

ItemNumber	Table	FieldName	DataType
1	tblProject	ProjectName	Text
2	tblProject	Contact	Text
3	tblProject	Agency	Text
4	tblProject	BeginYear	Integer
5	tblProject	EndYear	Integer
6	tblProject	ProjectArea	Text
7	tblProject	Comment	Text
8	tblProject	EntryYear	Text
11	tblAnalysisProcedure	AnalysisMethodID	Text
12	tblAnalysisProcedure	Description	Text
13	tblAnalysisProcedure	AccuracyLimit	Double
14	tblAnalysisProcedure	Remark	Text
15	tblAnalysisProcedure	Units	Text
16	tblChromatogram	RunDate	Date/Time
17	tblChromatogram	RefNumber	Text
18	tblChromatogram	AnalysisMethod	Text
19	tblChromatogram	SubSampleID	Text
20	tblChromatogram	RunNote	Text
21	tblChromatogramPlotFile	FileName	Text
22	tblChromatogramPlotFile	RunDate	Text
23	tblChromatogramPlotFile	RefNumber	Text
24	tblChromatogramPlotFile	AnalysisMethod	Text
25	tblCollectSample	CollectionID	Text
26	tblCollectSample	UDAMS	Text
27	tblCollectSample	SamplingDate	Date/Time
28	tblCollectSample	SampledIntervalTop_m	Double
29	tblCollectSample	SampledIntervalBot_m	Double
30	tblCollectSample	Remark	Text
31	tblCollectSample	Collector	Text
32	tblCollectSample	SamplingType	Text
33	tblDLRatio	RunDate	Date/Time
34	tblDLRatio	RefNumber	Text
35	tblDLRatio	AminoAcid	Text
36	tblDLRatio	AnalysisMethod	Text
37	tblDLRatio	RatioType	Text
38	tblDLRatio	DLRatio	Double
39	tblDLRatio	Flag	Boolean
40	tblDLRatio	PeakNote	Text
41	tblImage	ImageID	AutoNumber
42	tblImage	SampleID	Text
43	tblImage	UDAMS	Text
44	tblImage	SingleOrGroup	Text
45	tblImage	CollectionID	Text
46	tblIGC_HPLCProgramNote	NoteDate	Date/Time
47	tblIGC_HPLCProgramNote	RefNumber	Text
48	tblIGC_HPLCProgramNote	AnalysisMethod	Text
49	tblIGC_HPLCProgramNote	ProgNotes	Text
50	tblIGC_HPLCProgramNote	Comment1	Text
51	tblIGC_HPLCProgramNote	Comment2	Text
52	tblIGC_HPLCProgramNote	Column	Text

53	tblGC_HPLCProgramNote	Detector	Text
54	tblGC_HPLCProgramNote	Temp_Prog	Text
55	tblGC_HPLCProgramNote	Detect_Flows	Text
56	tblInterpretiveResult	SubSampleID	Text
57	tblInterpretiveResult	Parameter	Text
58	tblInterpretiveResult	Value	Text
59	tblInterpretiveResult	Comment	Text
60	tblLabContactInfo	LabName_Short	Text
61	tblLabContactInfo	LabName_Long	Text
62	tblLabContactInfo	ContactPerson	Text
63	tblLabContactInfo	StreetAddress	Text
64	tblLabContactInfo	City	Text
65	tblLabContactInfo	State	Text
66	tblLabContactInfo	ZipCode	Text
67	tblLabContactInfo	PhoneNumber	Text
68	tblLabContactInfo	FaxNumber	Text
69	tblLocation	UDAMS	Text
70	tblLocation	Map100k	Text
71	tblLocation	Lat	Double
72	tblLocation	Long	Double
73	tblLocation	LocalityID	Text
74	tblLocation	GenNote	Text
75	tblLocation	Hdatum	Text
76	tblLookupTable	Choice	Text
77	tblLookupTable	Category	Text
78	tblLookupTable	ChoiceDescription	Text
79	tblOtherResult	SubSampleID	Text
80	tblOtherResult	AnalysisProcedureID	Text
81	tblOtherResult	Parameter	Text
82	tblOtherResult	Prefix	Text
83	tblOtherResult	Value	Double
84	tblOtherResult	Error	Double
85	tblOtherResult	ResultID	Integer
86	tblOtherResult	Comment	Text
87	tblOtherResult	SampleID	Text
88	tblSamplingLog	LocalityID	Text
89	tblSamplingLog	UDAMS	Text
90	tblSamplingLog	OverBurdenThickness_m	Double
91	tblSamplingLog	SampledFrom	Text
92	tblSamplingLog	LengthOfSection_m	Double
93	tblSamplingLog	SectionName	Text
94	tblReference	Ref_ID	AutoNumber
95	tblReference	ShortReference	Text
96	tblReference	FullReference	Memo
97	tblSample	SampleID	Text
98	tblSample	SampleType	Text
99	tblSample	UDAMS	Text
100	tblSample	SampleNote	Text
101	tblSample	CollectionID	Text
102	tblSubSample	SubSampleID	Text
103	tblSubSample	AltID	Text

104	tblSubSample	LabName	Text
105	tblSubSample	ShortReference	Text
106	tblSubSample	SampleID	Text
107	tblSubSample	Precursor	Text
108	tblSubSample	ProcedureID	Integer
109	tblSubSampleProcedure	SSProcedureID	Integer
110	tblSubSampleProcedure	Label	Text
111	tblSubSampleProcedure	Fraction	Text
112	tblSubSampleProcedure	Description	Text
113	tblTaphonomicCharacter	CollectionID	Text
114	tblTaphonomicCharacter	SampleID	Text
115	tblTaphonomicCharacter	Characteristic	Text
116	tblTaphonomicCharacter	Value	Text
117	tblTaphonomicCharacter	TaphoID	AutoNumber
118	tblSamplingLog	Precision	Text
119	tblLocation	SurfaceElevation_m	Double
120	tblLocation	Vdatum	Double
121	tblAnalysisProcedure	AnalysisDevice	Text
122	CrosstabQryFldNames	fldNames	Text
123	CrosstabQryFldNames	fldNum	Integer
124	MeanQryFldNames	fldNames	Text
125	MeanQryFldNames	fldNum	Integer
126	RawQueryFieldNames	fldNames	Text
127	RawQueryFieldNames	fldNum	Integer

FieldDescription
Formal or informal identification of project.
Name of contact person for project information
Name of agency in charge of project
Year project began.
Year project ended or is expected to end.
Name of broad geographic area of interest.
Comments from UDAL on the project.
Year UDAL begins project.
Informal name of analysis method used.
Details of method.
Measurement limitss.
Remarks on method from UDAL or laboratory that performed method.
Mearsurement units used.
Date of analysis; part of composite key.
Analysis run on the GC or HPLC detector; part of composite key
Whether GC or HPLC used; part of composite key.
Derivative identification number or AAR Lab #.
Notes on a particular chromatograph run.
File name of Chromatograph file from MacLab or other digital chromatographic software.
Date of run.
Analysis run on the GC or HPLC detector.
Either GC or HPLC.
Unique identifier signifying the collecting of samples or sample.
University of Delaware numeric geographic locator; foreign key.
Date collection was made.
Relative sampling interval in meters; top of interval.
Relative sampling interval in meters; bottom of interval.
Notes on sampling.
Name of person performing sampling.
Type of collection such as core, surface, outcrop, etc.
Date of analysis; part of composite key.
Analysis run on the GC or HPLC detector; part of composite key.
Analyzed amino acid; part of composite key.
Either GC or HPLC; part of composite key.
Ratios calculated from peak are or heights? Parto of composite key.
Calculated D/L ratio for amino acid.
Used to identify suspect ratios. Flagged records are removed from further calculation or identified for further deter
Notes on shape of peak (e.g. assymetry).
Arbitrary unique identifier; primary key.
Sample identifier; foreign key.
Location identifier; foreign key.
Designates whether photo represents a collection of shells or one single shell.
Sampling identifier; foreign key.
Date of analysis; part of weak entity composite key.
Analysis run on the chromatograph; part of weak entity composite key.
Either GC or HPLC; part of weak entity composite key.
Notes on changes to the program, lab parts or methods.
Comments on program and/or equipment.
Comments on program and/or equipment.
GC column used or other notes.

Type of detector (FID or NPHD).
Temperature program of a run.
Air flow.
Lab ID of sample analyzed; foreign key.
Parameter that the interpretive result refers to.
Text or numerical interpretive value, numeric values need to be converted from text to number.
Comments on interpretive results.
Short name of laboratory that analyzed samples; primary key.
Long name of lab.
Person at the analyzing lab to contact for information.
Part of address of lab.
City where lab is located.
State where lab is located.
Zip code.
Contact phone number.
Contact fax number.
University of Delaware numeric geographic locator; primary key.
Name of USGS 1:100,000 Topo sheet.
Latitude coordinate.
Longitude coordinate.
Informal name of locality where samples are collected.
Notes on sample site and day of sampling (weather, location, etc.).
Datum used for geographic location coordinates.
Value that fills table cells.
Parameter specifying purpose of Choice value.
Description of what the Choice means.
SubSample identifier; foreign key.
Name of analysis procedure; foreign key.
Parameter of analysis.
Greater than, Less than or Equal to.
Laboratory result; usually uncorrected age
Method error or standard deviation.
Unique arbitrary identifier; primary key.
Comment on result.
Sample identifier; foreign key.
Informal location name; primary key.
Location identifier; foreign key.
Thickness of soil overburden that is not part of the section; portion between surface elevation and top of section.
Where to begin measurement of sampling section, from Top or Bottom of section.
Total length of sampling section (i.e. core or excavation wall) in meters.
Name of section sampled; not required.
Arbitrary unique identifier; primary key.
Formal short reference as found in geologic journals.
Formal long reference as found in geologic journals.
Alpha-numeric unique sample identifier that generally begins with the initials of the sampler (Primary Key).
Sample genus or other taxa identification.
Location Identifier; foreign key.
Notes on sample species or other notes on genera.
Collection or Sampling where the sample originated; foreign key.
Unique lab ID of analyzed sample (primary Key).
Alternative subsample ID given by the lab.

Name of lab creating the subsample.
Reference to article where data from subsample was published.
Sample from which SubSample was created; foreign key.
SubSample from which SubSample was created; field allows for recursive relationship.
SubSampling procedure performed to make the subsample; foreign key.
SubSampling procedure performed to make a subsample (Primary Key).
Informal label of procedure.
Specifier of procedure (e.g. whether sample prepared for Total or Free amino acids).
Description of method.
Collection or Sampling identifier; foreign key.
Sample identifier; foreign key.
Taphonomic characteristic that is being recorded (e.g. Abrasion, Color, etc.)
Value of analysis.
Arbitrary unique identifier.
Precision of horizontal and vertical measurements.
Elevation; usually above or below MSL
Datum used for elevation measurement.
Instrument used to perform analysis
Attributes listed in Mean D/L Ratio query form field selection box .
ID numbers for attributes used in Mean D/L Ratio query form field selection box.
Attributes listed in Mean D/L Ratio query form field selection box for StDev option.
ID numbers for attributes used in Mean D/L Ratio query form field selection box for StDev option.
Attributes listed in Raw D/L Ratio query form field selection box.
ID numbers for attributes used in Raw D/L Ratio query form field selection box.