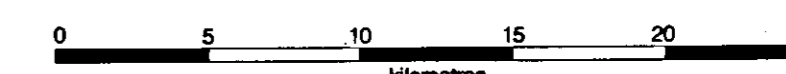


Geological Survey Branch  
**MINFILE MAP**  
**NTS 094A - CHARLIE LAKE**

This MINFILE release researched and compiled by:  
 Fox Geological Consultants Ltd., G.J. Payle and P.S. Fischl

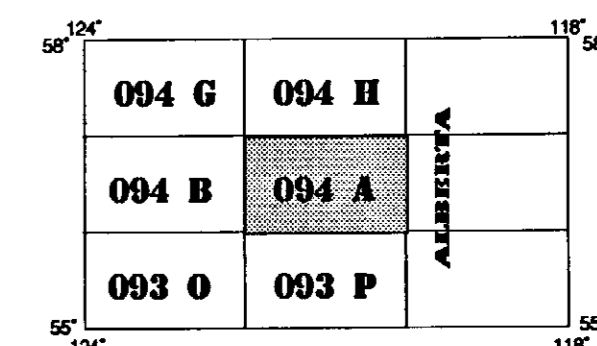
Date Revised: March 1992

Scale 1:250 000



Total Number of Mineral Occurrences: 9

- ⊗ Producer
- ⊙ Past Producer
- Developed Prospect
- Prospect
- Showing



**GEOLOGICAL LEGEND**

**MESOZOIC**  
**CRETACEOUS**

**UPPER CRETACEOUS**

**uKk** KASKAPAU FORMATION: Shale and silty shale; minor sandstone, siltstone and ironstone (marine)

**uKd** DUNVEGAN FORMATION: Sandstone, grey, fine to medium grained, evenly bedded; interbedded grey to dark grey siltstone, shale and carbonaceous shale; some ironstone bands and thin coal seams; massive, crossbedded, grey sandstone in the lower 100 metres; minor coarse sandstone and fine conglomerate in the northwestern part of the map area (marine and non-marine)

**LOWER CRETACEOUS**

**FORT ST. JOHN GROUP**

**IKfsJ** "UPPER SHALE": Grey shale and silty shale; minor amounts of sandstone and siltstone, thin bands and scattered concretions of ironstone (marine)

**IKG** GATES FORMATION: Sandstone and siltstone; minor shale (marine)

**IKm** MOOSEBAR FORMATION: Shale and silty shale; some sandstone, siltstone and ironstone (marine)

Geological legend and base derived from:

Ish, E.J.W., (1958): Charlie Lake (094A) Map Area; Geological Survey of Canada, Map 17-1958, 1:250,000

**MAP LEGEND - 094A**

MINFILE NUMBER	NAME	COMMODITIES
001	PACIFIC FT ST JOHN NO.44 WELL	BA
002	IMPERIAL PACIFIC	FL BM
003	BEAR FLATS	SH CY
004	TAYLOR	SH CY
005	ROLLA FERRY	SH CY
006	MOBERLY	FE SU
007	CAMERON RIVER	FE
008	PEACE RIVER TUFA	TR
009	HUDSON HOPE	TR

**CODE INDEX**

BA	Barite
BM	Bitumen
CY	Clay
FL	Fluorite
SH	Shale
SU	Sulphur
TR	Travertine

**COMMODITY LEGEND**

BA	Barite
BM	Bitumen
CY	Clay
FL	Fluorite
FE	Iron
SH	Shale
SU	Sulphur
TR	Travertine