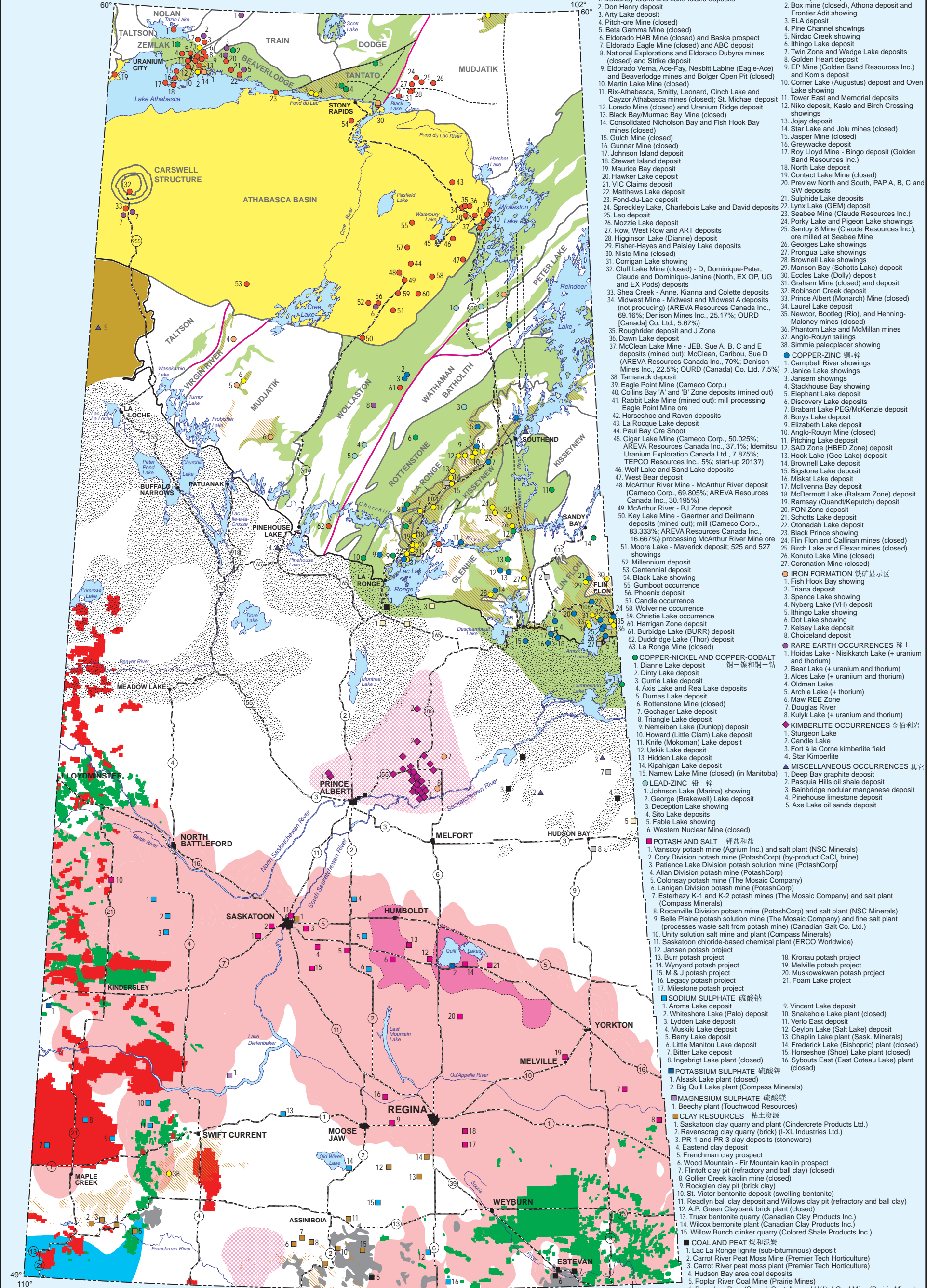




Saskatchewan
Ministry of
Energy and
Resources

MINERAL RESOURCE MAP OF SASKATCHEWAN

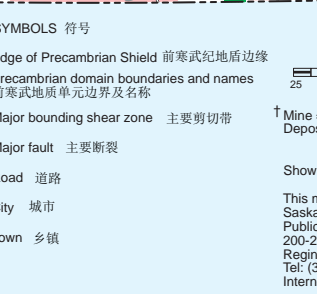
2012 萨斯喀彻温省矿产资源分布图



- KEY TO NUMBERED MINERAL DEPOSITS† 编号矿床图例†**
- URANIUM 铀
 - 1. Dewdney Island and Laird Island deposits
 - 2. Don Henry deposit
 - 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-Athabasca, Smitty, Leonard, Cinch Lake and Cayzor Athabasca mines (closed); St. Michael deposit
 - 12. Lorado Mine (closed) and Uranium Ridge deposit
 - 13. Black Bay/Murmac Bay Mine (closed)
 - 14. Consolidated Nicholson Bay and Fish Hook Bay
 - 15. Gulch Mine (closed)
 - 16. Gunnar Mine (closed)
 - 17. Johnson Island deposit
 - 18. Stewart Island deposit
 - 19. Maurice Bay deposit
 - 20. Hawker Lake deposit
 - 21. VIC Claims deposit
 - 22. Matthews Lake deposit
 - 23. Fond-du-Lac deposit
 - 24. Spreckley Lake, Charlebois Lake and David deposits
 - 25. Leo deposit
 - 26. Mozzie Lake deposit
 - 27. Row, West Row and ART deposits
 - 28. Higginson Lake (Dianne) deposit
 - 29. Fisher-Hayes and Paisley Lake deposits
 - 30. Nisto Mine (closed)
 - 31. Corrigan Lake showing
 - 32. Cliff Lake Mine (closed) - D, Dominique-Peter, Claude and Dominique-Janine (North, EX OP, UG and EX OPs) deposits
 - 33. Shea Creek - Anne, Kianna and Colette deposits
 - 34. Midwest Mine - Midwest and Midwest A deposits (not producing) (AREVA Resources Canada Inc., 69.16%; Denison Mines Inc., 25.17%; OURD [Canada] Co. Ltd., 5.67%)
 - 35. Roughrider deposit and J Zone
 - 36. Dawn Lake deposit
 - 37. McClean Lake Mine - JEB, Sue A, B, C and E deposits (mined out); McClean, Caribou, Sue D (AREVA Resources Canada Inc., 70%; Denison Mines Inc., 22.5%; OURD (Canada) Co. Ltd. 7.5%)
 - 38. Tamarack deposit
 - 39. Eagle Point Mine (Cameco Corp.)
 - 40. Collins Bay 'A' and 'B' Zone deposits (mined out)
 - 41. Rabbit Lake Mine (mined out); mill processing Eagle Point Mine ore
 - 42. Horseshoe and Raven deposits
 - 43. La Rocque Lake deposit
 - 44. Paul Bay Ore Shoot
 - 45. Cigar Lake Mine (Cameco Corp., 50.025%; AREVA Resources Canada Inc., 37.1%; Idemitsu Uranium Exploration Canada Ltd., 7.875%; TEPCO Resources Inc., 5%; start-up 2013?)
 - 46. Wolf Lake and Sand Lake deposits
 - 47. West Bear deposit
 - 48. McArthur River Mine - McArthur River deposit (Cameco Corp., 69.805%; AREVA Resources Canada Inc., 30.195%)
 - 49. McArthur River - BJ Zone deposit
 - 50. 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
 - 51. Moore Lake - Maverick deposit; 525 and 527 showings
 - 52. Millennium deposit
 - 53. Centennial deposit
 - 54. Black Lake showing
 - 55. Gumboot occurrence
 - 56. Phoenix deposit
 - 57. Candle occurrence
 - 58. Wolverine occurrence
 - 59. Christie Lake occurrence
 - 60. Harrigan Zone deposit
 - 61. Burbridge Lake (BURR) deposit
 - 62. Duddridge Lake (Thor) deposit
 - 63. La Ronge Mine (closed)
 - GOLD 金
 - 1. Neeley Lake deposit
 - 2. Box mine (closed), Athona deposit and Frontier Adit showing
 - 3. ELA deposit
 - 4. Pine Channel showings
 - 5. Nirdac Creek showing
 - 6. Ithingo Lake deposit
 - 7. Twin Zone and Wedge Lake deposits
 - 8. Golden Heart deposit
 - 9. EP Mine (Golden Band Resources Inc.) and Komis deposit
 - 10. Corner Lake (Augustus) deposit and Owen Lake showing
 - 11. Tower East and Memorial deposits
 - 12. Niko deposit, Kaslo and Birch Crossing showings
 - 13. Jojay deposit
 - 14. Star Lake and Jolu mines (closed)
 - 15. Jasper Mine (closed)
 - 16. Greywacke deposit
 - 17. Roy Lloyd Mine - Bingo deposit (Golden Band Resources Inc.)
 - 18. North Lake deposit
 - 19. Contact Lake Mine (closed)
 - 20. Preview North and South, PAP A, B, C and SW deposits
 - 21. Sulphide Lake deposits
 - 22. Lynx Lake (GEM) deposit
 - 23. Seabee Mine (Claude Resources Inc.)
 - 24. Porky Lake and Pigeon Lake showings
 - 25. Santory 8 Mine (Claude Resources Inc.); ore milled at Seabee Mine
 - 26. Georges Lake showings
 - 27. Prongua Lake showings
 - 28. Brownell Lake showings
 - 29. Manson Bay (Schotts Lake) deposit
 - 30. Eccles Lake (Dolly) deposit
 - 31. Graham Mine (closed) and deposit
 - 32. Robinson Creek deposit
 - 33. Prince Albert (Monarch) Mine (closed)
 - 34. Laurel Lake deposit
 - 35. Newcor, Bootleg (Rio), and Henning-Maloney mines (closed)
 - 36. Phantom Lake and McMillan mines
 - 37. Anglo-Rouyn tailings
 - 38. Simmie paleoplacer showing
 - COPPER-ZINC 铜-锌
 - 1. Campbell River showings
 - 2. Janice Lake showings
 - 3. Jansen showings
 - 4. Stackhouse Bay showing
 - 5. Elephant Lake deposit
 - 6. Discovery Lake deposits
 - 7. Brabant Lake PEG/McKenzie deposit
 - 8. Borys Lake deposit
 - 9. Elizabeth Lake deposit
 - 10. Anglo-Rouyn Mine (closed)
 - 11. Pitching Lake deposit
 - 12. SAD Zone (HBED Zone) deposit
 - 13. Hook Lake (Gee Lake) deposit
 - 14. Brownell Lake deposit
 - 15. Bigstone Lake deposit
 - 16. Mistak Lake deposit
 - 17. McIlwenna Bay deposit
 - 18. McDermott Lake (Balsam Zone) deposit
 - 19. Ramsay (Quandt/Keutch) deposit
 - 20. FON Zone deposit
 - 21. Schotts Lake deposit
 - 22. Otonadah Lake deposit
 - 23. Black Prince showing
 - 24. Flin Flon and Callinan mines (closed)
 - 25. Birch Lake and Flexar mines (closed)
 - 26. Konuto Lake Mine (closed)
 - 27. Coronation Mine (closed)
 - IRON FORMATION 铁矿显示区
 - 1. Fish Hook Bay showing
 - 2. Triana deposit
 - 3. Spence Lake showing
 - 4. Nyberg Lake (VH) deposit
 - 5. Ithingo Lake showing
 - 6. Dot Lake showing
 - 7. Kelsey Lake deposit
 - 8. Choceland deposit
 - RARE EARTH OCCURRENCES 稀土
 - 1. Hoidas Lake - Nisikatch Lake (+ uranium and thorium)
 - 2. Bear Lake (+ uranium and thorium)
 - 3. Currie Lake deposit
 - 4. Oldman Lake
 - 5. Archie Lake (+ thorium)
 - 6. Maw REE Zone
 - 7. Douglas River
 - 8. Kulyk Lake (+ uranium and thorium)
 - ◆ KIMBERLITE OCCURRENCES 金伯利岩
 - 1. Sturgeon Lake
 - 2. Candle Lake
 - 3. Fort à la Corne kimberlite field
 - 4. Star Kimberlite
 - ▲ MISCELLANEOUS OCCURRENCES 其它
 - 1. Deep Bay graphite deposit
 - 2. Pasquia Hills oil shale deposit
 - 3. Bainbridge nodular manganese deposit
 - 4. Pinehouse limestone deposit
 - 5. Axe Lake oil sands deposit
 - LEAD-ZINC 铅-锌
 - 1. Johnson Lake (Marina) showing
 - 2. George (Brakewell) Lake deposit
 - 3. Deception Lake showing
 - 4. Sito Lake deposits
 - 5. Fable Lake showing
 - 6. Western Nuclear Mine (closed)
 - POTASH AND SALT 钾盐和盐
 - 1. Vanscoy potash mine (Agrum Inc.) and salt plant (NSC Minerals)
 - 2. Cory Division potash mine (PotashCorp) (by-product CaCl₂ brine)
 - 3. Patience Lake Division potash solution mine (PotashCorp)
 - 4. Allan Division potash mine (PotashCorp)
 - 5. Colonsay potash mine (The Mosaic Company)
 - 6. Lanigan Division potash mine (PotashCorp)
 - 7. Esterhazy K-1 and K-2 potash mines (The Mosaic Company) and salt plant (Compass Minerals)
 - 8. Rocanville Division potash mine (PotashCorp) and salt plant (NSC Minerals)
 - 9. Belle Plaine potash solution mine (The Mosaic Company) and fine salt plant (processes waste salt from potash mine) (Canadian Salt Co. Ltd.)
 - 10. Unity solution salt mine and plant (Compass Minerals)
 - 11. Saskatoon chloride-based chemical plant (ERCO Worldwide)
 - 12. Jansen potash project
 - 13. Burr potash project
 - 14. Wynyard potash project
 - 15. M & J potash project
 - 16. Legacy potash project
 - 17. Milestone potash project
 - 18. Kronau potash project
 - 19. Melville potash project
 - 20. Muskowekwan potash project
 - 21. Foam Lake project
 - SODIUM SULPHATE 硫酸钠
 - 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. Chaplin Lake plant (Sask. Minerals)
 - 14. Frederick Lake (Bishopric) plant (closed)
 - 15. Horseshoe (Shoe) Lake plant (closed)
 - 16. Sbyouts East (East Coteau Lake) plant (closed)
 - POTASSIUM SULPHATE 硫酸钾
 - 1. Alsask Lake plant (closed)
 - 2. Big Quill Lake plant (Compass Minerals)
 - MAGNESIUM SULPHATE 硫酸镁
 - 1. Beechy plant (Touchwood Resources)
 - CLAY RESOURCES 粘土资源
 - 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 mine (closed)
 - 9. Rockglen clay pit (brick clay)
 - 10. St. Victor bentonite deposit (swelling bentonite)
 - 11. Readyln clay deposit and Willows clay pit (refractory and ball clay)
 - 12. A.P. Green Claybank brick plant (closed)
 - 13. Truxa 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 煤和泥炭
 - 1. Lac La Ronge lignite (sub-bituminous) deposit
 - 2. Carrot River Peat Moss Mine (Premier Tech Horticulture)
 - 3. Carrot River peat moss plant (Premier Tech Horticulture)
 - 4. Hudson Bay area coal deposits
 - 5. Poplar River Coal Mine (Prairie Mines)
 - 6. Boundary Dam (Shand, Costello, and Utility) Coal Mine (Prairie Mines)
 - 7. Bienfait Coal Mine (Prairie Mines)
 - BUILDING MATERIALS 建材
 - 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
 - 9. Bow River silica sand deposit
 - 10. Nipekamek River silica sand deposit
 - 11. Wapawekka Lake silica sand deposit
 - 12. Hanson Lake silica sand quarry (Preferred Sands Unlimited)
 - 13. Red Deer River silica sand quarry (Red Deer Silica Inc.)

- LEGEND 图例**
- Yellow box: Uranium potential 铀矿潜力区
 - Green box: Base metal potential 贱金属矿潜力区
 - Orange box: Gold potential 金矿潜力区
 - Pink box: Diamond potential 钻石资源区
 - Blue box: Major peat resource potential 主要泥炭资源潜力区
 - Light blue box: Carbon dioxide (CO₂) resource potential 二氧化碳(CO₂)资源潜力区
 - Dark green box: Oil pool 油田
 - Red box: Gas pool 天然气田
 - Light green box: Oil sands potential 油砂潜力区
 - Dark red box: Coal field 煤田
 - Light red box: Potash and salt resource areas 钾盐和盐资源区
 - Light purple box: Carnallitic regions (magnesium) 光卤石(镁盐)显示区

- SYMBOLS 符号**
- Black line: Edge of Precambrian Shield 前寒武纪地盾边缘
 - Grey line: Precambrian domain boundaries and names 前寒武纪地盾单元边界及名称
 - Red line: Major bounding shear zone 主要剪切带
 - Black dashed line: Major fault 主要断裂
 - Black circle: Road 道路
 - Black square: City 城市
 - Black dot: Town 乡镇



† Mine = Past, present, and test producing mines
Deposit = Deposits (calculated reserves - resources not 43-101 compliant in all cases) and developed prospects (drilling delineated mineralization)
Showing = Mineral occurrence with assays

This map is available from:
Saskatchewan Ministry of Energy and Resources
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