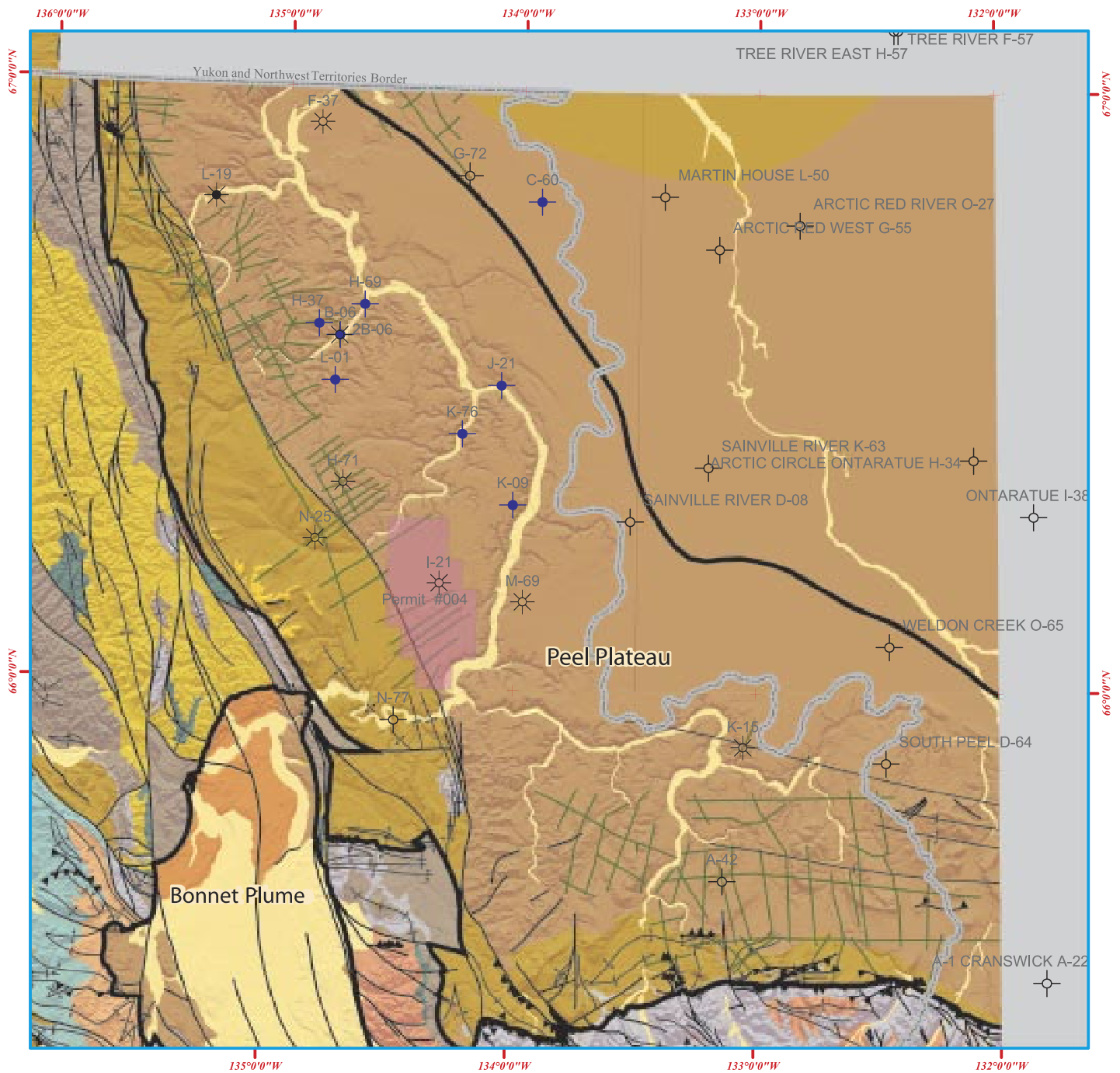


E. Peel Plateau and Plain Oil and Gas Resource Assessment

Peel Plateau Resource Assessment (Osadetz, MacLean, Morrow, Dixon and Hannigan, 2005)*



Bedrock Geology
Gordey, S.P. and Makepeace, A.J. (compilers), 2003.
Yukon Digital Geology,
Geological Survey of Canada, Open File 1749 and
Yukon Geological Survey, Open File 2005-9(D).

Sedimentary Basins
Mossop, G.D., Wallace-Dudley, K.E., Smith, G.G and
Harrison, J.C. (compilers), 2004,
Sedimentary Basins of Canada,
Geological Survey of Canada, Open File 4673.

● Oil Well	☼ Gas Well	☼ Oil and Gas Well	○ Dry and Abandoned Well
● Condensate, Water; Unknown			
▭ National Park			
▭ Territorial Park			
▭ Exploration Licence			
▭ Permit			
▭ Production Lease			
▭ Significant Discovery Licence			
~ Faults			
~ Folds			
~ Oil and Gas Seismic Lines			
~ Exploration Regions			

Bedrock Geology

Quaternary
unconsolidated glacial, alluvial, colluvial deposits

Late Cretaceous - Tertiary
foredeep shale and sandstone
volcanic rocks

Cretaceous
foredeep shale and sandstone

Jurassic - Cretaceous
shale, interbedded sandstone and conglomerate
volcanic rocks

Triassic
shale, sandstone, limestone
volcanic rocks

Permian
shale, sandstone, conglomerate, chert
volcanic rocks

Devonian - Carboniferous
limestone
shale, sandstone, conglomerate
volcanic rocks

Cambrian - Devonian
platform carbonate, siltstone, sandstone
basinal shale, siltstone, sandstone
volcanic rocks

Lower Cambrian
carbonate
shale, siltstone, sandstone

Proterozoic - Tertiary
metasedimentary and siliciclastic rocks, volcanic rocks
undifferentiated intrusions

0 100 200 400 600 800 1,000
Kilometres

1:1,000,000

3170-30-1 Investment Booklet Geology
4 February, 2005

*Assessment completed using program PETRIMES