

Product Description

Detailed, accurate, subsurface geology, at your fingertips in AccuMap, geoSCOUT, Petra, GeoGraphix and other ESRI Shape file compatible applications. Developed by GeoEdges Inc.

WESTERN CANADA GEOLOGICAL EDGE SET

License fee includes:

- Full set of digital edges for AccuMap (provided as Map Features and as Map/Annotation files).
- Full set of ESRI Shape files for geoSCOUT, Petra and other applications.
- Petra Thematic Mapper Projects, ArcGIS Projects.
- Hard copy prints of key 20 maps.
- 50 regional cross-sections in PDF format.
- Digital and hard copy manual.
- Access to bi-annual updates and additions to mapping, technical support.
- Coverage for Alberta, British Columbia, Saskatchewan, Manitoba and NWT.

List of geological features provided:

Tertiary:	Scollard Outcrop, Ardley Coal CBM trends
Cretaceous:	Glauconitic channels (southern Alberta), Lloydminster, Rex (E. Alberta, W. Sask.), Colony/McLaren/Waseca/Sparky channels (east-central AB, west SK), Bluesky, Dunlevy sands (NEBC), BQ/Ellerslie channels, Cadotte, Falher, Cadomin (Deep Basin), Mannville CBM trends, Horseshoe Canyon Outcrop and CBM trends, Mannville Outcrops, Roseray, Cantaur, Viking, Cardium, Milk River, Second White Specks, Baron Sst
Jurassic:	Jurassic subcrop edge, Rock Creek subcrop edge, Nikanassin subcrop edge (NEBC),
Triassic:	Triassic, Montney, Doig and Halfway subcrop edges, Doig, Halfway, Cecil, Siphon, North Pine, Boundary Lk., Artex reservoir facies distribution, Montney Tight Gas (Alberta, NEBC)
Permian:	Belloy-Fantasque subcrop (Alberta, NEBC)
Mississippian:	Kiskatinaw, Debolt / Elkton, Top Elkton, Shunda, Pekisko, Banff/Exshaw subcrop edges (Alberta, NE BC); Kibbey, Poplar, Ratcliffe, Midale, Frobisher, Kisbey, Alida, Tilston, Souris Valley, Bakken, Lower Bakken subcrop edges; Flat Lake, Oungre, Frobisher, Bluell, Sherwood, Mohall anhydrite barriers (Saskatchewan)
Devonian:	Wabanum, Nisku, Grosmont, Slave Point subcrop edges; Leduc, Nisku, Jean Marie, Grosont, Slave Point/Swan Hills reefs and platform margins, limit of Klua Shale/Rainbow-Zama sub-basins, Horn River Shale Gas (Alberta, NEBC, NWT)
General:	Outcrops: Formation Outcrops in Alberta and NEBC (shapefile only) Ft. St. John - Dawson Creek Graben Complex; Dunvegan, Whitelaw, Tangent, Hay River, Bovie Lake faults, Main Deformation Front, Surface Defomation Front

NORTHERN US ROCKIES & WILLISTON BASIN GEOLOGICAL EDGE SET

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- Full set of digital edges for AccuMap (provided as Map Features and as Map/Annotation files).
- Petra Thematic Mapper Projects, ArcGIS Projects.
- Hard copy prints of key 20 maps.
- 20 regional cross-sections in PDF format.
- Digital and hard copy manual.
- Access to ongoing updates and additions to mapping, technical support.
- Coverage for North Dakota, Montana, Wyoming, Colorado, Utah and Canadian portion of the Williston Basin.

List of geological features provided:

General:	Precambrian Outcrop, Intrusions, Volcanics, Deformation Front, Faults, Anticlines, Synclines, Basin Axis, WY/UT Thrust Belt
Tertiary:	Ft. Union CBM Fairway
Cretaceous:	Cutbank Valley Edge, Moulton Sandstone, Glauconitic (U. Sunburst) Channels, Muddy Fm., Dakota Fm., Skull Ck., D Sand, J Sand, Shannon-Eagle, Sussex, Parkman-Judith River, Teapot, Tecla, Frontier, Almond, Lewis, Niobrara, Mesaverde Shorelines, Cretaceous Formational Limits
Jurassic:	Jurassic Subcrop
Permian:	Permian: Phosphoria peritidal fairway
Pennsylvanian:	Phosphoria peritidal fairway
Mississippian:	Tyler Subcrop, Tyler Sandstone Fairway, Paradox Salt Anticlines, Paradox Clastics, Ismay Mounds, Desert Creek Mounds
Devonian:	Kibbey, Poplar, Ratcliffe, Midale, Tilston, Lodgepole, Bakken, Middle Bakken, Lower Bakken subcrop edges; Heath Shale; Bakken Limit of Hydrocarbon Maturity; Bakken Structure, Flat Lake, Berentson, Rival-Nesson, Bluell, Sherwood, Glenburn, Mohall Anhydrite Barriers
Pre-Devonian:	Devonian Subcrop, Dawson Bay Subcrop, Duperow Subcrop, Birdbear Subcrop, Prairie Evaporite Salt Edge, Three Forks Subcrop, Sanish Mbr. Subcrop, Sanish Sst. Subcrop, Sinclair Mbr. Subcrop
Fields:	Red River Subcrop, Stony Mountain Subcrop, Silurian Outcrop
	Ordovician, Silurian, Devonian, Mississippian, Pennsylvanian, Permian, Triassic, Jurassic, Lwr Cretaceous, Uppr Cretaceous, Tertiary

APPALACHIAN BASIN GEOLOGICAL EDGE SET

License fee includes:

- Full set of ESRI Shape files compatible with most mapping applications (Petra, GeoGraphix, etc.).
- Petra Thematic Mapper Projects, ArcGIS Projects.
- Hard copy prints of key maps.
- Regional cross-sections in PDF format.
- Digital and hard copy manual.
- Access to ongoing updates and additions to mapping, technical support.
- Coverage for New York, Pennsylvania, Ohio, West Virginia, Virginia, Kentucky, Tennessee and Ontario.

List of geological features provided:

General Features:	Appalachian Basin outline, faults, anticline and syncline axes, arches, Allegheny Front, Cincinnati Arch, Pine Mtn Thrust, state and county boundaries, provincial boundaries
Stratigraphic Limits:	Cambrian, Ordovician, Silurian, Devonian, Mississippian, Pennsylvanian, Permian
Outcrops:	Cambrian, Ordovician, Silurian, Devonian, Mississippian, Pennsylvanian, Permian, Marcellus, Ohio, Tully, Berea, Venango, etc
Fields:	Pennsylvanian, Berea, Murraysville-Cussewago, Big Lime, Marcellus, Devonian Shale, Venango, Bradford, Elk, Tuscarora, Clinton, Trenton, Knox
Devonian Shales:	Marcellus, Geneseo, Rhinestreet, Huron, Cleveland and Sonyea radioactive shale isopachs, western limit of Marcellus shale, Onondaga structure
Devonian:	Berea sst isopach, Berea formation limits, Second Berea, Second Berea delta, Venango isopach, Venango cycle limits, Bradford isopach, Bradford cycle limits, Elk isopach, Benson sst isopach, Upper Benson turbidites
Silurian:	Grimsby sst isopach, Whirlpool sst isopach, Lower Silurian isopach, Tuscarora facies, Medina / Tuscarora play areas
In development:	Weir / Big Injun depositional trends, Trenton / Black River

NORTH AMERICAN SHALES GEOLOGICAL EDGE SET

License fee includes:

- Full set of ESRI Shape files compatible with most mapping applications (Petra, GeoGraphix, etc.).
- Petra Thematic Mapper Projects, ArcGIS Projects.
- Hard copy prints of key maps.
- Regional cross-sections in PDF format.
- Digital and hard copy manual.
- Access to ongoing updates and additions to mapping, technical support.
- Coverage for American and Canadian shale basins.

List of geological features provided::

General Features:	Basin outlines, faults, anticline & syncline axes, arches, Allegheny front, Ouachita front
Antrim:	Formation limits, outcrops
Bakken & Three Forks:	Upper, Middle and Lower Bakken subcrops, Three Forks and Sanish subcrops, fields, structure, Middle Bakken isopach, limit mature source rock
Barnett:	Formation limit, isopach, gas window, Viola-Simpson limit, Marble Falls limit, Forestburg limit
Gothic:	Isopach, fields, salt anticlines, structures
Horn River:	Evie and Muskwa shale isopachs, fields, Presqu'ile Barrier, Cordova Embayment, Horn River Basin
Marcellus:	Formation limit, outcrop, radioactive shale isopach, fields, western limit, Onondaga structure, Allegheny front; Geneseo, Rhinestreet, Huron & Cleveland shale isopachs
Montney:	Subcrop edges, turbidites, tight gas areas, coquina, Ft. St. John Graben faults, Triassic basin
New Albany:	Formation limits, outcrop

Data Sources: **Well log mapping, industry tops and production data, government and industry publications.**