

LEGEND

- Topographic Contours
- Drainage
- Swamp / Marsh
- Ice Field
- Property Boundary
- Regional Geological Contact & Rock Unit Code
- Fault

2004 SAMPLING

- Rock Sample
- Rock Float Sample
- Soil Sample
- Silt Sample

METLA PROPERTY GEOLOGICAL LEGEND
(includes units identified by detailed mapping at the Metla Cr. Area - MCA)

- Quaternary to Recent**
- Unit 11 Till, glaciofluvial outwash and alluvium
 - 11a Alluvium: sand and gravel.
 - 11b Ablation till, moraine, sand and gravel; basal till (minor).
- Late Cretaceous or Tertiary (?)**
- Late Intrusive Dykes**
- Unit 10 Hornblende porphyry lamprophyre(?) dykes (MCA):
- Intrusive Associated Hydrothermal Breccia**
- Unit 9 Ankeritic hydrothermal breccia, typically <1% disseminated pyrite (MCA):
 - 9a Andesite breccia.
 - 9b Argillite breccia.
 - 9c Heterolithic breccia.
 - 9d Ankerite vein stockwork.
 - 9e Hydrothermal breccia with semi-massive, irregular pyrite-sphalerite + arsenopyrite + galena + chalcopyrite veins and breccia clast replacements.
- Subaerial Volcanic Rocks**
- Unit 8 Dacite (formerly as Sikto Group):
 - 8a Dacite tephroclastic breccia.
 - 8b Rhyolite tuff, tuffaceous sediments.
 - 8c Andesite tuff.
- Intrusive Stocks**
- Unit 7 Felsic plutonic rocks (formerly as Sikto Group):
 - 7a Quartz-dioritic felsic stock.
 - 7b Alkali felsic granite.
- Mesozoic (Late Triassic ?) - Coast Plutonic Complex**
- Unit 6 Quartz diorite
- Upper Triassic - Stuhini Group Volcanics and Volcanoclastics**
- Unit 5 Andesite dykes (MCA):
 - Unit 4 Undivided: andesite and basalt (minor), andesite volcanoclastics, sediments.
 - 4a Tuffaceous sediments (MCA).
 - 4b Tuffaceous breccia (MCA).
 - 4c Lapilli tuff (MCA).
 - 4d Aegle porphyry basalt (?), possible dyke. (MCA).
- Mid-Triassic - Unconformity (?)**
- Paleozoic to Lower Triassic - Stikine Assemblage(?)**
- Unit 3 Pyroxenite - Dark green, pyroxene megacrysts, disseminated magnetite, pyrite, contacts fine grained (MCA).
 - Unit 2 Gabro - Sills and minor plugs, intense saussurization, includes possible local anorthosite (MCA):
 - 2a Hornblende diorite
 - 2b Argillaceous sediments (MCA):
 - 1a Pale to dark grey cherty argillite.
 - 1b Med. to dark grey chert.
 - 1c Pale and dark grey alternating thin bedded siltstone and chert.
 - 1d Pale to med. grey, well bedded limy siltstone.
 - 1e Siliceous pebble conglomerate.

- Alteration**
- Carb Carbonate alteration - common in all rock units, typically associated with fault structures and structural ground preparation.
 - Calc Calcite; veins.
 - Silc Silicification.
 - Qtzn Quartz vein.
 - Hem Hematite, locally occurring red hematitic alteration.
 - Spc Spicularite; minor.
 - Epid Epidote; veinlets.
 - Brc Brucite.
 - Sx Sulphides.
 - Py Pyrite.
 - Sph Sphalerite.
 - Cpy Chalcopyrite.
 - Aspy Arsenopyrite.
 - Gn Galena.
 - Fu Fuchsite.

Altitudes
25
30
35

Fault
Contact, bedding
Vein

Contour Interval is 20m
Projection & Datum: NAD 83, UTM, Zone 8

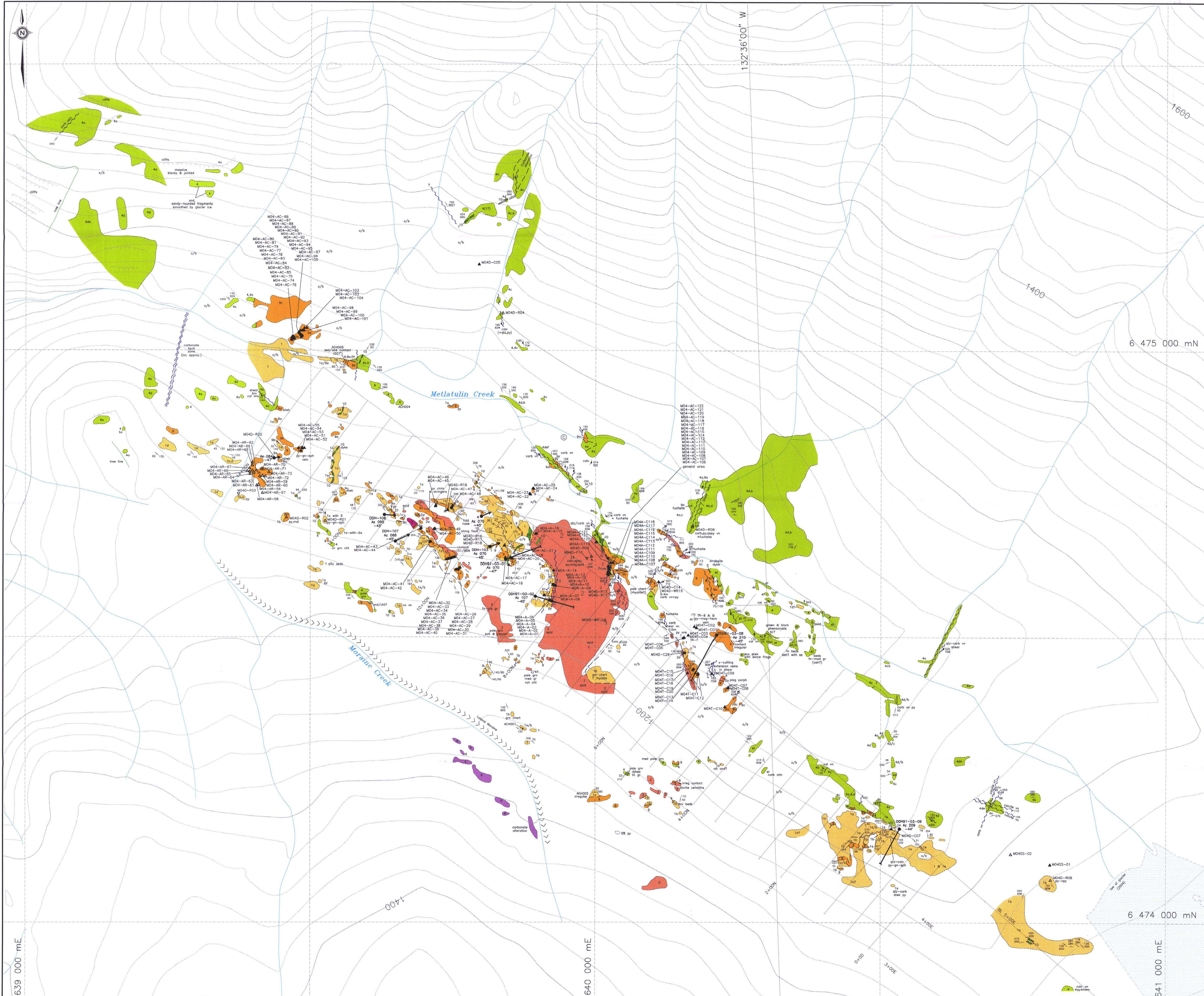
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Solomon Resources Ltd.

METLA PROPERTY
NORTHWEST BRITISH COLUMBIA

ROCKS & GEOLOGY

Scale: 1:20,000 BCGS: 104K037,038,047,048
Date: May 2005 Fig: 6



LEGEND

- Topographic Contours
- Drainage
- Swamp / Marsh
- Ice Field

METLA PROPERTY GEOLOGICAL LEGEND
(Includes units identified by detailed mapping at the Metla Cr. Area - MCA)

QUATERNARY TO RECENT

- 11 Till, glaciofluvial outwash and alluvium
- 11a Alluvium, sand and gravel
- 11b Alluvium till, moraine, sand and gravel, basal till (minor)

LATE CRETACEOUS OR TERTIARY (?)

- Late Intrusive Dikes
- 10 Hornblende porphyry lamprophyre(?) dikes (MCA)
- Intrusive Associated Hydrothermal Breccia
- 9 Ankeritic hydrothermal breccia; typically <1% disseminated pyrite (MCA);
 - 9a Andesite breccia;
 - 9b Argillite breccia;
 - 9c Hematitic breccia;
 - 9d Ankerite vein stockwork;
 - 9e Hydrothermal breccia with semi-massive, irregular pyrite sphaerules, arsenopyrite, galena, chalcocopyrite veins and breccia clast replacements;

Subvolcanic Volcanic Rocks

- 8 Dacite (formerly as Slika Group);
 - 8a Dacite, hornblende breccia;
 - 8b Dacite tuff, tuffaceous sediments;
 - 8c Andesite tuff;

Intrusive Stocks

- 7 Felsic plutonic rocks (formerly as Slika Group);
 - 7a Quartz-physics felsic stock;
 - 7b Alkali feldspar granite;

MESOZOIC (LATE TRIASSIC ?) - COAST PLUTONIC COMPLEX

- 6 Quartz diorite

UPPER TRIASSIC - STURM GROUP VOLCANICS & VOLCANOCLASTICS

- 5 Andesite dikes (MCA);

MID-TRIASSIC - UNCONFORMITY (?)

- 4 Undivided; andesite and basalt (minor), andesite volcanoclastics, sediments;
 - 4a Tuffaceous sediments (MCA);
 - 4b Tuffaceous breccia (MCA);
 - 4c Lapilli tuff (MCA);
 - 4d Angite porphyry basalt (?) ; possible dike (MCA);

PALEOZOIC TO LOWER TRIASSIC - STIKINE ASSEMBLAGE

- 3 Pyroxenite - Dark green, pyroxene megacrysts, with disseminated magnetite, pyrite, contacts fine grained (MCA);
- 2 Gabbro? - Sills and minor plugs; intense sauerstoffation; includes possible local anorthosite (MCA);
 - 2a Hornblende diorite
- 1 Argillaceous sediments (MCA);
 - 1a Pale to dark grey clayey argillite;
 - 1b Pale to dark grey chert;
 - 1c Pale and dark grey alternating thin bedded siltstone and chert;
 - 1d Pale to med. grey, well bedded limy siltstone;
 - 1e Siliceous pebble conglomerate.

ALTERATION

- Carb Carbonate alteration - common in all rock units, typically associated with fault structures and structural ground preparation.
- Calc Calcite veins;
- Silc Silicification;
- Qtz Quartz vein;
- Hem Hematite, locally occurring red hematite alteration;
- Spec. Specularite; minor;
- Epil Epidote veins;
- Bx Breccia;
- Sr Sulfides;
- Py Pyrite;
- Sph Sphalerite;
- Cpy Chalcocopyrite;
- App Arsenopyrite;
- Gal Galena;
- Fu Fuchsite.

Structural Features:

- Outcrop
- Geological Contact
- Fault / Shear
- Bedding and other structural attitudes
- Fracture attitude
- Vein attitude
- Drill Hole
- Rock chip sample
- Rock grab sample
- Rock float sample

Contour interval is 20m
Projection & Datum: NAD 83, UTM, Zone 8

0 100 m

Solomon Resources Ltd.

METLA PROPERTY
NORTHWEST BRITISH COLUMBIA

DETAIL AREA
GEOLOGY

Scale: 1:2000 BCOS: 104K037.038,047,048 Fig. 7
Date: May 2005

