

Report on
Geology, Geochemistry, Geophysics,
Prospecting, Drilling
on the

Mount Barker Project

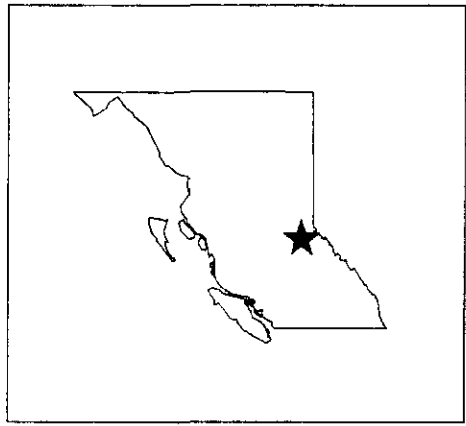
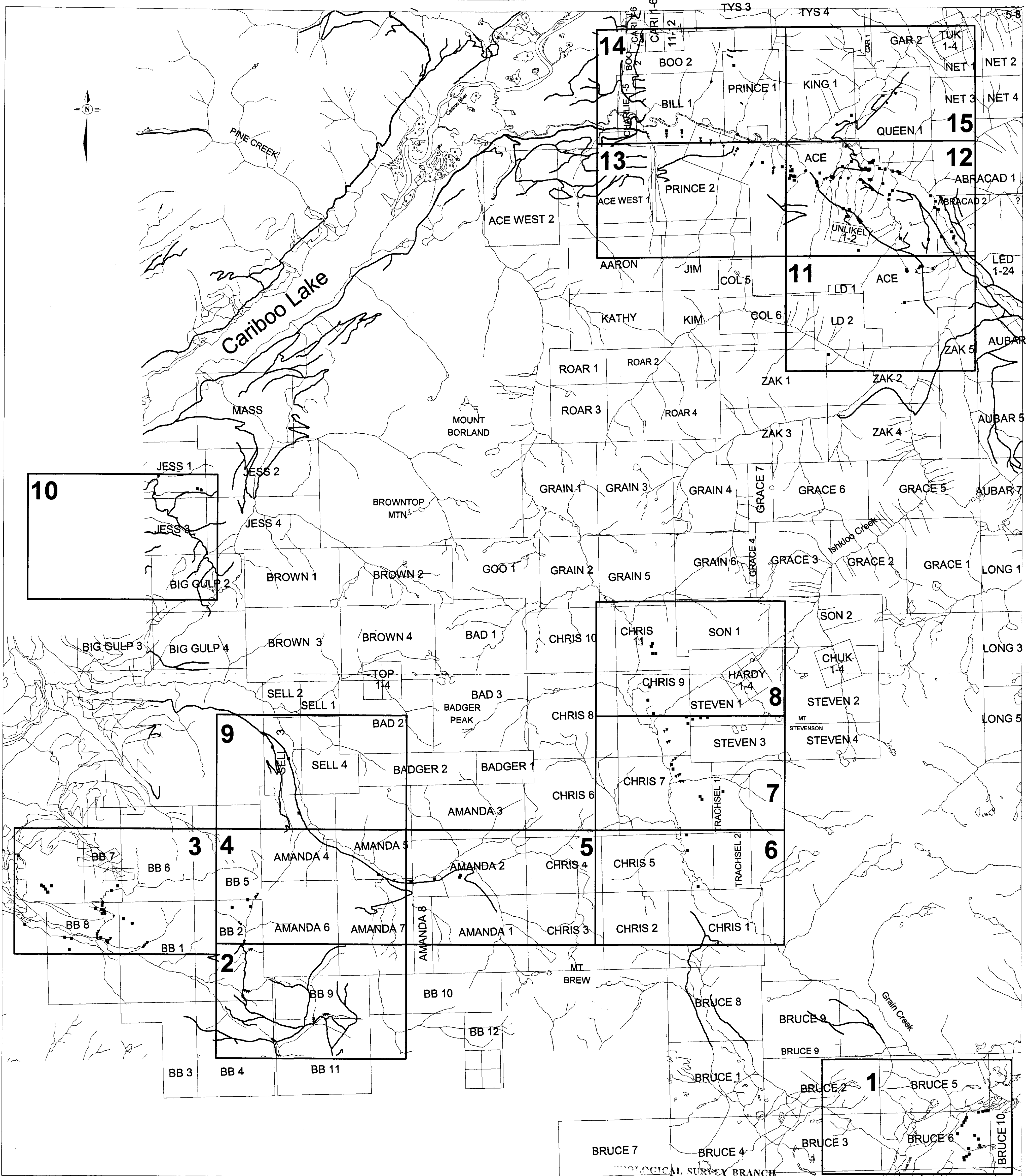
Ace and Peripheral Properties

93A/14E, Cariboo Mining Division, Little River Area, BC

Work done on Abracad 1, 2, Ace 4, 10, 11, 13, 15, 16, 18, 19, 21, 37, 38, 39, 41, 42, 43, 57, 59, 60 - 65, 67 - 74, 76, 77, 82 - 85, 92, Ace West 1, 2, Amanda 2, 4, 5, 6, Aubar 4, BB 1, 2, 6, 7, 8, 9, 11, Bill 1, Boo 1, 2, Bruce 2, 3, 5, 6, 8, 9, 10, Charlie 1, Chris 1, 5, 7, 9, 10, 11, E 1, 2, 3, 4, 6, Grain 5, Jess 1, 2, Jim, King 1, Led 14, 20, 22, 24, Prince 1, 2, Queen 1, Rivy 1, Sell 3, Zak 2, 4, 5

Owned and operated by:
Barker Minerals Ltd.
Langley, British Columbia

By:
John G. Payne, Ph.D.,
Consultant Geologist
May 1999



LOCATION MAP

0 200 400 800



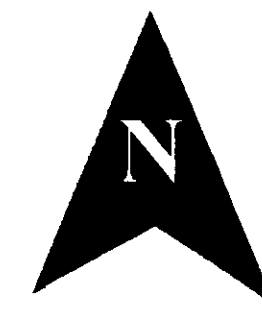
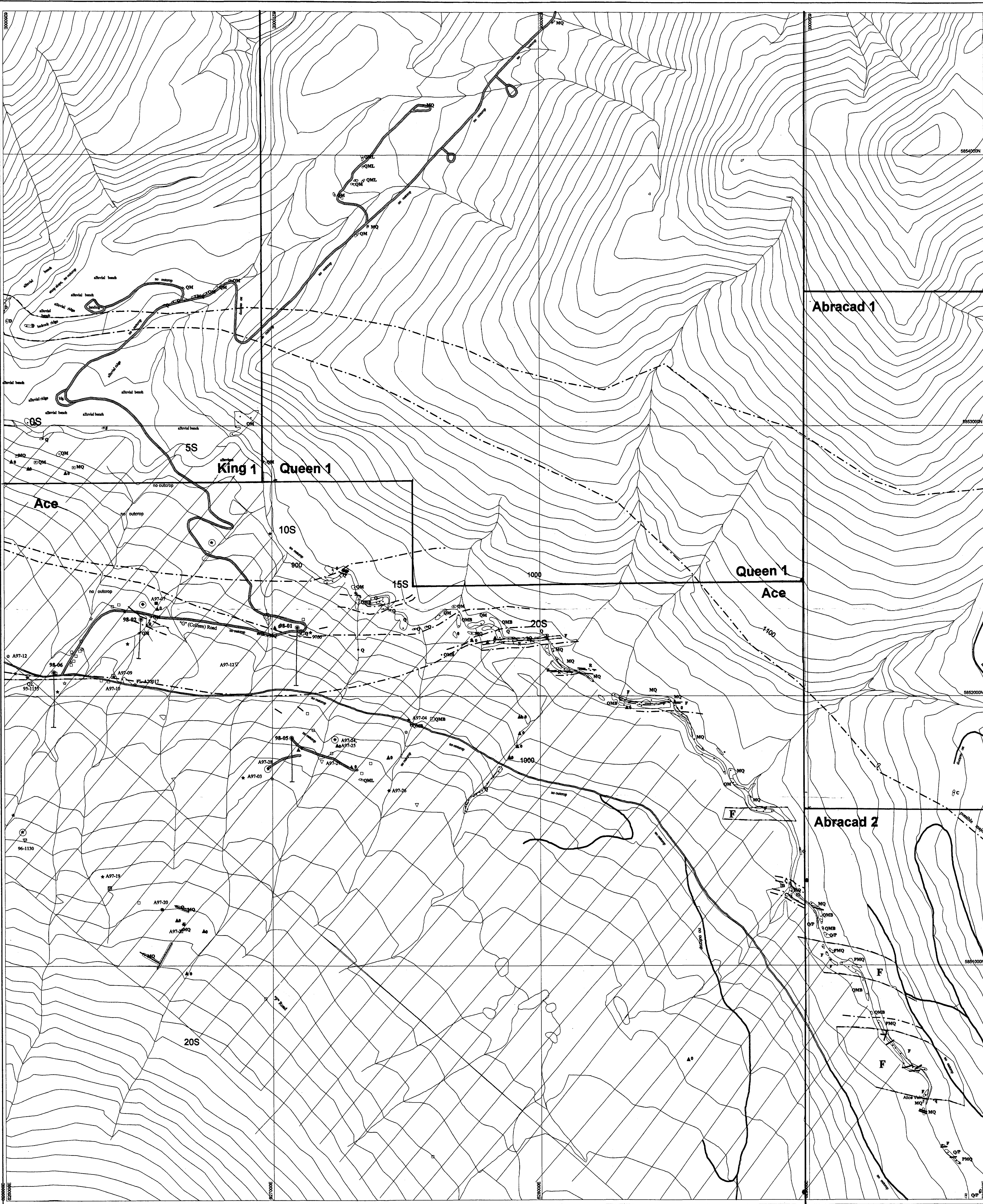
25,904
1200m.

BARKER MINERALS LTD.

Ace Property

Location Map Showing
Claims and Areas Worked

Fig. No.: Sheet No.: Scale: 1:50,000
N.T.S.: 93A/11,14 Date: May 8, 1999



- Legend**
- Quaternary Deposits**
- J alluvium
- Paleozoic(?) (metamorphic rocks)**
- felsic volcanic rocks, related rocks of volcano-sedimentary origin
- F felsite, plagioclase-rich
 - PMB plagioclase-muscovite-biotite schist
 - PMQ plagioclase-muscovite-quartz schist
 - PMQB plagioclase-muscovite-quartz-biotite schist
- felsic-intermediate rocks of uncertain origin, possibly replaced and recrystallized felsite
- ID diorite
 - IDq quartz diorite
- mafic volcanic rocks, sills
- A, AB amphibolite, biotite amphibolite
- sedimentary rocks**
- C limestone, marble
 - D dolomite, dolomitic marble
 - Q quartzite, quartz-(muscovite) schist
 - QM quartz-muscovite schist
 - QMB quartz-muscovite-biotite schist
 - QML quartz-muscovite-chlorite schist
 - Q/P quartz/plagioclase foliate
 - QPM quartz/plagioclase-muscovite schist
 - QPB quartz/plagioclase-biotite schist
 - Q/L quartz-chlorite schist
 - M muscovite-rich schist
 - MQ muscovite-quartz schist
 - R argillite
 - Rq siliceous argillite
 - Z fault

- Station SYMBOLS**
- Station
 - ☆ Boulder, quartz with minor to no sulphide
 - Boulder
 - ★ Boulder, quartz with 3-30Point sulphide
 - ▽ Boulder, rock with quartz veining, no sulphides
 - ◇ Boulder
 - ◆ Boulder
 - Boulder
 - Outcrop
 - Drill hole
 - Drill hole trace
 - Quartz vein
 - Contacts
 - Fault
 - Pit
 - Trench
 - Major road
 - Minor road

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,904

metres 0 100 200 300 400 500 metres
Scale 1:5000

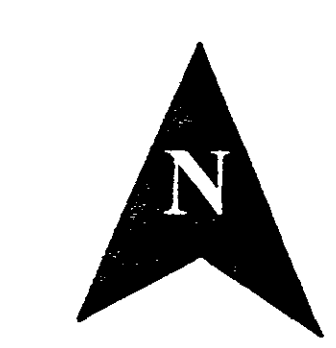
FIG. NO.

BARKER MINERALS LTD.

Ace Property (East Half)

Geology

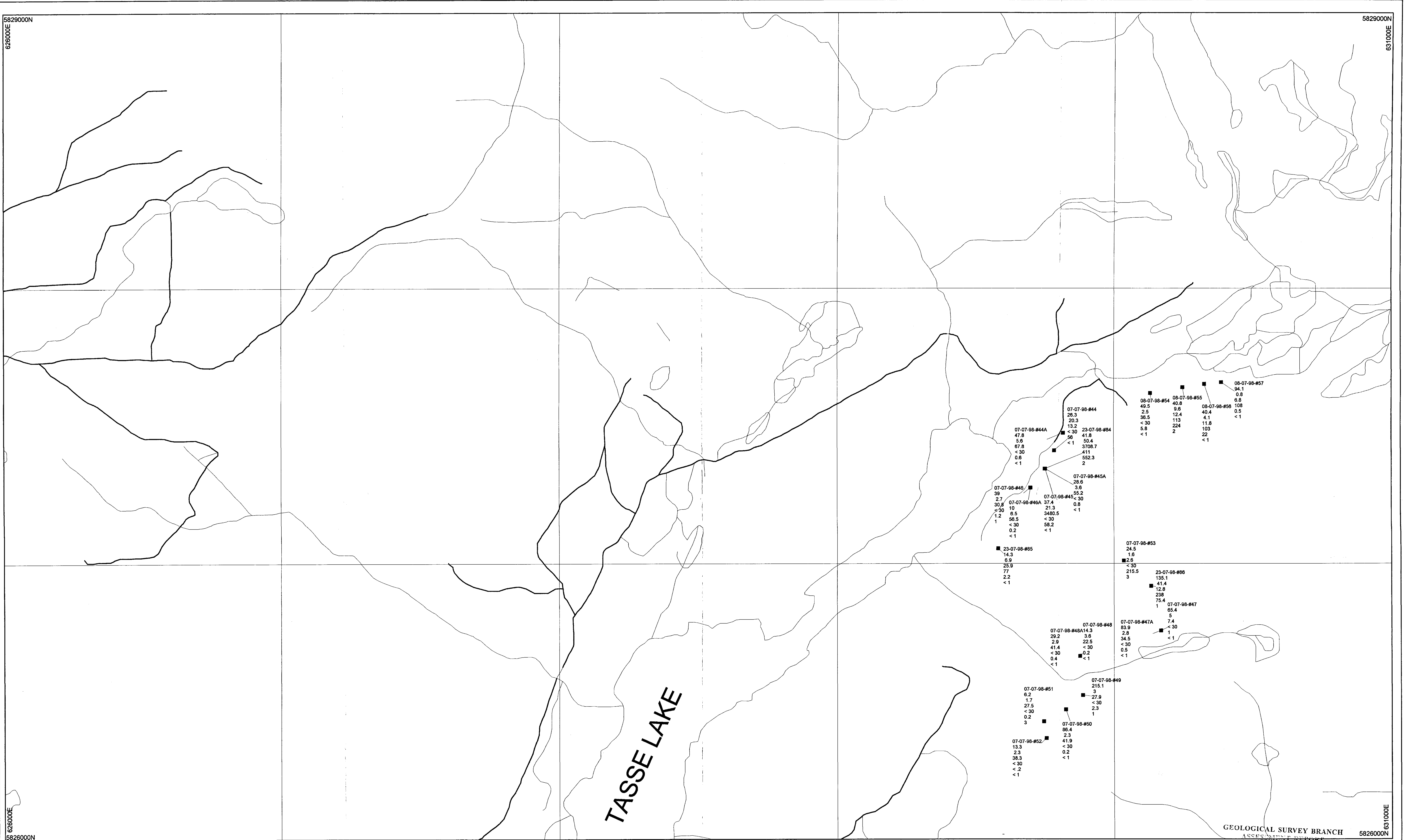
N.T.S. 93A/14 SCALE: 1:5000
Geology by John Payne, 1998 Feb. 3, 1999



- Legend**
- Quaternary Deposits**
- J alluvium
- Paleozoic(?) (metamorphic rocks)**
- F felsite, plagioclase-rich
 - PMB plagioclase-muscovite-biotite schist
 - PMQ plagioclase-muscovite-quartz schist
 - PMQB plagioclase-muscovite-quartz-biotite schist
 - PMQB' felsite-intermediate rocks of uncertain origin, possibly replaced and recrystallized felsite
- Igneous rocks**
- ID diorite
 - IDq quartz diorite
 - MA mafic volcanic rocks, sills
 - A, AB amphibolite, biotite amphibolite
- Sedimentary rocks**
- C limestone, marble
 - D dolomite, dolomitic marble
 - Q quartzite, quartz-(muscovite) schist
 - QM quartz-muscovite schist
 - QMB quartz-muscovite-biotite schist
 - QML quartz-muscovite-chlorite schist
 - QP quartz/plagioclase foliate
 - QPM quartz/plagioclase-muscovite schist
 - QPB quartz/plagioclase-biotite schist
 - QL quartz-chlorite schist
 - M muscovite-rich schist
 - MQ muscovite-quartz schist
 - R argillite
 - Rq siliceous argillite
 - Z fault
- Station SYMBOLS**
- Station
 - Boulder, quartz with minor to no sulphide
 - Boulder
 - * Boulder, quartz with 3-30Point sulphide
 - ▽ Boulder, rock with quartz veining, no sulphides
 - ◇ Boulder
 - ◆ Boulder
 - Outcrop
 - Drill hole
 - Drill hole trace
 - Quartz vein
 - Contacts
 - Fault
 - Pit
 - Trench
 - Major road
 - Minor road

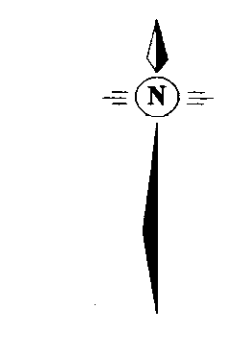
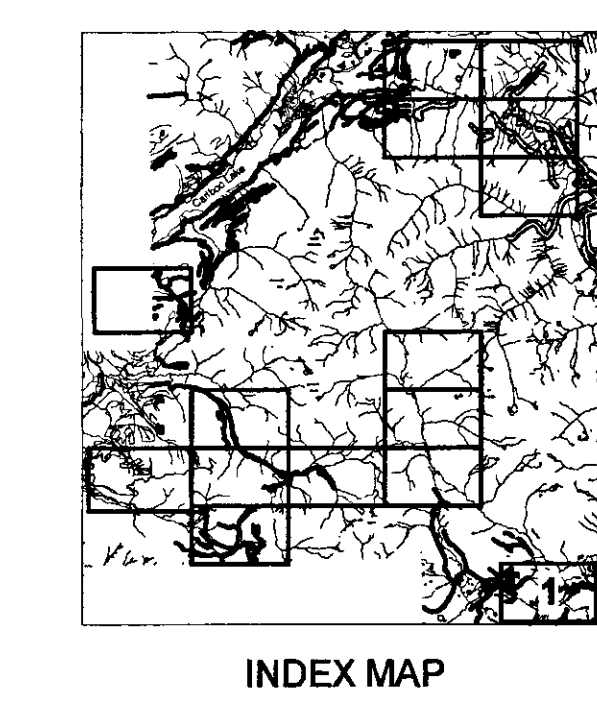
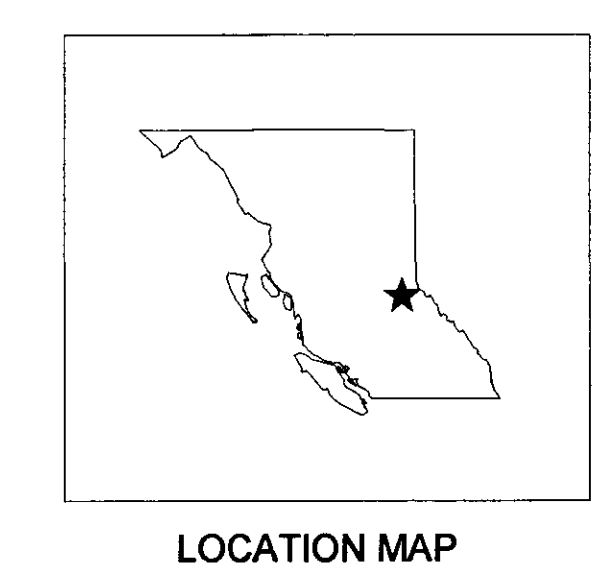
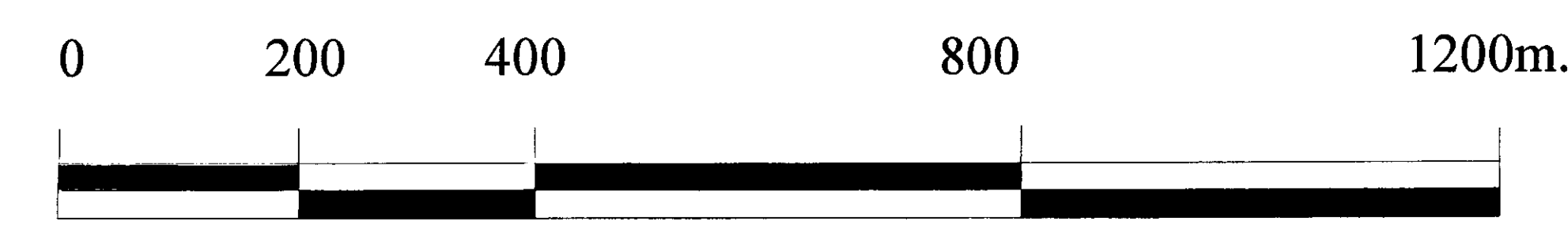
GEOLOGICAL SURVEY BRANCH
REPORT
25,904
metres 0 100 200 300 400 500 metres
Scale 1:5000

FIG.NO.
BARKER MINERALS LTD.
Ace Property (West Half)
Geology
N.T.S. 93A/14 SCALE: 1:5000
Geology by John Payne, 1998 Feb. 3, 1999



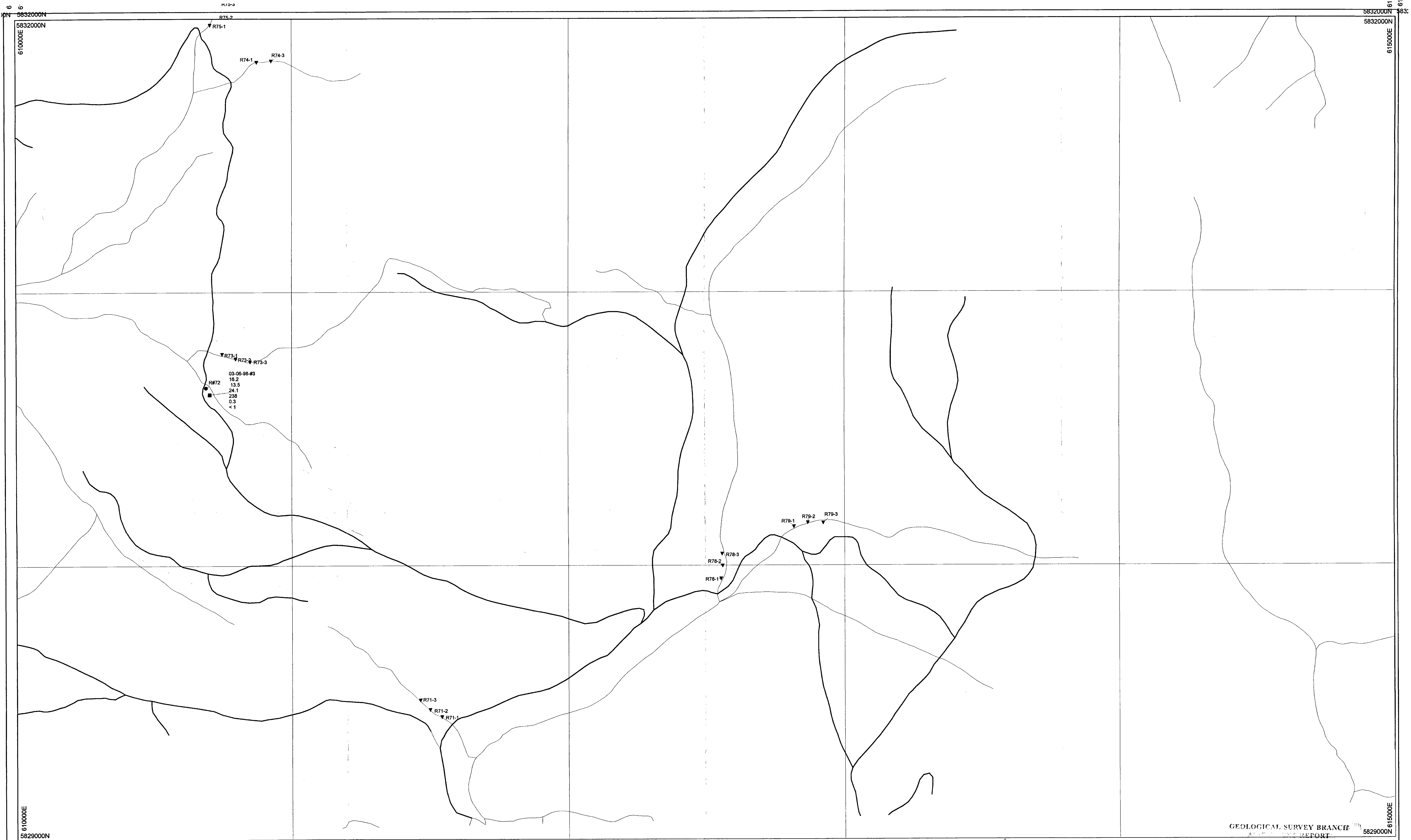
LEGEND

- 1998 rock samples showing :
Sample number
Cu ppm
Pb ppm
Zn ppm
Ag ppb
Bi ppm
Au ppb
- or :
Sample number
Au ppb
- 1997 stream sediment samples
Re-assayed 1998 coarse mesh for coarse gold
(Assays not shown).
 - ▲ 1998 soil samples(Assays not shown)
 - ★ 1998 silt samples(Assays not shown)
 - ▼ 1998 stream sediment samples
follow-up to 1997(No assays)



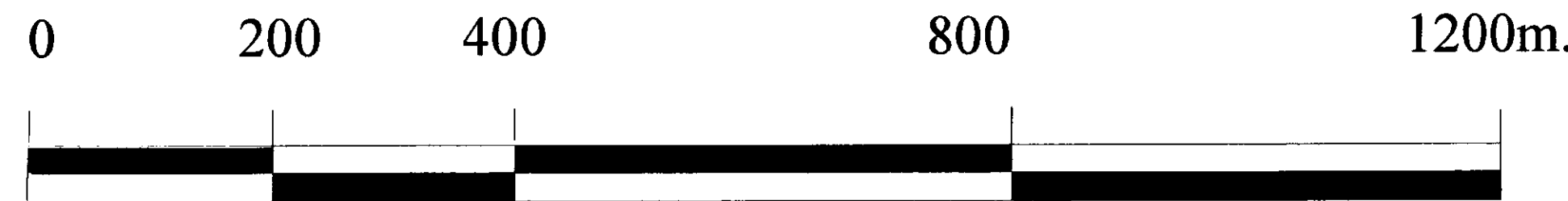
25,904
BARKER MINERALS LTD.
Ace Property
1998 Geochemical
Sample Location Map

Fig. No.:	Sheet No.:	1	Scale :	1:5000
N.T.S.: 93A/055		Date:		May 8, 1999

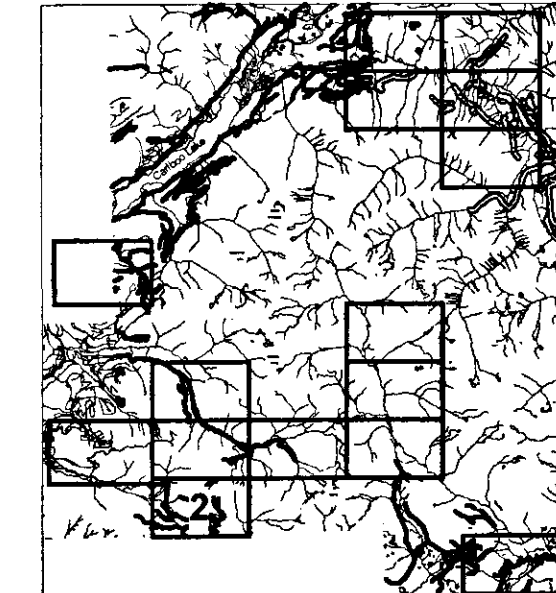


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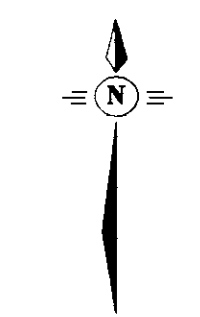
- 1998 rock samples showing :
Sample number
Cu ppm
Pb ppm
Zn ppm
Ag ppb
Bi ppm
Au ppb
- or :
Sample number
Au ppb
- 1997 stream sediment samples
Re-assayed 1998 coarse mesh for coarse gold
(Assays not shown).
 - ▲ 1998 soil samples(Assays not shown)
 - ★ 1998 silt samples(Assays not shown)
 - ▼ 1998 stream sediment samples
follow-up to 1997(No assays)



LOCATION MAP



INDEX MAP



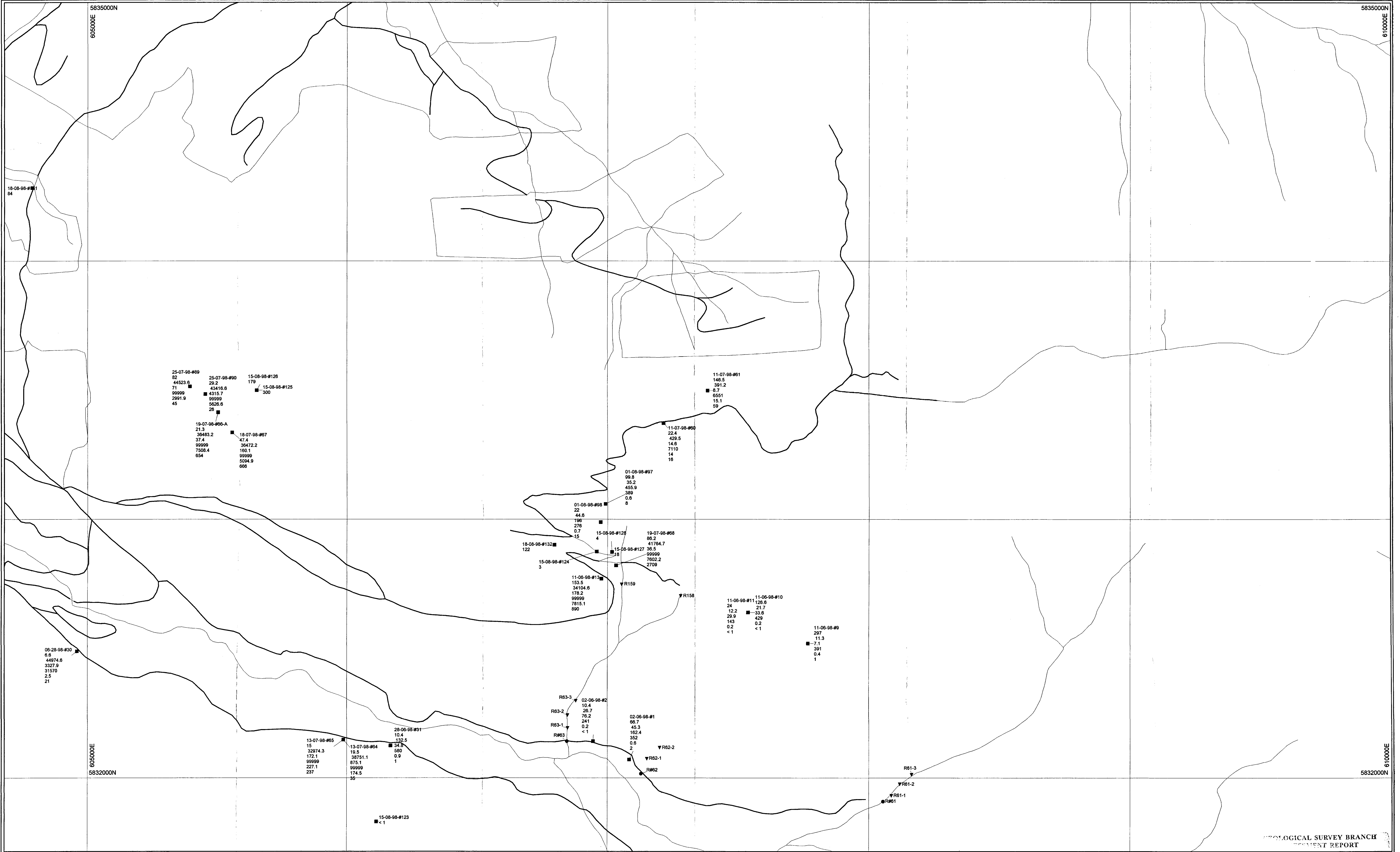
25,904

BARKER MINERALS LTD.

Ace Property

1998 Geochemical
Sample Location Map

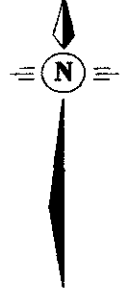
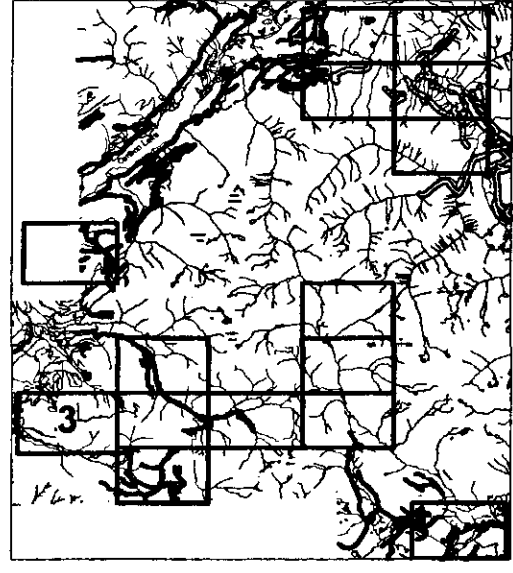
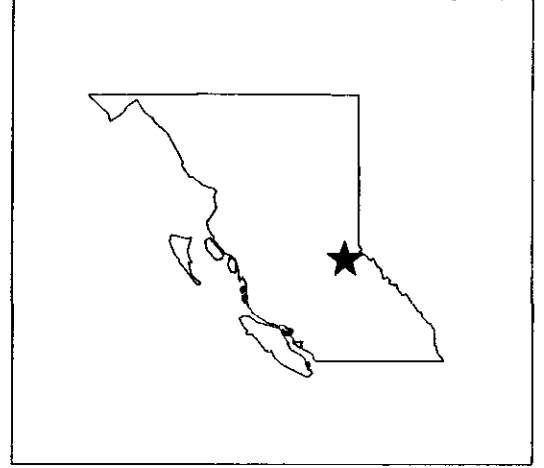
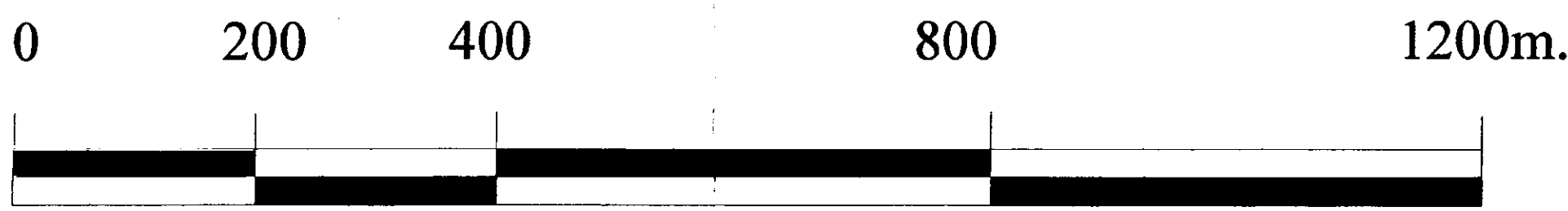
Fig. No.:	Sheet No.: 2	Scale : 1:5000
N.T.S.: 93A/064		Date: May 8, 1999



LEGEND

1998 rock samples showing :
Sample number
Cu ppm
Pb ppm
Zn ppm
Ag ppb
Bi ppm
Au ppb

- 1997 stream sediment samples
Re-assayed 1998 coarse mesh for coarse gold
(Assays not shown).
- ▲ 1998 soil samples(Assays not shown)
- ★ 1998 silt samples(Assays not shown)
- ▼ 1998 stream sediment samples
follow-up to 1997(No assays)



GEOLOGICAL SURVEY BRANCH
DOCUMENT REPORT

25,904

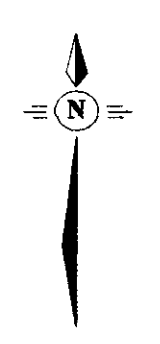
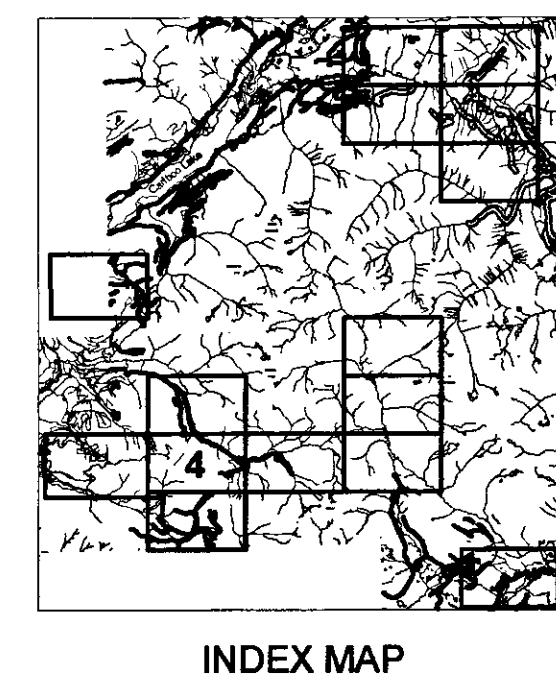
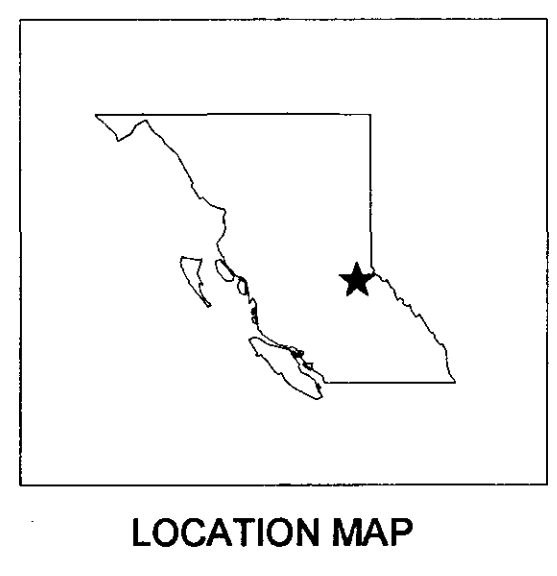
BARKER MINERALS LTD.

Ace Property

1998 Geochemical
Sample Location Map



- LEGEND**
- 1998 rock samples showing :
Sample number
Cu ppm
Pb ppm
Zn ppm
Ag ppb
Bi ppm
Au ppb
- or :
Sample number
Au ppb
- 1997 stream sediment samples
Re-assayed 1998 coarse mesh for coarse gold
(Assays not shown).
 - ▲ 1998 soil samples(Assays not shown)
 - ★ 1998 silt samples(Assays not shown)
 - ▼ 1998 stream sediment samples
follow-up to 1997(No assays)



25,904

BARKER MINERALS LTD.

Ace Property

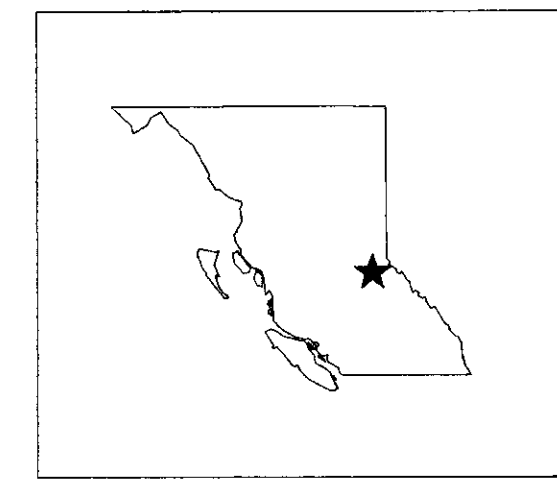
1998 Geochemical
Sample Location Map

Fig. No.:	Sheet No.: 4	Scale : 1:5000
N.T.S.: 93A/064		Date: May 8, 1999

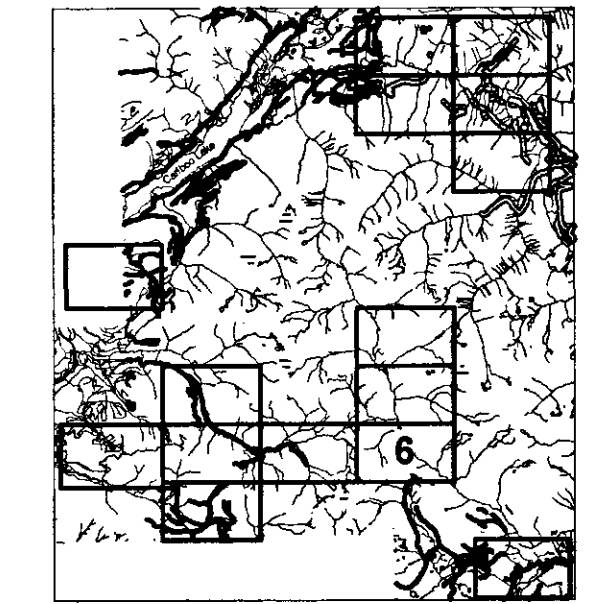


LEGEND

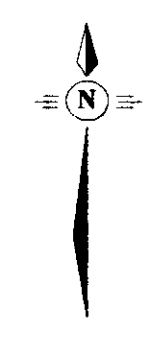
- 1998 rock samples showing :
Sample number
Cu ppm
Pb ppm
Zn ppm
Ag ppb
Bi ppm
Au ppb
- or :
Sample number
Au ppb
- 1997 stream sediment samples
Re-assayed 1998 coarse mesh for coarse gold (Assays not shown).
 - ▲ 1998 soil samples(Assays not shown)
 - ★ 1998 silt samples(Assays not shown)
 - ▼ 1998 stream sediment samples follow-up to 1997(No assays)



LOCATION MAP



INDEX MAP



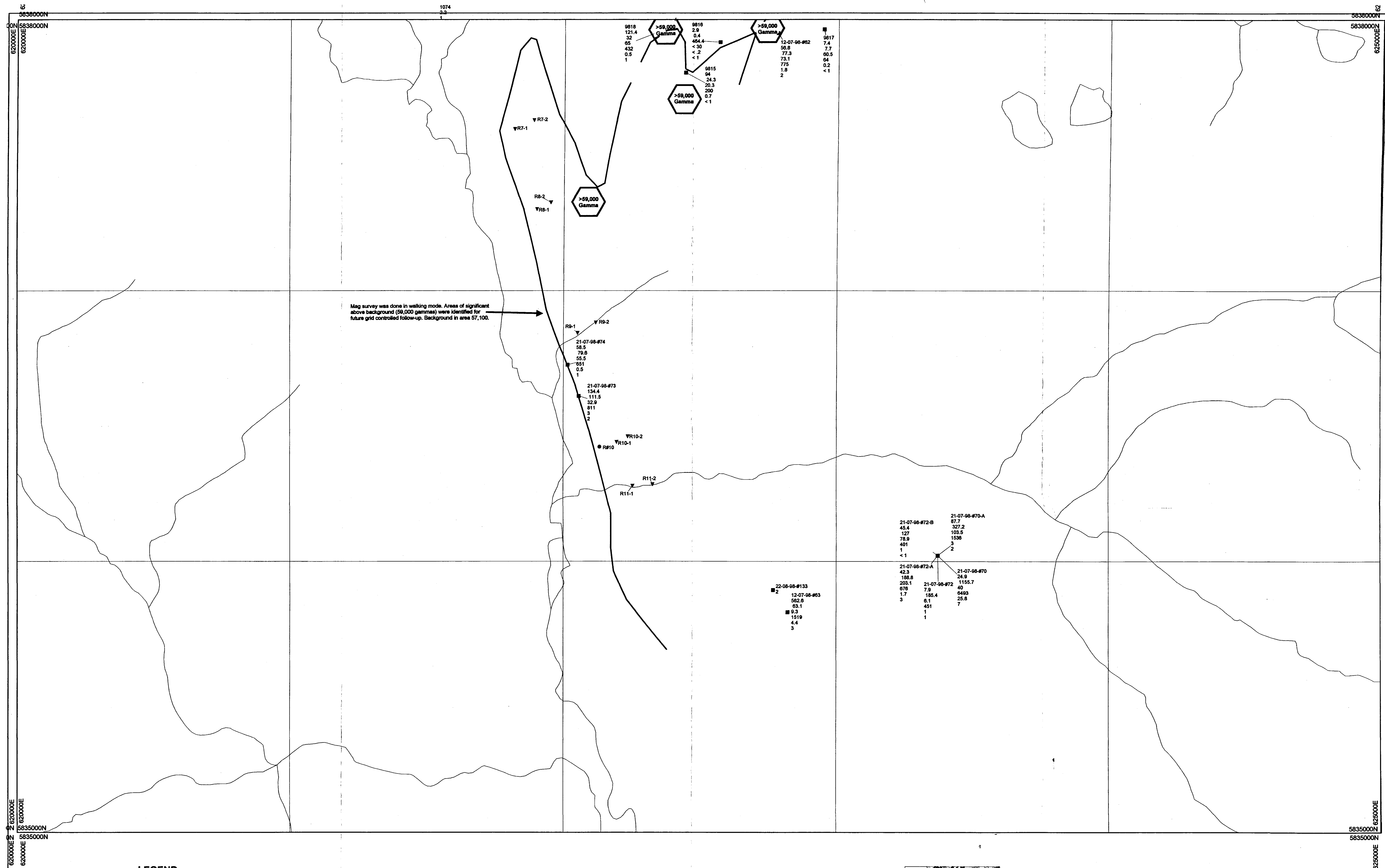
25,904

BARKER MINERALS LTD.

Ace Property

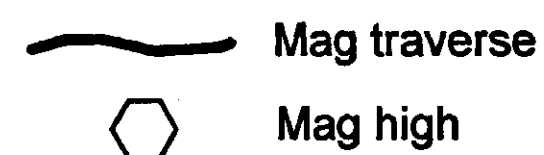
1998 Geochemical
Sample Location Map

Fig. No.:	Sheet No.: 6	Scale : 1:5000
N.T.S.: 93A/065		Date: May 8, 1999

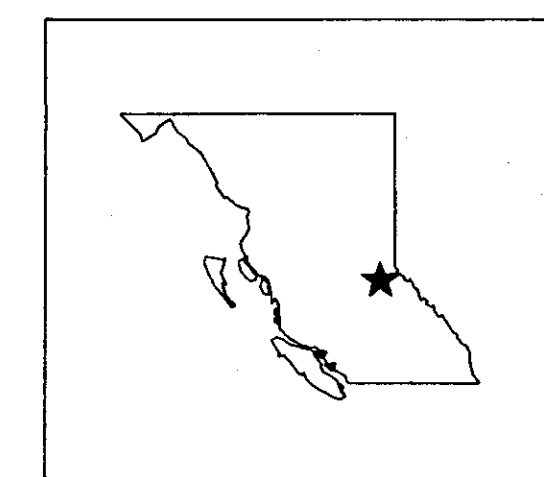


LEGEND

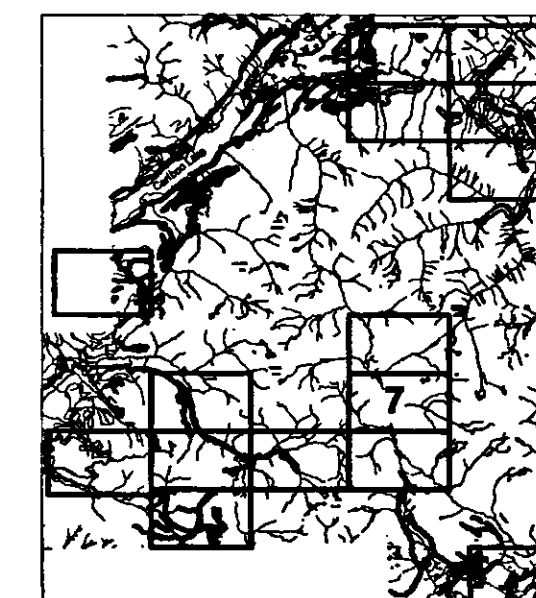
- 1998 rock samples showing :
Sample number
Cu ppm
Pb ppm
Zn ppm
Ag ppb
Bi ppm
Au ppb
- or :
Sample number
Au ppb
- 1997 stream sediment samples
Re-assayed 1998 coarse mesh for coarse gold
(Assays not shown).
 - ▲ 1998 soil samples(Assays not shown)
 - ★ 1998 silt samples(Assays not shown)
 - ▼ 1998 stream sediment samples
follow-up to 1997(No assays)



0 200 400 800 1200m.



LOCATION MAP



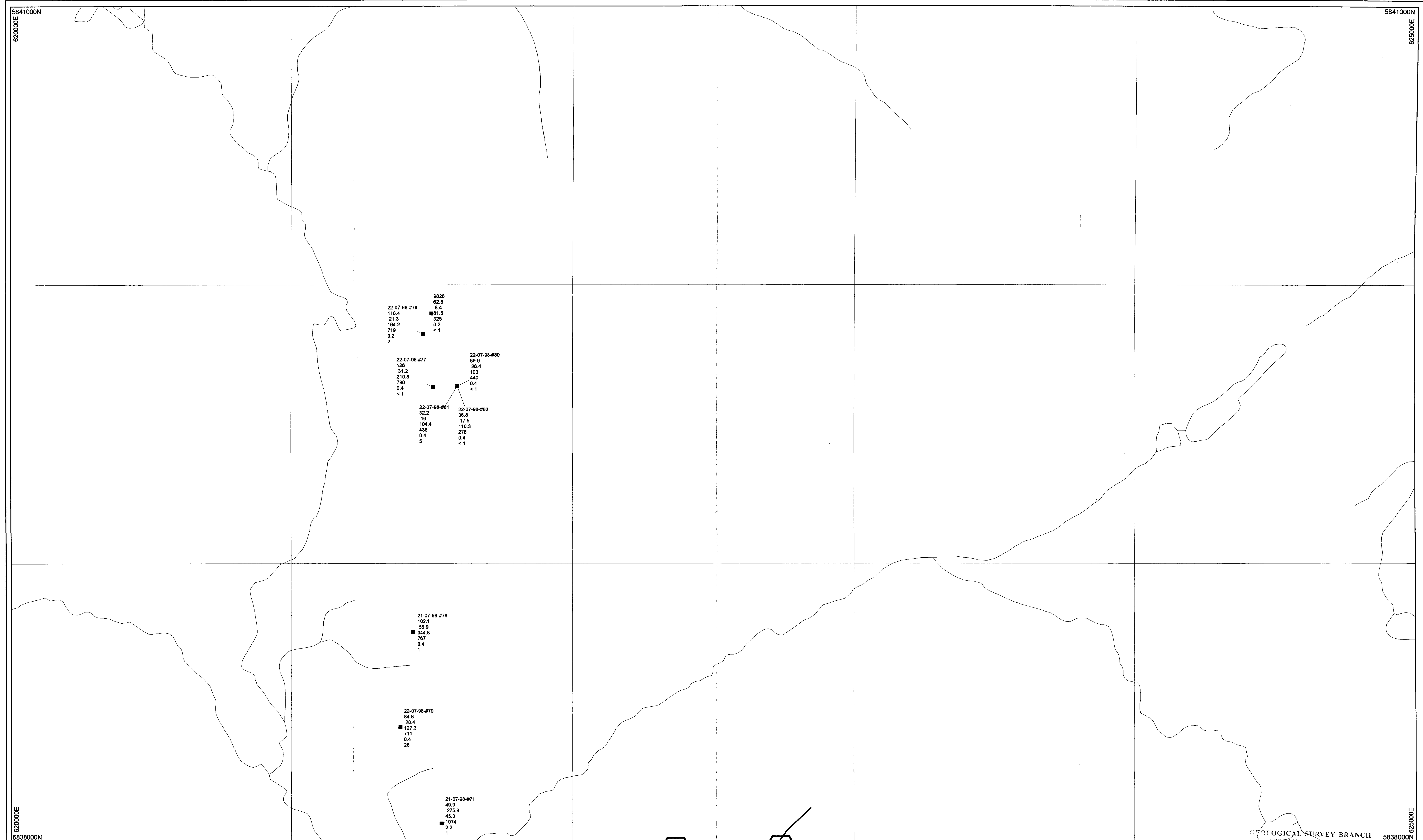
INDEX MAP



BARKER MINERALS LTD.

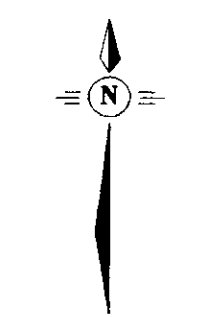
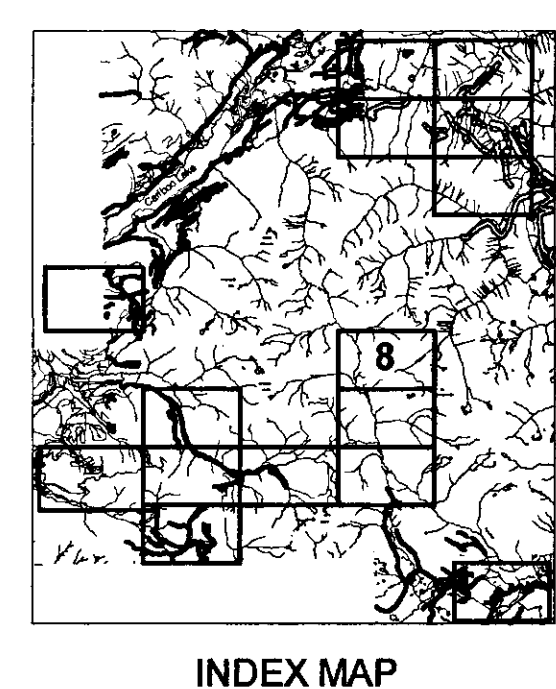
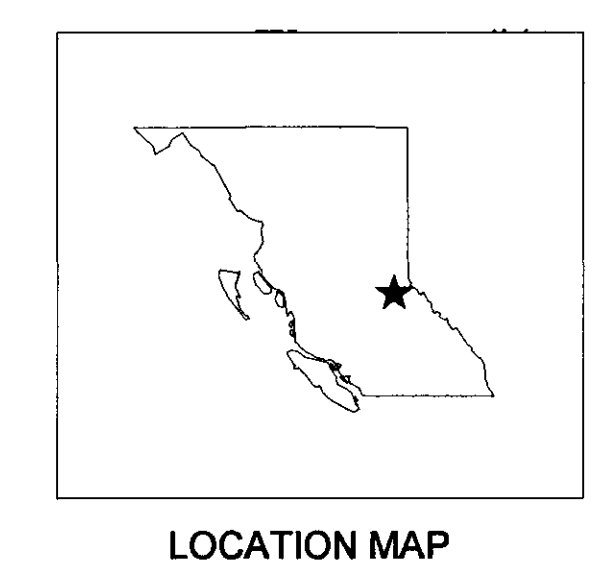
**Ace Property
1998 Geochemical
Sample Location Map
with Mag Survey**

Fig. No.: Sheet No.: 7 Scale : 1:5000
N.T.S.: 93A/064,65 Date: May 8, 1999



LEGEND

- 1998 rock samples showing :
Sample number
Cu ppm
Pb ppm
Zn ppm
Ag ppb
Bi ppm
Au ppb
- or :
Sample number
Au ppb
- 1997 stream sediment samples
Re-assayed 1998 coarse mesh for coarse gold
(Assays not shown).
 - ▲ 1998 soil samples(Assays not shown)
 - ★ 1998 silt samples(Assays not shown)
 - ▼ 1998 stream sediment samples
follow-up to 1997(No assays)
- Mag traverse
○ Mag high



25,904

BARKER MINERALS LTD.

Ace Property
1998 Geochemical
Sample Location Map
with Mag Survey

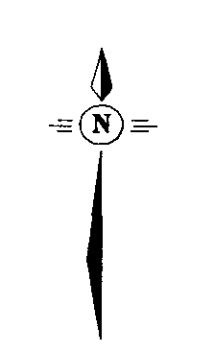
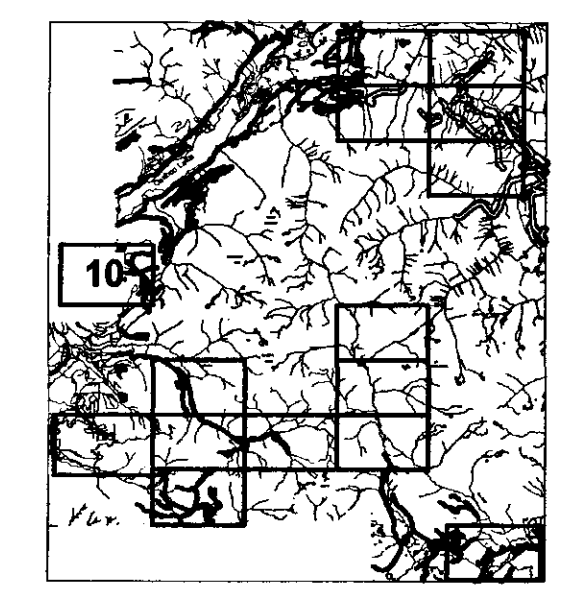
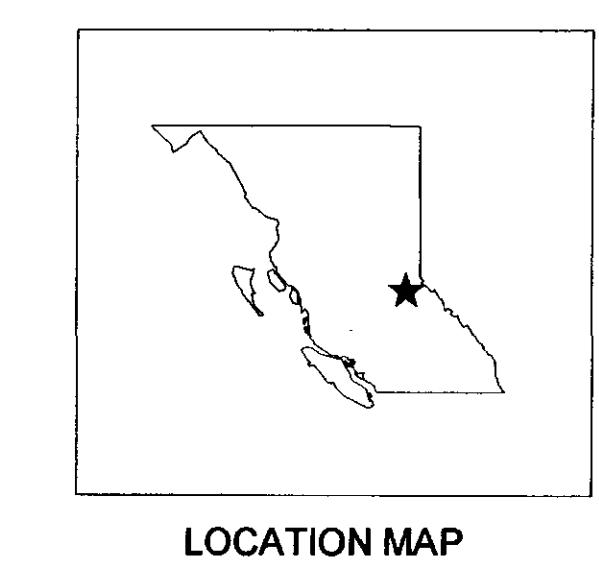
Fig. No.:	Sheet No.: 8	Scale : 1:5000
N.T.S.: 93A/064,65		Date: May 8, 1999



03-08-98-#114	03-08-98-#113	17-08-98-#130
2483.2	22.3	11.4
60.6	10143.2	16282
170.6	28.7	2.4
1414	59	5

1998 rock samples showing :
Sample number
Cu ppm
Pb ppm
Zn ppm
Ag ppb
Bi ppm
Au ppb

- LEGEND**
- 1997 stream sediment samples
Re-assayed 1998 coarse mesh for coarse gold
(Assays not shown).
 - ▲ 1998 soil samples(Assays not shown)
 - ★ 1998 silt samples(Assays not shown)
 - ▼ 1998 stream sediment samples
follow-up to 1997(No assays)



25,904

BARKER MINERALS LTD.

Ace Property

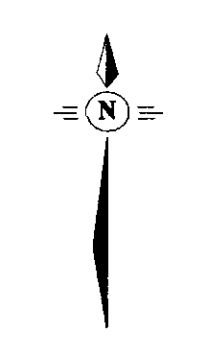
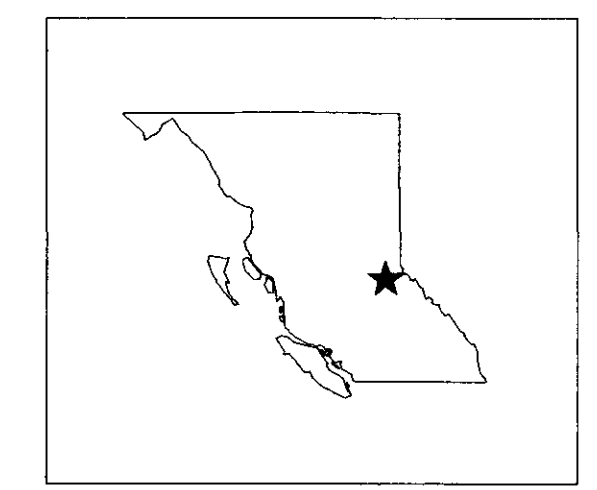
1998 Geochemical
Sample Location Map

Fig. No.:	Sheet No.: 10	Scale : 1:5000
N.T.S.: 93A/074	Date: May 8, 1999	



LEGEND

- 1998 rock samples showing :
Sample number
Cu ppm
Pb ppm
Zn ppm
Ag ppb
Bi ppm
Au ppb
- or :
Sample number
Au ppb
- 1997 stream sediment samples
Re-assayed 1998 coarse mesh for coarse gold
(Assays not shown).
 - ▲ 1998 soil samples(Assays not shown)
 - ★ 1998 silt samples(Assays not shown)
 - ▼ 1998 stream sediment samples
follow-up to 1997(No assays)



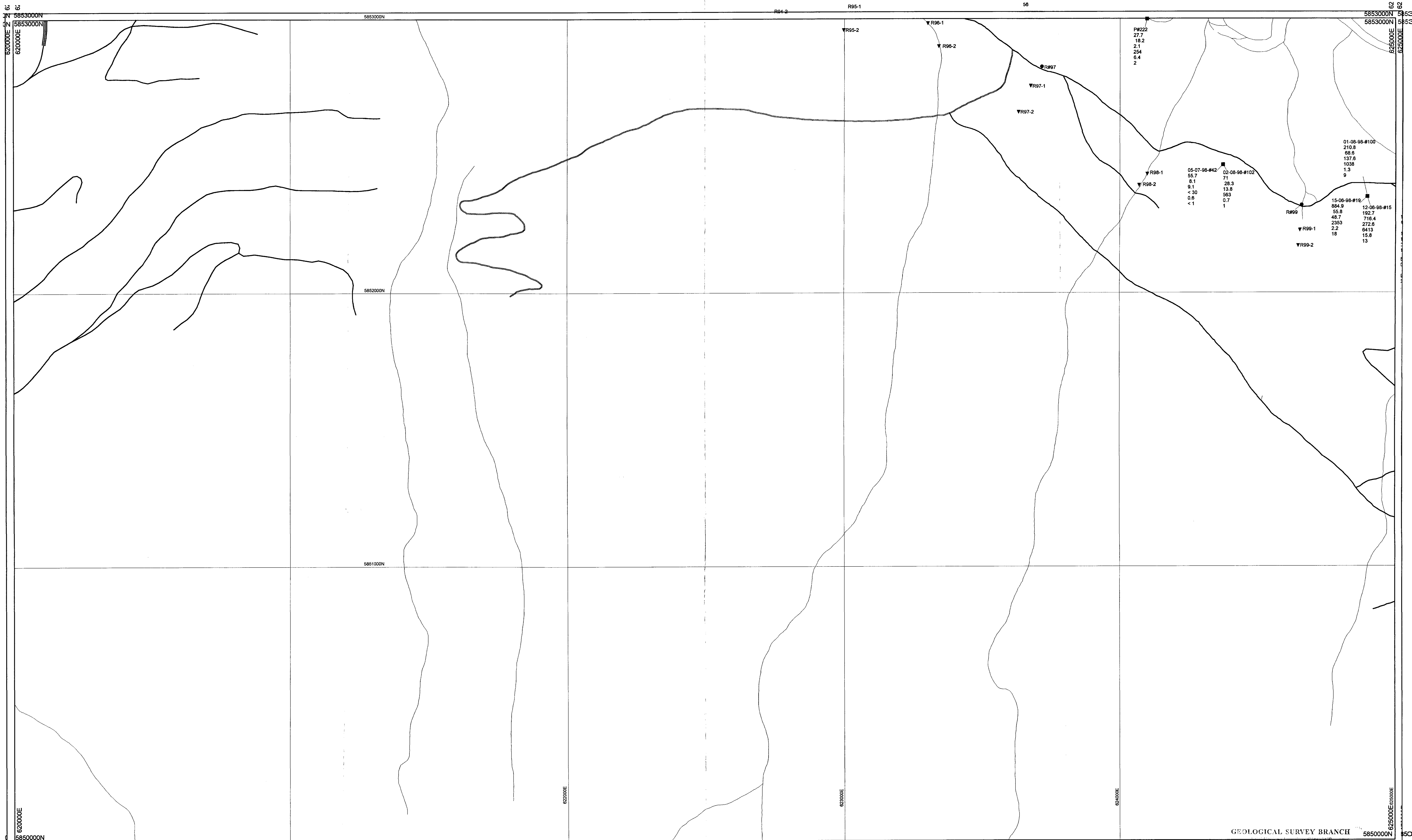
25,904

BARKER MINERALS LTD.

Ace Property

1998 Geochemical
Sample Location Map

Fig. No.:	Sheet No.: 11	Scale : 1:5000
N.T.S.: 93A/075	Date: May 8, 1999	



GEOLOGICAL SURVEY BRANCH

ADDITIONAL REPORT

25,904

BARKER MINERALS LTD.

Ace Property

1998 Geochemical Sample Location Map

Fig. No.:

Sheet No.: 13

Scale : 1:5000

N.T.S.: 93A/074,75

Date: May 8, 1999

LEGEND

1998 rock samples showing :
Sample number

Cu ppm

Pb ppm

Zn ppm

Ag ppb

Bi ppm

Au ppb

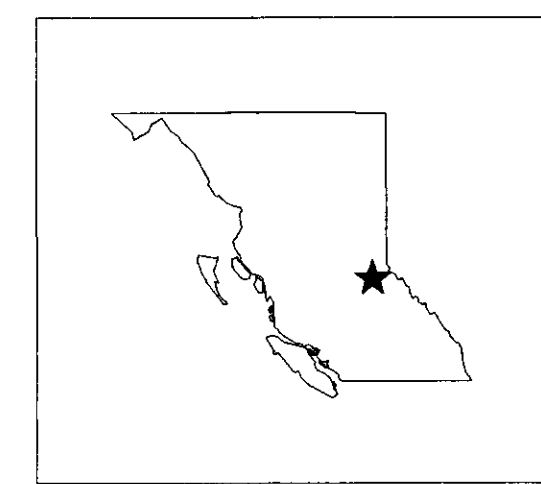
or :

Sample number

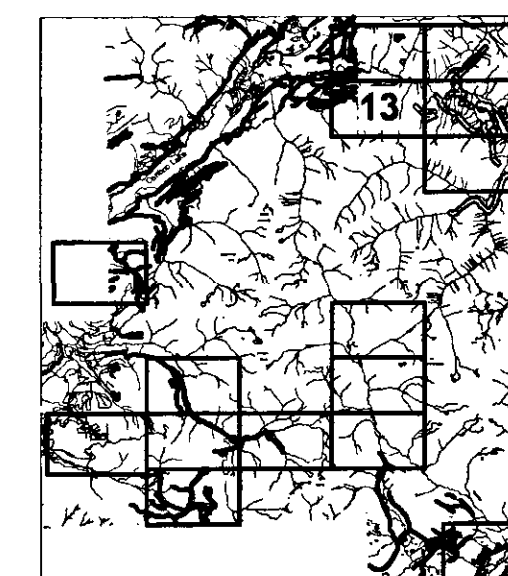
Au ppb

- 1997 stream sediment samples
Re-assayed 1998 coarse mesh for coarse gold
(Assays not shown).
- ▲ 1998 soil samples(Assays not shown)
- ★ 1998 silt samples(Assays not shown)
- ▼ 1998 stream sediment samples
follow-up to 1997(No assays)

0 200 400 800 1200m.

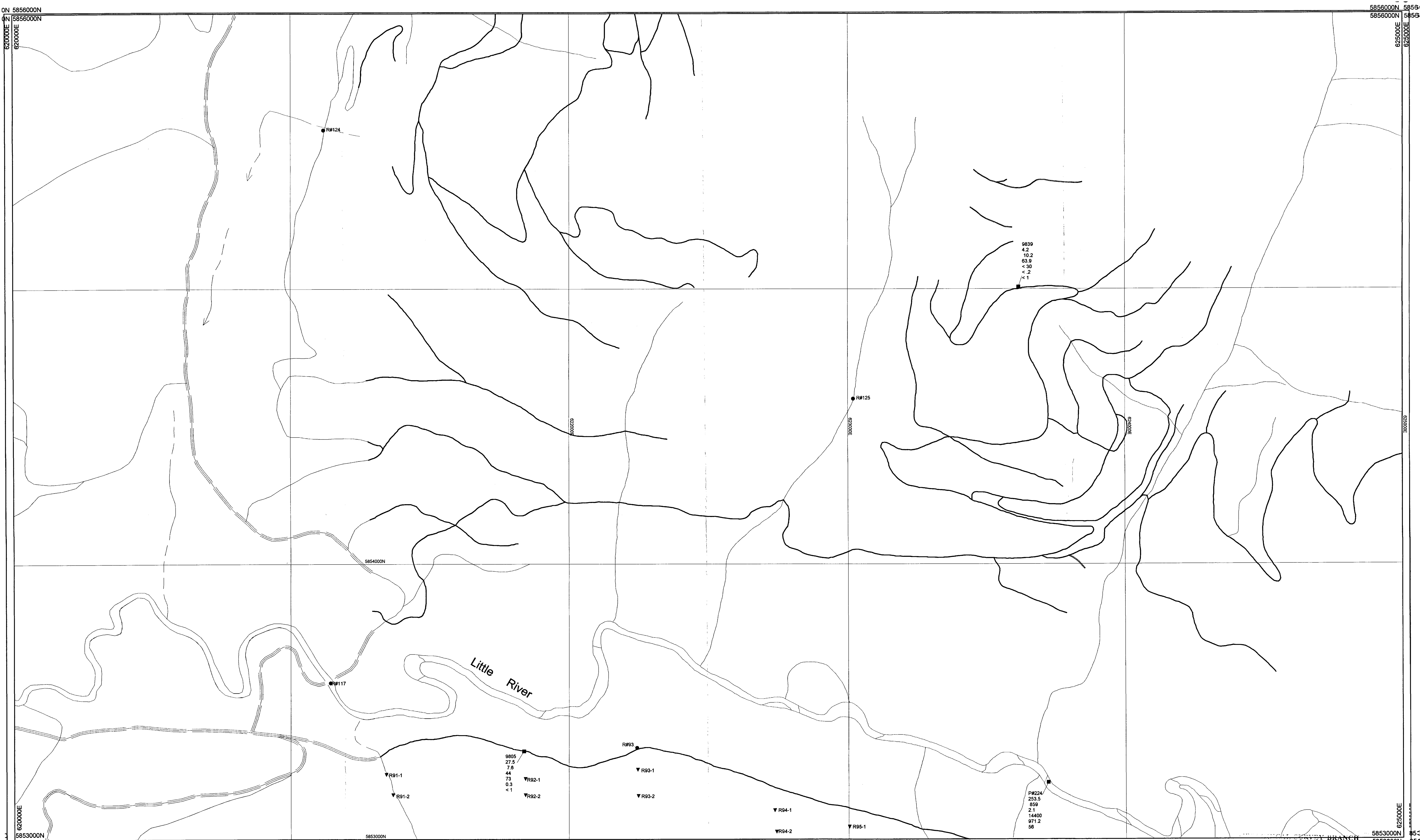


LOCATION MAP



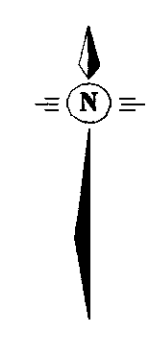
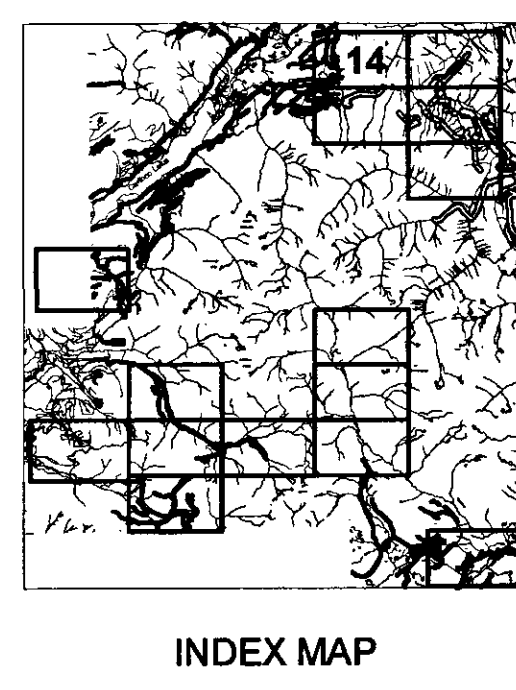
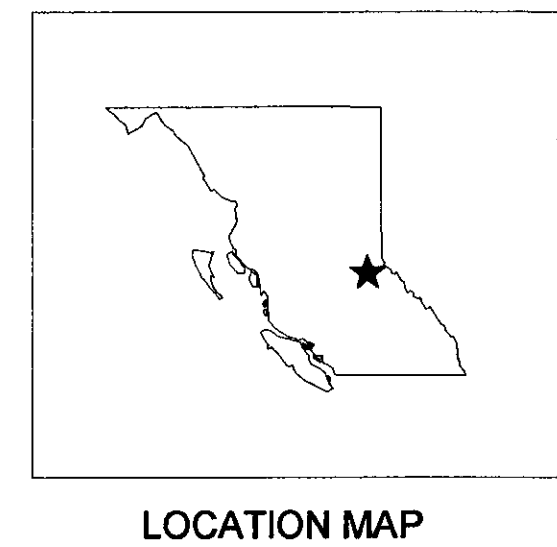
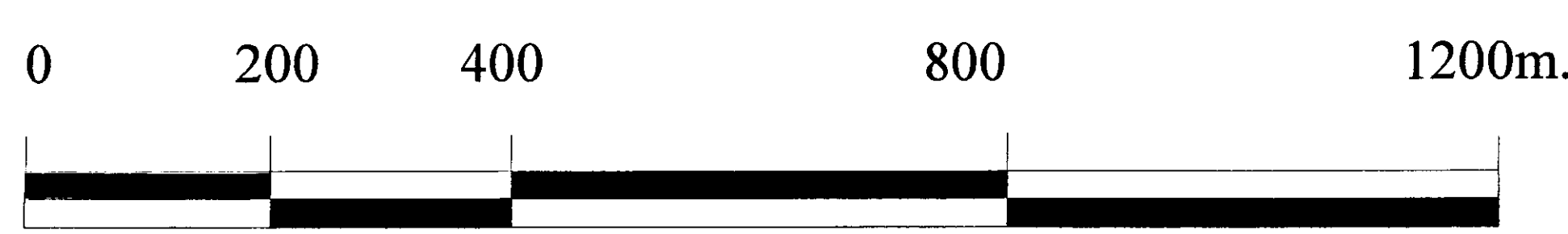
INDEX MAP





LEGEND

- 1998 rock samples showing :
Sample number
Cu ppm
Pb ppm
Zn ppm
Ag ppb
Bi ppm
Au ppb
- or :
Sample number
Au ppb
- 1997 stream sediment samples
Re-assayed 1998 coarse mesh for coarse gold
(Assays not shown).
 - ▲ 1998 soil samples(Assays not shown)
 - ★ 1998 silt samples(Assays not shown)
 - ▼ 1998 stream sediment samples
follow-up to 1997(No assays)



25,904

BARKER MINERALS LTD.

Ace Property

1998 Geochemical
Sample Location Map

Fig. No.:	Sheet No.: 14	Scale : 1:5000
N.T.S.: 93A/084,85		Date: May 8, 1999



LEGEND

- 1998 rock samples showing :

Sample number

Cu ppm

Pb ppm

Zn ppm

Ag ppb

Bi ppm

Au ppb
- or :

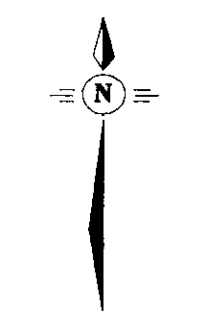
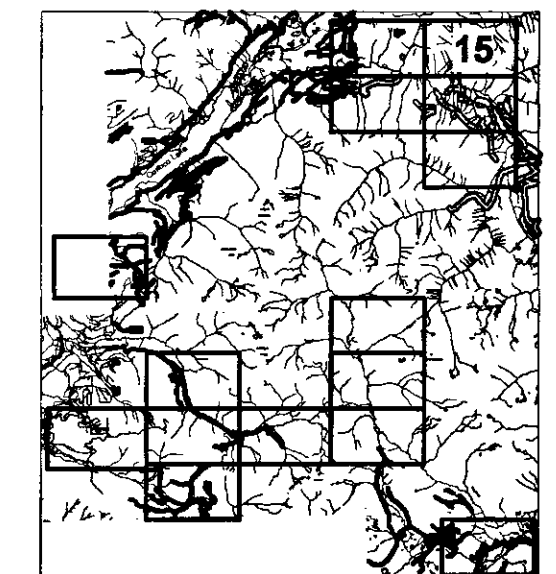
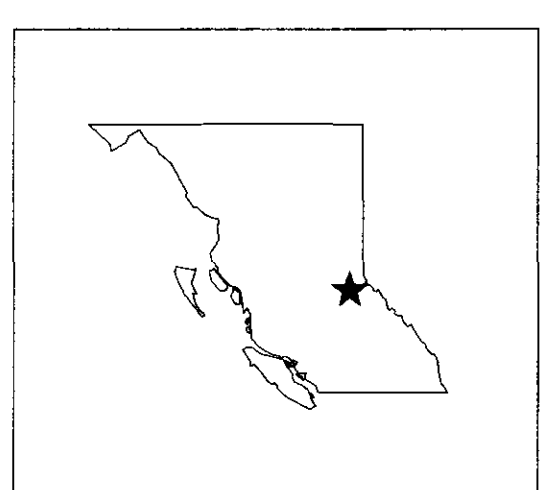
Sample number

Au ppb
- 1997 stream sediment samples
Re-assayed 1998 coarse mesh for coarse gold
(Assays not shown).

▲ 1998 soil samples(Assays not shown)

★ 1998 silt samples(Assays not shown)

▼ 1998 stream sediment samples
follow-up to 1997(No assays)



25,904

BARKER MINERALS LTD.

Ace Property

1998 Geochemical
Sample Location Map

Fig. No.:	Sheet No.: 15	Scale : 1:5000
N.T.S.: 93A/085		Date: May 8, 1999