

Saskatchewan Geological Survey Miscellaneous Report 2018-1
RESOURCE MAP OF SASKATCHEWAN
2018 Edition

KEY TO NUMBERED MINERAL DEPOSITS†

- **URANIUM**
1. Laird Island prospect
 2. Nesbitt Lake prospect
 3. Arty Lake deposit
 4. Pitch-ore mine (closed)
 5. Beta Gamma mine (closed)
 6. Eldorado HAB mine (closed) and Baska prospect
 7. Eldorado Eagle mine (closed) and ABC deposit
 8. National Explorations and Eldorado Dubyna mines (closed) and Strike deposit
 9. Eldorado Verna, Ace-Fay, Nesbitt Labine (Eagle-Ace) and Beaverlodge mines and Bolger open pit (closed)
 10. Martin Lake mine (closed)
 11. Rix-Althabasca, Smitty, Leonard, Cinch and Cayzor Althabasca mines (closed); St. Michael prospect
 12. Lorado mine (closed)
 13. Black Bay/Murmac Bay mine (closed)
 14. Consolidated Nicholson Bay and Fish Hook Bay mines (closed)
 15. Gulch mine (closed)
 16. Gunnar mine (closed)
 17. Stewart Island prospect
 18. Maurice Bay deposit
 19. VIC Claims prospect
 20. Matthews Lake prospect
 21. Fond-du-Lac deposit
 22. Charlebois Lake and David deposits
 23. Mozzie Lake deposit
 24. Row, West Row and ART prospects
 25. Higginson Lake and Corrigan Lake prospects
 26. Paisley Lake prospect
 27. Nisto mine (closed)
 28. Cluff Lake mine (closed) - D, Dominique-Peter, Claude and Dominique-Janine (North, EX OP, UG and EX Pods) deposits
 29. Shea Creek - Anne, Kianna and Colette deposits
 30. Midwest mine - Midwest and Midwest A deposits (not producing)
 31. Roughrider and J Zone deposits
 32. Dawn Lake deposit
 33. McClean Lake mine - JEB, Sue A, B, C and E deposits (mined out); McClean, Caribou, Sue D deposits; mill (AREVA Resources Canada Inc.) processing Cigar Lake mine ore
 34. Tamarack deposit
 35. Eagle Point mine (not producing)
 36. Collins Bay 'A' and 'B' Zone deposits (mined out)
 37. Rabbit Lake mine (mined out)
 38. Horseshoe and Raven deposits
 39. La Rocque Lake deposit
 40. Ken Pen, Paul Bay, and Orora deposits
 41. Cigar Lake mine (Cameco Corp., 50.025%; AREVA Resources Canada Inc., 37.1%; Idemitsu Uranium Exploration Canada Ltd., 7.875%; TEPCO Resources Inc., 5%)
 42. Wolf Lake and Sand Lake deposits
 43. West Bear deposit
 44. McArthur River mine - McArthur River deposit (Cameco Corp., 69.805%; AREVA Resources Canada Inc., 30.195%)
 45. McArthur River - BJ zone deposit
 46. Key Lake mine - Gaertner and Deilmann deposits (mined out); mill (Cameco Corp., 83.333%; AREVA Resources Canada Inc., 16.667%) processing McArthur River mine ore
 47. Moore Lake - Maverick deposit; 525 and 527 prospects
 48. Millennium deposit
 49. Centennial deposit
 50. Triple R deposit
 51. Arrow deposit
 52. Spitfire deposit
 53. Black Lake prospect
 54. Phoenix deposit
 55. Gryphon deposit
 56. Mann Lake prospect
 57. Harigan Zone prospect
 58. Fox Lake deposit
 59. Fraser Lakes B Zone deposit
 60. Burbridge Lake (BURR) prospect
 61. Duddridge Lake (Thor) deposit
- **COPPER-NICKEL (PGE) AND COPPER-COBALT**
1. Dianne Lake deposit
 2. Dinty Lake deposit
 3. Cole Lake prospect
 4. Currie Lake deposit
 5. Axis Lake and Rea Lake deposits
 6. Dumas Lake deposit
 7. Rottenstone mine (closed)
 8. Gochager Lake deposit
 9. Mal Lake prospect
 10. Triangle Lake deposit
 11. Dunlop (International Ni) deposit
 12. Howard (Little Clam) Lake deposit
 13. Swan Lake prospect
 14. Hidden Lake deposit
 15. Namew Lake mine (closed) (in Manitoba)
- **LEAD-ZINC**
1. Johnson Lake (Marina) prospect
 2. George (Brakewell) Lake deposit
 3. Deception Lake prospect
 4. Sito Lake deposit
 5. Western Nuclear mine (closed)
- **POTASH AND SALT**
1. Vanscoy potash mine (Nutrien) and salt plant (NSC Minerals)
 2. Cory Division potash mine (Nutrien) (byproduct CaCl₂ brine)
 3. Patience Lake Division potash solution mine (Nutrien)
 4. Allan Division potash mine (Nutrien)
 5. Colonsay potash mine (The Mosaic Company)
 6. Lanigan Division potash mine (Nutrien)
 7. Esterhazy K-1 and K-2 potash mines (The Mosaic Company)
 8. Rocanville Division potash mine (Nutrien) and salt plant (NSC Minerals)
 9. Belle Plaine potash solution mine (The Mosaic Company) and fine salt plant (processes waste salt from potash mine) (K+S Windsor Salt Ltd.)
 10. Bethune mine (K+S Potash Canada)
 11. Unity solution salt mine and plant (Compass Minerals)
 12. Saskatoon chloride-based chemical plant (ERCO Worldwide)
 13. Jansen project
 14. Wynyard project
 15. Milestone project
 16. Albany project
 17. Muskowekwan project
 18. Foam Lake project
 19. Southey project
- **SODIUM SULFATE**
1. Aroma Lake deposit
 2. Whiteshore Lake (Palo) deposit
 3. Lydden Lake deposit
 4. Muskiki Lake deposit
 5. Berry Lake deposit
 6. Little Manitou Lake deposit
 7. Bitter Lake deposit
 8. Ingebrigt Lake plant (closed)
 9. Vincent Lake deposit
 10. Snakehole Lake plant (closed)
 11. Verlo East deposit
 12. Ceylon Lake (Salt Lake) deposit
 13. Chaplain Lake plant (Sask. Minerals)
 14. Frederick Lake (Bishopric) plant (closed)
 15. Horseshoe (Shoe) Lake plant (closed)
 16. Sybouts East (East Coteau Lake) plant (closed)
- **POTASSIUM SULFATE**
1. Alsask Lake plant (closed)
 2. Big Quill Lake plant (Compass Minerals)
- **MAGNESIUM SULFATE**
1. Beechy plant (Touchwood Resources)
- **CLAY RESOURCES**
1. Saskatoon clay quarry and plant (Cindercrete Products Ltd.)
 2. Ravenscrag clay quarry (brick) (I-XL Industries Ltd.)
 3. PR-1 and PR-3 clay deposits (stoneware)
 4. Eastend clay deposit
 5. Frenchman clay prospect
 6. Wood Mountain - Fir Mountain kaolin prospect
 7. Flintoft clay pit (refractory and ball clay) (closed)
 8. Gollier Creek kaolin quarry (Whitemud Resources Ltd.)
 9. Rockglen clay pit (brick clay)
 10. St. Victor bentonite deposit (swelling bentonite)
 11. Readlyn ball clay deposit and Willows clay pit (refractory and ball clay)
 12. A.P. Green Claybank brick plant (closed)
 13. Trux bentonite quarry (Canadian Clay Products Inc.)
 14. Wilcox bentonite plant (Canadian Clay Products Inc.)
 15. Willow Bunch clinker quarry (Colored Shale Products Inc.)
- **COAL AND PEAT**
1. Poplar River coal mine (Westmoreland Coal Company)
 2. Estevan coal mine (Westmoreland Coal Company)
 3. Hudson Bay area coal deposits
 4. Lac La Ronge lignite (sub-bituminous) deposit
 5. Carrot River peat moss mine (Premier Tech Horticulture)
 6. Carrot River peat moss plant (Premier Tech Horticulture)
 7. Smokey Ridge peat bog (Premier Tech Horticulture)
 8. Wapa Bay Leonardite quarry (Wapa Bay Resources)
- **BUILDING MATERIALS**
1. Neyrink Lake black and grey granite (diorite) building stone
 2. Sahli green granite building stone
 3. Deschambault marble (dolomite) quarry (Graham Construction)
 4. Mystic Lake "Verde Antique" marble (veined amphibolite) building stone
 5. McNally Lake buckskin marble (dolomite) building stone
 6. Amisk Lake red marble (dolomite) building stone
 7. Waskwei River cement rock deposit
 8. Hudson Bay cement rock deposit
- **SILICA SAND**
1. Bow River silica sand deposit
 2. Nipawemew River silica sand deposit
 3. Wapawekka Lake silica sand deposit
 4. Hanson Lake silica sand deposit
 5. Red Deer River silica sand quarry (Red Deer Silica Inc.)
 6. CanFrac silica sand quarry
- **HELIUM**
1. Mankota plant (Weil Group)
 2. Wilhelm (Canadian Helium)

- LEGEND**
- Uranium potential
 - Base metal potential
 - Gold potential
 - Major peat resource potential
 - Coal field
 - Helium resource potential
 - Oil pool
 - Gas pool
 - Bitumen (oil sands) potential
 - Potash and salt resource area
 - Commercial forestry

- SYMBOLS**
- Edge of Precambrian Shield
 - Precambrian domain boundary and name
 - Major bounding shear zone
 - Road
 - City
 - Town
 - Forest products mill

SCALE

25 0 25 50 75 Kilometres

25 0 25 50 Miles

† Mine = Past and present producing mines
Deposit = Developed prospect with or without calculated reserves/resources - numerous drilling-delineated mineralized intersections (not NI 43-101 compliant in all cases)
Prospect = minimum of three drilling-delineated mineralized intersections

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