



BC Geological Survey
OPEN FILE 2009-7
GEOLOGY OF WOLVERINE RIVER AREA,
PEACE RIVER COALFIELD
 PARTS OF NTS 93P/03, 931/14
 mapping and digital compilation by A. Legun

Scale 1:30 000

LEGEND

SEDIMENTARY ROCKS

Lower Cretaceous

Fort St. John Group

- Goodrich Fm (Kgo)
 - fine grained crossbedded sandstone; shale
- Hasler Fm (Kha)
 - Marine shale and siltstone
- Boulder Creek Fm (Kb)
 - Thick bedded clean ss and congl, intervals of shale, minor thin coals and carbonaceous beds
- Hulcross Fm (Khu)
 - Marine shale and siltstone, twin train bands (high gamma signature) near base
- Gates Fm (Kga)
 - upper: coarsening up marine sh, locally replaced by ss and congl body; siltst and thin coals near top middle: thick coal, carb shale, shale and ss. interval thickens to north due to nearshore sediment (ss, congl) of two marine wedges
 - lower: thick beds of massive to horz laminated and crossbedded shoreface ss's

Bullhead Group

- Gething Fm (Kge)
 - upper: coal measures above an extensive basal ss (Chamberlain)
 - middle: low angle x-bedded ss's of a marine tongue, more shaly in north
 - lower: coal measures with lenticular coal, channel ss's rippled and rooted ss, congl, calcareous siltst, mudchips and plant debris
- Cadomin Fm (Kcd)
 - Thick beds of cherty congl and ss with rip-up clasts and scours common, lenticular coal, carb sh. Some congl beds very poorly sorted with significant mudstone in matrix

Lower Cretaceous and Upper Jurassic

Minnes Group

- undivided rocks (JKM)
 - salt and pepper ss with mudchips, black shale, carbonaceous shale and coal

Mine pits in Gates Fm

- Active
- Developing
- Old
- Potential

Boreholes

- Coal
- Oil and Gas Well (wa) well authorisation #

Geologic symbols

- contact approximate
- contact assumed
- fault - uninterpreted type
- thrust fault
- thrust fault assumed
- normal fault
- syncline
- anticline
- plunge
- bedding inclined
- bedding vertical
- bedding flat
- bedding overturned

