



1015

OCCUPATIONAL HYGIENE AND ENVIRONMENTAL MONITORING LABORATORY
TEST REPORT

Site:

Manor Farm

Client:

Ms. F Pollard
Environmental Health & Housing
Borough Council of King's Lynn & West Norfolk
Kings Court
Chapel Street
King's Lynn
Norfolk
PE30 1EX

Job Number: 23102

Report Number: FD/ 11549

Report Date: 26/05/2017

Method N°. ENV/FD01: The determination of Fugitive Dust Based on BS 872: 2005
UKAS accredited tests are denoted by an asterisk(*)

ESG does not accept any responsibility for the sampling associated with the results reported below.

The dust samples will be retained at the laboratory for a period of 6 months in case extended analysis is required in future. Liquids associated with dust samples are not normally retained at the laboratory.

Report Comment:

Approved by:

.....
John Perry, Senior Analyst
Environmental Laboratory
Direct Dial: 01283 554488

Report Number FD/ 11549 Job Number 23102 ID Number 126810
 Site Description Manor Farm
 Sample 1. Manor Farm Bungalow
 Date Received 04/05/2017 Sampling Period 30/03/2017 to 27/04/2017 28 Days

UKAS accredited tests are denoted by an asterisk(*)

Method ENV/FD01 **Gauge Type** Frisbee deposit gauge

* Dust mass (mg) 32

Deposition (mg.m⁻².d⁻¹) 29

Detection Limit (mg) 0.5 Date Tested 17/05/2017

Method

Result LOD Date Tested

Test / Direction	Measured Value *	Units	Reported Result	Units
No additional tests requested				

TEST REPORT



Report Number FD/ 11549 Job Number 23102 ID Number 126811
Site Description Manor Farm
Sample 2. 26 Chequers Lane
Date Received 04/05/2017 Sampling Period 29/03/2017 to 27/04/2017 29 Days

UKAS accredited tests are denoted by an asterisk(*)

Method ENV/FD01 **Gauge Type** Frisbee deposit gauge

* Dust mass (mg) 30

Deposition ($\text{mg}\cdot\text{m}^{-2}\cdot\text{d}^{-1}$) 26

Detection Limit (mg) 0.5 Date Tested 17/05/2017

Method

Result **LOD** **Date Tested**

Test / Direction	Measured Value *	Units	Reported Result	Units
No additional tests requested				

Report Number FD/ 11549 Job Number 23102 ID Number 126812
Site Description Manor Farm
Sample 3. Manor Farm Cottages
Date Received 04/05/2017 Sampling Period 29/03/2017 to 27/04/2017 29 Days

UKAS accredited tests are denoted by an asterisk(*)

Method ENV/FD01 **Gauge Type** Frisbee deposit gauge

* Dust mass (mg) 20

Deposition ($\text{mg}\cdot\text{m}^{-2}\cdot\text{d}^{-1}$) 17

Detection Limit (mg) 0.5 Date Tested 17/05/2017

Method

Result **LOD** **Date Tested**

Test / Direction	Measured Value *	Units	Reported Result	Units
No additional tests requested				

Report Number FD/ 11549 Job Number 23102 ID Number 126813
Site Description Manor Farm
Sample 4. Manor Farm House
Date Received 04/05/2017 Sampling Period 29/03/2017 to 27/04/2017 29 Days

UKAS accredited tests are denoted by an asterisk(*)

Method ENV/FD01 **Gauge Type** Frisbee deposit gauge

* Dust mass (mg) 18

Deposition (mg.m⁻²d⁻¹) 16

Detection Limit (mg) 0.5 Date Tested 17/05/2017

Method

Result **LOD** **Date Tested**

Test / Direction	Measured Value *	Units	Reported Result	Units
No additional tests requested				

TEST REPORT

Report Number FD/ 11549 Job Number 23102 ID Number 126814
 Site Description Manor Farm
 Sample 5. Oak Avenue
 Date Received 04/05/2017 Sampling Period 29/03/2017 to 27/04/2017 29 Days

UKAS accredited tests are denoted by an asterisk(*)

Method ENV/FD01 **Gauge Type** Frisbee deposit gauge

* Dust mass (mg) 23

Deposition (mg.m⁻².d⁻¹) 20

Detection Limit (mg) 0.5 Date Tested 17/05/2017

Method

Result	LOD	Date Tested		
Test / Direction	Measured Value *	Units	Reported Result	Units
No additional tests requested				

TEST REPORT
EXAMINATION BY SCANNING ELECTRON
MICROSCOPY-ENERGY DISPERSIVE X-RAY
ANALYSIS (SEM-EDS)

Site:

Manor Farm

Client:

Ms. F Pollard
Environmental Health & Housing
Borough Council of King's Lynn & West Norfolk
Kings Court
Chapel Street
King's Lynn
Norfolk
PE30 1EX

Job Number: 23102

Report Number: OHEM/11549/SEM/0001

Date Received: 04/05/2017

Analysis Completed By: 18/05/2017

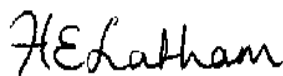
Date Reported: 26/05/2017

Identification of Dust Gauge / Environmental Deposits by SEM-EDS Method Number ENV/SEMDG7

- The examination procedure is based on an assessment of fifty individual particles selected at random.
- The estimated percentage is based on a comparison of the relative number of particles counted in each category.
- Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation.
- ESG does not accept any responsibility for the sampling associated with the results reported below.

Comment:

Analysed By: David Cowper
Senior SEM Analyst

Approved By: 

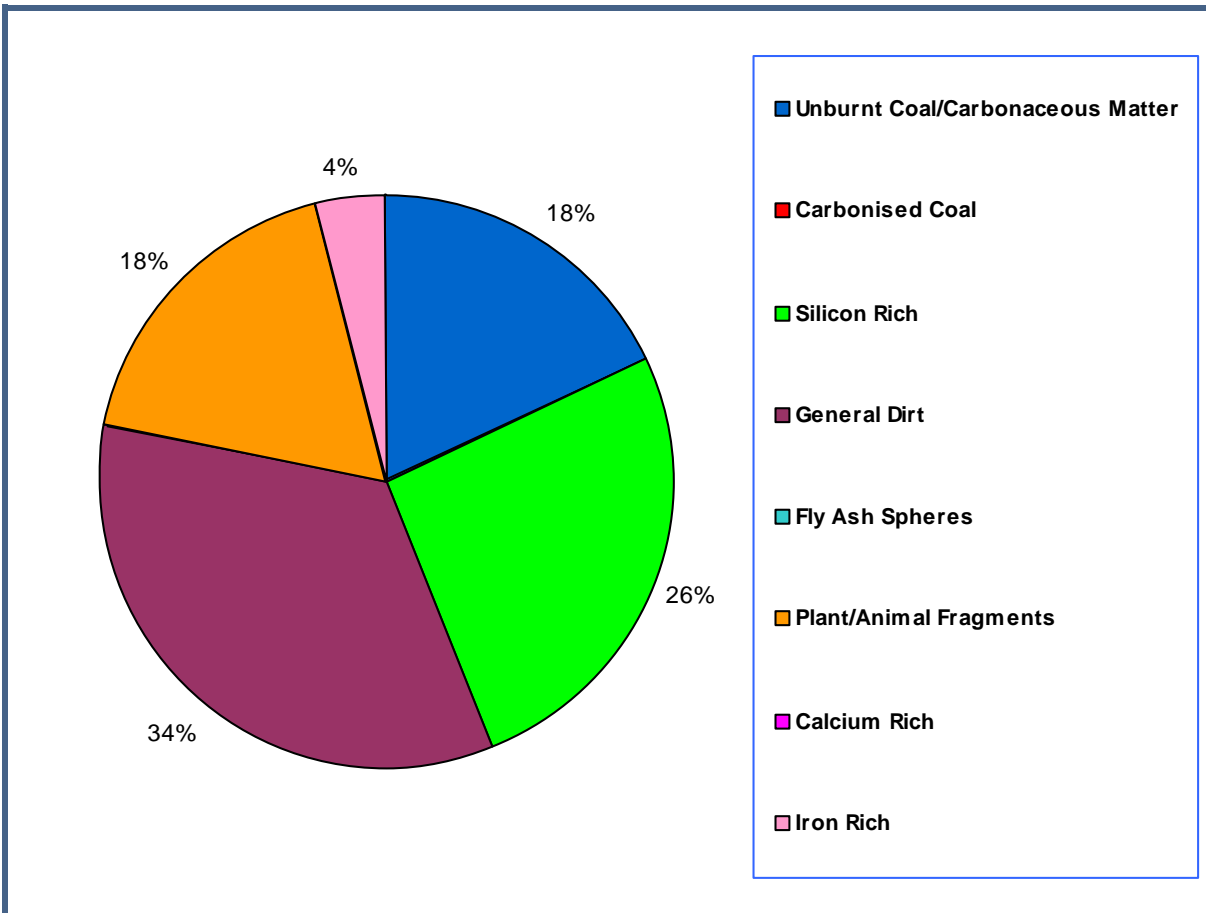
.....
Helen Latham, Team Leader
Environmental Laboratory
Direct Dial: 01283 554486

OCCUPATIONAL HYGIENE & ENVIRONMENTAL MONITORING LABORATORY

RESULTS OF SEM-EDS EXAMINATION

Report Number: **OHEM/11549/SEM/0001**

Location	Frisbee Deposit 1. Manor Farm Bungalow
Sampling Period	30/03/2017 - 27/04/2017
ESG OHEM LIMS Sample ID Number	126810
Date Analysed	18 May 2017

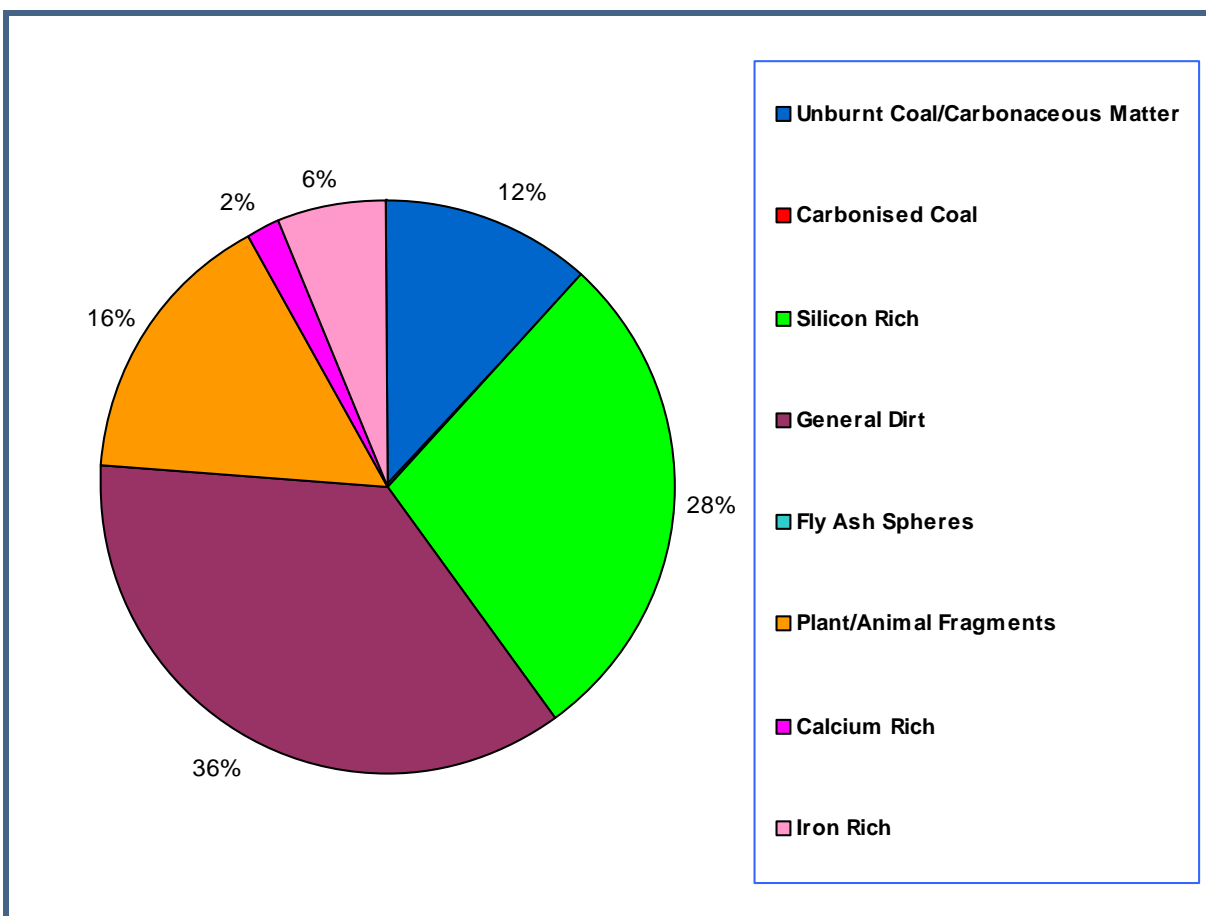


OCCUPATIONAL HYGIENE & ENVIRONMENTAL MONITORING LABORATORY

RESULTS OF SEM-EDS EXAMINATION

Report Number: **OHEM/11549/SEM/0001**

Location	Frisbee Deposit 2. 26 Chequers Lane
Sampling Period	29/03/2017 - 27/04/2017
ESG OHEM LIMS Sample ID Number	126811
Date Analysed	18 May 2017

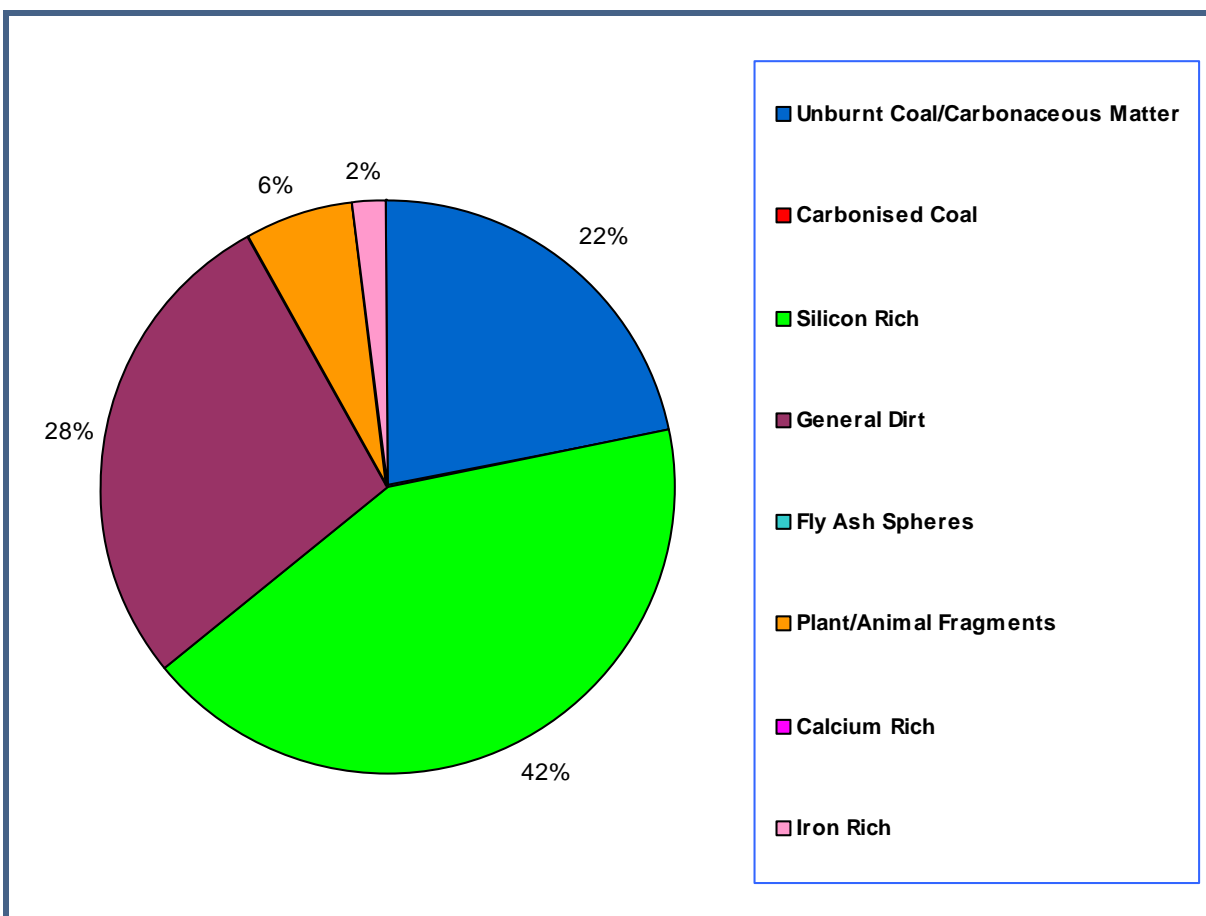


OCCUPATIONAL HYGIENE & ENVIRONMENTAL MONITORING LABORATORY

RESULTS OF SEM-EDS EXAMINATION

Report Number: **OHEM/11549/SEM/0001**

Location	Frisbee Deposit 3. Manor Farm Cottages
Sampling Period	29/03/2017 - 27/04/2017
ESG OHEM LIMS Sample ID Number	126812
Date Analysed	18 May 2017

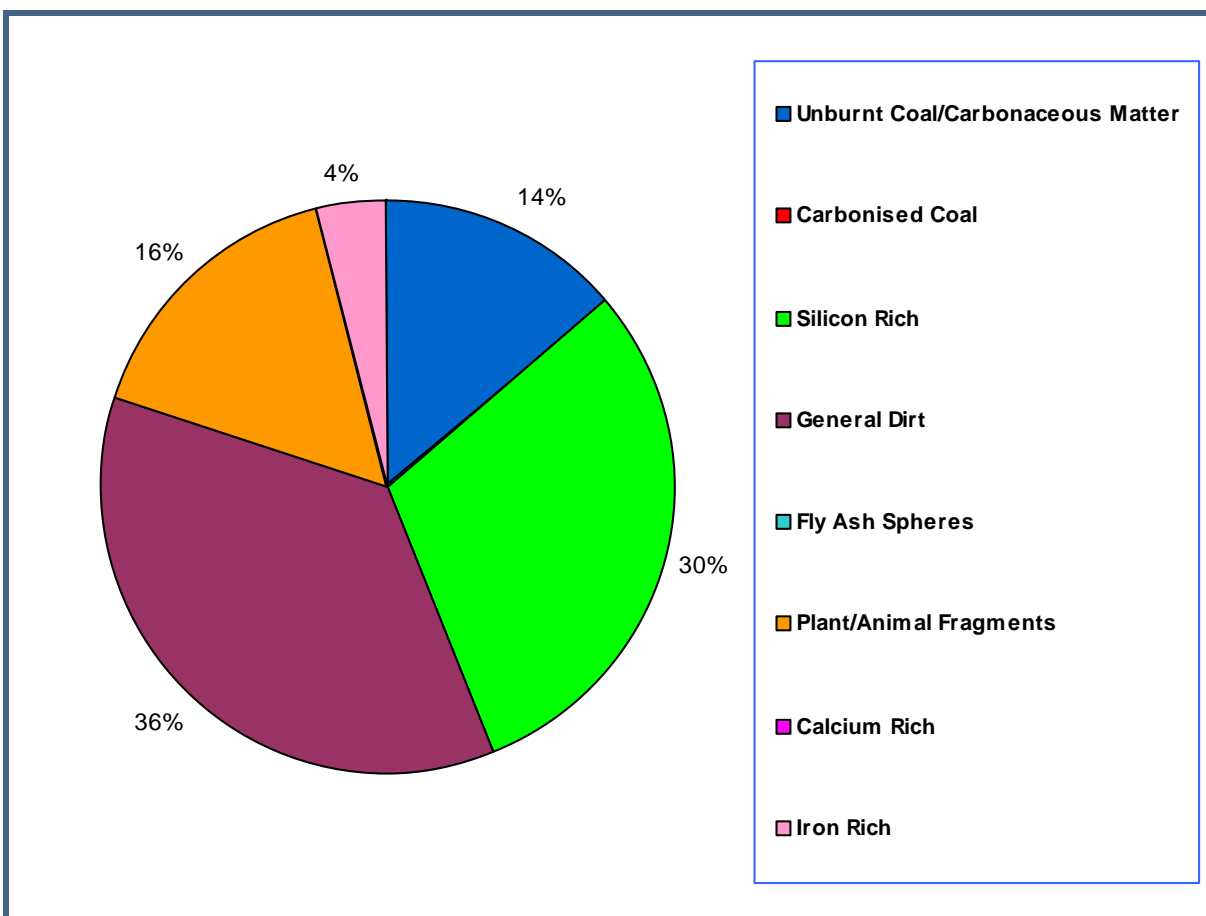


OCCUPATIONAL HYGIENE & ENVIRONMENTAL MONITORING LABORATORY

RESULTS OF SEM-EDS EXAMINATION

Report Number: **OHEM/11549/SEM/0001**

Location	Frisbee Deposit 4. Manor Farm House
Sampling Period	29/03/2017 - 27/04/2017
ESG OHEM LIMS Sample ID Number	126813
Date Analysed	18 May 2017



OCCUPATIONAL HYGIENE & ENVIRONMENTAL MONITORING LABORATORY

RESULTS OF SEM-EDS EXAMINATION

Report Number: **OHEM/11549/SEM/0001**

Location	Frisbee Deposit 5, Oak Avenue
Sampling Period	29/03/2017 - 27/04/2017
ESG OHEM LIMS Sample ID Number	126814
Date Analysed	18 May 2017

