

Map Area

Project Area Claims

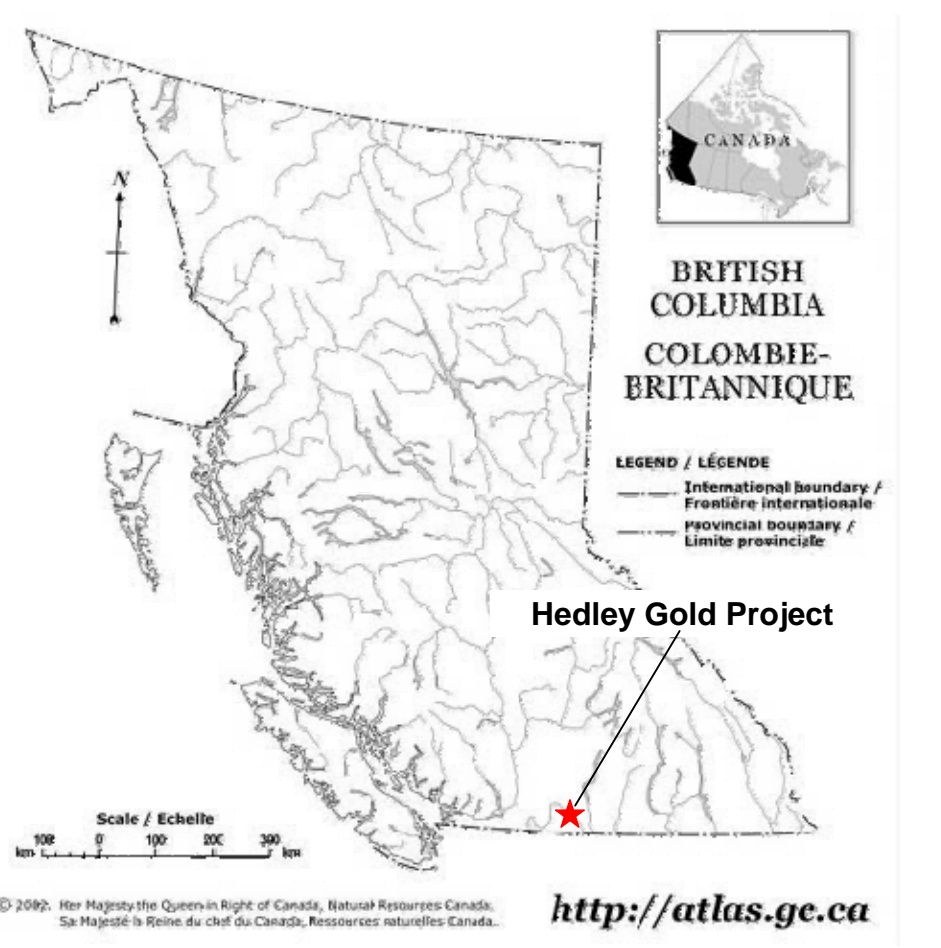
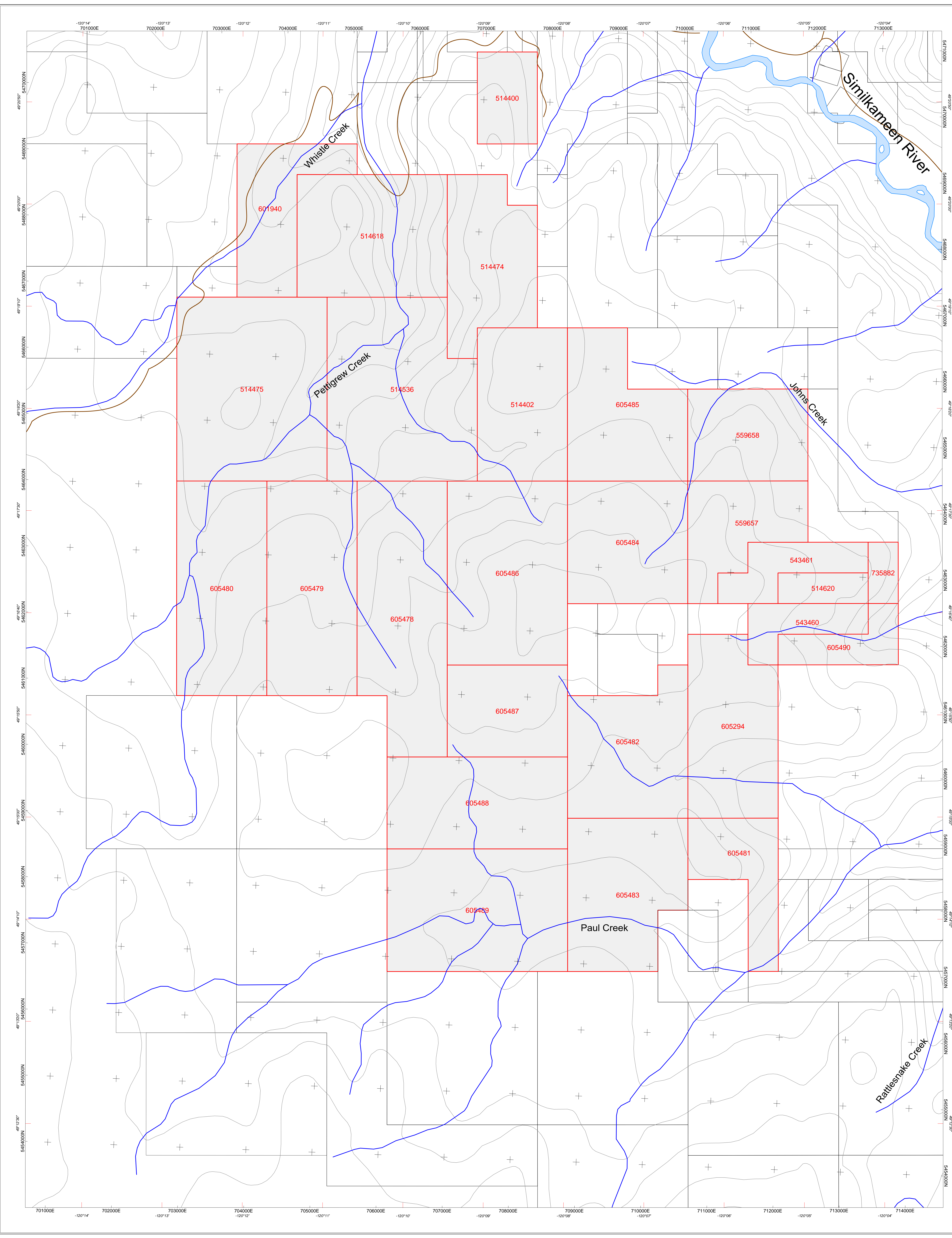
Nickel Plate Au Mine

Vancouver & Lower Mainland



Figure 1.0

Grant F. Crooker
 Hedley Gold Project, Hedley, BC
 Simikansen & Osoyos M.D.s., S.C.
 NTS: 092H.029, 030, 039, 040
Location Map
 Map Date: June, 2010
 Map File Name: Fig 1.0 Hedley Gold Project Location Map.mxd
 GFC Consultants Inc.



Legend

- 559658 Claim Tenure Number
- [Red outline] Sterling Claims Hedley Gold Project
- [Blue outline] Other Claims
- [Blue line] Streams/Rivers
- [Blue area] Water Bodies
- [Brown line] Roads & Logging Roads/Trails
- [Grey line] Topographic Contours

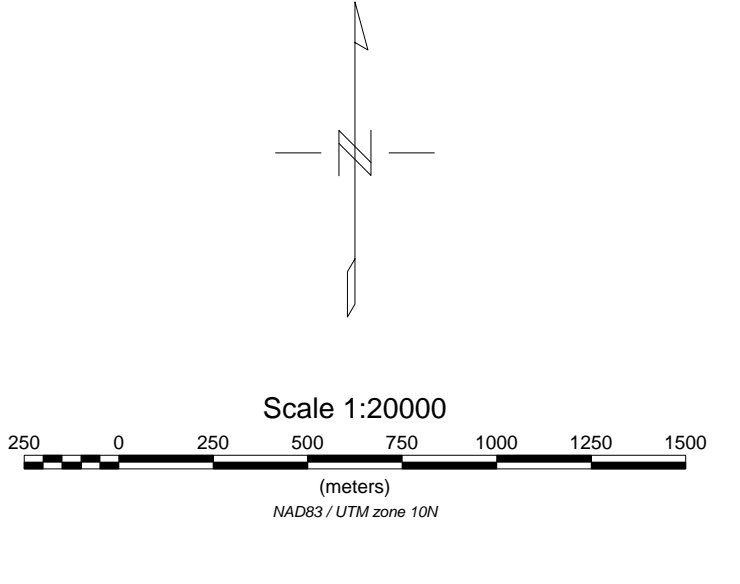
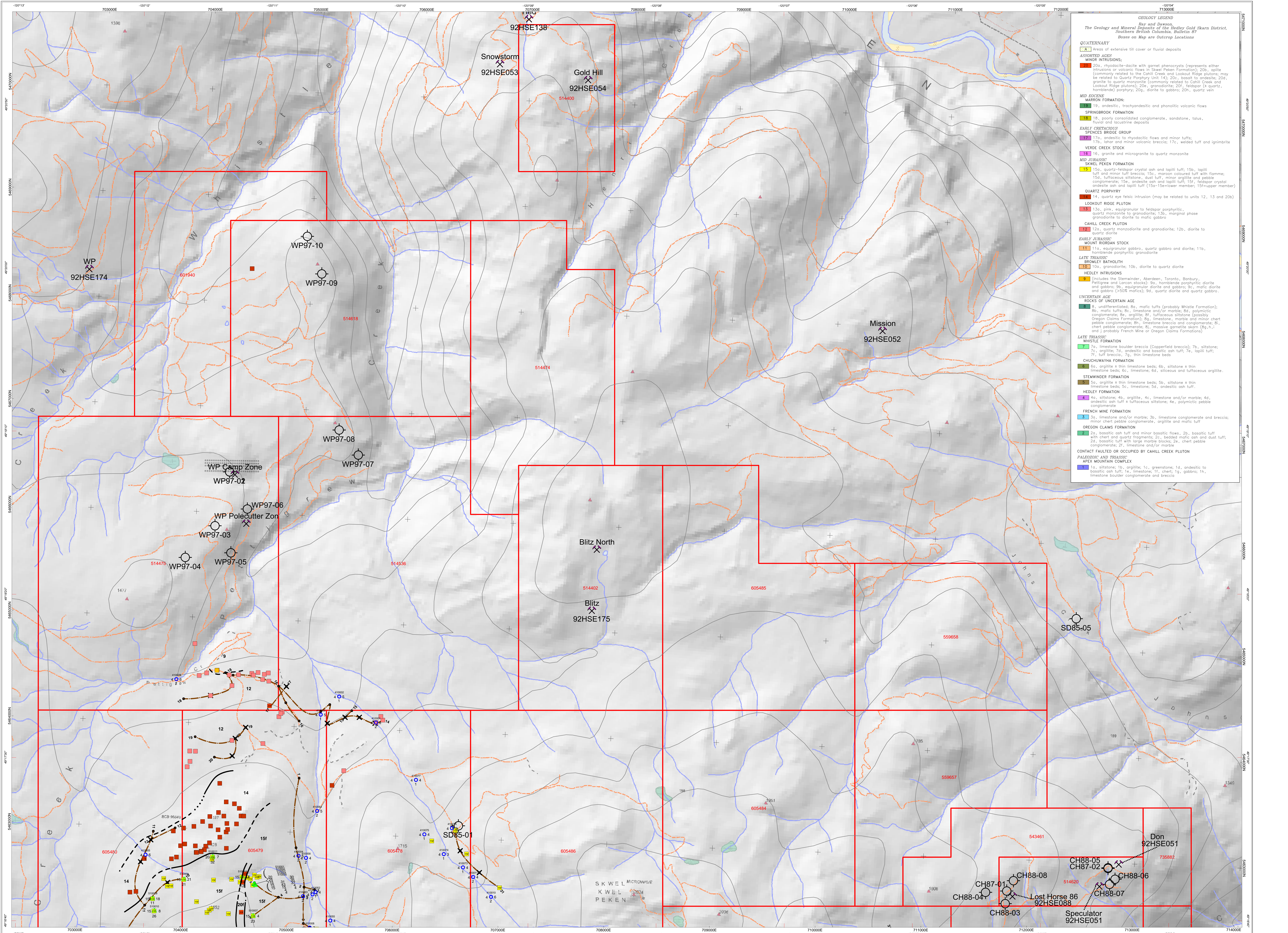


Figure 2.0
GRANT F. CROOKER
Hedley Gold Project, Hedley, BC
 Simikameen & Osyoos Mining Divisions, BC
 NTS: 92H 029, 030, 039, 040
Claim Map
GFC Consultants Inc.



GEOLOGY LEGEND
 Roy and Dawson
 Deposits of the Hedley Gold Skarn District,
 Southern British Columbia, Bulletin 87
 Boxes on Map are Outcrop Locations

QUATERNARY
 [Symbol] Areas of extensive till cover or fluvial deposits

ASSORTED AGES
MINOR INTRUSIONS:
 [Symbol] rhyodacite-dacite with garnet phenocrysts (represents either intrusions or volcanic flows in Skwel Peken Formation); 20b, apite (commonly related to the Cahill Creek and Lookout Ridge plutons; may be related to Quartz Porphyry Unit 14); 20c, basalt to andesite; 20d, granite to quartz monzonite (commonly related to Cahill Creek and Lookout Ridge plutons); 20e, granodiorite; 20f, feldspar (± quartz, hornblende) porphyry; 20g, diorite to gabbro; 20h, quartz vein

MID MIOCENE
MARSON FORMATION:
 [Symbol] 19, andesitic, trachyandesitic and phonitic volcanic flows

SPRINGBROOK FORMATION
 [Symbol] 18, poorly consolidated conglomerate, sandstone, talus, fluvial and lacustrine deposits

EARLY CRETACEOUS
SPENCES BRIDGE GROUP
 [Symbol] 17a, andesite to rhyodacitic flows and minor tuffs; 17b, lahar and minor volcanic breccia; 17c, welded tuff and ignimbrite

VERDE CREEK STOCK
 [Symbol] 16, granite and microgranite to quartz monzonite

MID JURASSIC
SKWEL PEKEN FORMATION
 [Symbol] 15a, quartz-feldspar crystal ash and lapilli tuff; 15b, lapilli tuff and minor tuff breccia; 15c, mafic coloured tuff with flame; 15d, tuffaceous siltstone, dust tuff, minor argillite and pebble conglomerate; 15e, andesite ash and lapilli tuff; 15f, feldspar crystal andesite ash and lapilli tuff (15a-15e=lower member; 15f=upper member)

QUARTZ PORPHYRY
 [Symbol] 14, quartz-epitaxial felsic intrusion (may be related to units 12, 13 and 20b)

LOOKOUT RIDGE PLUTON
 [Symbol] 13a, pink, equigranular to feldspar porphyritic, quartz monzonite to granodiorite; 13b, marginal phase granodiorite to diorite to mafic gabbro

CAHILL CREEK PLUTON
 [Symbol] 12a, quartz monzoniorite and granodiorite; 12b, diorite to quartz diorite

EARLY JURASSIC
MOUNT RIORAN STOCK
 [Symbol] 11a, equigranular gabbro, quartz gabbro and diorite; 11b, hornblende porphyritic granodiorite

LATE TRIASSIC
BROWLEY BATHOLITH
 [Symbol] 10a, granodiorite; 10b, diorite to quartz diorite

HEDLY INTRUSIONS
 [Symbol] 9 (includes the Stenwinder, Aberdeen, Toronto, Bonbury, Pettigrew and Larson stocks); 9a, hornblende porphyritic diorite and gabbro; 9b, equigranular diorite and gabbro; 9c, mafic diorite and gabbro (>50% mafic); 9d, quartz diorite and quartz gabbro.

UNCERTAIN AGE
ROCKS OF UNCERTAIN AGE
 [Symbol] 8, undifferentiated; 8a, mafic tuffs (probably Whistle Formation); 8b, mafic tuffs; 8c, limestone and/or marble; 8d, polymictic conglomerate; 8e, argillite; 8f, tuffaceous siltstone (possibly Oregon Claims Formation); 8g, limestone, marble and minor chert pebble conglomerate; 8h, limestone breccia and conglomerate; 8i, chert pebble conglomerate; 8j, massive garnetiferous skarn (8a-h, i and j probably French Mine or Oregon Claims Formations)

LATE TRIASSIC
WHISTLE FORMATION
 [Symbol] 7a, limestone boulder breccia (Copperfield breccia); 7b, siltstone; 7c, argillite; 7d, andesitic and basaltic ash tuff; 7e, lapilli tuff; 7f, tuff breccia; 7g, thin limestone beds

CHUCHUWAYHA FORMATION
 [Symbol] 6a, argillite ± thin limestone beds; 6b, siltstone ± thin limestone beds; 6c, limestone; 6d, siliceous and tuffaceous argillite.

STEMWINDER FORMATION
 [Symbol] 5a, argillite ± thin limestone beds; 5b, siltstone ± thin limestone beds; 5c, limestone; 5d, andesitic ash tuff.

HEDLY FORMATION
 [Symbol] 4a, siltstone; 4b, argillite; 4c, limestone and/or marble; 4d, andesitic ash tuff ± tuffaceous siltstone; 4e, polymictic pebble conglomerate

FRENCH MINE FORMATION
 [Symbol] 3a, limestone and/or marble; 3b, limestone conglomerate and breccia; minor chert pebble conglomerate, argillite and mafic tuff

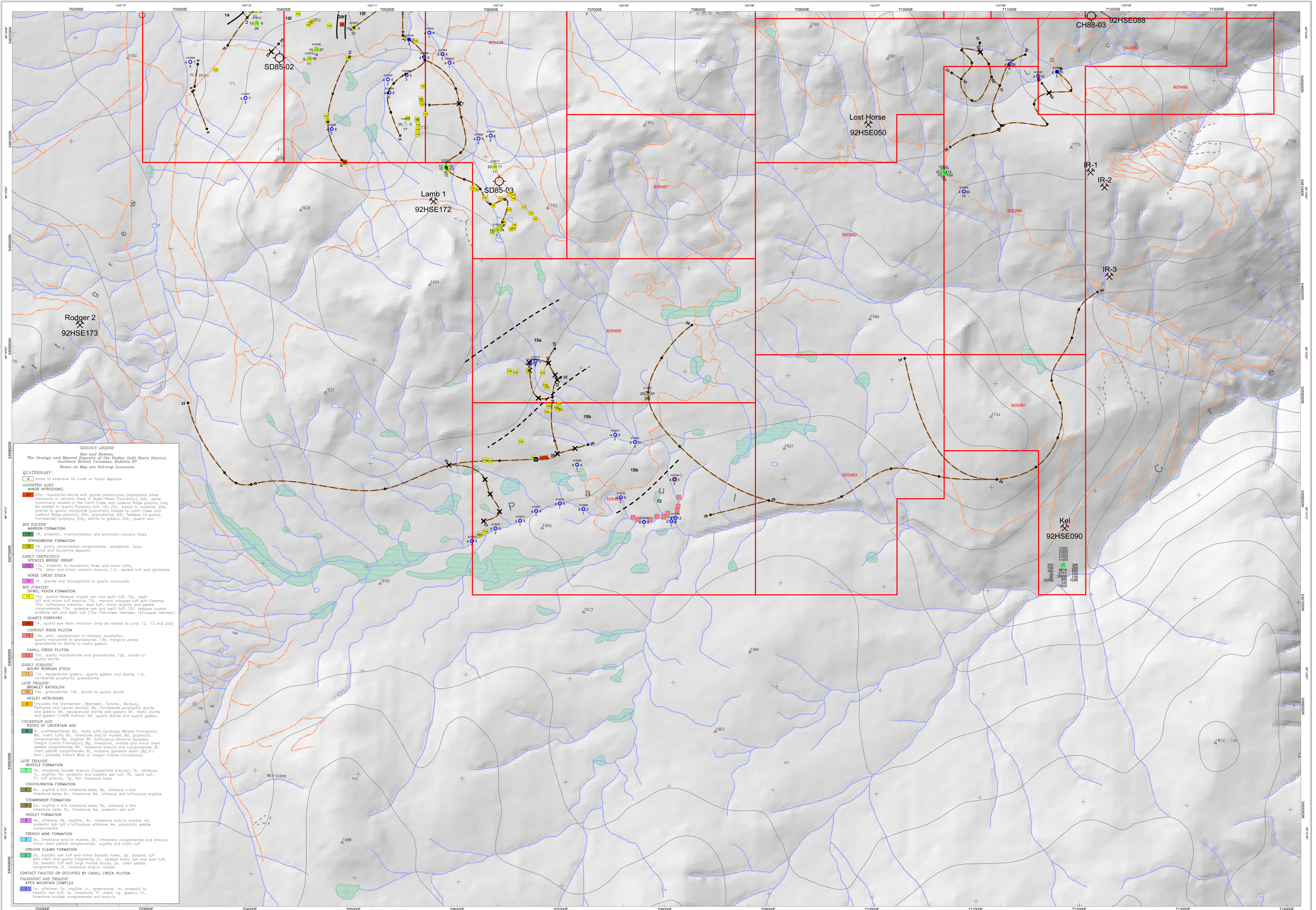
OREGON CLAIMS FORMATION
 [Symbol] 2a, basaltic ash tuff and minor basaltic flows; 2b, basaltic tuff with chert and quartz fragments; 2c, bedded mafic ash and dust tuff; 2d, basaltic tuff with large marble blocks; 2e, chert pebble conglomerate; 2f, limestone and/or marble

CONTACT FAULTED OR OCCUPIED BY CAHILL CREEK PLUTON
PALAEZOIC AND TRIASSIC
APEX MOUNTAIN COMPLEX
 [Symbol] 1a, siltstone; 1b, argillite; 1c, greenstone; 1d, andesite to basaltic ash tuff; 1e, limestone; 1f, chert; 1g, gabbro; 1h, limestone boulder conglomerate and breccia

Map Legend

[Symbol] defined	[Symbol] Geological Contact	[Symbol] 41000	[Symbol] Sample Number	[Symbol] 51000	[Symbol] Sample Number	[Symbol] New Roads	[Symbol] 605483	[Symbol] Claim Tenure Number	[Symbol] Roads & Logging Roads/Trails
[Symbol] approximate	[Symbol] Contact	[Symbol] 4	[Symbol] Silt Sample Location	[Symbol] 25	[Symbol] Gold ppb	[Symbol] Deactivated Roads	[Symbol] 605484	[Symbol] Sterling Claims	[Symbol] Bridges
[Symbol] assumed	[Symbol] Outcrop Location & Rock Unit	[Symbol] 30	[Symbol] Copper ppm	[Symbol] 35	[Symbol] Arsenic ppm	[Symbol] Drill Hole Location	[Symbol] 605485	[Symbol] Streams/Rivers	[Symbol] Cut Banks & Cultural Outlines
[Symbol]	[Symbol] Fault	[Symbol] 14	[Symbol] Arsenic ppm	[Symbol] 43	[Symbol] Soil Sample Location	[Symbol] Drill Hole Name	[Symbol] 605486	[Symbol] Lakes & Ponds	[Symbol] Topographic High in Meters
							[Symbol] 605487	[Symbol] Wet Areas	[Symbol] Topographic Contours

Figure 5.0
GRANT F. CROOKER
Hedley Gold Project, Hedley, BC
 Similkameen & Osoyoos Mining Divisions, BC
 924-029-038 (330 and 040)
Geology, Silt and Rock Sample Locations
North Half
GFC Consultants Inc.



GEOLOGY LEGEND
Ray and Dawson, The Geology and Mineral Deposits of the Hedley Gold Skarn District, Southern British Columbia, Bulletin 47
 Boxes on Map are Outcrop Locations

QUATERNARY
 [X] Areas of extensive till cover or fluvial deposits

ASSORTED ACIDIC MINOR INTRUSIONS:
 20a, rhyodolite-dacite with garnet phenocrysts (represents either intrusions or volcanic flows in Skwel Peken Formation); 20b, granite (commonly related to the Cahill Creek and Lookout Ridge plutons); may be related to Quartz Porphyry Unit (14); 20c, basalt to andesite; 20d, granite to quartz monzonite (commonly related to Cahill Creek and Lookout Ridge plutons); 20e, granodiorite; 20f, felspar (± quartz, hornblende) porphyry; 20g, diorite to gabbro; 20h, quartz vein

MID EOCENE WILSON FORMATION:
 19, andesite, trachyandesitic and phonolitic volcanic flows

SPRINGBROOK FORMATION
 18, poorly consolidated conglomerate, sandstone, talus, tuffal and lacustrine deposits

EARLY CRETACEOUS SPENCES BRIDGE GROUP
 17a, andesite to rhyodolite flows and minor tuffs; 17b, lahar and minor volcanic breccia; 17c, welded tuff and ignimbrite

VERDE CREEK STOCK
 16, granite and microgranite to quartz monzonite

MID JURASSIC SKWEL PEKEN FORMATION
 15a, quartz-feldspar crystal ash and lapilli tuff; 15b, lapilli tuff and minor tuff breccia; 15c, maroon coloured tuff with flame; 15d, tuffaceous siltstone, dust tuff, minor argillite and pebble conglomerate; 15e, andesite ash and lapilli tuff; 15f, felspar crystal andesite ash and lapilli tuff (15a-15e=lower member; 15f=upper member)

QUARTZ PORPHYRY
 14, quartz eye felsic intrusion (may be related to units 12, 13 and 20a)

LOOKOUT RIDGE PLUTON
 13a, pink, equigranular to felspar porphyritic, quartz monzonite to granodiorite; 13b, marginal phase granodiorite to diorite to mafic gabbro

CAHILL CREEK PLUTON
 12a, quartz monzodiorite and granodiorite; 12b, diorite to quartz diorite

EARLY JURASSIC MOUNT ROROKAN STOCK
 11a, equigranular gabbro, quartz gabbro and diorite; 11b, hornblende porphyritic granodiorite

LATE TRIASSIC BROMLEY BATHOLITH
 10a, granodiorite; 10b, diorite to quartz diorite

HEDELY INTRUSIONS
 9, (includes the Stenwinder, Aberdeen, Toronto, Banbury, Pettigrew and Loran stocks); 9a, hornblende porphyritic diorite and gabbro; 9b, equigranular diorite and gabbro; 9c, mafic diorite and gabbro (>50% mafic); 9d, quartz diorite and quartz gabbro

UNCERTAIN AGE ROCKS OF UNCERTAIN AGE
 8, undifferentiated; 8a, mafic tuffs (probably Whistle Formation); 8b, mafic tuffs; 8c, limestone and/or marble; 8d, polymictic conglomerate; 8e, argillite; 8f, tuffaceous siltstone (possibly Oregon Claims Formation); 8g, limestone, marble and minor chert pebble conglomerate; 8h, limestone breccia and conglomerate; 8i, chert pebble conglomerate; 8j, massive garnetite skarn (8g,h,i and j probably French Mine or Oregon Claims Formations)

LATE TRIASSIC WHISTLE FORMATION
 7a, limestone boulder breccia (Copperfield breccia); 7b, siltstone; 7c, argillite; 7d, andesite and basaltic ash tuff; 7e, lapilli tuff; 7f, tuff breccia; 7g, thin limestone beds

CHUCHUWAYHA FORMATION
 6a, argillite ± thin limestone beds; 6b, siltstone ± thin limestone beds; 6c, limestone; 6d, siliceous and tuffaceous argillite

STENWINDER FORMATION
 5a, argillite ± thin limestone beds; 5b, siltstone ± thin limestone beds; 5c, limestone; 5d, andesite ash tuff

HEDELY FORMATION
 4a, siltstone; 4b, argillite; 4c, limestone and/or marble; 4d, andesite ash tuff ± tuffaceous siltstone; 4e, polymictic pebble conglomerate

FRENCH MINE FORMATION
 3a, limestone and/or marble; 3b, limestone conglomerate and breccia; minor chert pebble conglomerate, argillite and mafic tuff

OREGON CLAIMS FORMATION
 2a, basaltic ash tuff and minor basaltic flows; 2b, basaltic tuff with chert and quartz fragments; 2c, bedded mafic ash and dust tuff; 2d, basaltic tuff with large marble blocks; 2e, chert pebble conglomerate; 2f, limestone and/or marble

CONTACT FAULTED OR OCCUPIED BY CAHILL CREEK PLUTON

PALEOZOIC AND TRIASSIC APEX MOUNTAIN COMPLEX
 1a, siltstone; 1b, argillite; 1c, greenstone; 1d, andesite to basaltic ash tuff; 1e, limestone; 1f, chert; 1g, gabbro; 1h, limestone boulder conglomerate and breccia

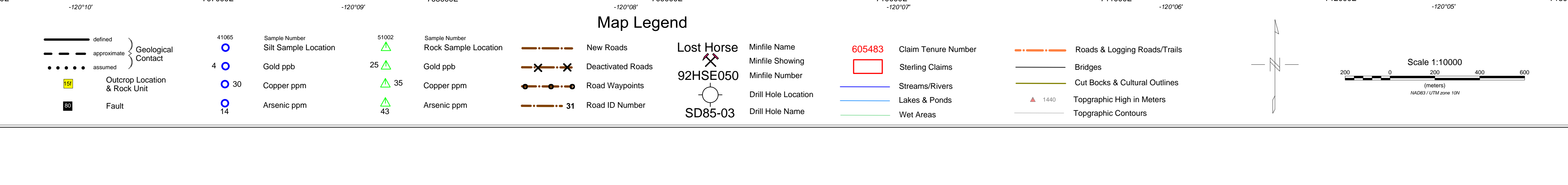
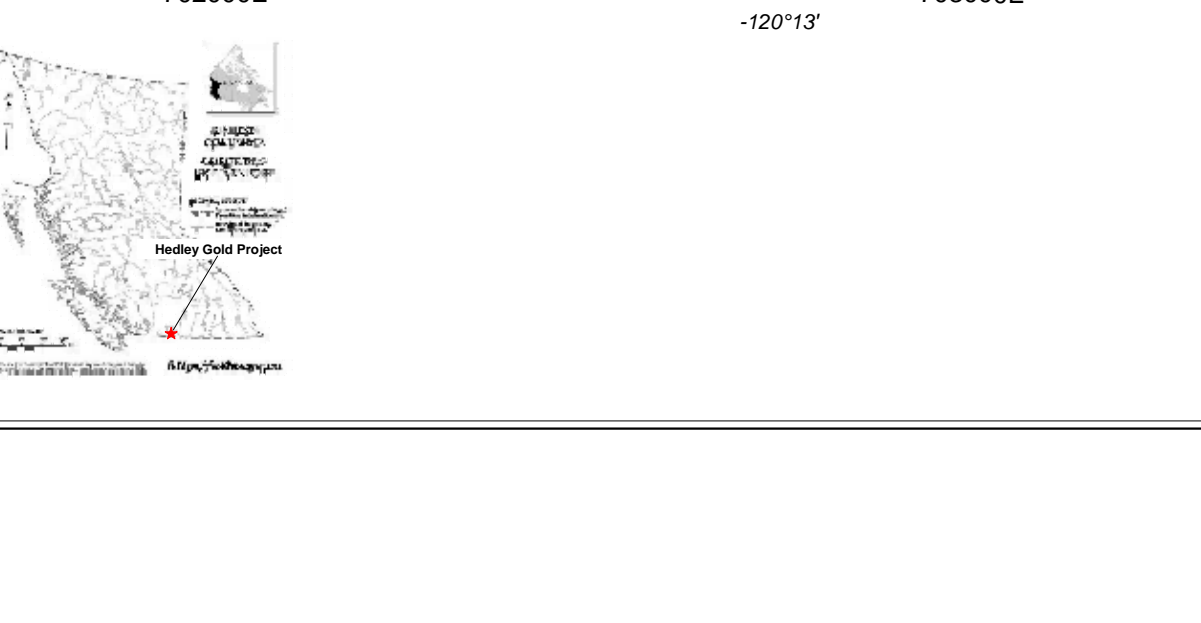


Figure 6.0
GRANT F. CROOKER
 Hedley Gold Project, Hedley, BC
 Similkameen & Okanagan Mining Divisions, BC
 92H-029, 039, 030 and 040
 Geology, Silt and Rock Sample Locations
 South Half
 GFC Consultants Inc.