

## Appendix 5 GeoDiversitY Database

GeoDiversitY database — browser window (Appendix 5 Table 1)

GeoDiversitY database — locality data entry window (Appendix 5 Table 2)

GeoDiversitY database — main geodiversity data entry window (Appendix 5 Table 3)

GeoDiversitY database — ranking criteria window (Appendix 5 Table 4)

GeoDiversitY database — variables and ID window (Appendix 5 Table 5)

GeoDiversitY database — dictionary window (Appendix 5 Table 6)

GeoDiversitY database — Form for field use at geodiversity sites page 1 (Appendix 5 Table 7)

GeoDiversitY database — Form for field use at geodiversity sites page 2 (Appendix 5 Table 8)

Microsoft Access - [GeoDiversityAssessment : Form]

File Edit View Insert Format Records Tools Window Help

Tahona 10

Page 1 - GDY Main Page 2 - Fragility Rank Page 3 - Ranking Criteria Page 4 - Variables and BGS ID's Dictionaries Standard Document Links

**Welcome to the GeoDiversitY Browser.**

To browse for Assessments Enter any criteria you like into the boxes and press the Find Records button

Select a Feature [dropdown] Enter any Part of a Name or a whole name [text input]

Select a Current Use [dropdown]

Select Primary Gsm [dropdown] Other Scientific Merit

OSM Biology  OSM Archaeology

OSM Ecology

Select a Designation

DESIGNATION PROPOSED

SSSI GCR RIGS DCGS GCRP RIGS

Select GSM

Presence Lithology Sedimentary Ign / Min / Meta Structure Palaeontology Geomorphology

Fragility

Geohazard Collecting

Wealth/ Erosion Dumping

Natural Overgrowing Development

Potential Use

Research HE / FE School Education Onsite Interpretation Onsite Geotrail Incorporated Multi Disciplinary

Retrieve Records Using Search Parameters

Clear All Selection Fields

CURRENT SITE VALUE Assessment Status

COMMUNITY [dropdown] EDUCATION [dropdown]

Exit

Database, Application Design and Build by Ken Lawrie March 2004 contact 0131-650-0314 or kig@bgs.ac.uk

Record: 14 of 1154

Form View

(Appendix 5 Table 1) GeoDiversitY database — browser window

Microsoft Access - [frmGdyAssessment : Forms]

File Edit View Insert Format Records Tools Window Help

Tahoma 14 B I U

BrowseGID Page 1 - GDV Main Page 2 - Fragility Rank Page 3 - Ranking Criteria Page 4 - Variables and BGS ID's Dictionaries Standard Document Links

### The BGS Geodiversity Assessment Entry System

LOCAL GEODIVERSITY ACTION PLAN (LGAP) ASSESSMENT OF GEOLOGICAL SITES

LGAP WESTLOTH

SCORER Sarah Arkley SLBA OBSERVED?  On 18 November 2005

SITE NAME East Kirkton Quarry NGR NS 9901 6913

FEATURE A\_QRYWDR Add Link ACCESS ?Public access. Park off Limefield Road to the southwest of the quarry (NS 9894 6889) enter quarried area at southern end (NS 9905 6896) OWNERSHIP DETAILS West Lothian Council and National Museums of Scotland

CURRENT USE DISUSED DESIGNATION SSSI GCR REGS DCGS SNCE NWTR PROPOSED GCRP REGS SAM NATP NSA NNR LNR SAC SPA RAMS

GEOLOGICAL DESCRIPTION AND ASSOCIATED REFERENCES / DOCUMENTS / IMAGES etc.

Link No	GDY ID	Link Type	Document Hyperlink	Doc Category

Record: 1044 of 1154

CURRENT SITE VALUE COMMUNITY 4 EDUCATION 6

Select a Museum Resour Assessment Stat

Exit

Database, Application Design and Build by Ken Lawrie March 2004 contact 0131-650-0314 or klg@bgs.ac.uk

Record: 1044 of 1154

Form View

(Appendix 5 Table 2) GeoDiversitY database — locality data entry window

Microsoft Access - [frmGdyAssessment : Forms]

File Edit View Insert Format Records Tools Window Help

Tahoma 8 B I U

BrowseGID Page 1 - GDV Main Page 2 - Fragility Rank Page 3 - Ranking Criteria Page 4 - Variables and BGS ID's Dictionaries Standard Document Links

### FRAGILITY

GEOHAZARD  COLLECTING  DUMPING  DEVELOPMENT

WEATHERING / EROSION  NATURAL OVERGROWING

FRAGILITY NOTES Situated on the edge of Bathgate the site is prone to people leaving rubbish, which has been set fire to in the past. Some graffiti and sooting of the quarry face is

### GEOLOGICAL SCIENTIFIC MERIT

	PARTY	QUALITY	LITERATURE / COLLECTIONS	OTHER SCIENTIFIC FIELDS TO WHICH THIS SITE IS OF KNOWN IMPORTANCE
LITHO-STRATIGRAPHY				<input type="checkbox"/> BIOLOGY <input type="checkbox"/> ARCHEOLOGY
SEDIMENTOLOGY				<input type="checkbox"/> ECOLOGY OTHER
IGNEOUS / MINERALOGY / METAMORPHIC GEOLOGY				
STRUCTURAL GEOLOGY				
PALAEONTOLOGY	8	8	8	<input checked="" type="checkbox"/> 1st Pres? <input checked="" type="checkbox"/> NOTES Quarry is in the Lower Carboniferous East Kirkton Limestone. Noted for the wealth of superbly preserved arthropods, especially scorpions and eurypterids.
GEOMORPHOLOGY				

### POTENTIAL USE

RESEARCH  ON-SITE INTERPRETATION  ON-SITE GEOTRAIL

HERB / FE  INCORPORATED

SCHOOL EDUCATION  MULTI-DISCIPLINARY

NOTES Site could support an on-site interpretation board describing the environment and animals which are preserved in the rocks, or be part of an Bathgate

FURTHER INFORMATION

Geodiversity LithoStrat Codes : Use Lexicon Codes wherever possible and separate them with a semi-colon please

EXL-UMST

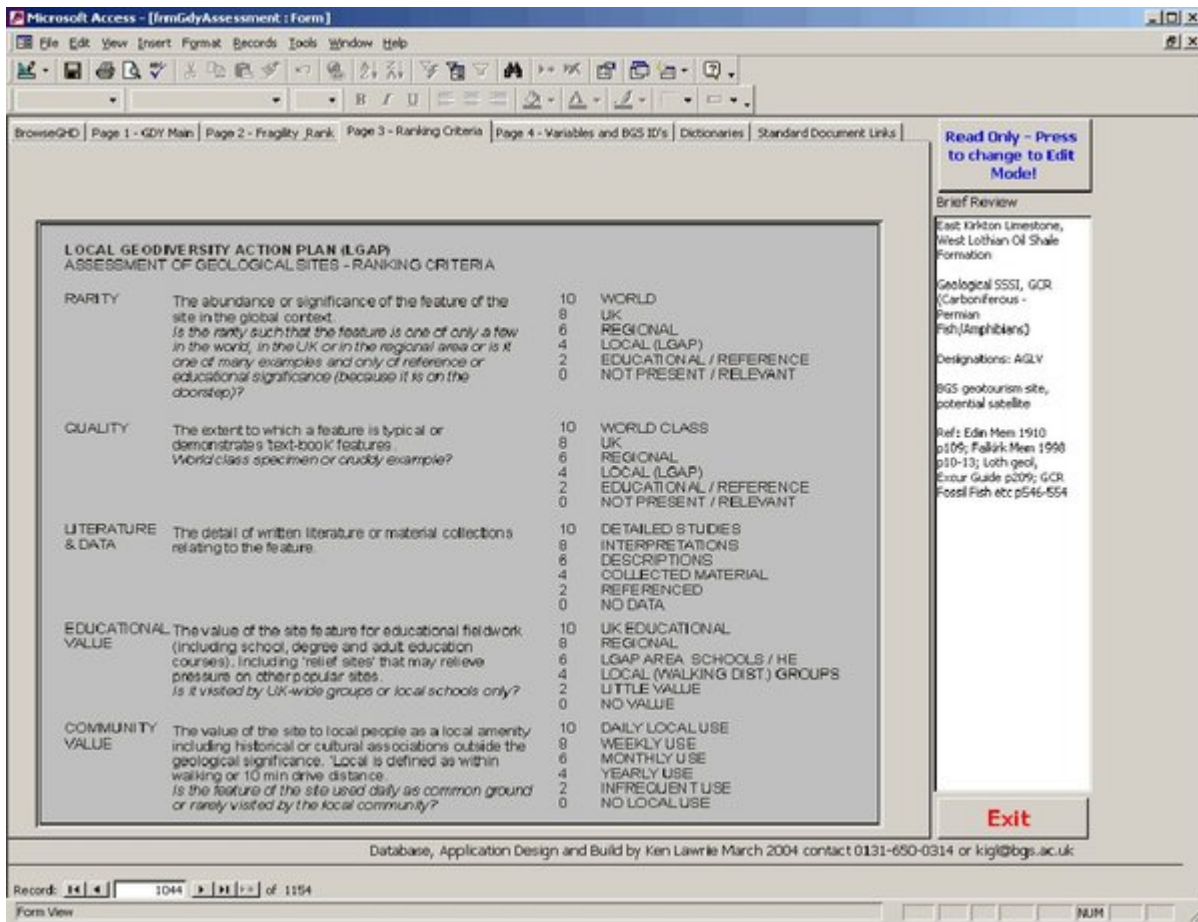
Exit

Database, Application Design and Build by Ken Lawrie March 2004 contact 0131-650-0314 or klg@bgs.ac.uk

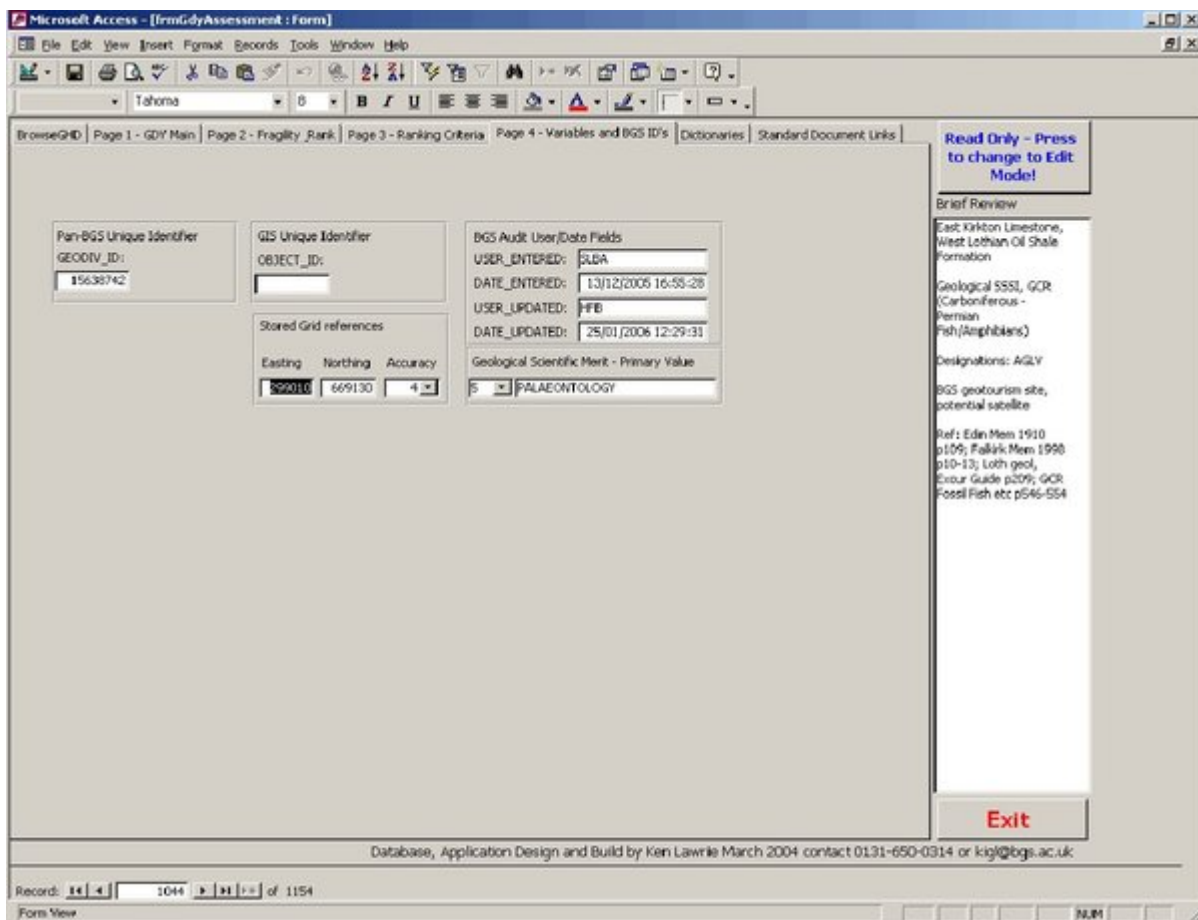
Record: 1044 of 1154

Form View

(Appendix 5 Table 3) GeoDiversitY database — main geodiversity data entry window



(Appendix 5 Table 4) GeoDiversitY database — ranking criteria window



(Appendix 5 Table 5) GeoDiversitY database — variables and ID window

Microsoft Access - [GeoDiversityAssessment : Form]

File Edit View Insert Format Records Tools Window Help

Tahona

BrowseGH | Page 1 - GDI Main | Page 2 - Fragility\_Rank | Page 3 - Ranking Criteria | Page 4 - Variables and BGS ID's | Dictionaries | Standard Document Links

**Read Only - Press to change to Edit Mode!**

Brief Review

East Kirkton Limestone, West Lothian Of Shale Formation

Geological SSSI, GCR (Carboniferous - Permian Fish/Angelsteins)

Designations: AGLV

BGS geotourism site, potential satellite

Ref: Edin Mem 1910 p109; Falkirk Mem 1998 p10-13; Loth geol, Excour Guide p209; GCR Fossil Fish etc p546-554

**Exit**

Pick Dictionary to work with

CODE:	DESCRIPTION:	TRANSLATION:	STATUS:
N_SECTION	NATURAL SECTION	Natural outcrop of one or more geological features forming a linear exposure (river se	C
N_EXPOSUR	NATURAL EXPOSURE	Natural outcrop of geological feature	C
N_LANDFOR	NATURAL LANDFORM	Constructional or erosion geomorphological feature (valley, crevasse, dune, all Q feat	C
N_VIEW	NATURAL VIEW	Collection of geological features forming a landscape overview interpretation	C
A_MINWOR	ARTIFICIAL MINE WORKINGS	Feature produced by minerals/coal workings (adit, spoil, hush etc)	C
A_QRYWOR	ARTIFICIAL QUARRY WORKS	Feature produced by stone/aggregate workings (quarry, pit, waste dumps etc)	C
A_SECTION	ARTIFICIAL SECTION	section exposure created artificially by work to construct a road/track/path etc	C
A_EXICAV	ARTIFICIAL EXCAVATION	Artificially created exposure (excavation - not related to any of the above)	C
-	NOT APPLICABLE	Not Applicable	C
!	NOT AVAILABLE	Not Available - Applicable but try as we might, we can't find a value.	C
?	NOT ENTERED	Not Entered - We haven't assigned a value yet	C
N_SAMPLE	Natural geological sample not in situ	Natural geological sample not in situ	C
A_SAMPLE	Manmade Artefact	Manmade Artefact	C
*			

Record: 1 of 13

Database, Application Design and Build by Ken Lawrie March 2004 contact 0131-650-0314 or klg@bgs.ac.uk

Record: 1044 of 1154

Form View

(Appendix 5 Table 6) GeoDiversity database — dictionary window

**LOCAL GEODIVERSITY ACTION PLAN (LGAP)**  
ASSESSMENT OF GEOLOGICAL SITES

LGAP

SCORER  DATE  OBSERVED?

SITE NAME  BNG

FEATURE  ACCESS  OWNERSHIP DETAILS

CURRENT USE

CURRENT DESIGNATION

DESIGNATED FOR

GEOLOGICAL DESCRIPTION

PHOTO

REFERENCES

CURRENT SITE VALUE  
EDUCATIONAL   
COMMUNITY

FRAGILITY  
 GEOHAZARD  COLLECTING  
 WEATHERING / EROSION  DUMPING  
 NATURAL OVERGROWING  DEVELOPMENT

NOTES

**GEOLOGICAL SCIENTIFIC MERIT**

	RARITY	QUALITY	LITERATURE / COLLECTIONS	1st	NOTES
LITHO-STRATIGRAPHY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
SEDIMENTOLOGY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IGNEOUS / MINERALOGY / METAMORPHIC GEOLOGY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
STRUCTURAL GEOLOGY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PALAEONTOLOGY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
GEOMORPHOLOGY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**OTHER SCIENTIFIC FIELDS TO WHICH THIS SITE IS OF KNOWN IMPORTANCE**  
 BIOLOGY  ARCHEOLOGY  
 ECOLOGY  OTHER

POTENTIAL USE  
 RESEARCH  ONSITE INTERPRETATION  
 HE / FE  ONSITE GEOTRAIL  
 SCHOOL EDUCATION  INCORPORATED  
 MULTI-DISCIPLINARY

NOTES

FURTHER INFORMATION

(Appendix 5 Table 7) GeoDiversitY database — Form for field use at geodiversity sites page 1

**LOCAL GEODIVERSITY ACTION PLAN (LGAP)  
ASSESSMENT OF GEOLOGICAL SITES - RANKING CRITERIA**

<b>RARITY</b>	The abundance or significance of the feature of the site in the global context. <i>Is the rarity such that the feature is one of only a few in the world, in the UK or in the regional area or is it one of many examples and only of reference or educational significance (because it is on the doorstep)?</i>	10	WORLD
		8	UK
		6	REGIONAL
		4	LOCAL (LGAP)
		2	EDUCATIONAL / REFERENCE
		0	NOT PRESENT / RELEVANT
<b>QUALITY</b>	The extent to which a feature is typical or demonstrates 'text-book' features. <i>World class specimen or cruddy example?</i>	10	WORLD CLASS
		8	UK
		6	REGIONAL
		4	LOCAL (LGAP)
		2	EDUCATIONAL / REFERENCE
		0	NOT PRESENT / RELEVANT
<b>LITERATURE &amp; DATA</b>	The detail of written literature or material collections relating to the feature.	10	DETAILED STUDIES
		8	INTERPRETATIONS
		6	DESCRIPTIONS
		4	COLLECTED MATERIAL
		2	REFERENCED
		0	NO DATA
<b>EDUCATIONAL VALUE</b>	The value of the site feature for educational fieldwork (including school, degree and adult education courses). Including 'relief sites' that may relieve pressure on other popular sites. <i>Is it visited by UK-wide groups or local schools only?</i>	10	UK EDUCATIONAL
		8	REGIONAL
		6	LGAP AREA SCHOOLS / HE
		4	LOCAL (WALKING DIST.) GROUPS
		2	LITTLE VALUE
		0	NO VALUE
<b>COMMUNITY VALUE</b>	The value of the site to local people as a local amenity including historical or cultural associations outside the geological significance. 'Local' is defined as within walking or 10 min drive distance. <i>Is the feature of the site used daily as common ground or rarely visited by the local community?</i>	10	DAILY LOCAL USE
		8	WEEKLY USE
		6	MONTHLY USE
		4	YEARLY USE
		2	INFREQUENT USE
		0	NO LOCAL USE

(Appendix 5 Table 8) GeoDiversitY database — Form for field use at geodiversity sites page 2