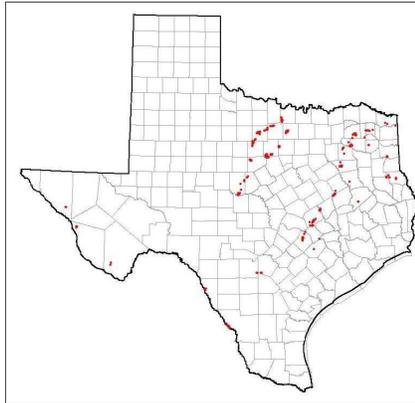


## TX\_Hist\_CoalSites

### Shapefile



### Tags

historical coal mining in Texas

### Summary

Provide locations of historical coal mining activities in Texas (pre-1977).

### Description

Historical Coal Sites in Texas - compiled data set from Texas Mine Land Inventory Database (12,107 records), Coal Mine Inventory database (292 records), USGS MM41 publication, an annotated bibliography, and other literature.

### Credits

There are no credits for this item.

### Use limitations

There are no access and use limitations for this item.

### Extent

**West** -105.238038    **East** -94.068401  
**North** 33.625319    **South** 27.561576

### Scale Range

**Maximum (zoomed in)** 1:5,000  
**Minimum (zoomed out)** 1:150,000,000

## ArcGIS Metadata ►

### Topics and Keywords ►

\* CONTENT TYPE Downloadable Data

[Hide Topics and Keywords ▲](#)

### Citation ►

\* TITLE TX\_Hist\_CoalSites  
 ALTERNATE TITLES Historical Coal Sites in Texas

CREATION DATE 2007-01-17 12:00:00  
 PUBLICATION DATE 2007-02-08 00:00:00  
 REVISION DATE 2014-01-10 00:00:00

EDITION DATE 2014-01-10

PRESENTATION FORMATS \* digital map  
 FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

[Hide Citation ▲](#)

## Citation Contacts ►

### RESPONSIBLE PARTY

INDIVIDUAL'S NAME Jon Brandt, P.G.  
 ORGANIZATION'S NAME Raliroad Commission of Texas, Surface Mining and Reclamation Division,  
 Abandoned Mine Land Program  
 CONTACT'S POSITION Geoscientist  
 CONTACT'S ROLE originator

### CONTACT INFORMATION ►

PHONE  
 VOICE 512-463-7313  
 FAX 512-463-6709

### ADDRESS

TYPE physical  
 DELIVERY POINT 1701 North Congress Avenue  
 CITY Austin  
 ADMINISTRATIVE AREA Texas  
 POSTAL CODE 78701  
 COUNTRY US  
 E-MAIL ADDRESS [jon.brandt@rrc.state.tx.us](mailto:jon.brandt@rrc.state.tx.us)

HOURS OF SERVICE 8:00 - 17:00, M-F

### CONTACT INSTRUCTIONS

If unable to reach Jon Brandt, please ask for Mark Rhodes, AML Program Manager,  
 or John Caudle, P.E., Division Director

[Hide Contact information ▲](#)

[Hide Citation Contacts ▲](#)

## Resource Details ►

DATASET LANGUAGES \* English (UNITED STATES)  
 DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS historical archive  
 SPATIAL REPRESENTATION TYPE \* vector

\* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS  
 10.1.1.3143

### ARCGIS ITEM PROPERTIES

\* NAME TX\_Hist\_CoalSites

\* SIZE 0.010  
 \* LOCATION file:///\\rrc4av-fpw2  
 \sm\AML\INVENTORY.TML\CoalMine\_Inventory\_GIS\FilesForPublicInfo\TX\_Hist\_CoalSites.shp  
 \* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

## Extents ►

### EXTENT

#### DESCRIPTION

Historical coal sites within the State of Texas, United States of America

#### TEMPORAL EXTENT

BEGINNING DATE 1977-08-17 00:00:00

ENDING DATE 2014-01-10 00:00:00

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -105.238038

\* EAST LONGITUDE -94.068401

\* NORTH LATITUDE 33.625319

\* SOUTH LATITUDE 27.561576

\* EXTENT CONTAINS THE RESOURCE Yes

### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 1014244.426714

\* EAST LONGITUDE 2050189.905080

\* SOUTH LATITUDE 7063283.380239

\* NORTH LATITUDE 7722746.496600

\* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

## Resource Points of Contact ►

### POINT OF CONTACT

INDIVIDUAL'S NAME Jon Brandt, P.G.

ORGANIZATION'S NAME Raliroad Commission of Texas, Surface Mining and Reclamation Division, Abandoned Mine Land Program

CONTACT'S POSITION Geoscientist

CONTACT'S ROLE originator

#### CONTACT INFORMATION ►

##### PHONE

VOICE 512-463-7313

FAX 512-463-6709

##### ADDRESS

TYPE physical

DELIVERY POINT 1701 North Congress Avenue

CITY Austin

ADMINISTRATIVE AREA Texas

POSTAL CODE 78701

COUNTRY US

E-MAIL ADDRESS [jon.brandt@rrc.state.tx.us](mailto:jon.brandt@rrc.state.tx.us)

HOURS OF SERVICE 8:00 - 17:00, M-F

CONTACT INSTRUCTIONS

If unable to reach Jon Brandt, please ask for Mark Rhodes, AML Program Manager, or John Caudle, P.E., Division Director

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

## Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

[Hide Resource Maintenance ▲](#)

## Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

This product of the Railroad Commission of Texas, Surface Mining and Reclamation Division, is intended to provide general information only and should not be used for any other purpose. It is not intended for resale or to replace site-specific investigations. These data were compiled by the Railroad Commission of Texas, which reserves the publication rights to this material. If these data are used in the compilation of other data sets or maps for distribution or publication, this source must be referenced. Neither the Railroad Commission of Texas, nor any agency thereof, nor any of their employees, contractors, or subcontractors, make any warranty, express or implied, nor assume any legal liability or responsibility for the accuracy, completeness, or usefulness of this product. Any use thereof for a purpose other than for which said information or product was intended shall be solely at the risk of the user

[Hide Resource Constraints ▲](#)

## Spatial Reference ►

ARCGIS COORDINATE SYSTEM

\* TYPE Projected

\* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983

\* PROJECTION NAD\_1983\_Texas\_Centric\_Mapping\_System\_Albers

\* COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102601

X ORIGIN -17170300

Y ORIGIN -691300

XY SCALE 241217314.52469939

Z ORIGIN -100000

Z SCALE 10000

M ORIGIN -100000

M SCALE 10000

XY TOLERANCE 0.001

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 3083  
 WELL-KNOWN TEXT PROJCS["NAD\_1983\_Texas\_Centric\_Mapping\_System\_Albers",GEOGCS  
 ["GCS\_North\_American\_1983",DATUM["D\_North\_American\_1983",SPHEROID  
 ["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT  
 ["Degree",0.0174532925199433]],PROJECTION["Albers"],PARAMETER  
 ["False\_Easting",1500000.0],PARAMETER["False\_Northing",6000000.0],PARAMETER  
 ["Central\_Meridian",-100.0],PARAMETER["Standard\_Parallel\_1",27.5],PARAMETER  
 ["Standard\_Parallel\_2",35.0],PARAMETER["Latitude\_Of\_Origin",18.0],UNIT  
 ["Meter",1.0],AUTHORITY["EPSG",3083]]

#### REFERENCE SYSTEM IDENTIFIER

\* VALUE 3083  
 \* CODESPACE EPSG  
 \* VERSION 7.11.2

[Hide Spatial Reference ▲](#)

## Spatial Data Properties ►

#### VECTOR ►

\* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

#### GEOMETRIC OBJECTS

FEATURE CLASS NAME TX\_Hist\_CoalSites  
 \* OBJECT TYPE point  
 \* OBJECT COUNT 353

[Hide Vector ▲](#)

#### ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME TX\_Hist\_CoalSites  
 \* FEATURE TYPE Simple  
 \* GEOMETRY TYPE Point  
 \* HAS TOPOLOGY FALSE  
 \* FEATURE COUNT 353  
 \* SPATIAL INDEX FALSE  
 \* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

## Data Quality ►

#### SCOPE OF QUALITY INFORMATION ►

RESOURCE LEVEL attribute

#### SCOPE DESCRIPTION

ATTRIBUTES RelConfid

FEATURE INSTANCES RelConfid – relative confidence in the accuracy of the site’s coordinates:

High - actual site probably within 25 feet of database coordinates; Medium - actual site probably within 100 feet of database coordinates; Low - actual site probably within 500 feet of database coordinates; Very low - actual site probably within 1000 feet of database coordinates; and Unknown - specific site location unknown; best estimate of coordinates

ATTRIBUTE INSTANCES High, Medium, Low, Very Low, Unknown

[Hide Scope of quality information ▲](#)

Hide Data Quality ▲

## Geoprocessing history ►

### PROCESS

PROCESS NAME DefineProjection\_1  
 DATE 2005-10-18 17:07:57  
 TOOL LOCATION C:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\DefineProjection  
 COMMAND ISSUED  
 DefineProjection G:\INVENTORY.TML\COALINV\CoalInv\_Data.shp GEOGCS  
 ['GCS\_North\_American\_1927',DATUM['D\_North\_American\_1927',SPHEROID  
 ['Clarke\_1866',6378206.4,294.9786982]],PRIMEM['Greenwich',0.0],UNIT  
 ['Degree',0.0174532925199433]] G:\INVENTORY.TML\COALINV\CoalInv\_Data.shp  
 INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

### PROCESS

PROCESS NAME DefineProjection\_1  
 DATE 2005-10-19 14:50:34  
 TOOL LOCATION C:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\DefineProjection  
 COMMAND ISSUED  
 DefineProjection G:\INVENTORY.TML\CoalMine\_Inventory\_GIS\CoalInv\_Data.shp GEOGCS  
 ['GCS\_North\_American\_1927',DATUM['D\_North\_American\_1927',SPHEROID  
 ['Clarke\_1866',6378206.4,294.9786982]],PRIMEM['Greenwich',0.0],UNIT  
 ['Degree',0.0174532925199433]]  
 G:\INVENTORY.TML\CoalMine\_Inventory\_GIS\CoalInv\_Data.shp  
 INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

### PROCESS

PROCESS NAME DefineProjection\_1  
 DATE 2005-11-09 11:00:35  
 TOOL LOCATION C:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\DefineProjection  
 COMMAND ISSUED  
 DefineProjection G:\INVENTORY.TML\CoalMine\_Inventory\_GIS\CoalInv\_Data.shp GEOGCS  
 ['GCS\_North\_American\_1927',DATUM['D\_North\_American\_1927',SPHEROID  
 ['Clarke\_1866',6378206.4,294.9786982]],PRIMEM['Greenwich',0.0],UNIT  
 ['Degree',0.0174532925199433]]  
 G:\INVENTORY.TML\CoalMine\_Inventory\_GIS\CoalInv\_Data.shp  
 INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

### PROCESS

PROCESS NAME Project\_2  
 DATE 2006-01-06 11:06:07  
 TOOL LOCATION C:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Project  
 COMMAND ISSUED  
 Project G:\INVENTORY.TML\CoalMine\_Inventory\_GIS\CoalInv\_Data.shp  
 G:\INVENTORY.TML\CoalMine\_Inventory\_GIS\CoalInv\_Data\_TCMS.shp PROJCS  
 ['NAD\_1983\_Texas\_Centric\_Mapping\_System\_Albers',GEOGCS  
 ['GCS\_North\_American\_1983',DATUM['D\_North\_American\_1983',SPHEROID  
 ['GRS\_1980',6378137.0,298.257222101]],PRIMEM['Greenwich',0.0],UNIT  
 ['Degree',0.0174532925199433]],PROJECTION['Albers'],PARAMETER  
 ['False\_Easting',1500000.0],PARAMETER['False\_Northing',6000000.0],PARAMETER  
 ['Central\_Meridian',-100.0],PARAMETER['Standard\_Parallel\_1',27.5],PARAMETER  
 ['Standard\_Parallel\_2',35.0],PARAMETER['Latitude\_Of\_Origin',18.0],UNIT

['Meter',1.0]] NAD\_1927\_To\_NAD\_1983\_NADCON  
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

PROCESS NAME  
DATE 2013-04-17 09:57:45  
TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management  
Tools.tbx\CalculateField  
COMMAND ISSUED  
CalculateField CoalInv\_Data\_TCMS MineType " " VB #  
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

PROCESS NAME  
DATE 2013-04-17 09:58:02  
TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management  
Tools.tbx\CalculateField  
COMMAND ISSUED  
CalculateField CoalInv\_Data\_TCMS MineType " " VB #  
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

PROCESS NAME  
DATE 2013-04-17 10:10:22  
TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management  
Tools.tbx\CalculateField  
COMMAND ISSUED  
CalculateField CoalInv\_Data\_TCMS CoalType "Lignite" VB #  
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

PROCESS NAME  
DATE 2013-05-03 11:50:42  
TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management  
Tools.tbx\CalculateField  
COMMAND ISSUED  
CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #  
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

PROCESS NAME  
DATE 2013-05-06 09:33:02  
TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management  
Tools.tbx\CalculateField  
COMMAND ISSUED  
CalculateField CoalInv\_Data\_TCMS Priority "N" VB #  
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

PROCESS NAME  
DATE 2013-05-06 09:41:20  
TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management  
Tools.tbx\CalculateField  
COMMAND ISSUED  
CalculateField CoalInv\_Data\_TCMS Priority "N" VB #  
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-05-06 14:57:17

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS Priority "N" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-05-06 16:42:49

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-05-08 14:29:58

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS Mine\_Info "Unknown mine name, underground, lignite" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-05-08 14:30:23

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS Mine\_Name "Unknown mine name" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-05-08 15:03:28

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-05-09 11:57:50

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-05-09 13:09:33

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management

## Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #  
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-05-09 13:29:44

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management  
Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #  
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-05-14 17:01:59

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management  
Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #  
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-05-17 10:31:23

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management  
Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #  
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-05-17 11:32:36

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management  
Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #  
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-05-17 13:01:00

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management  
Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS InfoSource "Warwick et al., 2002" VB #  
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-05-17 13:35:33

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management  
Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #  
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

PROCESS NAME

DATE 2013-05-17 14:23:44

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

PROCESS NAME

DATE 2013-05-17 14:34:36

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

PROCESS NAME

DATE 2013-05-20 10:19:28

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

PROCESS NAME

DATE 2013-07-09 15:04:04

TOOL LOCATION c:\program files\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

PROCESS NAME

DATE 2013-08-09 14:34:46

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

PROCESS NAME

DATE 2013-08-15 13:10:56

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS RelConfid [RelAccur] VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

PROCESS NAME

DATE 2013-08-15 13:22:43

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-08-15 15:13:37

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS ReinvSite "Y" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-08-20 09:51:24

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS Verif\_Type "None" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-08-22 09:23:37

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS Verif\_Type "Site Visit" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-08-22 09:24:37

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS Verif\_Type "Air Photo" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-08-22 11:14:40

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS FieldEval "N" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-08-22 15:35:34

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS P\_Info [Notes] VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS

PROCESS NAME

DATE 2013-08-23 10:47:30

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS SITE\_ID "N/A" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS

PROCESS NAME

DATE 2013-08-23 10:48:02

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS SITE\_NUMBE "N/A" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS

PROCESS NAME

DATE 2013-08-23 10:48:33

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS Period "N/A" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS

PROCESS NAME

DATE 2013-08-23 11:22:37

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS USGS\_Quad "ALBA" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS

PROCESS NAME

DATE 2013-08-23 13:02:45

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS Notes\_2013 "Small gob pile;mine opening access?" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS

PROCESS NAME

DATE 2013-08-23 13:02:58

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS 2013\_AMLIS "GO; MO" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS

## PROCESS NAME

DATE 2013-08-23 13:03:21

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS 2013\_AMLIS "WA" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-08-23 16:25:20

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS HighPrior "Y" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-11-07 11:08:29

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS Notes\_EV13 [2013EVNote] VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2013-11-26 15:47:25

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField CoalInv\_Data\_TCMS SiteNotes "[Notes] &amp; [Mine\_Info]" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

*Hide Geoprocessing history ▲***Distribution ►**

## DISTRIBUTOR ►

## AVAILABLE FORMAT

\* NAME Shapefile

VERSION January 2014

## TRANSFER OPTIONS

\* TRANSFER SIZE 0.009

## ONLINE SOURCE

\* LOCATION file:///\\WIND\D1

\SHARE\SM\AML\INVENTORY.TML\CoalMine\_Inventory\_GIS\CoalInv\_Data\_TCMS.shp

\* ACCESS PROTOCOL Local Area Network

\* DESCRIPTION Downloadable Data

*Hide Distributor ▲*

## DISTRIBUTION FORMAT

\* NAME Shapefile

VERSION January 2014

TRANSFER OPTIONS

\* TRANSFER SIZE 0.010

[Hide Distribution ▲](#)

## Fields ►

DETAILS FOR OBJECT TX\_Hist\_CoalSites ►

\* TYPE Feature Class

\* ROW COUNT 353

DEFINITION

Historical coal mine locations in Texas, Texas-Centric Mapping System

DEFINITION SOURCE

Railroad Commission of Texas, Surface Mining and Reclamation Division

FIELD FID ►

\* ALIAS FID

\* DATA TYPE OID

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Internal feature number.

\* DESCRIPTION SOURCE

ESRI

\* DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

[Hide Field FID ▲](#)

FIELD Shape ►

\* ALIAS Shape

\* DATA TYPE Geometry

\* WIDTH 0

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Feature geometry.

\* DESCRIPTION SOURCE

ESRI

\* DESCRIPTION OF VALUES Coordinates defining the features.

[Hide Field Shape ▲](#)

FIELD SITE\_ID ►

\* ALIAS SITE\_ID

\* DATA TYPE String

\* WIDTH 14

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Coal Inventory site - ID established with the Finley et al. inventory report from October 1979. Unique mine site identification number comprised of 4 parts:  
 First part - first or first and second letters of the county. Examples: B - Brown County; Ea - Eastland County; and Er - Erath County.  
 Second part - first or first and second letters of U.S. Geological Survey (USGS) quadrangle name. Example: N - Newcastle.  
 Third part - in which quadrant of the USGS quadrangle the site is located  
 Fourth part - number of the site on that quadrangle map  
 Example of Site ID: Bx/S-4-2 Site located in Bexar County, Somerset quadrangle, fourth quadrant, and is the second site found in that quadrangle.

DESCRIPTION SOURCE

Railroad Commission of Texas, Surface Mining and Reclamation Division

DESCRIPTION OF VALUES Coal Inventory site - ID established with the Finley et al. inventory report from October 1979. Unique mine site identification number comprised of 4 parts: First part - first or first and second letters of the county. Examples: B - Brown County; Ea - Eastland County; and Er - Erath County. Second part - first or first and second letters of U.S. Geological Survey (USGS) quadrangle name. Example: N - Newcastle. Third part - in which quadrant of the USGS quadrangle the site is located Fourth part - number of the site on that quadrangle map Example of Site ID: Bx/S-4-2 Site located in Bexar County, Somerset quadrangle, fourth quadrant, and is the second site found in that quadrangle.

[Hide Field SITE\\_ID ▲](#)

FIELD SITE\_NUMBE ►

ALIAS SITE\_NUMBER

\* DATA TYPE String

\* WIDTH 20

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Texas Mine Land Inventory site number - comprised of a unique sequence of three digits, three letters, and three digits that identifies the area where a site is located and the specific number assigned to the site. First 3 digits are the Federal Information Processing Standards (FIPS) code. The second part of the ID is a 3-letter abbreviation for the U.S. Geological Survey (USGS) 7.5-minute quadrangle in which the site is located. The third part of the site ID number is the 3-digit code for the site within a USGS quadrangle - the code was derived from the well numbering system from the Texas Water Development Board; where each quadrangle is subdivided into nine 2.5-minute sectors. The sectors are numbered consecutively, starting in the northwest corner.

Example of site number: 029SMT202 FIPS 029 is Bexar County; SMT is the Somerset quadrangle; the site is the second one numbered in the northern 2.5-minute sector of the quadrangle

DESCRIPTION SOURCE

Railroad Commission of Texas, Surface Mining and Reclamation Division

DESCRIPTION OF VALUES Texas Mine Land Inventory site number - comprised of a unique sequence of three digits, three letters, and three digits that identifies the area where a site is located and the specific number assigned to the site. First 3 digits are the Federal Information Processing Standards (FIPS) code. The second part of the ID is a 3-letter abbreviation for the U.S. Geological Survey (USGS) 7.5-minute quadrangle in which the site is located. The third part of the site ID number is the 3-digit code for the site within a USGS quadrangle - the code was derived from the well numbering system from the Texas Water Development Board;

where each quadrangle is subdivided into nine 2.5-minute sectors. The sectors are numbered consecutively, starting in the northwest corner. Example of site number: 029SMT202 FIPS 029 is Bexar County; SMT is the Somerset quadrangle; the site is the second one numbered in the northern 2.5-minute sector of the quadrangle

[Hide Field SITE\\_NUMBE ▲](#)

FIELD [Mine\\_Name ▶](#)

ALIAS Mine Name

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Name of mine, if available - obtained from different sources - information sources/references listed for each mine site.

DESCRIPTION SOURCE

Variable - either from literature or from local sources

DESCRIPTION OF VALUES Mine name

[Hide Field Mine\\_Name ▲](#)

FIELD [East\\_TCMS ▶](#)

\* ALIAS East\_TCMS

\* DATA TYPE Integer

\* WIDTH 9

\* PRECISION 9

\* SCALE 0

FIELD DESCRIPTION

The east-west coordinate of the Texas Centric Mapping System, in meters

DESCRIPTION SOURCE

ESRI

RANGE OF VALUES

MINIMUM VALUE 1014244

MAXIMUM VALUE 2050190

UNITS OF MEASURE meters

[Hide Field East\\_TCMS ▲](#)

FIELD [North\\_TCMS ▶](#)

\* ALIAS North\_TCMS

\* DATA TYPE Integer

\* WIDTH 9

\* PRECISION 9

\* SCALE 0

FIELD DESCRIPTION

The north-south coordinate of the Texas Centric Mapping System, in meters

DESCRIPTION SOURCE

ESRI

RANGE OF VALUES

MINIMUM VALUE 7063283

MAXIMUM VALUE 7722746  
UNITS OF MEASURE meters

[Hide Field North\\_TCMS ▲](#)

FIELD MineType ►

- \* ALIAS MineType
- \* DATA TYPE String
- \* WIDTH 25
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

General classification of the kind of coal mine, controlled by mining method. Examples: open pit/surface; contour; drift; slope; shaft; tunnel, etc. If it is uncertain if it is a surface or underground mine, the site will be classified as "Uncertain". If it's an underground mine, but lack information to differentiate between a shaft and slope mine, the site will be classified as "Unclassified underground". The mine site may have used several methods or if there is some uncertainty, the site classification can be comprised of more than one mine type.

DESCRIPTION SOURCE

Railroad Commission of Texas, Surface Mining and Reclamation Division

**DESCRIPTION OF VALUES** General classification of the kind of coal mine, controlled by mining method. Examples: open pit/surface; contour; drift; slope; shaft; tunnel, etc. If it is uncertain if it is a surface or underground mine, the site will be classified as "Uncertain". If it's an underground mine, but lack information to differentiate between a shaft and slope mine, the site will be classified as "Unclassified underground". The mine site may have used several methods or if there is some uncertainty, the site classification can be comprised of more than one mine type.

[Hide Field MineType ▲](#)

FIELD MineLoc ►

- ALIAS Mine Location
- \* DATA TYPE String
- \* WIDTH 15
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

This refers to the general type of mining: underground or surface. If it is uncertain, the site will be classified as "Uncertain"

DESCRIPTION SOURCE

Railroad Commission of Texas, Surface Mining and Reclamation Division

CODED VALUES

NAME OF CODELIST Locations: Surface, Underground, or Uncertain  
SOURCE Railroad Commission of Texas, Surface Mining and Reclamation Division

[Hide Field MineLoc ▲](#)

FIELD Period ►

- ALIAS Mining Period
- \* DATA TYPE String
- \* WIDTH 15

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

General time of mining activity (years)

DESCRIPTION SOURCE

Railroad Commission of Texas, Surface Mining and Reclamation Division

RANGE OF VALUES

MINIMUM VALUE 1880

MAXIMUM VALUE 1977

UNITS OF MEASURE Years

[Hide Field Period ▲](#)

FIELD [CoalType ▶](#)

ALIAS Coal Type

\* DATA TYPE String

\* WIDTH 25

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Type of coal mined at the location - one of four categories: bituminous; cannel (a type of bituminous coal); and lignite.

DESCRIPTION SOURCE

Mapel, W.J. 1967. Bituminous coal resources of Texas. Contributions to Economic Geology; Geological Survey Bulletin 1242-D; U.S. Geological Survey, Washington, D.C.

CODED VALUES

NAME OF CODELIST CoalType: Bituminous; Subbituminous; Cannel; or Lignite

SOURCE USGS

MEASUREMENT FREQUENCY unknown

[Hide Field CoalType ▲](#)

FIELD [LAT\\_DD ▶](#)

ALIAS Latitude

\* DATA TYPE Double

\* WIDTH 11

\* PRECISION 10

\* SCALE 6

FIELD DESCRIPTION

Latitude, in decimal degrees. Geographic coordinate system; North American 1983 datum

DESCRIPTION SOURCE

ESRI

RANGE OF VALUES

MINIMUM VALUE 27.686299

MAXIMUM VALUE 33.609549

UNITS OF MEASURE Degrees

[Hide Field LAT\\_DD ▲](#)

## FIELD LON\_DD ►

ALIAS Longitude

\* DATA TYPE Double

\* WIDTH 11

\* PRECISION 10

\* SCALE 6

## FIELD DESCRIPTION

Longitude, in decimal degrees. Geographic coordinate system; North American 1983 datum

## DESCRIPTION SOURCE

ESRI

## RANGE OF VALUES

MINIMUM VALUE -105.098521

MAXIMUM VALUE -94.10783

UNITS OF MEASURE Degrees

*Hide Field LON\_DD ▲*

## FIELD InfoSource ►

ALIAS Information source

\* DATA TYPE String

\* WIDTH 150

\* PRECISION 0

\* SCALE 0

## FIELD DESCRIPTION

Multiple sources of information - approximately 39 references used. References listed below

## DESCRIPTION SOURCE

Railroad Commission of Texas, Surface Mining and Reclamation Division

## CODED VALUES

NAME OF CODELIST Adams et al. 1927

SOURCE Adams, F.C., F.J. Donoghue, and T. Jamison. 1927. Lignite in the Wilcox Formation of Texas east of the Trinity River. Record OF-1927-1at the Bureau of Economic Geology, University of Texas at Austin

## CODED VALUES

NAME OF CODELIST Ashley 1918

SOURCE Ashley, H. 1918. The Santo Tomas Cannel Coal, Webb County, Texas. In: Contributions to Economic Geology, U.S.G.S. Bull. 691, U.S. Government Printing Office, Washington, D.C.

## CODED VALUES

NAME OF CODELIST Betancourt &amp; Lynn 1977

SOURCE Betancourt, J. and W.M. Lynn. 1977. An archeological survey of a proposed lignite mine area, Shell Rockdale south lease, Milam County, Texas. Archeological Survey Report No. 21, Office of the State Archologist, Texas Historical Commission, Austin, Texas

## CODED VALUES

NAME OF CODELIST Bridgeport, TX Historical Society 2005

SOURCE Bridgeport, TX Historical Society. 2005. Bridgeport Coal Mines map.

<http://www.bridgeporttxhistorical.org/Images/Coal%20Mines/Mine%20%26%20Legend-1.jpg>; accessed on 9/14/2011 at 11:35

## CODED VALUES

NAME OF CODELIST Broman 1915

SOURCE Broman, I. 1915. Fourth annual report of the State Mine Inspector of Texas, For The Year 1914. Von-Boeckmann-Jones, Austin, Texas

## CODED VALUES

NAME OF CODELIST Bullock 1924

SOURCE Bullock, N.M. 1924. Annual report of the mining industry of Texas for the year 1928. Private printing, Rockdale, Texas

## CODED VALUES

NAME OF CODELIST Bullock 1928

SOURCE Bullock, N.M. 1928. Annual report of the mining industry of Texas for the year 1928. Private printing, Rockdale, Texas

## CODED VALUES

NAME OF CODELIST Cummins 1889

SOURCE Cummins, W.F. 1889. Report of geologist for northern Texas. In: First Report of Texas Geological Survey, State Printing Office, Austin, Texas

## CODED VALUES

NAME OF CODELIST Cummins 1891

SOURCE Cummins, W.F. 1891. Geology of northwestern Texas. In: E.T. Dumble, Geological Survey of Texas, Second Annual Report, 1890, State Printing Office, Austin, Texas

## CODED VALUES

NAME OF CODELIST Dietrich & Lonsdale 1958

SOURCE Dietrich, J.W. and J. Lonsdale. 1958. Mineral resources of the Colorado River Industrial Development Association Area. Report of Investigations Number 37; Bureau of Economic Geology; The University of Texas at Austin

## CODED VALUES

NAME OF CODELIST Drake & Thompson 1893

SOURCE Drake, N.F. and R.A. Thompson. 1893. Report on the Colorado coal field of Texas. In: E.T. Dumble, Geological Survey of Texas, Fourth Annual Report, 1893, State Printing Office, Austin, Texas

## CODED VALUES

NAME OF CODELIST Drake 1917

SOURCE Drake, N.F. and R.A. Thompson. 1917. Report on the Colorado coal field of Texas. University of Texas Bull. 1755, University of Texas, Austin, Texas

## CODED VALUES

NAME OF CODELIST Dumble 1892

SOURCE Dumble, E.T. 1892. Report on the brown coal and lignites of Texas: Character, formation, occurrence, and fuel uses. Geological Survey of Texas. Ben C. Jones, State Printers Austin.

## CODED VALUES

NAME OF CODELIST Evans 1974

SOURCE Evans, T.J. 1974. Bituminous coal in Texas. Handbook 4, Bureau of Economic Geology. The University of Texas at Austin. Austin, Texas

## CODED VALUES

NAME OF CODELIST Fett 1969

SOURCE Fett, B.J. 1969. Coal mines of Garrison. East Texas Historical Journal, Vol. 7, No. 1, March 1969, pp 13-21

## CODED VALUES

NAME OF CODELIST Finley et al., 1979

SOURCE Finley, R.J., S.C. Caran, and W.H. Hupp. 1979. Delineation and environmental geologic evaluation of abandoned coal mines in north-central Texas. Bureau of Economic Geology report prepared for the Railroad Commission of Texas, Surface Mining and Reclamation Division. Interagency Contract Numbers: (78-79)2272, (80-81)0214, and (80-81)0766.

## CODED VALUES

NAME OF CODELIST Fisher 1963

SOURCE Fisher, W.L. 1963. Lignites of the Texas gulf coast plain. Report of Investigations Number 50; Bureau of Economic Geology; The University of Texas at Austin

## CODED VALUES

NAME OF CODELIST Fisher et al., 1965

SOURCE Fisher, W.L., C.R. Chelf, C.A. Shelby, L.E. Garner, D.E. Owens, and D.A. Schofield. 1965. Rock and Mineral Resources of East Texas. Report of Investigations No. 54, Bureau of Economic Geology, The University of Texas, Austin, Texas

## CODED VALUES

NAME OF CODELIST Gentry 1920

SOURCE Gentry, B. 1920. Annual reports of the state mine inspector for the years 1919 and 1920. State Printing Office, Austin, Texas

## CODED VALUES

NAME OF CODELIST Gentry 1921

SOURCE Gentry, B. 1921. Coal mining, State of Texas, 1921 (Annual Report of the State Mine Inspector for the Year 1921). Texas State Mining Department / Austin: State Printing Office

## CODED VALUES

NAME OF CODELIST Jackson et al., 1989

SOURCE Jackson, M.L.W., R.H. Blodgett, and W.R. Kaiser. 1989. Mined lands inventory, industrial minerals, south Texas. Contract report prepared for Railroad Commission of Texas, Surface Mining and Reclamation Division, under interagency cooperation contract no. IAC (88-89)-0979. Bureau of Economic Geology, The University of Texas at Austin, Austin, Texas

## CODED VALUES

NAME OF CODELIST Jackson et al., 1990

SOURCE Jackson, M.L.W., R.H. Blodgett, W.A. White, and W.R. Kaiser. 1990. Mined lands inventory, industrial minerals, east Texas. Contract report prepared for Railroad Commission of Texas, Surface Mining and Reclamation Division, under interagency cooperation contract no. IAC (90-91)-0492. Bureau of Economic Geology, The University of Texas at Austin, Austin, Texas

## CODED VALUES

NAME OF CODELIST Lebo and Austin 1992

SOURCE Lebo, S.A. and S.P. Austin. 1992. The Evansville Mines: Twentieth century lignite in east central Texas. Miscellaneous Reports of Investigations Number 41; Prepared for Northwestern Resources; Geo-Marine, Inc. Plano, Texas.

## CODED VALUES

NAME OF CODELIST Mapel 1967

SOURCE Mapel, W.J. 1967. Bituminous coal resources of Texas. Contributions to Economic Geology; Geological Survey Bulletin 1242-D; U.S. Geological Survey, Washington, D.C.

## CODED VALUES

NAME OF CODELIST Morrison-Knudsen Company, Inc. 1982  
 SOURCE Morrison-Knudsen Company, Inc. 1982. Application for surface mining operation permit. Prepared for Lower Colorado River Authority, Contract LM-200, September 1982, San Antonio, Texas

## CODED VALUES

NAME OF CODELIST Phillips 1902  
 SOURCE Phillips, William B. 1902. Coal, lignite and asphalt rocks. pp 1-76; University of Texas Bulletin 15 (Mining Survey Series Bulletin 31), Austin, Texas

## CODED VALUES

NAME OF CODELIST Price et al., 1983  
 SOURCE Price, J.G., C.D. Henry, and A.R. Standen. 1983. Annotated bibliography of mineral deposits in Trans-Pecos Texas. Mineral Resource Circular No. 73, Bureau of Economic Geology, The University of Texas at Austin, Austin, Texas

## CODED VALUES

NAME OF CODELIST Pulley 1994a  
 SOURCE Pulley, G.K. The Malakoff Mines, Part 2. The Malakoff News, May 18, 1994.

## CODED VALUES

NAME OF CODELIST Pulley 1994b  
 SOURCE Pulley, G.K. The Malakoff Mines, Part 3. The Malakoff News, May 25, 1994.

## CODED VALUES

NAME OF CODELIST Skinner 1978  
 SOURCE Skinner, S.A. 1978. Archaeology of the Thurber Coal Lease. Archaeology Research Program, Southern Methodist University, Texas.

## CODED VALUES

NAME OF CODELIST Stenzel 1938  
 SOURCE Stenzel, H.B. 1938. The Geology of Leon County. University of Texas Pub. 3818. The University of Texas, Austin, Texas

## CODED VALUES

NAME OF CODELIST Taylor 1911  
 SOURCE Taylor, S.J. 1911. First Annual Report of the State Mining Board (1909-1910). Texas (State) Mining Board of Texas (Mining Department), Sept. 1909-1910, submitted by State Mine Inspector. Austin, Texas

## CODED VALUES

NAME OF CODELIST Trowbridge 1932  
 SOURCE Trowbridge, A.C. 1932. Tertiary and quaternary geology of the Lower Rio Grande Region, Texas. Bulletin 837, Geological Survey, United States Department of the Interior

## CODED VALUES

NAME OF CODELIST Turpin 2003  
 SOURCE Turpin, S.A. 2003. History and prehistory in the Three Oaks Mine permit area. Cultural Resources Report 15, TAS, Inc., Austin, Texas

## CODED VALUES

NAME OF CODELIST Underwood 1963  
 SOURCE Underwood, Jr., J.R. 1963. Geology of Eagle Mountains and vicinity, Hudspeth County, Texas. Geologic quadrangle map, Volume no. 26, Bureau of Economic Geology, The University of Texas at Austin, Austin, Texas

## CODED VALUES

NAME OF CODELIST Waggoner et al., 1992

**SOURCE** Waggoner, R., Q. Aaberg, and L.L. Moffett. 1992. West Texas mine land inventory report. Surface Mining and Reclamation Division, Railroad Commission of Texas, Austin, Texas

**CODED VALUES**

**NAME OF CODELIST** Warwick et al., 2002

**SOURCE** Warwick, P.D., C.E. Aubourg, R.W. Hook, and J.R. SanFilipo. 2002. Geology and land use in the western part of the Gulf Coast coal-bearing region. Miscellaneous Maps MM41. U.S. Geological Survey. Reston, Virginia

**CODED VALUES**

**NAME OF CODELIST** Weyel 2013

**SOURCE** Weyel. P. 2013. Correspondence with Jon Brandt, Abandoned Mine Land Program, on behalf of the Somerset Historical Society; August 30, 2013.

[Hide Field InfoSource ▲](#)

**FIELD RelConfid ►**

**ALIAS** Relative Confidence

\* **DATA TYPE** String

\* **WIDTH** 15

\* **PRECISION** 0

\* **SCALE** 0

**FIELD DESCRIPTION**

The relative confidence in accuracy of the mine site location coordinates. There are five levels of accuracy:

- High - actual site probably within 25 feet of inventory coordinates
- Medium - actual site probably within 100 feet of inventory coordinates
- Low - actual site probably within 500 feet of inventory coordinates
- Very low - actual site probably within 1000 feet of inventory coordinates
- Unknown - specific site location unknown; best estimate of coordinates

**DESCRIPTION SOURCE**

Railroad Commission of Texas, Surface Mining and Reclamation Division

**CODED VALUES**

**NAME OF CODELIST** RelConfid: High; Medium; Low; Very Low; and Unknown

**SOURCE** Railroad Commission of Texas, Surface Mining and Reclamation Division

[Hide Field RelConfid ▲](#)

**FIELD SiteNotes ►**

**ALIAS** Site Notes

\* **DATA TYPE** String

\* **WIDTH** 254

\* **PRECISION** 0

\* **SCALE** 0

**FIELD DESCRIPTION**

Additional information, if any, about the mine site

**DESCRIPTION SOURCE**

Railroad Commission of Texas, Surface Mining and Reclamation Division

**DESCRIPTION OF VALUES** Additional mine site information, if available

[Hide Field SiteNotes ▲](#)

[Hide Details for object TX\\_Hist\\_CoalSites ▲](#)

[Hide Fields ▲](#)

## Metadata Details ►

- \* METADATA LANGUAGE English (UNITED STATES)
- \* METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA \* dataset  
SCOPE NAME \* dataset

\* LAST UPDATE 2014-01-13

### ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0  
STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2013-11-26 15:49:04  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2014-01-13 16:02:27

### AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes  
LAST UPDATE 2014-01-13 16:01:37

[Hide Metadata Details ▲](#)

## Metadata Contacts ►

### METADATA CONTACT

INDIVIDUAL'S NAME Jon Brandt, P.G.  
ORGANIZATION'S NAME Raliroad Commission of Texas, Surface Mining and Reclamation Division, Abandoned Mine Land Program  
CONTACT'S POSITION Geoscientist  
CONTACT'S ROLE originator

### CONTACT INFORMATION ►

#### PHONE

VOICE 512-463-7313  
FAX 512-463-6709

#### ADDRESS

TYPE physical  
DELIVERY POINT 1701 North Congress Avenue  
CITY Austin  
ADMINISTRATIVE AREA Texas  
POSTAL CODE 78701  
COUNTRY US  
E-MAIL ADDRESS [jon.brandt@rrc.state.tx.us](mailto:jon.brandt@rrc.state.tx.us)

HOURS OF SERVICE 8:00 - 17:00, M-F

#### CONTACT INSTRUCTIONS

If unable to reach Jon Brandt, please ask for Mark Rhodes, AML Program Manager, or John Caudle, P.E., Division Director

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

## Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY as needed

[Hide Metadata Maintenance ▲](#)

## Metadata Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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[Hide Metadata Constraints ▲](#)

## Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

## FGDC Metadata (read-only) ▼