A REPRESENTATIVE SELECTION OF GOLD PROPERTIES AVAILABLE FOR OPTION ON THE ISLAND OF NEWFOUNDLAND

Compiled by
The Matty Mitchell Prospectors Resource Room
with the sponsorship of
Mining Industry NL and the
Department of Natural Resources, NL
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(preliminary version)

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MINING INDUSTRY NL
safe sustainable strong

NEWFOUNDLAND GOLD

APPALACHIAN CYCLE
(Taconic/Penobscot, Salinic, Acadian & Hercynian orogenies)

SILURO-DEVONIAN AND EARLIER
- UNCLASSIFIED EPIGENETIC GOLD

SILURO-DEVONIAN (?)
- UNCLASSIFIED EPIGENETIC GOLD INCLUDING POSSIBLE CARLIN-TYPE SEDIMENT-HOSTED GOLD
- UNCLASSIFIED EPIGENETIC GOLD WITH STRONG MAGMATIC SIGNATURES
- INTRUSION-RELATED GOLD
- UNCLASSIFIED EPITHERMAL GOLD
- LOW-SULPHIDATION EPITHERMAL GOLD
- EPIGENETIC, BIF-HOSTED GOLD

SILURIAN
- SHEAR-ZONE-RELATED (LODE or OROGENIC) GOLD

CAMBRO-ORDOVICIAN
- INTRUSION-RELATED GOLD
- HIGH-SULPHIDATION EPITHERMAL GOLD
- VOLCANOGENIC MASSIVE SULPHIDE-RELATED GOLD (includes gold in related hydrothermal systems)

PRE-APPALACHIAN CYCLE
(Pan African / Avalonian 1,2 & 3 orogenies)

LATE NEOPROTEROZOIC
- IRON-OXIDE–COPPER–GOLD
- INTRUSION-RELATED GOLD
- LOW-SULPHIDATION EPITHERMAL GOLD
- HIGH-SULPHIDATION EPITHERMAL GOLD
- VOLCANOGENIC MASSIVE SULPHIDE-RELATED GOLD

NEOPROTEROZOIC
- SHEAR-ZONE-RELATED (LODE or OROGENIC) GOLD

- *GOLD OF UNCERTAIN AGE AND ORIGIN*
- *ANOMALOUS HYDROTHERMAL ALTERATION*

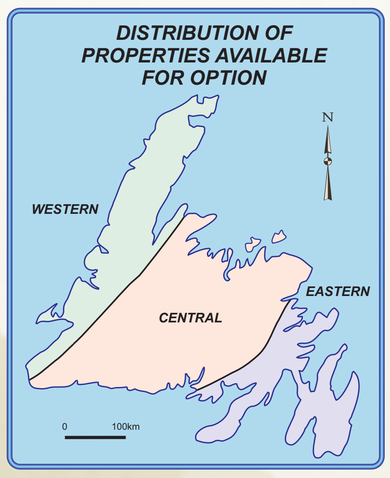
Producers in Orange
Past Producers in Black

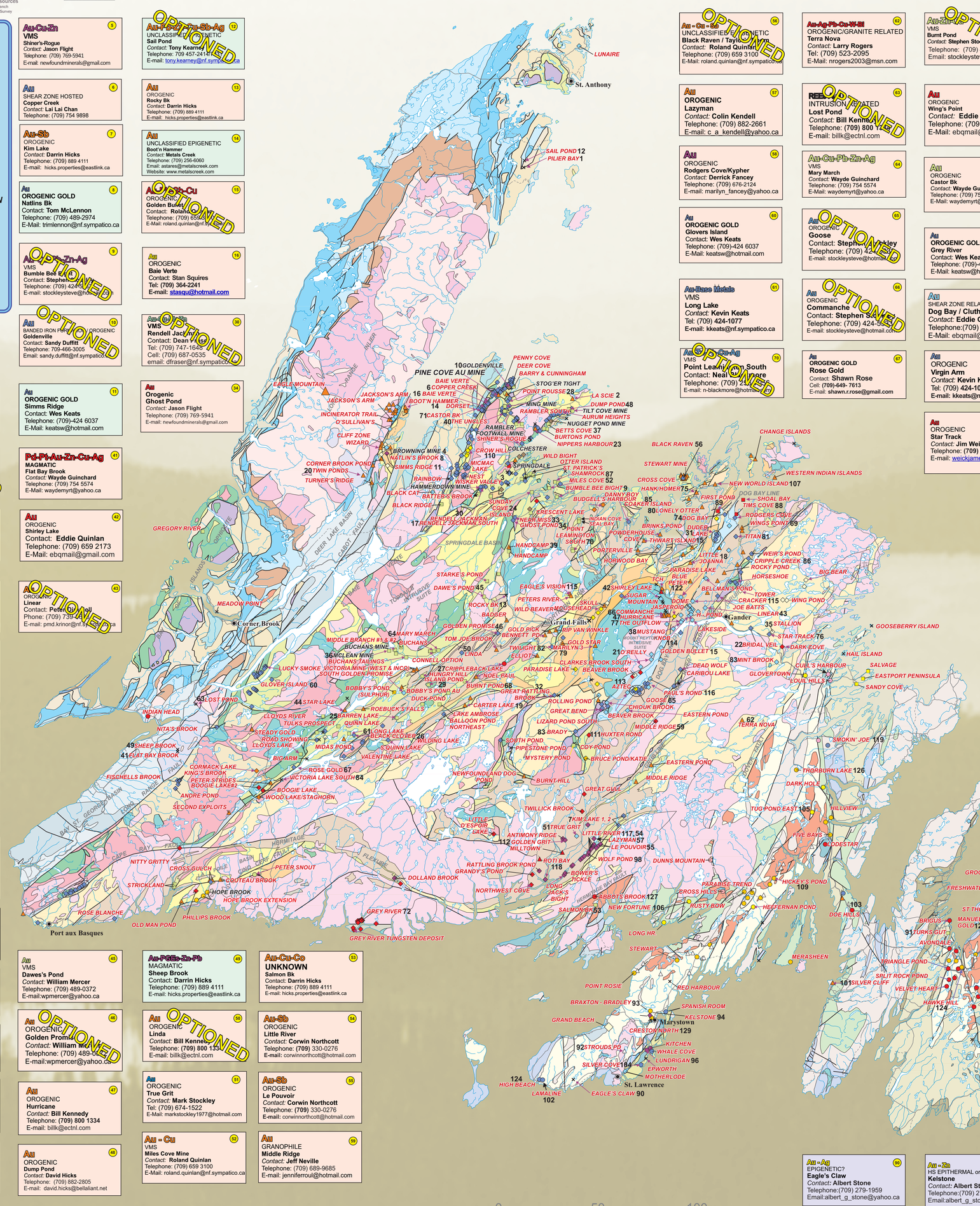
Colors represent style/type of mineralization.
Symbols represent age of mineralization.

NOTE: *In some cases a symbol represents more than one occurrence.*

*From Geological Survey poster "**Newfoundland Gold**"*

DISTRIBUTION OF PROPERTIES AVAILABLE FOR OPTION





Geological base map from Colman-Sadd et al., 1990, Geological Survey of Newfoundland and Labrador, Map 90-01; other geological data from Geological Survey's MODS data base, from assessment files, and from published and unpublished Geological Survey data. Additional property information based in part on Properties for Option map 2005 v1.0, and on personal communication with various property owners.

Reference to a property does not imply approval or recommendation by the compilers of this map. This map does not represent a complete and accurate list of known gold occurrences or gold properties available for option. Locations may be approximate in some instances.

*Base map from Geological Survey poster: **Newfoundland Gold***

1 Pb-Zn-Pt — UNKNOWN, Pilier Bay. Contact: Wayde Guinchard. Telephone: (709) 754 5574. E-Mail: waydemyrt@yahoo.ca

2 Au — UNCLASSIFIED EPIGENETIC, La Scie. Contact: Jason Burton. Telephone: (709) 572-0508. E-mail: jasburton@hotmail.com

3 Au — OPTIONED. Epithermal, Wisker Valley. Contact: Dan Jacobs. Telephone: (709) 659-3100. E-Mail: quinlanl@eastlink.ca

4 Au — OROGENIC GOLD, Browning Mine. Contact: Wes Keats. Telephone: (709)-424 6037. E-Mail: keatsw@hotmail.com

5 Au-Cu-Zn — VMS, Shiner's Rogue. Contact: Jason Flight. Telephone: (709) 769-5941. E-mail: newfoundminerals@gmail.com

6 Au — SHEAR ZONE HOSTED, Copper Creek. Contact: Lai Lai Chan. Telephone: (709) 754 9898

7 Au-Sb — OROGENIC, Kim Lake. Contact: Darrin Hicks. Telephone: (709) 889 4111. E-Mail: hicks.properties@eastlink.ca

8 Au — OROGENIC GOLD, Natlins Bk. Contact: Tom McLennon. Telephone: (709) 489-2974. E-Mail: trimlennon@nf.sympatico.ca

9 Au-Pb-Zn-Ag — OPTIONED. VMS, Bumble Bee. Contact: Stephen Stockley. Telephone: (709) 424-5333. E-mail: stockleysteve@hotmail.com

10 Au — OPTIONED. BANDED IRON FORMATION OROGENIC, Goldenville. Contact: Sandy Duffitt. Telephone: 709-466-3005. Email: sandy.duffitt@nf.sympatico.ca

11 Au — OROGENIC GOLD, Simms Ridge. Contact: Wes Keats. Telephone: (709)-424 6037. E-Mail: keatsw@hotmail.com

12 Au-Pt-Sb-Ag — OPTIONED. UNCLASSIFIED EPIGENETIC, Sail Pond. Contact: Tony Kearney. Telephone: 709 457-2414. E-mail: tony.kearney@nf.sympatico.ca

13 Au — OROGENIC, Rocky Bk. Contact: Darrin Hicks. Telephone: (709) 889 4111. E-mail: hicks.properties@eastlink.ca

14 Au — UNCLASSIFIED EPIGENETIC, Boot'n Hammer. Contact: Metals Creek. Telephone: (709) 256-6060. Email: astares@metalscreek.com. Website: www.metalscreek.com

15 Au-Pb-Cu — OPTIONED. OROGENIC, Golden Bullet. Contact: Roland Quinlan. Telephone: (709) 659-3100. E-Mail: roland.quinlan@nf.sympatico.ca

16 Au — OROGENIC, Baie Verte. Contact: Stan Squires. Tel: (709) 364-2241. E-mail: stasqu@hotmail.com

17 Au — OROGENIC GOLD, Rendell Jackman South. Contact: Wes Keats. Telephone: (709)-424 6037. E-Mail: keatsw@hotmail.com

18 Au — OPTIONED. OROGENIC, Little Joanna. Contact: Roland Quinlan. Telephone: (709) 659 3100. E-Mail: roland.quinlan@nf.sympatico.ca

19 Au — OROGENIC, Carter Lake. Contact: George Lannon. Telephone: (709) 227 7270. E-Mail: gflannon@personainternet.com

20 Au-Cu-Co-Ni — Intrusion Related, Twin Ponds. Contact: George Lannon. Telephone: (709) 227 7270. E-Mail: gflannon@personainternet.com

21 Au — VMS, O'Reilly. Contact: Darrin Hicks. Telephone: (709) 889 4111. E-mail: hicks.properties@eastlink.ca

22 Cu - Au — INTRUSION-RELATED, Bridal Veil. Contact: Wayde Guinchard. Telephone: (709) 754 5574. E-Mail: waydemyrt@yahoo.ca

23 Au-Cu — OROGENIC, Nipper's Harbour. Contact: David Hicks. Telephone: (709) 882-2805. E-Mail: david.hicks@bellaliant.net

24 Au-Cu — VMS, Sunday Cove Island. Contact: Roland Quinlan. Telephone: (709) 659 3100. E-Mail: roland.quinlan@nf.sympatico.ca

25 Au — UNKNOWN, Barren Lake. Contact: Kevin Cooper. Telephone: 709-754-2819. E-mail: doraandkevin@nl.rogers.com

26 Au — OROGENIC GOLD, Black Clover. Contact: Wes Keats. Telephone: (709)-424 6037. E-Mail: keatsw@hotmail.com

27 Au-Cu-Mo — OROGENIC/INTRUSION RELATED, Crippleback Lake. Contact: Dave McDonald. Telephone: (709) 897-0036. E-Mail: cjdmacdonald@bellaliant.net

28 Au-Cu — OPTIONED. VMS/OROGENIC, Twin Ponds / Goldstash. Contact: Bill Kennedy. Telephone: (709) 800 1334. E-mail: billk@ectnl.com

29 Au-Cu-Pb-Zn — VMS, Island Pond. Contact: Gary Rowsell. Telephone:(709) 672-3938. E-Mail: glrk_99@yahoo.com

30 Au-Cu-Pb-Zn — VMS, Rendell Jackman. Contact: Dean Wells. Tel: (709) 747-1648. Cell: (709) 687-0535. email: dfraser@nf.sympatico.ca

31 Au — OROGENIC, Duder / Goldstash. Contact: Roland Quinlan. Telephone: (709) 659 3100. E-Mail: roland.quinlan@nf.sympatico.ca

32 Au — UNCLASSIFIED EPIGENETIC, Great Rattling Brook. Contact: Andy Budden. Telephone: 709-659-3217. E-mail: a-budden@hotmail.com

33 Au — VMS, Near Miss. Contact: Herb Froude. Phone: (709) 466-3483. Email: herb.froude@persona.ca

34 Au — Orogenic, Ghost Pond. Contact: Jason Flight. Telephone: (709) 769-5941. E-mail: newfoundminerals@gmail.com

35 Au — EPITHERMAL, Stallion / West Tower Pond. Contact: Mike Stares. Telephone: 807-623-6840. Email: mstares@canadararearth.com

36 Au — VMS, McLean Mine. Contact: Stephen Stockley. Telephone: (709) 424-5333. E-mail: stockleysteve@hotmail.com

37 Au — OPTIONED. VMS, Bett's Cove. Contact: N. Noel. Telephone: (709) 744 2248. E-mail: nnoel@nl.rogers.com

38 Au — OROGENIC GOLD, Mustang/Piper Zones. Contact: Wes Keats. Telephone: (709)-424 6037. E-Mail: keatsw@hotmail.com

39 Au — VMS / OROGENIC, Handcamp. Contact: George Lannon. Telephone: (709) 227 7270. E-Mail: gflannon@personainternet.com

40 Au-Cu-Zn-Ag — VMS, "The Uncles". Contact: Pat Laracy. Telephone: (709) 754-3186. E-mail: laracy@vulcanminerals.ca

41 Pd-Pt-Au-Zn-Cu-Ag — MAGMATIC, Flat Bay Brook. Contact: Wayde Guinchard. Telephone: (709) 754 5574. E-Mail: waydemyrt@yahoo.ca

42 Au — OROGENIC, Shirley Lake. Contact: Eddie Quinlan. Telephone (709) 659 2173. E-Mail: ebqmail@gmail.com

43 Au — OPTIONED. OROGENIC, Linear. Contact: Peter Krinor. Phone: (709) 739-4477. E-mail: pmd.krinor@nf.sympatico.ca

44 Au-Cu-Pb-Zn-Ag — OROGENIC, Star Lake. Contact: Gary Rowsell. Telephone: (709) 672 3938. email: glrk_99@yahoo.com

45 Au — VMS, Dawes's Pond. Contact: William Mercer. Telephone: (709) 489-0372. E-mail:wpmercer@yahoo.ca

46 Au — OPTIONED. OROGENIC, Golden Promise. Contact: William Mercer. Telephone: (709) 489-0372. E-mail:wpmercer@yahoo.ca

47 Au — OROGENIC, Hurricane. Contact: Bill Kennedy. Telephone: (709) 800 1334. E-mail: billk@ectnl.com

48 Au — OROGENIC, Dump Pond. Contact: David Hicks. Telephone: (709) 882-2805. E-mail: david.hicks@bellaliant.net

49 Au-PGEs-Zn-Pb — MAGMATIC, Sheep Brook. Contact: Darrin Hicks. Telephone: (709) 889 4111. E-mail: hicks.properties@eastlink.ca

50 Au — OPTIONED. OROGENIC, Linda. Contact: Bill Kennedy. Telephone: (709) 800 1334. E-mail: billk@ectnl.com

51 Au — OROGENIC, True Grit. Contact: Mark Stockley. Tel: (709) 674-1522. E-Mail: markstockley1977@hotmail.com

52 Au - Cu — VMS, Miles Cove Mine. Contact: Roland Quinlan. Telephone: (709) 659 3100. E-Mail: roland.quinlan@nf.sympatico.ca

53 Au-Cu-Co — UNKNOWN, Salmon Bk. Contact: Darrin Hicks. Telephone: (709) 889 4111. E-mail: hicks.properties@eastlink.ca

54 Au-Sb — OROGENIC, Little River. Contact: Corwin Northcott. Telephone: (709) 330-0276. E-mail: corwinnorthcott@hotmail.com

55 Au-Sb — OROGENIC, Le Pouvoir. Contact: Corwin Northcott. Telephone: (709) 330-0276. E-mail: corwinnorthcott@hotmail.com

56 Au - Cu - Co — OPTIONED. UNCLASSIFIED EPIGENETIC, Black Raven / Taylor Brook. Contact: Roland Quinlan. Telephone: (709) 659 3100. E-Mail: roland.quinlan@nf.sympatico.ca

57 Au — OPTIONED. OROGENIC, Lazyman. Contact: Colin Kendell. Telephone: (709) 882-2661. E-mail: c_a_kendell@yahoo.ca

58 Au — OROGENIC, Rodgers Cove/Kypher. Contact: Derrick Fancey. Telephone: (709) 676-2124. E-mail: marilyn_fancey@yahoo.ca

59 Au — OROGENIC GOLD, Glovers Island. Contact: Wes Keats. Telephone: (709)-424 6037. E-Mail: keatsw@hotmail.com

60 Au-Base Metals — VMS, Long Lake. Contact: Kevin Keats. Tel: (709) 424-1077. E-mail: kkeats@nf.sympatico.ca

61 Au-Cu-Ag — OPTIONED. VMS, Point Leamington South. Contact: Neal Blackmore. Telephone: (709) 244-5255. E-mail: n-blackmore@hotmail.com

62 Au-Ag-Pb-Cu-W-Bi — OROGENIC/GRANITE RELATED, Terra Nova. Contact: Larry Rogers. Tel: (709) 523-2095. E-Mail: nrogers2003@msn.com

63 REE — OPTIONED. INTRUSION RELATED, Lost Pond. Contact: Bill Kennedy. Telephone: (709) 800 1334. E-mail: billk@ectnl.com

64 Au-Cu-Pb-Zn-Ag — VMS, Mary March. Contact: Wayde Guinchard. Telephone: (709) 754 5574. E-Mail: waydemyrt@yahoo.ca

65 Au — OPTIONED. OROGENIC, Goose. Contact: Stephen Stockley. Telephone: (709) 424-5333. E-mail: stockleysteve@hotmail.com

66 Au — OPTIONED. OROGENIC, Commanche. Contact: Stephen Stockley. Telephone: (709) 424-5333. E-mail: stockleysteve@hotmail.com

67 Au — OROGENIC GOLD, Rose Gold. Contact: Shawn Rose. Cell: (709)-649- 7613. E-Mail: shawn.r.rose@gmail.com

68 Au-Zn — OPTIONED. VMS, Burnt Pond. Contact: Stephen Stockley. Telephone: (709) 424-5333. Email: stockleysteve@hotmail.com

69 Au — OROGENIC, Wing's Point. Contact: Eddie Quinlan. Telephone: (709) 659 2173. E-Mail: ebqmail@gmail.com

70 Au — OROGENIC, Castor Bk. Contact: Wayde Guinchard. Telephone: (709) 754 5574. E-Mail: waydemyrt@yahoo.ca

71 Au — OROGENIC GOLD, Grey River. Contact: Wes Keats. Telephone: (709)-424 6037. E-Mail: keatsw@hotmail.com

72 Au — SHEAR ZONE RELATED, Dog Bay / Clutha. Contact: Eddie Quinlan. Telephone:(709) 659-2173. E-Mail: ebqmail@gmail.com

73 Au — OROGENIC, Virgin Arm. Contact: Kevin Keats. Tel: (709) 424-1077. E-mail: kkeats@nf.sympatico.ca

74 Au — OROGENIC, Star Track. Contact: Jim Weick. Telephone: (709) 687-5985. E-mail: weickjames4@gmail.com

75 Au — EPITHERMAL, The Outflow. Contact: Darrin Hicks. Telephone: (709) 889-4111. E-mail: hicks.properties@eastlink.ca

76 Au — OPTIONED. EPITHERMAL, Marilyn 3. Contact: Roland Quinlan. Phone: (709) 659-3100. Email: roland.quinlan@nf.sympatico.ca

77 Au-Cu-Zn-Sb-Ag-Ni — VMS, Lonely Otter / Chapel Island. Contact: Eddie Quinlan. Telephone: (709) 659-2173. E-mail: ebqmail@gmail.com

78 Au — OROGENIC, Titan. Contact: Roland Quinlan. Telephone: (709) 659 3100. E-Mail: roland.quinlan@nf.sympatico.ca

79 Au — OPTIONED. OROGENIC, Twi-lite. Contact: George Lannon / Steve Courtney. Telephone: (709) 227 7270. E-Mail: gflannon@personainternet.com

80 Au — OROGENIC, Mint Brook. Contact: Jim Weick. Telephone: (709) 687-5985. E-mail: weickjames4@gmail.com

81 Au — SHEAR ZONE RELATED / OROGENIC, Victoria Lake South. Contact: Metals Creek. Telephone: (709) 256-6060. Email: astares@metalscreek.com. Website: www.metalscreek.com

82 Au — INTRUSION RELATED/OROGENIC, Coaker Island. Contact: Eddie Quinlan. Telephone: (709) 659 2173. E-mail: ebqmail@gmail.com

83 Au-Cu-Sb — UNKNOWN, Cripple Creek. Contact: Derrick Fancey. Telephone:(709) 676-2124. E-Mail: marilyn_fancey@yahoo.ca

84 Zn - Cu - Ag - Au — OPTIONED. VMS, Shamrock. Contact: Stephen Stockley. Telephone: (709) 424-5333. E-mail: stockleysteve@hotmail.com

85 Au-W — OROGENIC, Charles Cove / Tims Cove. Contact: Darrin Hicks. Telephone: (709) 889 4111. E-mail: hicks.properties@eastlink.ca

86 Au — Intrusion Related, First Pond. Contact: Derrick Fancey. Telephone: (709) 676-2124. E-mail: marilyn_fancey@yahoo.ca

87 Au-Sb — OROGENIC, Wolf Pond. Contact: David Hicks. Telephone: (709) 882-2805. Email: david.hicks@bellaliant.net

88 Au — OPTIONED. EPIGENETIC?, Eagle's Claw. Contact: Albert Stone. Telephone:(709) 279-1959. Email:albert_g_stone@yahoo.ca

89 Au - Zn — HS EPITHERMAL or AU RICH VMS?, Kelstone. Contact: Albert Stone. Telephone:(709) 279-1959. Email:albert_g_stone@yahoo.ca

90 Cu-Ag — REDBED COPPER, Turk's Gut. Contact: Jason White. Telephone: (709) 727-3479. E-mail: jason_darwin_white@yahoo.com

91 Au — EPITHERMAL, Dog Pond / Santana. Contact: Jason White. Telephone: (709) 727-3479. E-mail: jason_darwin_white@yahoo.com

92 Au — EPITHERMAL, Strouds Pond. Contact: Nath Noel. Telephone: (709) 744 2248. E-mail: tundratrotter2005@nl.rogers.ca

93 Au — OPTIONED. EPITHERMAL, Braxton Bradley. Contact: Jeff Brushett. Tel: (709) 567-0357. E-mail: jeffbrushett@catapultmines.ca

94 Au — SHEAR ZONE RELATED/OROGENIC, Lundrigan. Contact: Albert Stone. Telephone: (709) 279-1959. Email: albert_g_stone@yahoo.ca

95 Cu — OPTIONED. UNKNOWN, Butlers Pond. Contact: N. Noel. Telephone: (709) 744 2248. E-mail: tundratrotter2005@nl.rogers.ca

96 Au — OROGENIC, Crow Hill. Contact: Darrin Hicks. Telephone: (709) 889-4111. E-mail: hicks.properties@eastlink.ca

97 Au — UNCLASSIFIED EPIGENETIC, Huxter Pond. Contact: Eddie Quinlan. Telephone: (709) 659 2173. E-Mail: ebqmail@gmail.com

98 Au — OROGENIC, Golden Grit. Contact: Mike Stares. Telephone: (709) 256-6060. Email: astares@metalscreek.com

99 Au — OPTIONED. OROGENIC, Aztec/Greenwood Pond. Contact: Wayde Guinchard. Telephone: (709) 754 5574. E-Mail: waydemyrt@yahoo.ca

100 Au — OROGENIC, The Knob. Contact: Roland Quinlan. Phone: (709) 659-3100. Email: roland.quinlan@nf.sympatico.ca

101 Au — EPIGENETIC, Eagle's Vision. Contact: Kevin Stagg. Telephone:(709)-693-0882. E-Mail: kwstagg@all-safeconsulting.com

102 Au — OPTIONED. OROGENIC, Pauls Pond. Contact: Wayde Guinchard. Telephone: (709) 754 5574. E-Mail: waydemyrt@yahoo.ca

103 Au — UNCLASSIFIED EPIGENETIC, Little River Property. Contact: David Hicks. Telephone: (709) 882-2805. E-mail: hicksprospecting@eastlink.ca

104 Au — UNCLASSIFIED EPIGENETIC, Roti Bay. Contact: Darrin Hicks. Telephone: (709) 889 4111. E-mail: hicks.properties@eastlink.ca

105 Au — OROGENIC, New World Island. Contact: Wayde Guinchard. Telephone: (709) 754 5574. E-Mail: waydemyrt@yahoo.ca

106 Au — EPITHERMAL, Grog Pond. Contact: Kevin Ryan. Telephone: (709) 738-2340. E-mail: ryandesign@nf.sympatico.ca

107 Au-Ag — OPTIONED. EPITHERMAL, Hickey's Pond. Contact: Nath Noel. Telephone: (709) 744-2248. E-mail: tundratrotter2005@nl.rogers.ca

108 Au — OROGENIC, Smokin' Joe Property. Contact: Sandy Duffitt. Telephone: 709-466-3005. Email: sandy.duffitt@nf.sympatico.ca

109 Au — EPITHERMAL, Bergs. Contact: Jason White. Telephone: (709) 727-3479. E-mail: jason_darwin_white@yahoo.com

110 Au — EPITHERMAL, Steep Nap. Contact: Jason White. Telephone: (709) 727-3479. E-mail: jason_darwin_white@yahoo.com

111 Au — OROGENIC, Big Pond / Blue Peter. Contact: David Hicks. Telephone: (709) 882-2805. Email: david.hicks@bellaliant.net

112 Au — OPTIONED. EPITHERMAL, High Beach. Contact: Albert Stone. Telephone:(709) 279-1959

113 Au-Pb-Zn — VMS, Pastureland Road. Contact: N. Noel. Telephone: (709) 744 2248. E-mail: tundratrotter2005@nl.rogers.ca

114 Au — OPTIONED. EPIGENETIC?, Thorburn Lake / Big Easy. Contact: Alex Turpin. Telephone: (709) 745 5574. Fax:(709) 745 5574

115 Au — EPIGENETIC?, Abotts Brook. Contact: Roland Quinlan. Telephone: (709) 659 3100. E-Mail: roland.quinlan@nf.sympatico.ca

116 Au — EPITHERMAL, Manuels Gold. Contact: Kevin Ryan. Telephone: (709) 738-2340. E-mail: ryandesign@nf.sympatico.ca

117 Au-Cu — OPTIONED. INTRUSION RELATED, Creston North. Contact: Jeff Brushett. Telephone:(709) 567-0357. E-Mail: rockywolf4@gmail.com

118 Au — OPTIONED. EPITHERMAL, Lamaline. Contact: Alex Turpin. Telephone:(709) 745-5574. Email: alexanderturpin@yahoo.ca

119 Au-Cu — RED BED?, Doe Hills. Contact: Roy French. Telephone: (709) (709) 596-2908. E-mail: rpfrench@hotmail.com

120 Au — OROGENIC, Silver Cove. Contact: Albert Stone. Telephone:(709) 279-1959. Email:albert_g_stone@yahoo.ca

121 Au — LOW SULPHIDATION EPITHERMAL, Tug Pond East. Contact: Clode Sound Resources. Eric Hussey. Telephone: (709) 689 9669. E-mail: hussey_eric@hotmail.com

122 Au - Ag — LOW SULPHIDATION EPITHERMAL, New Fortune. Contact: Clode Sound Resources. Eric Hussey. Telephone: (709) 689 9669. E-mail: hussey_eric@hotmail.com

HUMBER ZONE

APPALACHIAN CYCLE GOLD

Epithermal Au

Sedimentary-rock hosted disseminated Au

Intrusion-related Au

Mid-Paleozoic extensional cover basins

Siluro-Devonian plutonic & volcanic rocks (Internal Humber zone)

Early Paleozoic rift-, slope-, shelf- and foreland basin-facies carbonate and siliciclastic rocks

Proterozoic plutonic basement (Laurentian)

GANDER ZONE

APPALACHIAN CYCLE GOLD

Intrusion-related Au-Bi-W-Cu-Mo

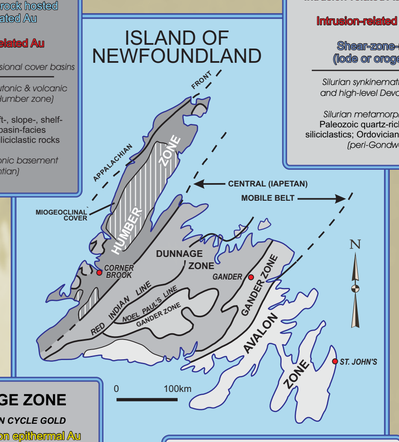
Intrusion-related Au-Cu, Mo

Shear-zone-related (lode or orogenic) Au

Silurian synkinematic granitoids and high-level Devonian plutons

Silurian metamorphosed Early Paleozoic quartz-rich terrigenous siliciclastics; Ordovician magmatic rocks *(peri-Gondwanan)*

ISLAND OF NEWFOUNDLAND



DUNNAGE ZONE

APPALACHIAN CYCLE GOLD

Low-sulphidation epithermal Au

Sedimentary-rock hosted disseminated Au

Shear-zone related (lode or orogenic) Au

Intrusion-related Au

Au-bearing VMS

Silurian and Devonian granites and mafic intrusions

Silurian marine to terrestrial volcano-sedimentary basins

Cambro-Ordovician marine volcanic and sedimentary rocks of arc and back-arc origin, including ophiolite *(vestiges of Iapetus)*

AVALON ZONE

PRE-APPALACHIAN CYCLE GOLD

Fe-oxide–Cu–Au

High- & low-sulphidation epithermal Au

Intrusion-related Au

Shear-zone-related (lode or orogenic) Au

Devonian terrestrial basins

Cambrian shallow-marine, shaley platformal cover

Latest Neoproterozoic (post-560 Ma) pull-apart basins and related peralkaline magmatic rocks

Neoproterozoic (760-565 Ma) volcano-plutonic arc complexes and siliciclastic sedimentary basins overlain by shaley deltaic rocks (peri-Gondwanan)

High Sulphidation
Examples:
- Bobby's Pond
- Hope Brook
- Hickey's Pond
- Stewart
- Kelstone
- Manuels Mine
- Paradise
- Merasheen

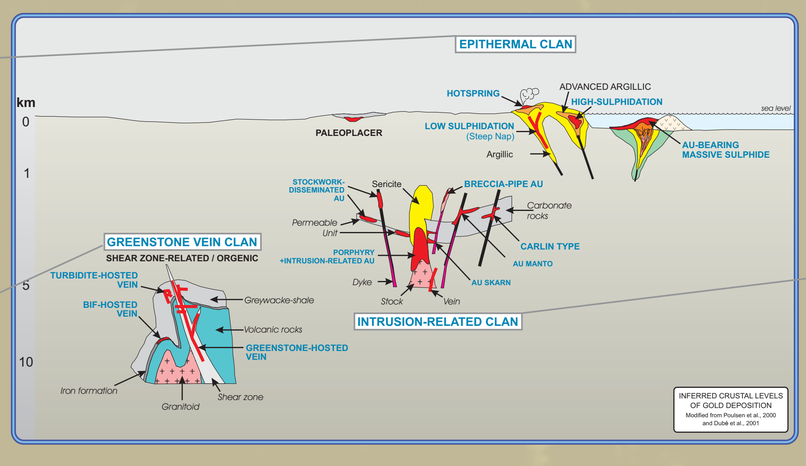
Low Sulphidation
Examples:
- Moosehead
- Island Pond
- Paradise Lake (?)
- Aztec
- Crow Hill
- Steep Nap
- Bergs
- Grog Pond

Epithermal Unclassified
Examples:
- Simms Ridge
- Browning
- Midas Pond(?)

Massive Sulphide-Related
Examples:
- Buchans
- Tilt Cove
- Rambler (Mine)
- Ming
- Little Bay
- Colchester (?)
- Pastureland Road

Shear Zone-Related / Orogenic
Examples:
- Cape Ray
- Big Pond
- Window Glass Hill
- Isle aux Morts
- Hammerdown
- Romeo & Juliette
- Stog'er Tight
- Baie Verte Line
- Star Track
- Kitchen, Whale Cove, Corbin

BIF-Hosted Vein
Examples:
- Nugget Pond
- Goldenville
- Timber Pond



Porphyry & Intrusion-Related
Examples:
- Grey River
- Frenchman's Cove
- Dolland Brook
- Mt. Peyton
- Butlers Pond
- Triangle Pond

Iron-Oxide–Copper–Gold
Examples:
- Dunns Mountain
- Cross Hills
- West Princess

Carlin-Type
Examples:
- Glenwood Trend
- Mustang Trend
- Jackson's Arm

Geological Survey of Newfoundland & Labrador

November, 2019