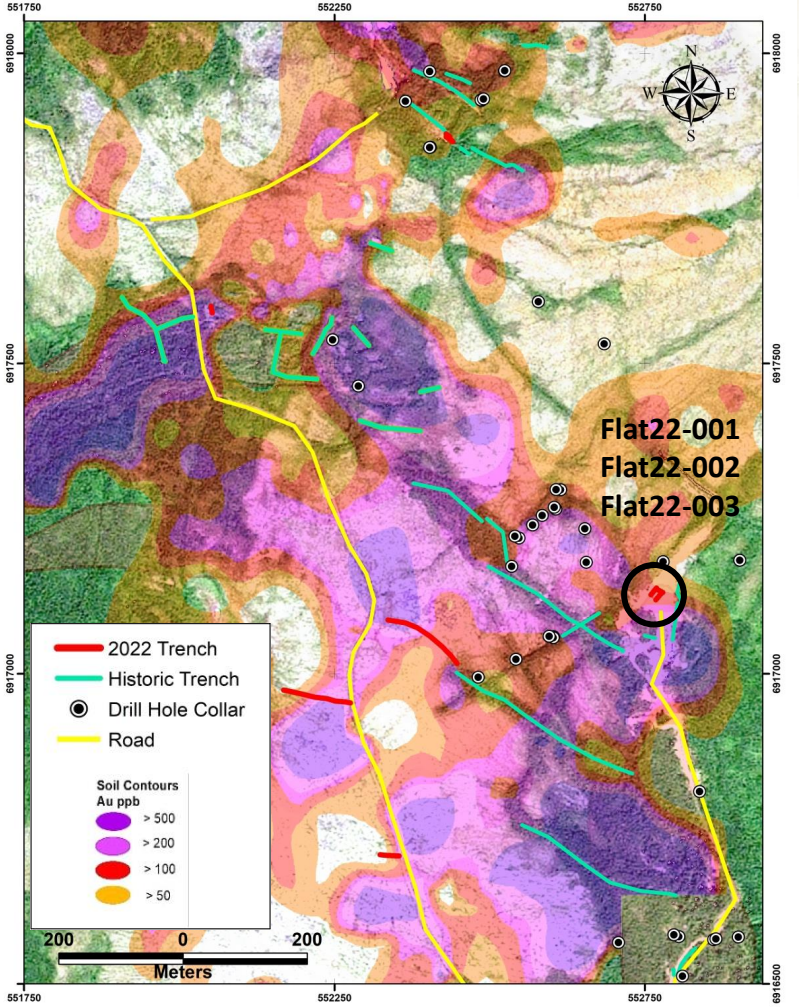
2022 SURFACE PROGRAM– TRENCHING - CHICKEN MOUNTAIN



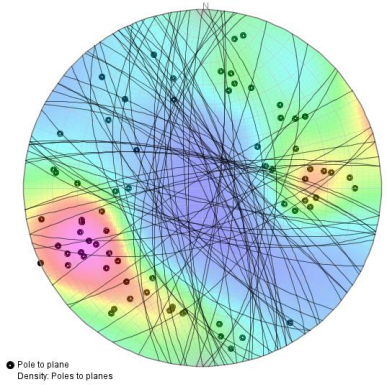


FLAT GOLD PROJECT

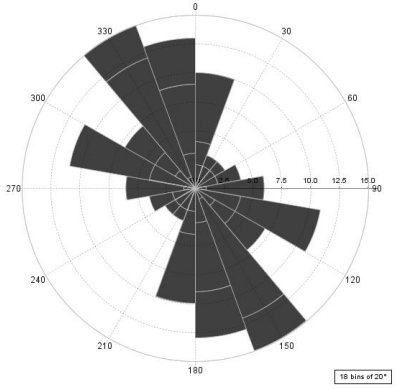
TRENCHES - FLAT22-001, 002, 003



Vein Orientation Data (N=72)



Stereonet

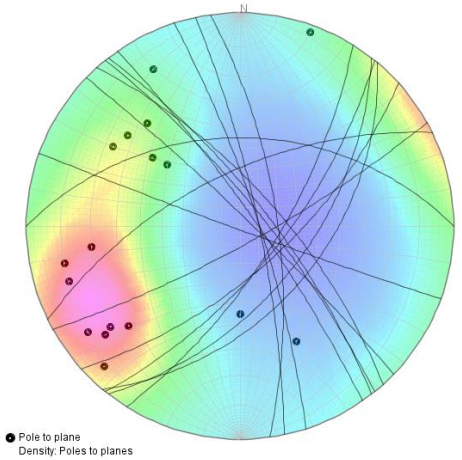


Rose Diagram

FLAT GOLD PROJECT

TRENCH - FLAT22-004

Vein Orientation Data (N=17)



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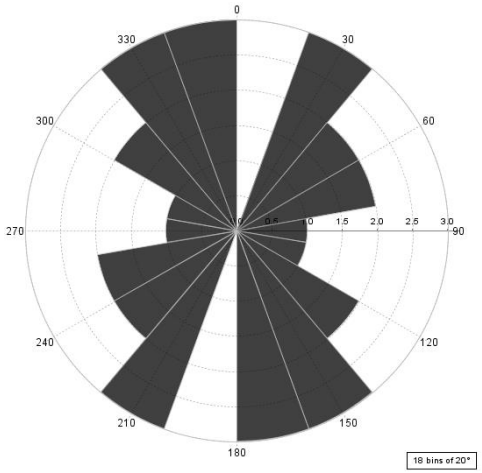
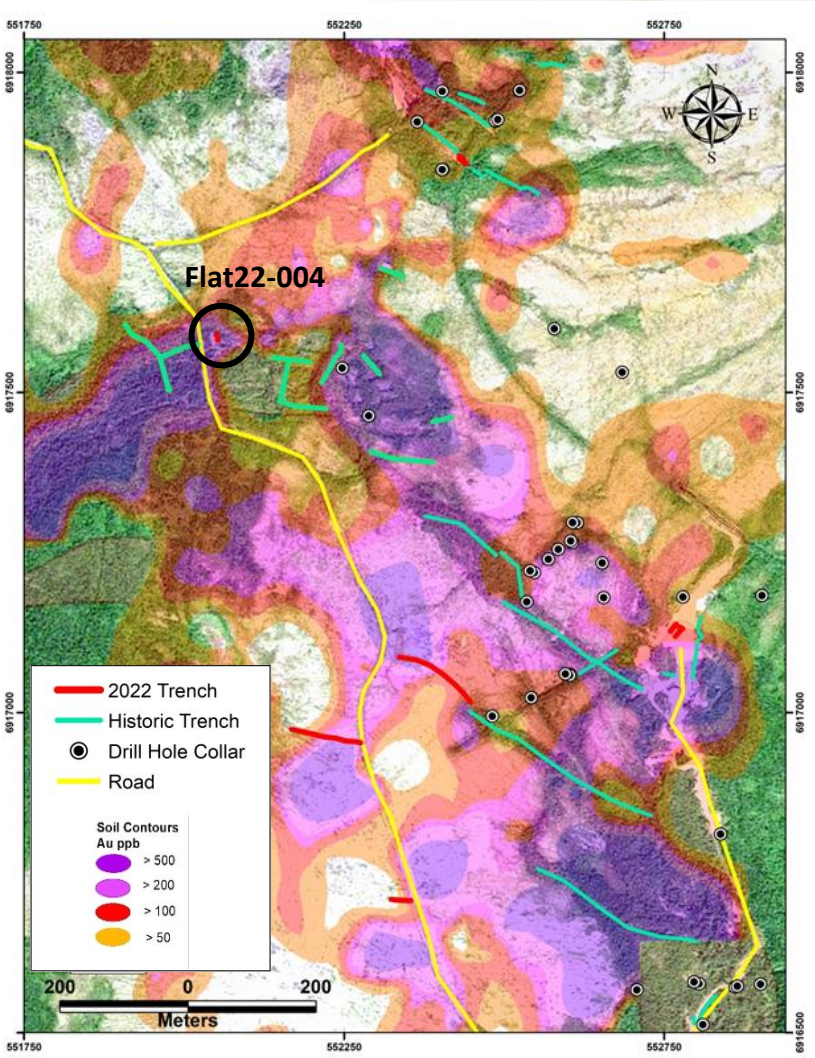
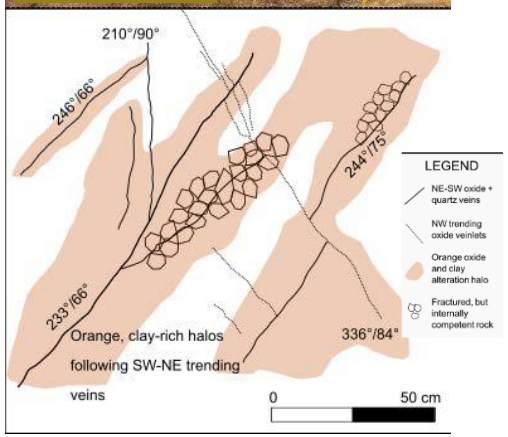


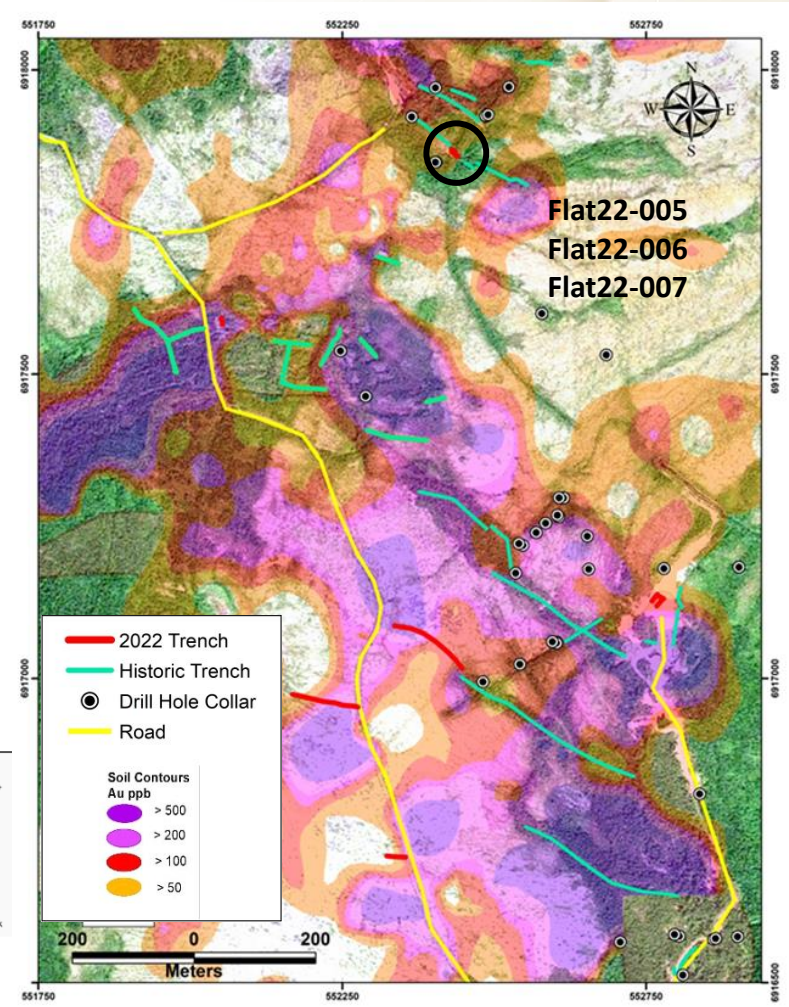
Rose Diagram



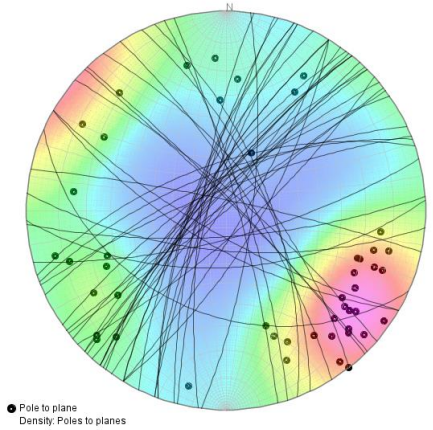
FLAT GOLD PROJECT

TRENCHES - FLAT22-005, 006, 007





Vein Orientation Data (N=49)



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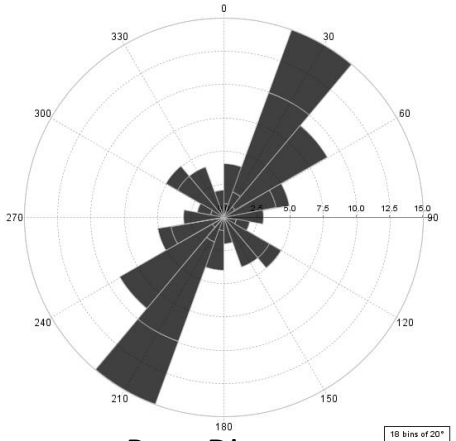
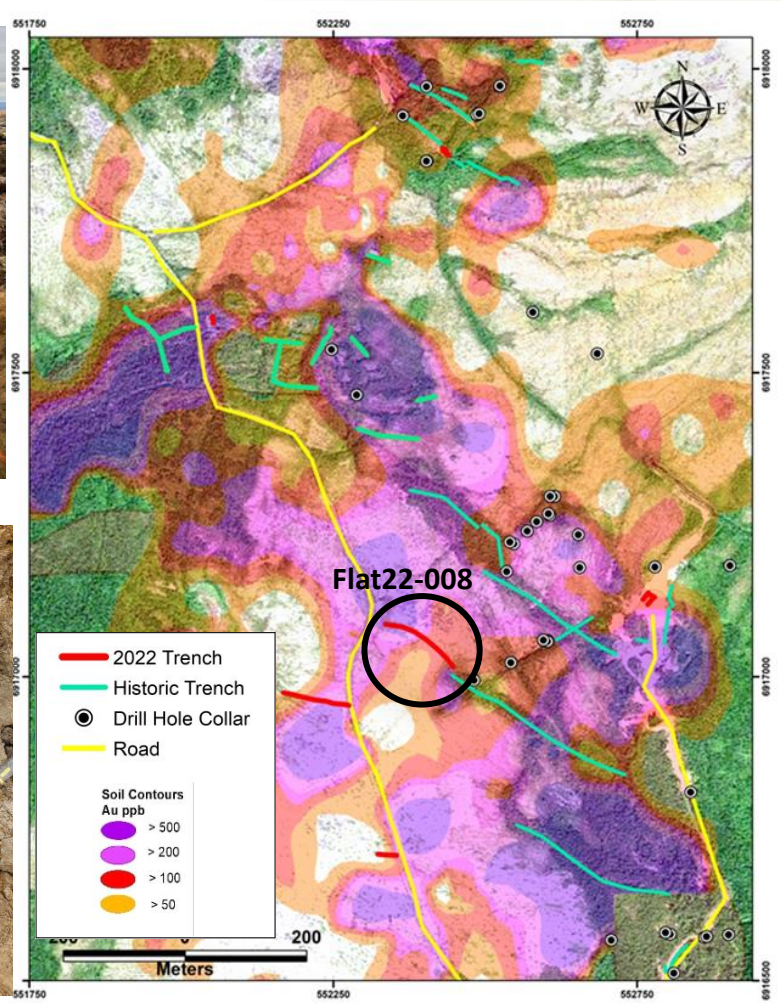


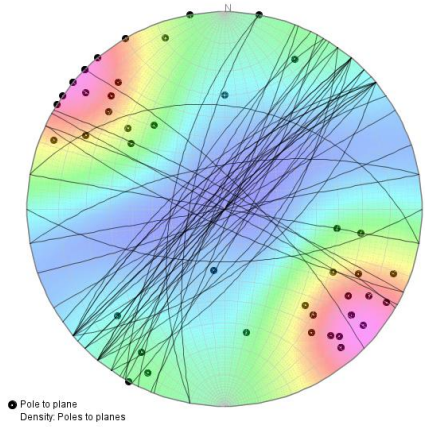
Rose Diagram

FLAT GOLD PROJECT

TRENCH - FLAT22-008



Vein Orientation Data (N=47)



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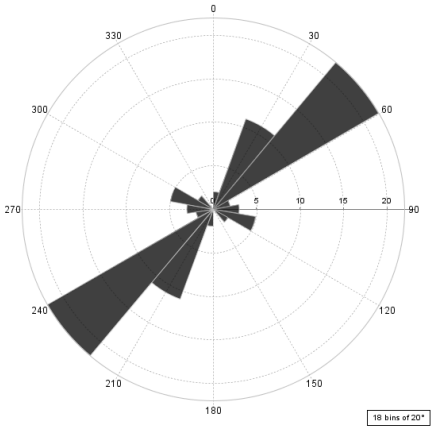
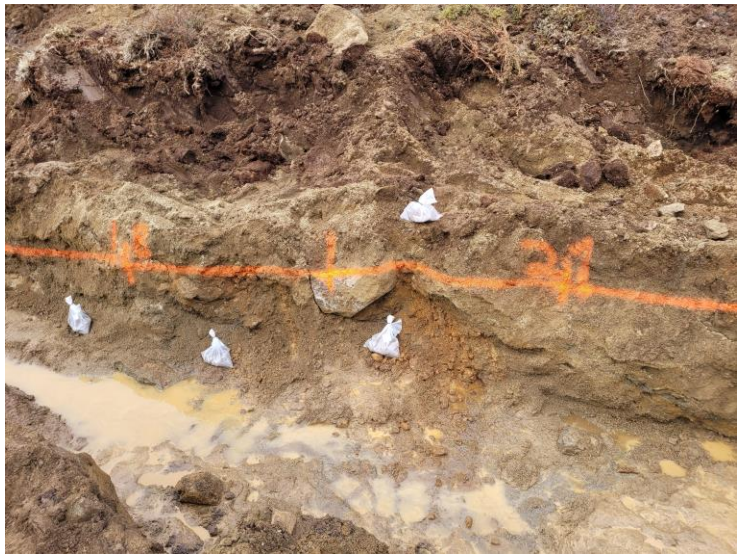
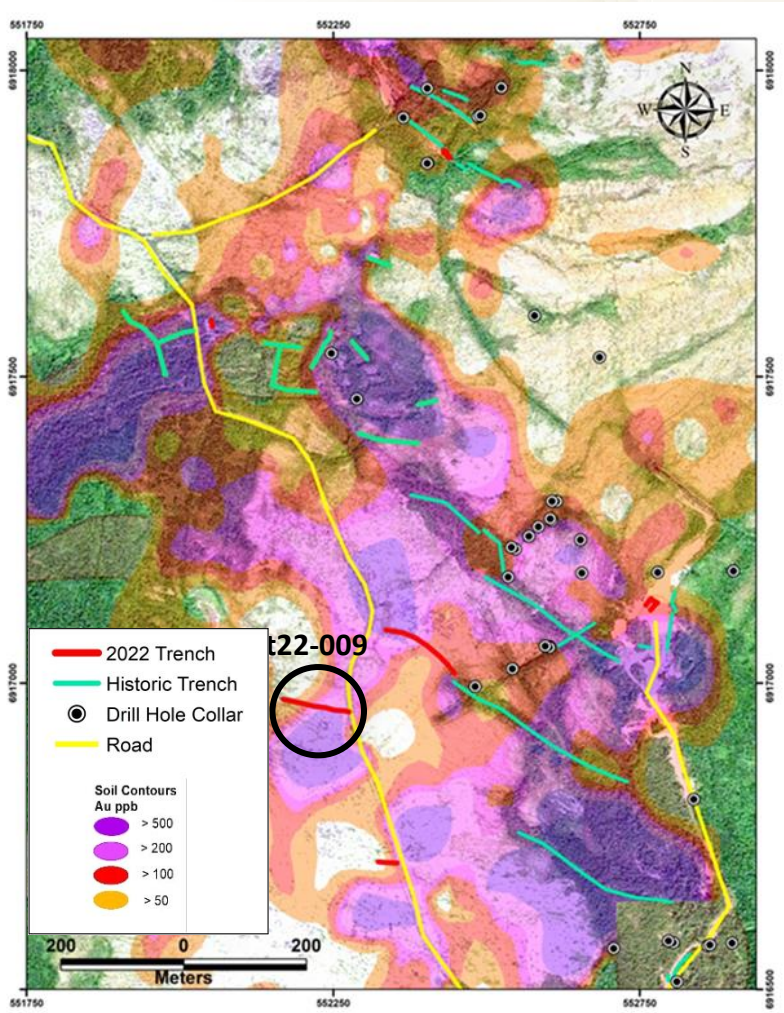


Rose Diagram

FLAT GOLD PROJECT

TRENCH - FLAT22-009





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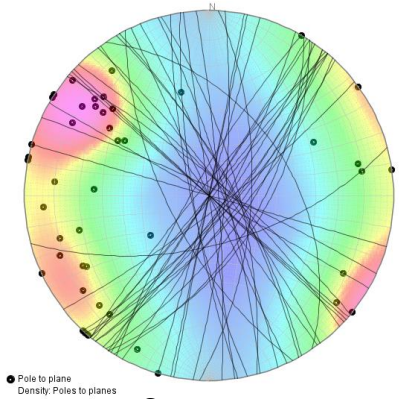

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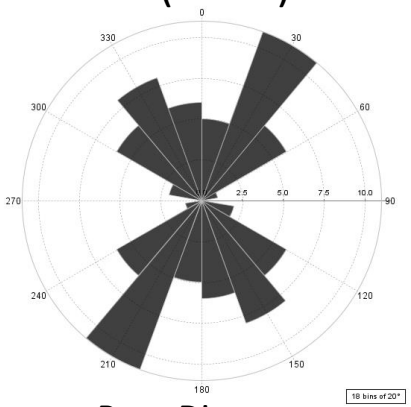
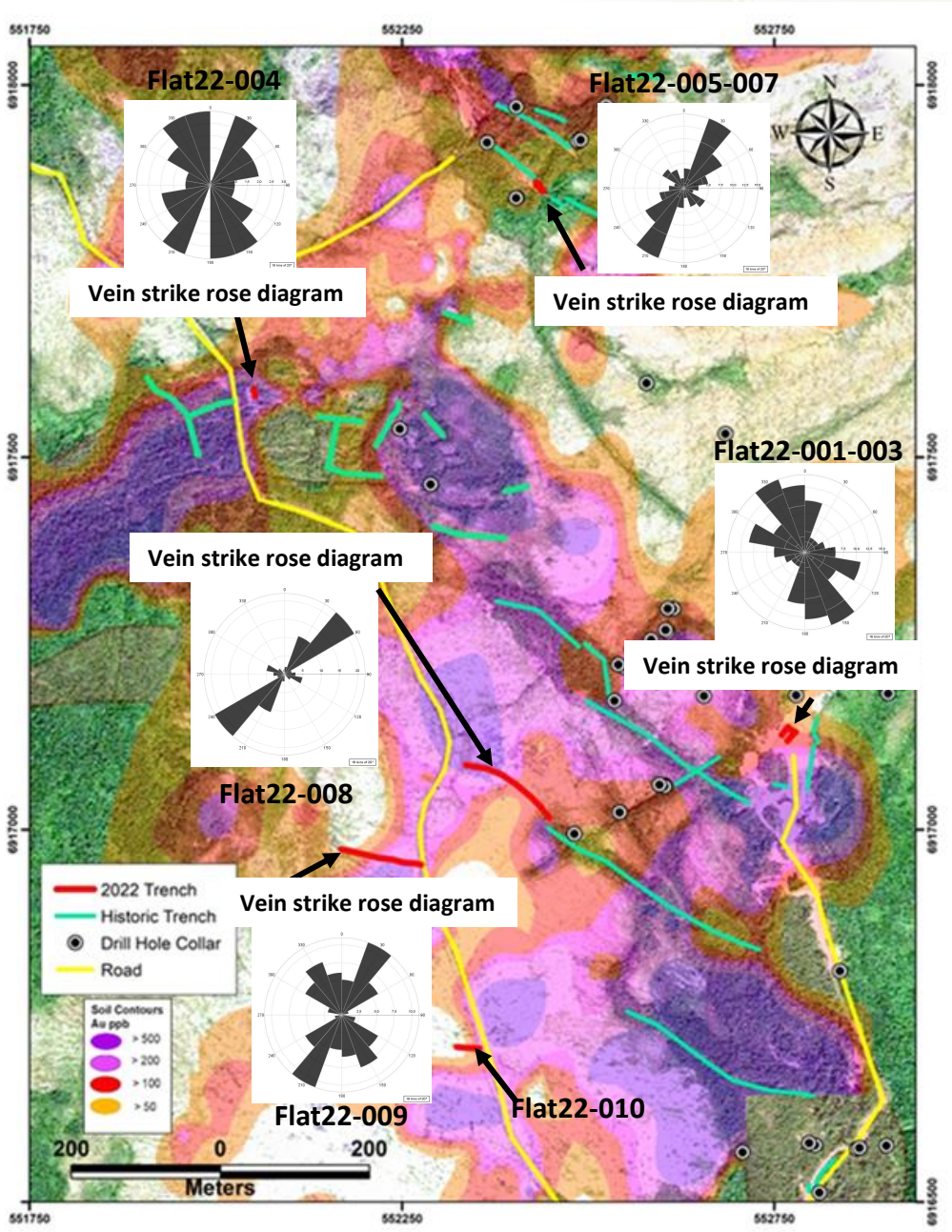


Rose Diagram

FLAT GOLD PROJECT

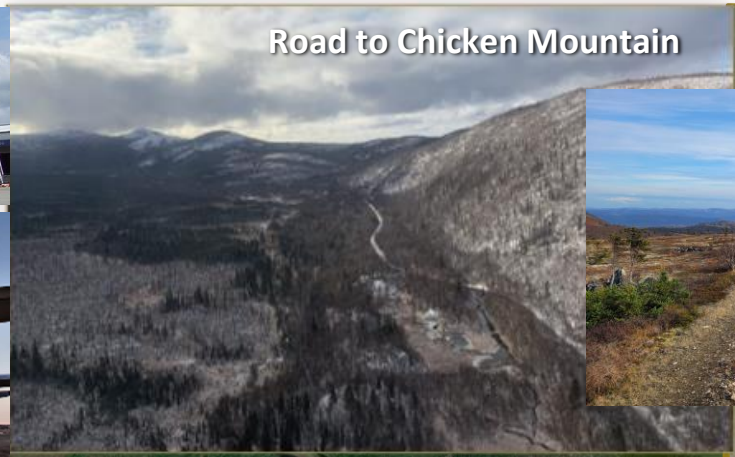
2022 SAMPLING SUMMARY

- Trenches Flat22-001 to 007
  - Exposures of altered, veined monzonite gruss in historic residual placer workings
  - 71m of continuous channel sampling, 7 grab samples in 7 exposures
- Trenches Flat22-008 to 010
  - New mechanically excavated trenches in areas of untested Au in soil anomalies - total 273m in 3 trenches
  - Trenches exposed monzonite gruss, with sheeted veining
  - 270m of continuous channel sampling, 18 selected grab samples of veining collected
- Structural data indicates N to NE strike and steep dips for dominant quartz-Fe oxide veins
- NNW strike – steep dips for Fe-oxide veins



FLAT GOLD PROJECT - INFRASTRUCTURE

EXISTING INFRASTRUCTURE SUPPORTS SITE ACCESS, REDUCED OPERATING/DEVELOPMENT COSTS

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