

[REDACTED]

From: [REDACTED]
Sent: 21 January 2015 14:42
To: [REDACTED] (DETI)
Subject: RE: List of quarries and pits in N.Ireland
Attachments: DDL2015-001 Conditions of supply of GSNI material_NIEA.docx

Hi [REDACTED] I have added my name and dated the Digital Data Licence, see file attached. Please let me know if you need a signed hard copy posted, and if there be a fee for this material.

Thanks
[REDACTED]

From: [REDACTED] (DETI)
Sent: 21 January 2015 12:00
To: [REDACTED]
Subject: RE: List of quarries and pits in N.Ireland

Hi [REDACTED]

Please find attached a Digital Data Licence to cover the use of the quarry data set. If you are content, please sign, date and return to me and I will send through the information which the GSNI holds.

Regards
[REDACTED]

From: [REDACTED]
Sent: 19 January 2015 14:08
To: [REDACTED] (DETI)
Subject: List of quarries and pits in N.Ireland

Hi [REDACTED] I am currently working on a project for the DOE/NIEA on the number of quarries and pits in N.Ireland with multiple NIEA licences. The project is looking to identify inspection overlaps with regard to NIEA inspections on quarry sites in N.Ireland and therefore we would like start with a complete and accurate list of all the quarries (along with geo-reference data (Grid References or Eastings and Northings)). I felt that GSNI would be best placed to help with a complete list of all the quarries and pit sites.

I had recently been reading a Quarry Products Association NI document and I noticed that you were listed as a GSNI contact in the Quarry Products Association NI 'Submission to the OFT Market Study into the UK Aggregates Sector' (2010).

I noted that this Submission stated that data availability on active workings was chiefly from the Geological Survey of Northern Ireland (GSNI), and that each year around February, the Minerals Branch in GSNI on behalf of the Department of Enterprise, Trade and Investment Northern Ireland (DETINI) collects industry data and publishes an Annual Mineral Statement. It also stated that 'in the region of 180 quarries are contacted each year from a GSNI database', and that 'the DETINI Mineral Statements collected annually by GSNI is the primary origin of information about the industry. The GSNI statistics state a total of 155 active workings (2009 mineral statement returns)'.

Therefore, I was wondering if you could help me with a list of all the quarry and pit sites in N.Ireland. If you think you could help with this please let me know, or if you could please direct me to another person in GSNI who could provide assistance that would be brilliant.

Many thanks

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[REDACTED]
Strategy and Transformation
Innovation Strategies Division
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BT7 2JA
[REDACTED]

Geological Survey of Northern Ireland

DDL 2015-001

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Geological Survey of Northern Ireland

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LICENSEES

DOE Northern Ireland, Environment Agency

LICENCE TERMS

The licence is effective for 12 months from date of signature

The licence is solely for the following purpose:

Project to identify inspection overlaps with regard to NIEA inspections on quarry sites in Northern Ireland

SCHEDULE OF MATERIAL SUPPLIED

1	Quarry database for Northern Ireland
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All hard copies produced must carry an acknowledgement as follows:

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Signed on behalf of the GSNI:

Name

[Redacted Signature]

Position Minerals Geologist

Signed on behalf of the Licensee:

Signed

Name

[Redacted Signature]

Date 21/01/15

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[REDACTED]

From: [REDACTED]
Sent: 21 January 2015 15:43
To: [REDACTED] (DETI)
Subject: RE: List of quarries and pits in N.Ireland

Thanks [REDACTED] Excellent. That is just what I was looking for, and you have been very swift in responding. If I have any further queries I will get back to you.

Many thanks
[REDACTED]

From: [REDACTED] (DETI)
Sent: 21 January 2015 15:24
To: [REDACTED]
Subject: RE: List of quarries and pits in N.Ireland

Hi [REDACTED]

Thanks very much for that. Quarry data attached.

As I mentioned in an earlier email – these data are accurate up to the last mineral return collected by DETI Minerals Branch. Site locations should lead you to a location on the orthophotos where the workings are easily visible – the exact location may be from a postcode and as a result a gate to a working, or taken from the orthophoto and therefore more central to the excavation itself. The majority of the commodities (if you are interested) are accurate but there have been instances where an operator has miss-named a commodity due to mistaken identity of the rock type. These errors may not all have been captured. Where a operator extracts more than one commodity, all are included for the site as separate entries. Where the commodity is marked as XXX or blank it is unrecorded and the site location is stored for reference. Operators of the quarries may have changed in the time since the last mineral return and the quarry name may have been changed also.

As mentioned in the data licence – this information is for NIEA in house use only and for the purposes of the project you have mentioned. Any additional use should be licensed with the GSNI. It is current practice for GSNI to provide information to other Northern Ireland departments free of charge.

If you have any questions about the data or anything else, please get in touch.

All the best
[REDACTED]

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To: [REDACTED] (DETI)
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Thanks
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Sent: 21 January 2015 12:00

To: [REDACTED]
Subject: RE: List of quarries and pits in N.Ireland

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Many thanks
[REDACTED]

[REDACTED]
Strategy and Transformation
Innovation Strategies Division
NIEA
Klondyke Building
Belfast
BT7 2JA
[REDACTED]

[REDACTED]

From: [REDACTED]
Sent: 24 February 2015 16:06
To: [REDACTED] (DETI)
Subject: RE: Emailing: Annual minerals statement 2005
Attachments: Annual minerals statement 2005.pdf

-----Original Message-----

From: [REDACTED]
Sent: 24 February 2015 15:51
To: [REDACTED] (DETI); [REDACTED]
Subject: Emailing: Annual minerals statement 2005

[REDACTED]

Sorry could you merge the guidance notes on this statement too to pdf?

Many thanks

[REDACTED]

Your message is ready to be sent with the following file or link attachments:

Annual minerals statement 2005

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.



ANNUAL MINERAL STATEMENT 2005

TABLE 1

Mineral Production in Northern Ireland 2005

(Mined under the Mines Act 1969 and the Quarries (NI) Order 1983)

MINERAL	QUANTITY (THOUSAND TONNES)		SELLING VALUE AT MINE OR QUARRY (£'000)	
	2005	2004	2005	2004
Basalt and Igneous Rock (other than Granite)	7,112	6,844	£24,074	£23,867
Sandstone	7,076	6,915	£30,997	£25,289
Limestone	5,588	5,634	£18,148	£15,520
Sand & Gravel	5,803	5,084	£25,632	£19,592
Others	2,090	1,266	£10,026	£4,579
Total	27,669	25,743	108,877	88,847

TABLE 2 (See Note 3)

Number of Persons Employed at Mines and Quarries in Northern Ireland 2004 and 2005

MINERAL	INSIDE PIT OR EXCAVATION	OUTSIDE PIT OR EXCAVATION	MANAGEMENT AND ADMIN	TOTAL EMPLOYED	
				2005	2004
Basalt and Igneous Rock (other than Granite)	96.5	120	75	291.5	366
Sandstone	124	103	63.5	290.5	354
Limestone	59.5	60.5	83.5	203.5	207
Sand & Gravel	118	91	372	581	500
Others	74	166.5	47	287.5	276
Total	472	541	641	1,654	1,703

MINERAL PRODUCTION IN NORTHERN IRELAND 2005

BASALT AND IGNEOUS ROCK (OTHER THAN GRANITE)	TONNAGE	VALUE (£'s)
Co Antrim	3869538.24	12990985.80
Co Armagh	267322	627398.00
Co Down	290585.00	1217551.00
Co Fermanagh	0.00	0.00
Co Londonderry	1802020.70	6361430.00
Co Tyrone	882174.33	2876285.09
TOTAL	7,111,640	£24,073,650

SANDSTONE	TONNAGE	VALUE (£'s)
Co Antrim	326982.00	1189594.00
Co Armagh	1380968.00	4967071.00
Co Down	5368132.00	24839951.00
Co Fermanagh	0.00	0.00
Co Londonderry	0.00	0.00
Co Tyrone	0.00	0.00
TOTAL	7,076,082	£30,996,616

LIMESTONE	TONNAGE	VALUE (£'s)
Co Antrim	279222.00	1883627.00
Co Armagh	379207.25	1358076.40
Co Down	0.00	0.00
Co Fermanagh	4191585.00	12658784.70
Co Londonderry	103288.00	1,195,156
Co Tyrone	634711.00	1052265.00
TOTAL	5,588,013	£18,147,909

SAND & GRAVEL	TONNAGE	VALUE (£'s)
Co Antrim	1137451.00	5724920.00
Co Armagh	284773.00	1533741.00
Co Down	241485.92	657309.36
Co Fermanagh	46783.00	313832.92
Co Londonderry	1200672.95	5936502.02
Co Tyrone	2891685.04	11465544.37
TOTAL	5,802,851	£25,631,850

OTHERS	TONNAGE	VALUE (£'s)
Co Antrim	697,091.65	£5,087,927.50
Co Armagh	591,862.00	£1,784,756.50
Co Down	212,411.00	£820,407.00
Co Fermanagh	4,478.00	£11,455.15
Co Londonderry	355293.58	£1,579,071.00
Co Tyrone	228,425.58	£742,451.00
TOTAL	2,089,562	£10,026,068

TOTAL	TONNAGE	VALUE
	27,668,148	£108,876,093