

Reserves Data

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The report data sets are available to download in excel (xlsx) format using the download button. The report figures are available in Tableau format by clicking on the Figure numbers listed below. The report tables are available in HTML format by clicking on the Table numbers listed below.

AER staff developed the databases used to estimate the reserves for this report and the electronic data file for the basic data tables that accompanies this report are available for purchase in the Product Catalogue (<http://www1.aer.ca/ProductCatalogue/32.html>)

Note: On crude bitumen reserves thickness maps: Bitumen thickness maps are also available in a shapefile and GeoTIFF format. Shapefiles are designed to be viewed using any geographic information system tool. GeoTIFFs contains geographic data that position the image in the correct location in the world, and can be viewed in any geographic information system software.

Tableau is an interactive data visualization tool that allows users to further filter and alter the visualization of the report figures.

Reserves Framework

Download Reserves Framework Data (xlsx) (http://www1.aer.ca/st98/data/reserves/ST98-2016_Reserves.xlsx)

Figure Number

Figure R11

(https://www2.aer.ca/t/Production/views/FigureR1_1ResourceClassification/FigureR1_1ResourceClassification?embed=y&showShareOptions=true&display_count=no)

Title

Resource

Classification

Resource Endowment

Download Resource Endowment Data (xlsx) (http://www1.aer.ca/st98/data/reserves/ST98-2016_ResourceEndowment.xlsx)

Figure Number

Figure 2.1

(https://www2.aer.ca/t/Production/views/ResourceEndowmentFigure2_1BasinalelementsoftheWesternCanadaSedimentaryBasin/ResourceEndowmentFigure2_1BasinalelementsoftheWesternCanadaSedimentaryBasin)

Figure 2.2 (https://www2.aer.ca/t/Production/views/ResourceEndowmentFigure2_2GeologicalevolutionofAlberta/ResourceEndowmentFigure2_2GeologicalevolutionofAlberta)

Crude Bitumen

Figure Number

Figure R3.1 (https://www2.aer.ca/t/Production/views/CrudeBitumenFigureR3_1Albertasoilsandsareasandselectdeposits/FigureR3_1Albertasoilsandsareasandselectdeposits?.eml)

Figure R3.2 (https://www2.aer.ca/t/Production/views/CrudeBitumenFigureR3_2Remainingestablishedreservesunderactivedevelopment/FigureR3_2Remainingestablishedreserv)

Figure R3.3 (https://www2.aer.ca/t/Production/views/CrudeBitumenFigureR3_3Reconstructedstructurecontoursofthesub-CretaceousunconformityattheendofBluesky-Wabiskaw/CretaceousunconformityattheendofBlueskyWabiskawtime?embed=y&:showShareOptions=true&:display_count=no)

Figure R3.4 (https://www2.aer.ca/t/Production/views/CrudeBitumenFigureR3_4BitumenpaythicknessofPeaceRiverBluesky-Gethingdeposit/FigureR3_4BitumenpaythicknessofPe)

Figure R3.5 (https://www2.aer.ca/t/Production/views/CrudeBitumenFigureR3_5BitumenpaythicknessofAthabascaGrosmontdeposit/FigureR3_5BitumenpaythicknessofAthabasca)

Figure R3.6 (https://www2.aer.ca/t/Production/views/CrudeBitumenFigureR3_6BitumenpaythicknessofAthabascaWabiscaw-McMurraydeposit/FigureR3_6Bitumenpaythicknessof)

Figure R3.7 (https://www2.aer.ca/t/Production/views/CrudeBitumenFigureR3_7BitumenpaythicknessofAthabascaUpperGrandRapidsdeposit/FigureR3_7Bitumenpaythicknessof)

Figure R3.8 (https://www2.aer.ca/t/Production/views/CrudeBitumenFigureR3_8BitumenpaythicknessofAthabascaMiddleGrandRapidsdeposit/FigureR3_8Bitumenpaythicknessof)

Figure R3.9 (https://www2.aer.ca/t/Production/views/CrudeBitumenFigureR3_9BitumenpaythicknessofAthabascaLowerGrandRapidsdeposit/FigureR3_9Bitumenpaythicknessof)

Figure R3.10 (https://www2.aer.ca/t/Production/views/CrudeBitumenFigureR3_10BitumenpaythicknessofAthabascaNiskudeposit/FigureR3_10BitumenpaythicknessofAthabasca)

Figure R3.11 (https://www2.aer.ca/t/Production/views/CrudeBitumenFigureR3_11ReconstructedstructurecontoursofPaleozoicsurfaceatbeginningofColdLakeClearwatertime/FigureR3_11Recon)

Figure R3.12 (https://www2.aer.ca/t/Production/views/CrudeBitumenFigureR3_12BitumenpaythicknessofnorthernportionofColdLakeWabiskaw-McMurraydeposit/FigureR3_12Bitu)

Figure R3.13 (https://www2.aer.ca/t/Production/views/CrudeBitumenFigureR3_13BitumenpaythicknessofColdLakeClearwaterdeposit/FigureR3_13BitumenpaythicknessofColdLal)

Figure R3.14 (https://www2.aer.ca/t/Production/views/CrudeBitumenFigureR3_14BitumenpaythicknessofColdLakeLowerGrandRapidsdeposit/FigureR3_14Bitumenpaythicknessof)

Figure R3.15 (https://www2.aer.ca/t/Production/views/CrudeBitumenFigureR3_15BitumenpaythicknessofColdLakeUpperGrandRapidsdeposit/FigureR3_15Bitumenpaythicknessof)

Figure R3.16 (http://www1.aer.ca/st98/data/crude_bitumen/ST98-2016_CrudeBitumen_ShapeFiles.zip)

Figure R3.17 (http://www1.aer.ca/st98/data/crude_bitumen/ST98-2016_CrudeBitumen_GeoTiffFiles.zip)

Table R3.1 (http://www1.aer.ca/st98/tables/crude_bitumen/table_R3_1.html)

Table R3.2 (http://www1.aer.ca/st98/tables/crude_bitumen/table_R3_2.html)

Table R3.3 (http://www1.aer.ca/st98/tables/crude_bitumen/table_R3_3.html)

Table R3.4 (http://www1.aer.ca/st98/tables/crude_bitumen/table_R3_4.html)

Table R3.5 (http://www1.aer.ca/st98/tables/crude_bitumen/table_R3_5.html)

Table R3.6 (http://www1.aer.ca/st98/tables/crude_bitumen/table_R3_6.html)

Table R3.7 (http://www1.aer.ca/st98/tables/crude_bitumen/table_R3_7.html)

Table R3.7.1 (http://www1.aer.ca/st98/data/crude_bitumen/BitumenPayThicknessDiscussion.pdf)

Crude Oil

[Download Crude Oil Data \(xlsx\) \(http://www1.aer.ca/st98/data/reserves/ST98-2016_CrudeOil_Reserves.xlsx\)](#)

Figure Number

Figure R4.1 (https://www2.aer.ca/t/Production/views/CrudeOilFigureR4_1Remainingestablishedreservesofcrudeoil/FigureR4_1RemainingestablishedreservesofcrudeoilDashboard)

Figure R4.2 (https://www2.aer.ca/t/Production/views/CrudeOilFigureR4_2Annualchangesininitialestablishedcrudeoilreserves/FigureR4_2Annualchangesininitialestablishedcrudeoilreserves)

Figure R4.3 (https://www2.aer.ca/t/Production/views/CrudeOilFigureR4_3AnnualchangestoEORreserves/FigureR4_3AnnualchangestoEORreserves?embed=y&showShareOptions=1)

Figure R4.4 (https://www2.aer.ca/t/Production/views/CrudeOilFigureR4_4Initialestablishedcrudeoilreservesbasedonrecoverymechanisms/FigureR4_4Initialestablishedcrudeoilreservesbasedonrecoverymechanisms)

Figure R4.5 (https://www2.aer.ca/t/Production/views/CrudeOilFigureR4_5Geologicaldistributionofreservesofcrudeoil/FigureR4_5GeologicaldistributionofreservesofcrudeoilDashboard)

Figure R4.6 (https://www2.aer.ca/t/Production/views/CrudeOilFigureR4_6Albertasremainingestablishedconventionaloilreservesversuscumulativeproduction/FigureR4_6Albertasremainingestablishedconventionaloilreservesversuscumulativeproduction)

Table R4.1 (http://www1.aer.ca/st98/tables/crude_oil/table_R4_1.html)

Table R4.2 (http://www1.aer.ca/st98/tables/crude_oil/table_R4_2.html)

Table R4.3 (http://www1.aer.ca/st98/tables/crude_oil/table_R4_3.html)

Table R4.4 (http://www1.aer.ca/st98/tables/crude_oil/table_R4_4.html)

Table R4.5 (http://www1.aer.ca/st98/tables/crude_oil/table_R4_5.html)

Table R4.6 (<http://www1.aer.ca/ProductCatalogue/32.html>)

Natural Gas

[Download Natural Gas Data \(xlsx\) \(http://www1.aer.ca/st98/data/reserves/ST98-2016_NaturalGas_Reserves.xlsx\)](http://www1.aer.ca/st98/data/reserves/ST98-2016_NaturalGas_Reserves.xlsx)

Figure Number

Figure R5.1 (https://www2.aer.ca/t/Production/views/NaturalGasFigureR5_1Annualreservesadditionsandproductionofconventionalmarketablegas/FigureR5_1Annualreservesadditionsandproductionofconventionalmarketablegas)

Figure R5.2 (https://www2.aer.ca/t/Production/views/NaturalGasFigureR5_2Remainingconventionalmarketablegasreserves/NaturalGasFigureR5_2Remainingconventionalmarketablegasreserves)

Figure R5.3 (https://www2.aer.ca/t/Production/views/NaturalGasFigureR5_3Newdevelopmentandrevisionstoconventionalmarketablegasreserves/NaturalGasFigureR5_3Newdevelopmentandrevisionstoconventionalmarketablegasreserves)

Figure R5.4 (https://www2.aer.ca/t/Production/views/NaturalGasFigureR5_4Geologicaldistributionofconventionalmarketablegasreserves/NaturalGasFigureR5_4Geologicaldistributionofconventionalmarketablegasreserves)

Figure R5.5 (https://www2.aer.ca/t/Production/views/NaturalGasFigureR5_5AlbertasourgaswellsCretaceoustoPermianclastics/NaturalGasFigureR5_5AlbertasourgaswellsCretaceoustoPermianclastics)

Figure R5.6 (https://www2.aer.ca/t/Production/views/NaturalGasFigureR5_6AlbertasourgaswellsMississippianandDevoniancarbonates/NaturalGasFigureR5_6AlbertasourgaswellsMississippianandDevoniancarbonates)

Figure R5.7 (https://www2.aer.ca/t/Production/views/NaturalGasFigureR5_7Expectedrecoveryofconventionalnaturalgascomponents/NaturalGasFigureR5_7Expectedrecoveryofconventionalnaturalgascomponents)

Figure R5.8 (https://www2.aer.ca/t/Production/views/NaturalGasFigureR5_8CBMdepositplayareasandsubareas/NaturalGasFigureR5_8CBMdepositplayareasandsubareas?embed)

Table R5.1 (http://www1.aer.ca/st98/tables/natural_gas/table_R5_1.html)

Table R5.2 (http://www1.aer.ca/st98/tables/natural_gas/table_R5_2.html)

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Table R5.4 (http://www1.aer.ca/st98/tables/natural_gas/table_R5_4.html)

Table R5.5 (http://www1.aer.ca/st98/tables/natural_gas/table_R5_5.html)

Table R5.6 (http://www1.aer.ca/st98/tables/natural_gas/table_R5_6.html)

Table R5.7 (http://www1.aer.ca/st98/tables/natural_gas/table_R5_7.html)

Table R5.8 (http://www1.aer.ca/st98/tables/natural_gas/table_R5_8.html)

Table R5.9 (http://www1.aer.ca/st98/tables/natural_gas/table_R5_9.html)

Table R5.10 (http://www1.aer.ca/st98/tables/natural_gas/table_R5_10.html)

Table R5.11 (http://www1.aer.ca/st98/tables/natural_gas/table_R5_11.html)

Table R5.12 (http://www1.aer.ca/st98/tables/natural_gas/table_R5_12.html)

Table R5.13 (http://www1.aer.ca/st98/tables/natural_gas/table_R5_13.html)

Table R5.14 (<http://www1.aer.ca/ProductCatalogue/32.html>)

Natural Gas Liquids

Download Natural Gas Liquids Data (xlsx) (http://www1.aer.ca/st98/data/reserves/ST98-2016_NGL_Reserves.xlsx)

Figure Number

Figure R6.1
(https://www2.aer.ca/t/Production/views/NaturalgasliquidsFigureR6_1RemainingestablishedNGLreservesexpectedtobeextractedfromconventionalgasandannualproduction/NGL)

Figure R6.2 (https://www2.aer.ca/t/Production/views/NaturalgasliquidsFigureR6_2Remainingestablishedreservesofconventionalnaturalgasliquids/NGLsFigureR6_2Remaininges)

Table R6.1 (http://www1.aer.ca/st98/tables/natural_gas_liquids/table_R6_1.html)

Table R6.2 (http://www1.aer.ca/st98/tables/natural_gas_liquids/table_R6_2.html)

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Table R6.4 (http://www1.aer.ca/st98/tables/natural_gas_liquids/table_R6_4.html)

Sulphur

Figure Number

Table R7.1 (http://www1.aer.ca/st98/tables/sulphur/table_R7_1.html)
Table R7.2 (http://www1.aer.ca/st98/tables/sulphur/table_R7_2.html)

Title

Reserves and production of sulphur as of December 31, 2015 (10⁶ t)
Remaining established reserves of sulphur from natural gas as of December 31, 2015

Coal

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Figure Number

Figure R8.1 (https://www2.aer.ca/t/Production/views/CoalFigureR8_1Significantcoal-bearingformationsinAlberta/FigureR8_1Significantcoal-bearingformationsinAlberta?embed=y&:showShareOptions=true&:display_count=no)

Figure R8.2
(https://www2.aer.ca/t/Production/views/CoalFigureR8_2HistoricalcoalexplorationinAlberta/CoalFigureR8_2HistoricalcoalexplorationinAlberta?embed=y&:showShareOptions=t)

Table R8.1 (http://www1.aer.ca/st98/tables/coal/table_R8_1.html)

Table R8.2 (http://www1.aer.ca/st98/tables/coal/table_R8_2.html)

Table R8.3 (http://www1.aer.ca/st98/tables/coal/table_R8_3.html)