

**2015 Mineral Resources Review  
Productive Prospecting: Property Selection,  
Exploration and Marketing  
November 4, 2015**

**Valentine Lake Prospect**



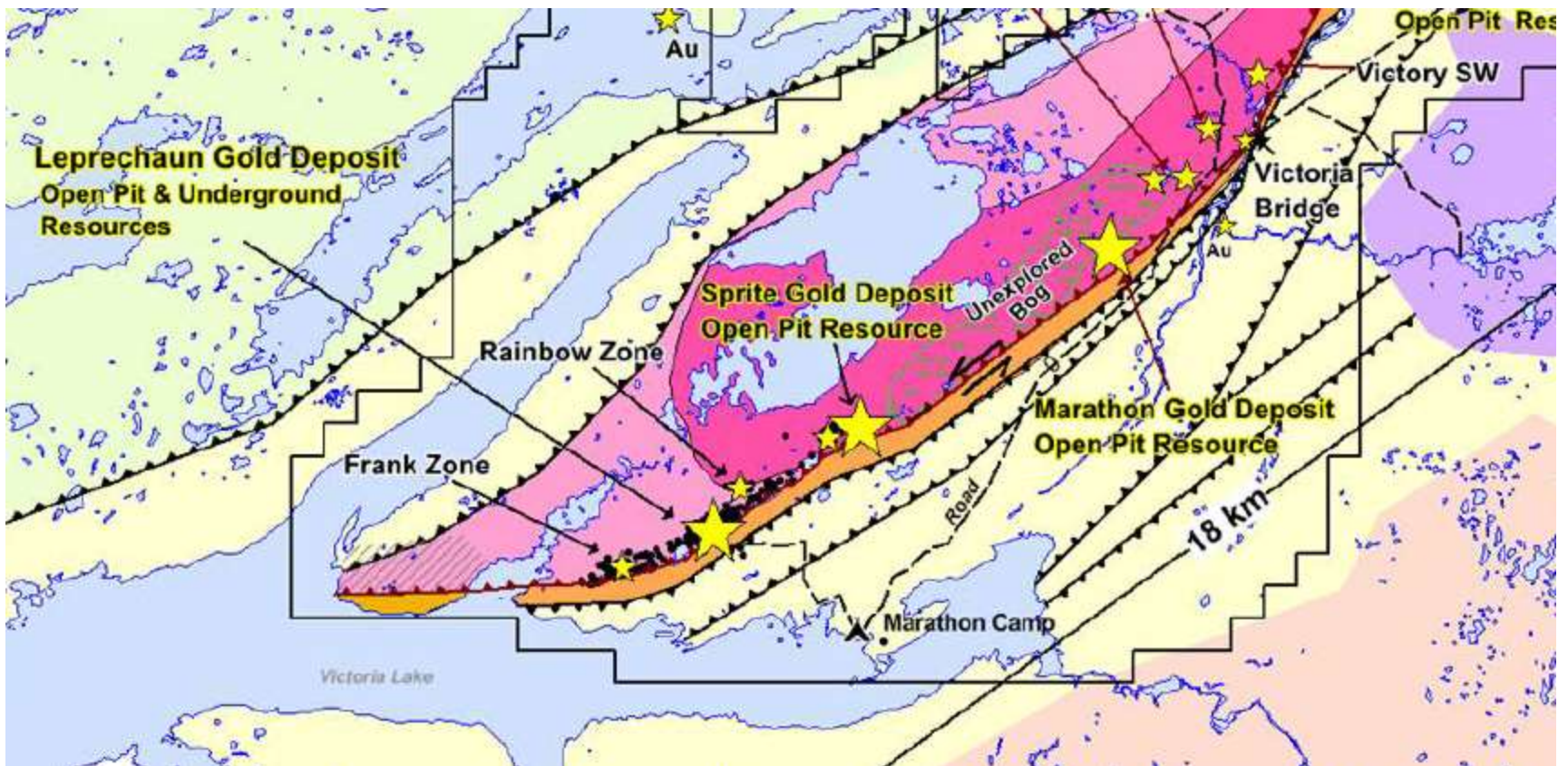
# Valentine Lake Camp

- Victoria Lake Area – southwest of Buchans
- Structurally controlled intrusion hosted mineralization
- 1983 Reconnaissance soil survey (400m X 25m)
- Gold discovered in 1986 while investigating soil anomalies
- Multiple Deposits with > 1 million oz Au combined (Marathon Gold)



# Valentine Lake – Geology and Mineral Deposits

## Regional Structure and Plumbing System Important



Valentine Lake Gold  
Leprechaun Pond Zone

Discovery Outcrop

400m

© SPOT IMAGE  
© 2015 Google

© 2015 Cnes/Spot Image

Google earth

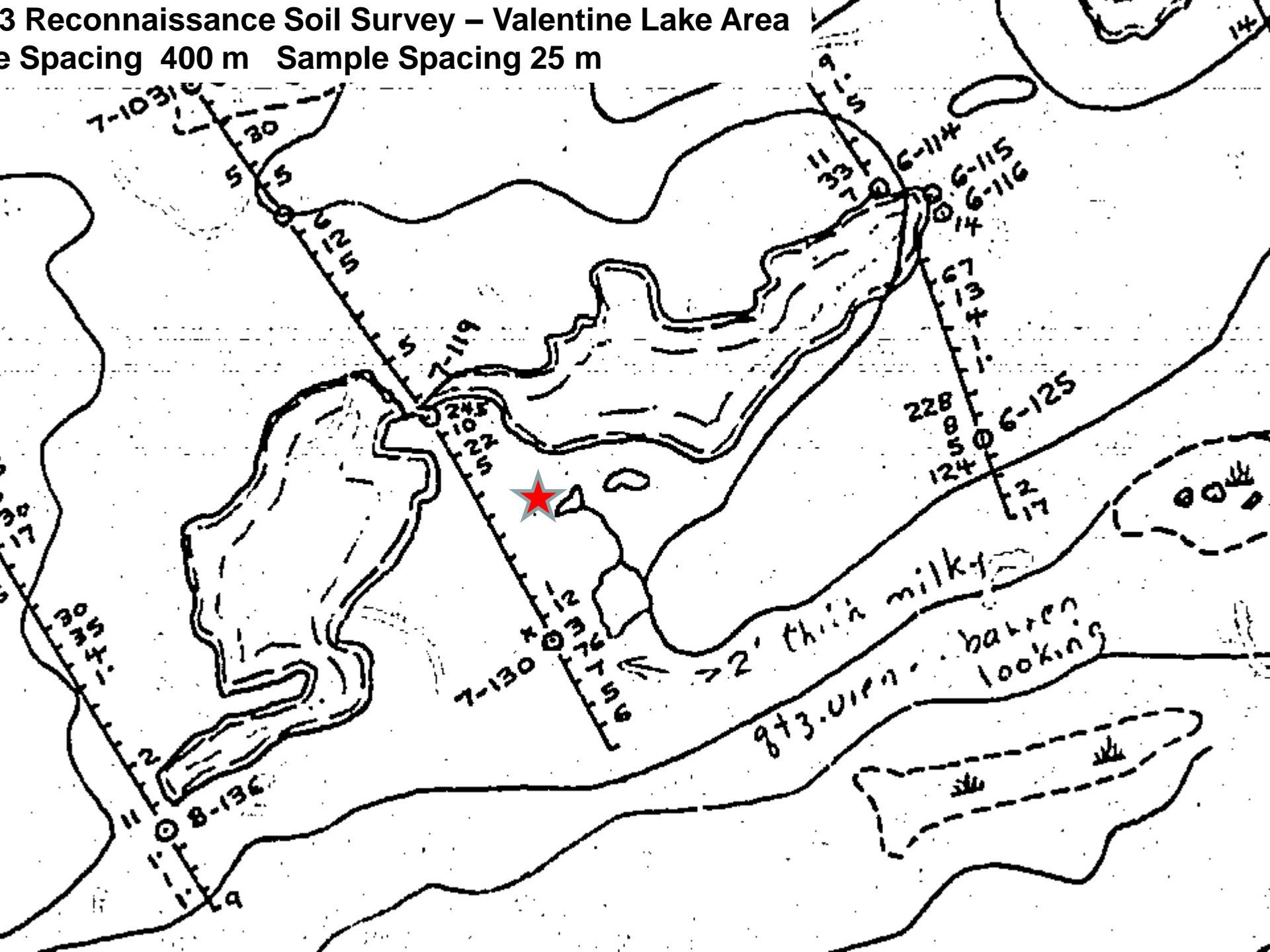
2006

48°21'22.95" N 57°10'54.47" W elev 1258 ft eye alt 9511 ft

# Soil Sampling Works!!

- Most mineral properties covered >90% with overburden
- Prospecting alone not good enough to evaluate a property
- Compromise on line spacing but not sample spacing
- Focus your sampling.....history, air photo lineaments, etc.
- Investigate your anomalies – ALL OF THEM!

3 Reconnaissance Soil Survey – Valentine Lake Area  
Spacing 400 m Sample Spacing 25 m





**Discovery Outcrop  
Leprechaun Pond Zone**



1986 – Tim Froude and Gerald Harris at Discovery Site





# Other Soil Sampling Successes

- South Golden Promise – Central Newfoundland
- Reconnaissance soil survey (250 m X 25 m)
- Single station anomaly of 120 ppb Au
- (DDH 19.5 g/t Au/1.15 meters)
- Additional work including follow up soils resulted in the “8 gram trench” which contained as yet unsourced coarse visible gold



**South Golden Promise**

**Visible Gold from “8 Gram Trench” - South Golden Promise**

**Source.....Unknown!**



# Most Discoveries are a Team Effort



# Acknowledgements

- **David Barbour**
- **Geoff Thurlow**
- **Gerald Harris**
- **Calvin Keats**
- **Phil Walford**
- **Sherry Dunsworth**
- **William Kennedy**
- **Mineral Resources Review 2015 Committee**

# Honey.....I'm Home!!!!



**Wishing you all the very best of Luck!**

**Thank You!**

**[tfroude@sokomaniron.com](mailto:tfroude@sokomaniron.com)**