



**National Reserves Department**  
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Our Ref: NR/MDF

28<sup>th</sup> September 2018

Mr Steven Osborne-James  
Planning Policy Team  
Nottinghamshire County Council  
Trent Bridge House  
West Bridgford  
Nottingham NG2 6BJ

Dear Mr Osborne-James

### **Nottinghamshire Minerals Local Plan – Draft Plan Consultation**

I refer to the latest draft plan consultation and my letter to you of 11<sup>th</sup> January 2018 in response for your call for sites. I have already responded on-line commenting and objecting to the lack of plan provision for mineral supply to meet demand over the plan period and the seven years beyond this. I am now therefore writing to update you regarding the drilling programme which we mentioned would be taking place at East Leake during the summer and to update you on our reserve position at Cromwell Quarry.

#### **East Leake North (MP2q)**

You will recall that I confirmed that CEMEX had secured a prospecting agreement with the landowner to facilitate further geological investigations with drilling programmed to take place in May and that based on our existing understanding of the local geology I confirmed a provisional net volume of 750,000 tonnes. I am now able to attach a memo from our geologists which unfortunately confirms that the site does not contain any commercial mineral. Accordingly, I withdraw the site for inclusion in the future minerals plan.

#### **Cromwell**

I note that the draft plan makes provision for 2.4 million tonnes from the site based on the plan period 2017 to 2036. You will be aware though through more recent AMR returns that the position has changed drastically at the site. Following recent geological evaluation it is now estimated that the site only contains some 1.36 million tonnes which means that the actual reserve less 2017 production is some 0.756million tonnes lower than the provision stated in draft Policy MP2.

Both instances illustrate the variabilities of mineral planning and why is it essential for the Minerals Plan to build in an element of flexibility with regard to supply. Accordingly, we again advocate the inclusion of sites at Cromwell North and Barton in Fabis for

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inclusion in the plan and I confirm that we are working up applications for submission of both in advance of the planned Examination in Public.

Yours sincerely

Mark Kelly  
Planning Manager

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**East Leake Quarry - Elms Farm Site Investigation - August 2018**

CEMEX completed a Site Investigation (S.I.) at the site known as 'Elms Farm' (also referred to as 'The Site') on 16/8/2018, consisting of 11no. Cable Percussion boreholes to a maximum depth of 12m below ground level (bgl). The results of these holes did not prove the presence of material of sufficient quality or quantity to recommend further investigation at The Site.

**Borehole Details**

The as-drilled borehole logs are attached for reference, along with a corresponding borehole location plan.

The aim of each borehole was to intercept layers of sand and gravel (aka 'mineral'), or to disprove the presence of such mineral either by intercepting bedrock or known basal sediments, or to encounter such a thickness of overburden such that any sand and gravel layer subsequently intercepted would be deemed uneconomic.

Upon drilling, only borehole BH01 exhibited any material that may, if encountered in conjunction with other prospective boreholes, have contributed a potentially economic deposit. However, all remaining boreholes were devoid of mineral, and as such The Site is not considered of economic significance.

**Resource Estimation**

Given the lack of mineral encountered during the site investigation, a calculation of contained tonnage has not been undertaken based on the data obtained from this S.I. It is advised that no economic deposit of sand and gravel will be found at this site, and as such The Site should be removed from the Minerals Local Plan.

**Further Work**

Further work is not recommended at this site.

**Laboratory Testing Results**

Laboratory testing has not been undertaken on any samples from this S.I.

I hope this information is of use to you. If you require any further details, please don't hesitate to get in touch.

Best Regards,



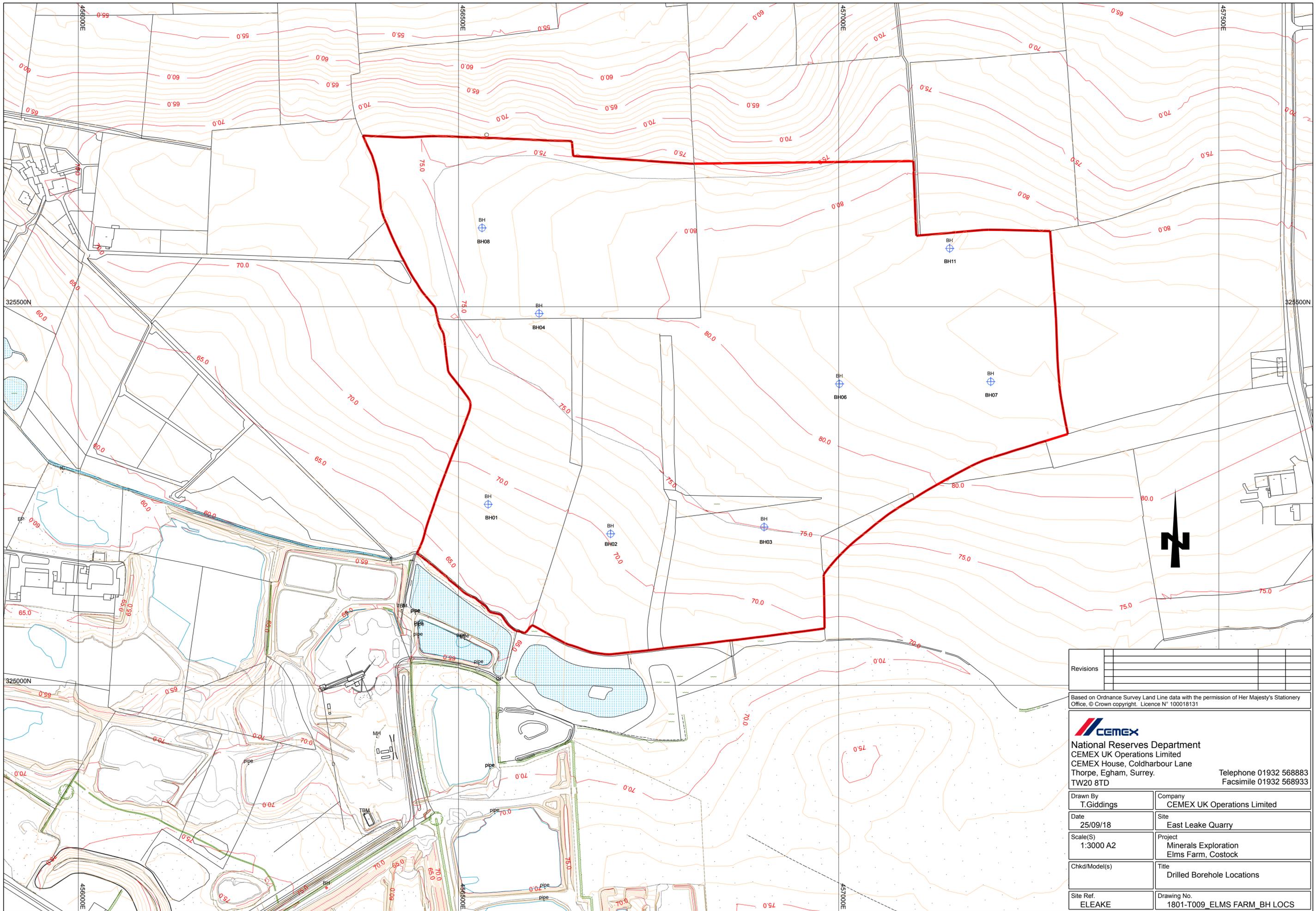
Will Jones  
Senior Geogist

**CEMEX UK Operations Limited**

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Revisions			

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 TW20 8TD Facsimile 01932 568933

Drawn By T.Giddings	Company CEMEX UK Operations Limited
Date 25/09/18	Site East Leake Quarry
Scale(S) 1:3000 A2	Project Minerals Exploration Elms Farm, Costock
Chkd/Model(s)	Title Drilled Borehole Locations
Site Ref. ELEAKE	Drawing No. 1801-T009_ELMS FARM_BH LOCS

# METCALFE BROS

16 Coniston Road Carnforth Lancashire LA5 9AZ  
Office: 01524 734450 Mobile: 07831 121561

Site Name: **ELMS FARM**

Date: **WEDNESDAY**  
**14/8/18 - 15/8/18**

Client: **CEMEX**

Drillers & Rig: **DANDO ISO STA**  
**A METCALFE**

BH No: **01-18**

## DRILLING DONE OVER 2 DAYS BOREHOLE RECORD

SHEET No. **1** of **1**

Weather **DRY WARM**

DESCRIPTION OF STRATA	DEPTH (mBGL)		SAMPLE	THICKNESS
	Top	Bottom		
<b>STONEY SOIL</b>	<b>GL</b>	<b>0.40 CM</b>		
<b>SOFT TO FIRM REDDISH STONEY CLAY WITH BLUE STAIN</b>	<b>0.40</b>	<b>3.20</b>	<b>H.1</b>	<b>0.40-3.20</b>
<b>VERY SILTY REDDISH FINE TO COARSE GRAVELLY SAND SOME CHARCOAL AND SOFT CLAYEY BANDS.</b>	<b>3.20</b>	<b>4.80</b>	<b>B2</b>	<b>3.20-4.60</b>
<b>SOFT TO FIRM RED GRAVELLY SANDY CLAY.</b>	<b>4.80</b>	<b>4.90</b>		
<b>REDDISH VERY SILTY GRAVELLY SAND - SOME CHARCOAL IN SAMPLE</b>	<b>4.90</b>	<b>5.80</b>	<b>B3</b>	<b>4.60-5.80</b>
<b>DENCE BROWN SANDY FINE TO COARSE GRAVEL SILTY.</b>	<b>5.80</b>	<b>7.00</b>	<b>B4</b>	<b>5.80-6.80</b>
<b>VERY SILTY REDDISH BROWN FINE TO COARSE GRAVELLY SAND WITH FEW THIN SOFT RED CLAYEY BAND WITH BOUND CHARCOAL</b>	<b>7.00</b>	<b>10.40</b>	<b>B5</b> <b>B6</b> <b>B7</b>	<b>6.80-7.80</b> <b>7.80-8.80</b> <b>8.80-10.40</b>
<b>DENCE BROWN SILTY FINE TO COARSE GRAVEL WITH FINE TO COARSE SAND SOME SMALL CHARCOAL PIECES IN SAMPLE.</b>	<b>10.40</b>	<b>11.30</b>	<b>B8</b>	<b>10.40-11.30</b>
<b>RED AND BLUE MARL CLAY TURNING TO MORE SHALE WITH DEPTH.</b>	<b>11.30</b>	<b>12 METS</b>	<b>H.9</b>	<b>11.30-12.00</b>

Casing Details			Installation Details (well/piezometer/standpipe)	Sample Types	
diameter	from	to	<b>HAND DIG SERVICE PIT</b>	Undisturbed	U
<b>150mm</b>	<b>GL</b>	<b>11.80</b>	<b>20 METS</b>	Disturbed <b>2</b>	D
				Bulk <b>7</b>	B
				Water	W

Water Strikes	Obstructions/Details/Chiselling	Plant/Equipment on Site
<b>ADD WATER TO ASSIST DRILLING FROM 7 METS</b>		
<b>RESTART WATER LEVEL 15/8/18 AT 8.75 CAUTION AT 10.40 HOLD 10.40</b>		
<b>FINISH WATER LEVEL CASING OUT OF HOLE WATER AT 7.50</b>		

Driller's Signature: 

Client's Signature: \_\_\_\_\_









# METCALFE BROS

16 Coniston Road Carnforth Lancashire LA5 9AZ  
Office: 01524 734450 Mobile: 07831 121561

Site Name: **ELMS FARM**

Client: **C.E.MEX**

BH No: **BH07-18**

Date: **MONDAY 13/8/18**

Drillers & Rig: **DANDO 150 S&A. A METCALFE**

## BOREHOLE RECORD

SHEET No. **1** of **1**

Weather **DRY WARM**

DESCRIPTION OF STRATA	DEPTH (mBGL)		SAMPLE	THICKNESS
	Top	Bottom		
STONEY SOIL.	GL	0.30m		
VERY STIFF REDDISH STONEY CLAY WITH BLUE STAINING	0.30	4.80		
VERY STIFF GREY COBBLE CLAY	4.80	5.20		
STRONG BLUE GREY CEMENT STONE OR STONE?	5.20	5.40	H.1	5.20-5.40
STOP HOLE AT 5.40 NO PROGRESS DAMAGE TO CLAY CUTTER SHOE				
ALSO BEND IN CASING SHOE TRYING TO GET CASING DOWN TO ROCK.				

Casing Details			Installation Details (well/piezometer/standpipe)	Sample Types	
diameter	from	to		Undisturbed	U
150m	GL	5.20		Disturbed	D
				Bulk	B
				Water	W

Water Strikes	Obstructions/Details/Chiselling	Plant/Equipment on Site
DRY -	PICK UP RIG CASING ETC FROM EAST LEAKE QUARRY 1/2 HR FILL WATER BOLSER 1/2 HR HAND DIG PIT 20 MINS 1 1/2 HOURS CHISEL ROCK 5.20-5.40	

Driller's Signature



Client's Signature



