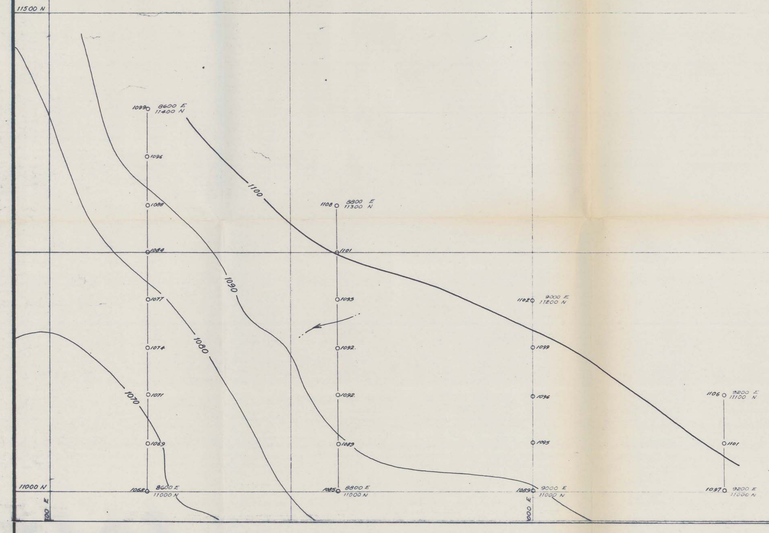
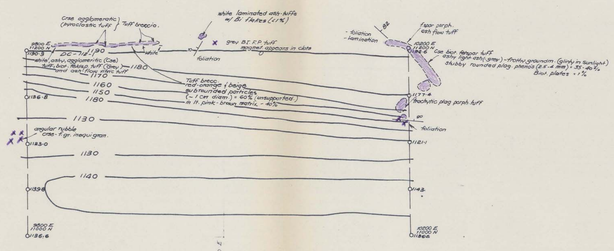




MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6065
MAP NO. #1

TO ACCOMPANY GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL AND DRILLING REPORT ON POPLAR GROUPS 1 TO 4
LOCATED 54° 127° NW
BY B. BOWEN MAY TO AUGUST '76

PLATE 1

6065

LEGEND :

TERTIARY VOLCANIC ROCKS
- Intermediate porphyritic flows

INTRUSIVE ROCKS
- Quartz Felspar porphyry Quartz Eye porphyry
- Rhyodacite
- Biotite porphyry
- Felspar porphyry, felspar biotite porphyry
- Diorite

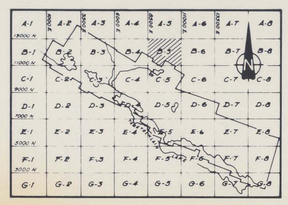
HAZELTON VOLCANIC AND SEDIMENTARY ROCKS
- Volcanic rocks - Andesitic tuff, lapilli tuff; intermediate flows, some porphyritic in felspar, others amygdaloidal, agglomerates, minor rhyolite
- Conglomerate, sandstone
- Argillite

- Shear zone, observed, inferred, doubtful showing relative movement and attitude.
- Fault, observed, inferred, doubtful, showing attitude.
- Sedimentary or Flow bedding, showing attitude.
- Jointing, showing attitude.
- Boundary of outcrop, defined, inferred, doubtful
- Geological contact, defined, inferred, doubtful
- Carbonate veinlets, showing attitude, irregular
- Quartz veinlets, showing attitude, irregular
- Sulphide veinlets, showing attitude, irregular

- Topographic contour (interval 20 meters with some 10 meter intervals for detail)
- Road
- Creek width defined, continuous/intermittent
- Creek < 3 meters wide
- Lake
- Swamp
- Slides

- Claim boundary unsurveyed, showing claim number and claim post
- Claim boundary surveyed shown as solid line
- Transit survey hubs - (Undershill & Undershill)
- Transit survey hubs - (Amex)
- Road Survey Hub
- Picket Line showing line and station designation and elevations in meters a.s.l. Transit survey hub 1976
- Diamond drill hole collar location

Abbreviations used:
QEP - quartz eye porphyry
FBP - felspar biotite porphyry
CB - carbonate
CL - chlorite
He - hematite



UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

POPLAR PROPERTY

GEOLOGY
and topography

Work by D.B.I.G.N.	Date Oct. 1975	NTS Ref	B-5
Drawn by C.D.F.E.R.	Revised		

50 0 50 100 150
SCALE IN METERS

LAKE

LAKE

TIE LINE 10800N

BASE LINE 9800N

Tie line 9800 E

Base Line 9800 N

LEGEND :

TERTIARY VOLCANIC ROCKS

- Intermediate porphyritic flows

INTRUSIVE ROCKS

- Quartz Feldspar porphyry, Quartz Eye porphyry
- Rhyodacite
- Biotite porphyry
- Feldspar porphyry, feldspar biotite porphyry
- Diorite

HAZELTON VOLCANIC AND SEDIMENTARY ROCKS

- Volcanic rocks - Andesitic tuff, lapilli tuff, intermediate flows, some porphyritic in feldspar, others amygdaloidal, agglomerates, minor rhyolite
- Conglomerate, sandstone
- Argillite

- Shear zone, observed, inferred, doubtful, showing relative movement and attitude.
- Fault, observed, inferred, doubtful, showing attitude
- Sedimentary or flow bedding, showing attitude
- Jointing, showing attitude.
- Boundary of outcrop, defined, inferred, doubtful
- Geological contact, defined, inferred, doubtful
- Carbonate veinlets, showing attitude, irregular
- Quartz veinlets, showing attitude, irregular
- Sulphide veinlets, showing attitude, irregular

- Topographic contour (interval 20 meters with some 10 meter intervals for detail.)
- Road
- Creek width defined, continuous/intermittent
- Creek < 3 meters wide
- Lake
- Swamp
- Slides

- Claim boundary unsurveyed, showing claim number and claim post
- Claim boundary surveyed shown as solid line
- Transit survey hubs - (Unacrhill & Unacrhill)
- Transit survey hubs - (Amex)
- Road Survey Hub
- Picket Line showing line and station designation and elevations in meters a.s.l. Transit survey hub 8376
- Diamond drill hole collar location

Abbreviations used:

QEP - quartz eye porphyry
FBP - feldspar biotite porphyry
CB - carbonate
CL - chlorite
He - hematite

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6065
MAP NO. #2
Nov 13/76

TO ACCOMPANY GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL AND DRILLING REPORT ON POPLAR GROUP 1, 257 LOCATED 54° 127° NW
BY B. BOWEN MAY TO AUGUST 76

PLATE 2

PROFESSIONAL ENGINEER
BRITISH COLUMBIA

6065

POPLAR PROPERTY

GEOLOGY and topography

Work by B.B. & I.G.N.	Date Oct 1975	NTS Ref C-5
Drawn by C.D.E.R.	Revised	

SCALE IN METERS

TAGETOCHLAIN LAKE

TIE LINE 9000N

BASE LINE 8800N

BB 75-77 Rubble mic fgr/ss, porph. incl. ≤2%, knobs up 2 cm, minor silicification, (vesicle, ?) barren

BB 75-78 Breccia (fault?) L. rubble mic fgr/ss as in 75-77, 5 grey lapilli

Rubble L. tuff as before

Rubble L. tuff as before

Rubble L. tuff as before

Rubble tuff/L. tuff, minor mic fgr/ss blend matrix, no augite

Rubble tuff/L. tuff, minor mic fgr/ss blend matrix, no augite

Rubble tuff/L. tuff similar to BB 75-77

Rubble tuff/L. tuff similar to BB 75-77

Rubble tuff/L. tuff similar to BB 75-77

LEGEND :

TERTIARY VOLCANIC ROCKS
- Intermediate porphyritic flows

INTRUSIVE ROCKS
- Quartz Feldspar porphyry Quartz Eye porphyry
- Rhyodacite
- Biotite porphyry
- Feldspar porphyry, feldspar biotite porphyry
- Diorite

HAZELTON VOLCANIC AND SEDIMENTARY ROCKS
- Volcanic rocks - Andesitic tuff, lapilli tuff, intermediate flows, some porphyritic in feldspar, others amygdaloidal, agglomerates, minor rhyolite
- Conglomerate, sandstone
- Argillite

- Shear zone, observed, inferred, doubtful showing relative movement and attitude.
- Fault, observed, inferred, doubtful, showing attitude
- Sedimentary or flow bedding, showing attitude
- Jointing, showing attitude.
- Boundary of outcrop, defined, inferred, doubtful
- Geological contact, defined, inferred, doubtful
- Carbonate veinlets, showing attitude, irregular
- Quartz veinlets, showing attitude, irregular
- Sulphide veinlets, showing attitude, irregular

- Topographic contour (interval 20 meters with some 10 meter intervals for detail.)
- Road
- Creek width defined, continuous/intermittent
- Creek < 3 meters wide
- Lake
- Swamp
- Slides

- Claim boundary unsurveyed, showing claim number and claim post
- Claim boundary surveyed shown as baloy line
- Transit survey hubs - (Unacrhill & Unacrhill)
- Transit survey hubs - (Amex)
- Road Survey Hub
- Picket Line showing line and station designation and elevations in meters a.s.l.
- Transit survey hub 1976
- Diamond drill hole collar location

Abbreviations used:
QEP - quartz eye porphyry
FBP - feldspar biotite porphyry
CB - carbonate
CL - chlorite
He - hematite

NOSE LAKE
Elev. approx. 912 meters

"MOOTH TOOTH" LAKE
Elev. approx. 913 meters

DON NO. 1
DON NO. 2
DON NO. 3
DON NO. 4
DON NO. 5
DON NO. 6
DON NO. 7

Base Line 81-50 N
Tie Line 72 N
Tie Line 7100 N

TO ACCOMPANY GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL AND DRILLING REPORT ON POPLAR GROUPS 1 TO 7 LOCATED 54° 127° NW BY B. BOWEN MAY TO AUGUST '76

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA A. J. SCHMIDT

Plate 4

MINERAL RESOURCES BRANCH ASSESSMENT REPORT NO. 6065 MAP NO. #4

6065

POPLAR PROPERTY

GEOLOGY and topography

Work By	B.B. I.G.N.	Date	Oct. 1975
Drawn By	C.D.F.E.R.	Revised	
NTS Ref	D-5		

50 0 50 100 150
SCALE IN METERS

LEGEND :

TERTIARY VOLCANIC ROCKS
- Intermediate porphyritic flows

INTRUSIVE ROCKS
- Quartz Feldspar porphyry, Quartz Eye porphyry
- Rhyodacite
- Biotite porphyry
- Feldspar porphyry, feldspar biotite porphyry
- Diorite

HAZELTON VOLCANIC AND SEDIMENTARY ROCKS
- Volcanic rocks - Andesitic tuff, lapilli tuff, intermediate flows, some porphyritic in felaspar, others amygdaloidal, conglomerates, minor rhyolite
- Conglomerate, sandstone
- Argillite

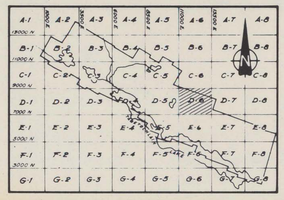
- Shear zone, observed, inferred, doubtful showing relative movement and attitude
- Fault, observed, inferred, doubtful, showing attitude
- Sedimentary or flow bedding, showing attitude
- Jointing, showing attitude
- Boundary of outcrop, defined, inferred, doubtful
- Geological contact, defined, inferred, doubtful
- Carbonate veinlets, showing attitude, irregular
- Quartz veinlets, showing attitude, irregular
- Sulphide veinlets, showing attitude, irregular

- Topographic contour (interval 20 meters with some 10 meter intervals for detail)
- Road
- Creek width defined, continuous / intermittent
- Creek < 3 meters wide
- Lake
- Swamp
- Slides

- Claim boundary unsurveyed, showing claim number and claim post
- Claim boundary surveyed shown as solid line
- Transit survey hubs - (Lindethill & Lindethill)
- Transit survey hubs - (Amex)
- Road Survey Hub
- Picket Line showing line and station designation and elevations in meters a.s.l.
- Transit survey hub 1976
- Diamond drill hole collar location

Abbreviations used:

QEP - quartz eye porphyry
FBP - felaspar biotite porphyry
CB - carbonate
CL - chlorite
He - hematite



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
A. J. SCHMIDT

TO ACCOMPANY GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL AND DRILLING REPORT ON POPLAR CLAIMS 1 TO 7
LOCATED 54° 12'N 127° NW
BY B. BOWEN MAY TO AUGUST '76

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6665
MAP NO. #5

UTAH MINES LTD.
EXPLORATION DIVISION
VANCOUVER, B.C.

POPLAR PROPERTY

GEOLOGY
and topography

Plate 5

Work By	B.B. I.G.N.	Date	Oct. 1975
Drawn By	C.D.E.R.	Revised	

NTS Ref D-6

SCALE IN METERS 50 0 50 100 150

POPLAR PROPERTY

GEOLOGY and topography

DON NO. 1 · DON NO. 26 · DON NO. 27 · DON NO. 28 · DON NO. 30 · DON NO. 31 · DON NO. 32 · DON NO. 22 · POPLAR NO. 33 · POPLAR NO. 19 · POPLAR NO. 35 · POPLAR NO. 37 · POPLAR NO. 1 · POPLAR NO. 2

TAGETOCHLAIN LAKE · TAGETOCHLAIN CREEK · Base Line 6120 N

Work By BB T.G.N. | Date Oct 1975 | NTS Ref E-5
Drawn By C.D.E.R. | Revised

SCALE IN METERS 50 0 50 100 150

Plate 6

6065

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6065
MAP NO. #6

TO ACCOMPANY GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL AND DRILLING REPORT ON POPLAR GROUPS I & II
LOCATED 54° 127° NW
BY B. BOWEN MAY TO AUGUST '76

PROFESSIONAL ENGINEER · PROVINCE OF BRITISH COLUMBIA · A. J. SCHMIDT · Seal · Nov 23/76

LEGEND :

TERTIARY VOLCANIC ROCKS
- Intermediate porphyritic flows

INTRUSIVE ROCKS
- Quartz Feldspar porphyry Quartz Eye porphyry
- Rhyodacite
- Biotite porphyry
- Feldspar porphyry, feldspar biotite porphyry
- Diorite

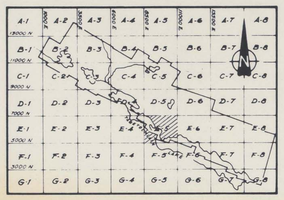
HAZELTON VOLCANIC AND SEDIMENTARY ROCKS
- Volcanic rocks - Andesitic tuff, lapilli tuff; intermediate flows, some porphyritic in feldspar, others amygdaloidal, agglomeratoes, minor rhyolite
- Conglomerate, sandstone
- Argillite

- Shear zone, observed, inferred, doubtful showing relative movement and attitude
- Fault, observed, inferred, doubtful, showing attitude
- Sedimentary or flow bedding, showing attitude
- Jointing, showing attitude
- Boundary of outcrop, defined, inferred, doubtful
- Geological contact, defined, inferred, doubtful
- Carbonate veinlets, showing attitude, irregular
- Quartz veinlets, showing attitude, irregular
- Sulphide veinlets, showing attitude, irregular

- Topographic contour (interval 20 meters with some 10 meter intervals for detail.)
- Road
- Creek width defined, continuous / intermittent
- Creek < 3 meters wide
- Lake
- Swamp
- Slides

- Claim boundary unsurveyed, showing claim number and claim post
- Claim boundary surveyed shown as solid line
- Transit survey hubs - (Underhill ı Underhill)
- Transit survey hubs - (Amex)
- Road Survey Hub
- Picket Line showing line and station designation and elevations in meters a.s.l. Transit survey hub 1976
- Diamond drill hole collar location

Abbreviations used:
GEP - quartz eye porphyry
FBP - feldspar biotite porphyry
CB - carbonate
CL - chlorite
He - hematite



LEGEND :

TERTIARY VOLCANIC ROCKS
- Intermediate porphyritic flows

INTRUSIVE ROCKS
- Quartz Feldspar porphyry
- Quartz Eye porphyry
- Rhyodacite
- Biotite porphyry
- Feldspar porphyry, feldspar biotite porphyry
- Diorite

HAZELTON VOLCANIC AND SEDIMENTARY ROCKS
- Volcanic rocks - Andesitic tuff, lapilli tuff, intermediate flows, some porphyritic in feldspar, others amygdaloidal, agglomerates, minor rhyolite
- Conglomerate, sandstone
- Argillite

- Shear zone, observed, inferred, doubtful showing relative movement and attitude
- Fault, observed, inferred, doubtful, showing attitude
- Sedimentary or Flow bedding, showing attitude
- Jointing, showing attitude.
- Boundary of outcrop, defined, inferred, doubtful
- Geological contact, defined, inferred, doubtful
- Carbonate veinlets, showing attitude, irregular
- Quartz veinlets, showing attitude, irregular
- Sulphide veinlets, showing attitude, irregular

- Topographic contour (interval 20 meters with some 10 meter intervals for detail)
- Road
- Creek with defined, continuous / intermittent
- Creek < 3 meters wide
- Lake
- Swamp
- Slides

- Claim boundary unsurveyed, showing claim number and claim post
- Claim boundary surveyed shown as solid line
- Transit survey hubs - (Undershill / Undershill)
- Transit survey hubs - (Amex)
- Road Survey Hub
- Picket Line showing line and station designation and elevations in meters a.s.l.
- Transit survey hub 1976
- Diamond drill hole collar location

Abbreviations used:

QEP - quartz eye porphyry
FBP - feldspar biotite porphyry
CB - carbonate
CL - chlorite
He - hematite

TO ACCOMPANY GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL AND DRILLING REPORT ON POPLAR GROUP
LOCATED 54° 127.5' NW
BY B. BOWEN MAY TO AUGUST 1976

Plate 7

UTAH MINES LTD.
EXPLORATION DEPARTMENT

POPLAR PROPERTY

GEOLOGY and topography

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6065
MAP NO. #7

6065

Work By	B.B. / G.M.	Date	Oct 1975
Drawn By	C.D.I.E.R.	Revised	
NTS Ref	E-7		

SCALE IN METERS
50 0 50 100 150

LEGEND :

TERTIARY VOLCANIC ROCKS
- Intermediate porphyritic flows

INTRUSIVE ROCKS
- Quartz Feldspar porphyry
- Quartz Eye porphyry
- Rhyodacite
- Biotite porphyry
- Feldspar porphyry, feldspar hornblende porphyry
- Diorite

HAZELTON VOLCANIC AND SEDIMENTARY ROCKS
- Volcanic rocks - Andesitic tuff, lapilli tuff, intermediate flows, some porphyritic in feldspar, others amygdaloidal, agglomerates, minor rhyolite
- Conglomerate, sandstone
- Argillite

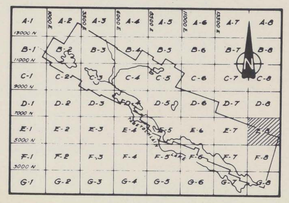
- Shear zone, observed, inferred, doubtful showing relative movement and attitude.
- Fault, observed, inferred, doubtful, showing attitude
- Sedimentary or Flow bedding, showing attitude
- Jointing, showing attitude.
- Boundary of outcrop, defined, inferred, doubtful
- Geological contact, defined, inferred, doubtful
- Carbonate veinlets, showing attitude, irregular
- Quartz veinlets, showing attitude, irregular
- Sulphide veinlets, showing attitude, irregular

- Topographic contour (interval 20 meters with some 10 meter intervals for detail)
- Road
- Creek width defined, continuous/intermittent
- Creek < 3 meters wide
- Lake
- Swamp
- Slides

- Claim boundary unsurveyed, showing claim number and claim post
- Claim boundary surveyed shown as solid line
- Transit survey hubs - (Unterhill & Unterhill)
- Transit survey hubs - (Amex)
- Road Survey Hub
- Picket Line showing line and station designation and elevations in meters a.s.l.
- Transit survey hub 1976
- Diamond drill hole collar location

Abbreviations used:

QEP - quartz eye porphyry
FBP - feldspar biotite porphyry
CB - carbonate
CL - chlorite
He - hematite



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6065
MAP NO. #8

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
A. J. SCHMIDT

TO ACCOMPANY GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL AND DRILLING REPORT ON POPLAR GROUPS 1 TO 7
LOCATED 54° 12'5 NW
BY B.BOWEN MAY TO AUGUST '76

Plate 8

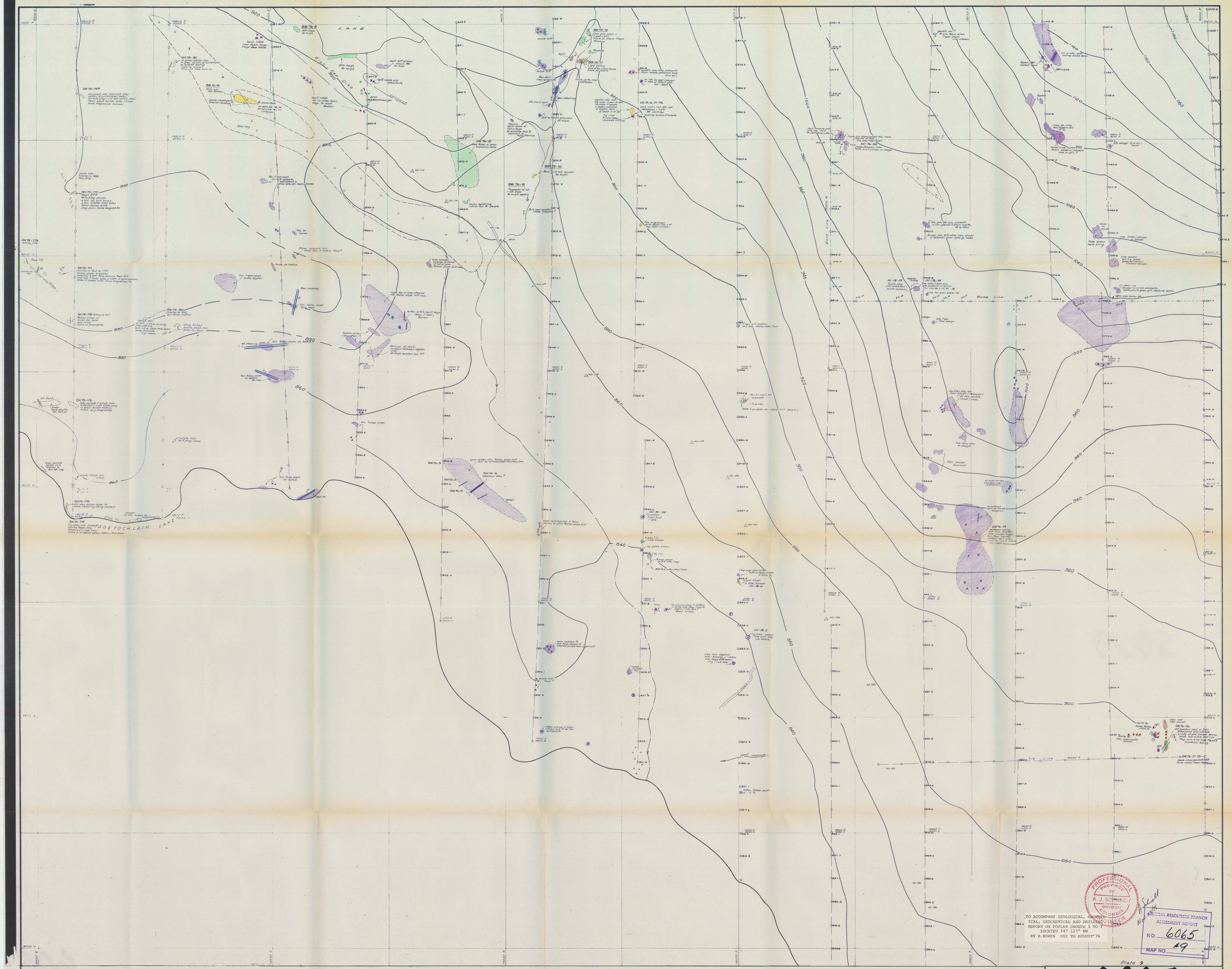
6065

POPLAR PROPERTY

GEOLOGY
and topography

Work by B.B. / G.W.	Date Oct 1975	NTS Ref	E-8
Drawn by C.D. / E.R.	Revised		

50 0 50 100 150
SCALE IN METERS


LAKE
BASE LINE 900 E
Base Line
Tie Line 3400 N
GM 76-9
BB 76-9
BB 76-10
BB 76-11
BB 76-12
BB 76-15
GM 76-19
GN 75-169
GN 75-170
GN 75-171
GN 75-175
GN 75-176
GN 75-179
GN 75-181
DC-76-34
DC-76-35
DC-76-36
DC-76-37
DC-76-38
DC-76-39
DC-76-40
DC-76-41
DC-76-42
DC-76-43
DC-76-44
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DC-76-60
DC-76-61
DC-76-62
DC-76-63
DC-76-64
DC-76-65
DC-76-66
DC-76-67
DC-76-68
DC-76-69
DC-76-70
DC-76-71
DC-76-72
DC-76-73

POPLAR PROPERTY

GEOLOGY and topography

Work By B.B.I.G.N.	Date Oct 1975	NTS Ref	F-8
Drawn By C.D.F.E.R.	Revised		

SCALE IN METERS 50 0 50 100 150

6065

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6065
MAP NO. #10

TO ACCOMPANY GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL AND DRILLING REPORT ON POPLAR GROUPS 1 TO 4
LOCATED 54° 127° NW
BY B. BOWEN MAY TO AUGUST 1976

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA A. J. SCHMIDT

PLATE 10

LEGEND:

TERTIARY VOLCANIC ROCKS
- Intermediate porphyritic flows

INTRUSIVE ROCKS
- Quartz Feldespar porphyry
- Quartz Eye porphyry
- Rhyodacite
- Biotite porphyry
- Felspar porphyry, felspar biotite porphyry
- Diorite

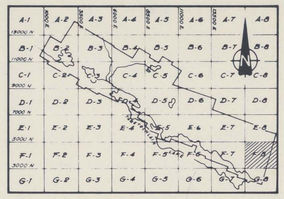
HAZELTON VOLCANIC AND SEDIMENTARY ROCKS
- Volcanic rocks - Andesitic tuff, lapilli tuff, intermediate flows, some porphyritic in felaspar, others amygdaloidal, agglomerates, minor rhyolite
- Conglomerate, sandstone
- Argillite

- Shear zone, observed, inferred, doubtful
- Fault, observed, inferred, doubtful, showing attitude
- Sedimentary or flow bedding, showing attitude
- Jointing, showing attitude.
- Boundary of outcrop, defined, inferred, doubtful
- Geological contact, defined, inferred, doubtful
- Carbonate veinlets, showing attitude, irregular
- Quartz veinlets, showing attitude, irregular
- Sulphide veinlets, showing attitude, irregular

- Topographic contour (interval to meters with some 10 meter intervals for detail)
- Road
- Creek width defined, continuous/intermittent
- Creek < 3 meters wide
- Lake
- Swamp
- Slides

- Claim boundary unsurveyed, showing claim number and claim post
- Claim boundary surveyed shown as solid line
- Transit survey hubs - (Underhill / Underhill)
- Transit survey hubs - (Amex)
- Road Survey Hub
- Picket Line showing line and station designation and elevations in meters a.s.l.
- Transit survey hub 1976
- Diamond drill hole collar location

Abbreviations used:
- QEP - quartz eye porphyry
- FBP - felspar biotite porphyry
- CB - carbonate
- CL - chlorite
- He - hematite



LEGEND :

TERTIARY VOLCANIC ROCKS

- Intermediate porphyritic flows

INTRUSIVE ROCKS

- Quartz Feldespar porphyry, Quartz Rue porphyry
- Rhyodacite
- Biotite porphyry
- Feldespar porphyry, feldespar biotite porphyry
- Diorite

HAZELTON VOLCANIC AND SEDIMENTARY ROCKS

- Volcanic rocks - Andesitic tuff, lapilli tuff, intermediate flows, some porphyritic in feldespar, others amygdaloidal, agglomerates, minor rhyolite
- Conglomerate, sandstone
- Argillite

- Shear zone, observed, inferred, doubtful showing relative movement and attitude.
- Fault, observed, inferred, doubtful, showing attitude
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- Jointing, showing attitude.
- Boundary of outcrop, defined, inferred, doubtful
- Geological contact, defined, inferred, doubtful
- Carbonate veinlets, showing attitude, irregular
- Quartz veinlets, showing attitude, irregular
- Sulphide veinlets, showing attitude, irregular

- Topographic contour (interval 20 meters with some 10 meter intervals for detail)
- Road
- Creek width defined, continuous / intermittent
- Creek < 3 meters wide
- Lake
- Swamp
- Slides

- Claim boundary unsurveyed, showing claim number and claim post
- Claim boundary surveyed shown as solid line
- Transit survey hubs - (Underhill & Underhill)
- Transit survey hubs - (Amex)
- Road Survey Hub
- Picket Line showing line and station designation and deviations in meters o.s.l.
- Transit survey hub 1976
- Diamond drill hole collar location

Abbreviations used:

QEP - quartz eye porphyry
FBP - felespar biotite porphyry
CB - carbonate
CL - chlorite
He - hematite

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6065
MAP NO. #11

TO ACCOMPANY GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL AND DRILLING REPORT ON POPLAR GROUPS 3 AND 7 CF
LOCATED 54° 127° NW
BY B.BOWEN MAY TO AUGUST '76

PROFESSIONAL ENGINEER
BRITISH COLUMBIA

PLATE 11

6065

POPLAR PROPERTY

GEOLOGY

and topography

Work by B.B. & G.N.	Date Oct 1975	N.T.S. Ref	G-7
Drawn by C.D.E.R.	Revised		

SCALE IN METERS

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6065
MAP NO. #12

TO ACCOMPANY GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL AND DRILLING REPORT ON POPLAR GROUPS 1 TO 7
LOCATED 54° 127° NW
BY B.BOWEN MAY TO AUGUST '76

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
A. J. SCHLOSSER

Plate 12

LEGEND :

TERTIARY VOLCANIC ROCKS
- Intermediate porphyritic flows

INTRUSIVE ROCKS
- Quartz Feldespar porphyry, Quartz Eye porphyry
- Rhyodacite
- Biotite porphyry
- Feldespar porphyry, feldespar biotite porphyry
- Diorite

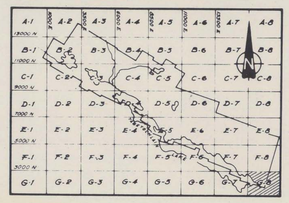
HAZELTON VOLCANIC AND SEDIMENTARY ROCKS
- Volcanic rocks - Andesitic tuff, lapilli tuff, intermediate flows, some porphyritic in feldspar, others amygdaloidal, agglomerates, minor rhyolite
- Conglomerate, sandstone
- Argillite

- Shear zone, observed, inferred, doubtful showing relative movement and attitude.
- Fault, observed, inferred, doubtful, showing attitude
- Sedimentary or flow bedding, showing attitude
- Jointing, showing attitude.
- Boundary of outcrop, defined, inferred, doubtful
- Geological contact, defined, inferred, doubtful
- Carbonate veinlets, showing attitude, irregular
- Quartz veinlets, showing attitude, irregular
- Sulphide veinlets, showing attitude, irregular

- Topographic contour (interval 20 meters with some 10 meter intervals for detail)
- Road
- Creek width defined, continuous/intermittent
- Creek < 3 meters wide
- Lake
- Swamp
- Slides

- Claim boundary unsurveyed, showing claim number and claim post
- Claim boundary surveyed shown as solid line
- Transit survey hubs - (Underhill & Underhill)
- Transit survey hubs - (Amex)
- Road Survey Hub
- Picket Line showing line and station designation and elevations in meters a.s.l.
- Transit survey hub 1976
- Diamond drill hole collar location

Abbreviations used:
GEP - quartz eye porphyry
FBP - feldspar biotite porphyry
CB - carbonate
CL - chlorite
He - hematite





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Work by B.B.T.G.N.	Date Oct 1975	N.T.S. Ref	G-8
Drawn by C.D.F.E.R.	Revised:		

50 0 50 100 150
SCALE IN METERS

LEGEND

INSTRUMENTATION:

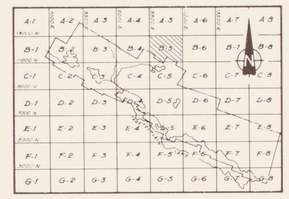
McPHAR GP-70 PROTON
PRECESSION MAGNETOMETER NO. 73-12

1310 1249 1120

Picket line showing magnetics survey sample site; total field values in gammas (less a constant of 56,500 gammas)

SYMBOLS

- Road
- Creek, width defined continuous / intermittent
- Creek < 3 meters wide
- Lake
- Swamp
- Slides
- Claim Boundary surveyed shown as solid line
- Claim Boundary unsurveyed showing Claim Number & Claim Post
- Transit Survey Hubs – Underhill & Underhill
- Transit Survey Hubs – Amex
- Picket Line – showing line and station designation



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6065
MAP NO. #13

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A. J. SCHMIDT

6065

Plate 13

UTAH MINES LTD.
EXPLORATION DEPARTMENT
VANCOUVER BRITISH COLUMBIA

POPLAR PROPERTY

GROUND MAGNETIC SURVEY
TOTAL FIELD INTENSITY IN GAMMAS

Work by: B.B. J.S.Y.	Date: Oct 1975	NTS Ref.
Drawn by:	Revised:	B-5

50 0 50 100 150
SCALE IN METERS