

APPENDIX 6

BGS BOREHOLE LOGS, BGS MINERAL RESOURCES MAP FOR GREATER MANCHESTER AND GREATER MANCHESTER JOINT MINERALS PLAN MINERAL SAFEGUARDING MAP

WELL BORING at

Geol. map

Made by

J. Thom Ltd.

Sunk

feet.

Bored

501

feet.

Date

1953.

Communicated by

J. Thom July 1934

Height above Ordnance Datum

1750

Rest level of water

Yield

Quality (with copy of analysis on separate sheet)

No information supplied

approx. 8046 0637.

GEOLOGICAL FORMATION.	NATURE OF STRATA.	THICKNESS.		DEPTH.	
		Feet.	Inches.	Feet.	Inches.
	Well	30	-	30	- 9.144
	Clay	23	-	53	- 16.15
	Sand	7	-	60	- 18.29
	Clay	27	-	87	- 26.52
	Sandy clay	50	-	137	- 41.76
	Brown clay	53	-	190	- 57.91
	Grey rock	14	-	204	- 62.18
	Red marls	18	-	222	- 67.61
	Variiegated marls	15	-	237	- 72.24
	Red & blue marls	49	-	286	- 87.17
	Brown marl	9	-	295	- 89.92
	Grey rock	6	-	301	- 91.74
	Variiegated marl	12	-	313	- 95.49
	Brown marl	53	-	366	- 111.50
	Red marl	22	-	388	- 118.26
	Red & blue marl	13	-	401	- 122.22
	Red sandstone	6	-	407	- 124.05
	Sandstone marl beds	4	-	411	- 125.27
	Red sandstone	28	-	439	- 133.81
	Red marls	4	-	443	- 135.03
	Red sandstone	48	-	491	- 149.66
	Hard grey rock	5	-	496	- 151.18
	Red & grey rock.	5	-	501	- 152.70

SD80/119

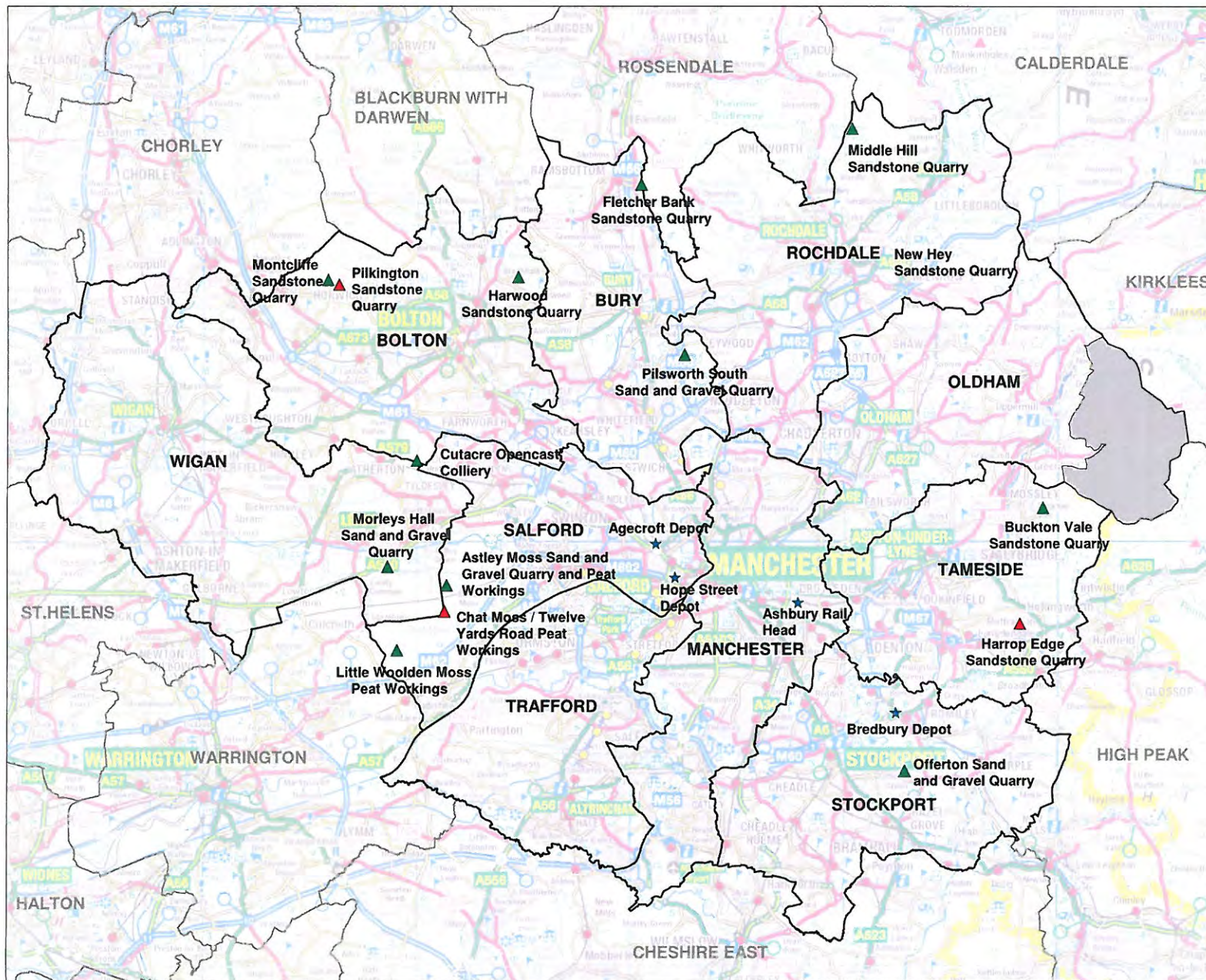
Test Pumping Datum (if different from borehole datum)	EDGE OF MANHOLE (mbd)	above m below borehole datum
Pump Suction Depth	93	mbd
Water Level (Start of Test)	42.73	mbd
Water Level (End of Test)	86.70	mbd
Pumping rate	6.94 m ³ HOUR	m ³ /d - 1/5
for	14	days/hours
Recovery to (from end of pumping)	42.58 mbd	in 15 mins - hrs - days
Date(s) of measurements		
Please Supply Chemical Analysis If Available		

D. STRATA LOG

Geological Classification	Description of Strata	Thickness m	Depth m
(BGS only)			
	CONCRETE	0.50	0.50
	INFILL	2.20	2.70
	SANDS AND CLAY BANDS	54.30	57.00
	RED MARL AND SANDSTONE	13.00	70.00
	RED AND GREY MARL	93.50	163.50
	RED AND GREY SANDSTONE	18.50	182.00
	[continue on separate page if necessary]		
	Other Comments (eg gas encountered, saline water intercepted, etc)		

FOR OFFICIAL USE ONLY

FILE CONSENT NO BGS REF NO
 LICENCE NO USE OF BH NGR.....

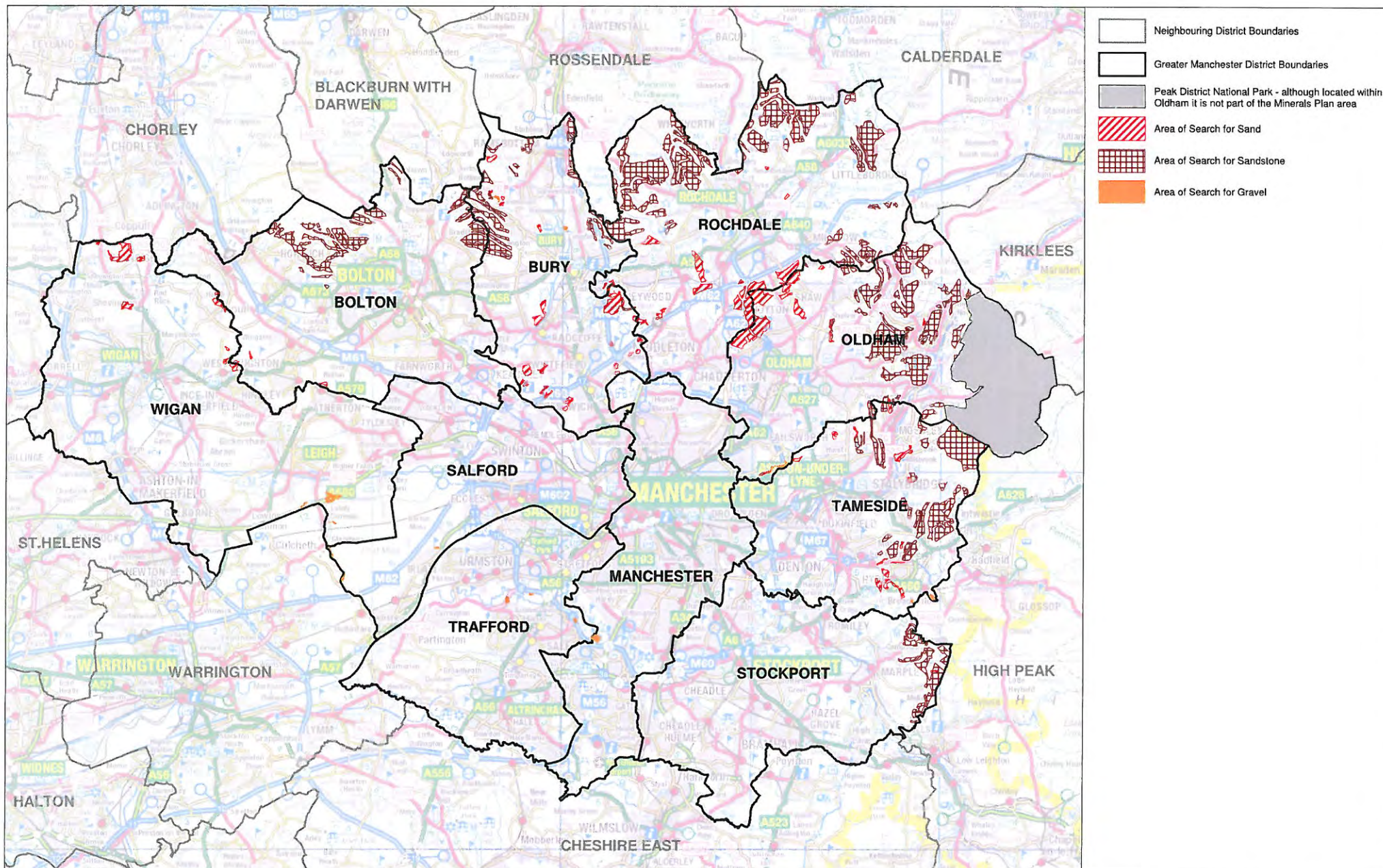


- Greater Manchester Districts
- Neighbouring District Boundaries
- Peak District National Park - although located within Oldham it is not part of the Minerals Plan area
- ▲ Inactive Mineral Extraction Sites
- ▲ Active Mineral Extraction Sites
- ★ Rail Depots

Inactive sites are those which have not been worked at any point within the previous year. In this case January - December 2010.

The following quarries have been identified by the English Heritage BGS Strategic Stone Study (SSS) as being important for maintaining and repairing historic buildings:

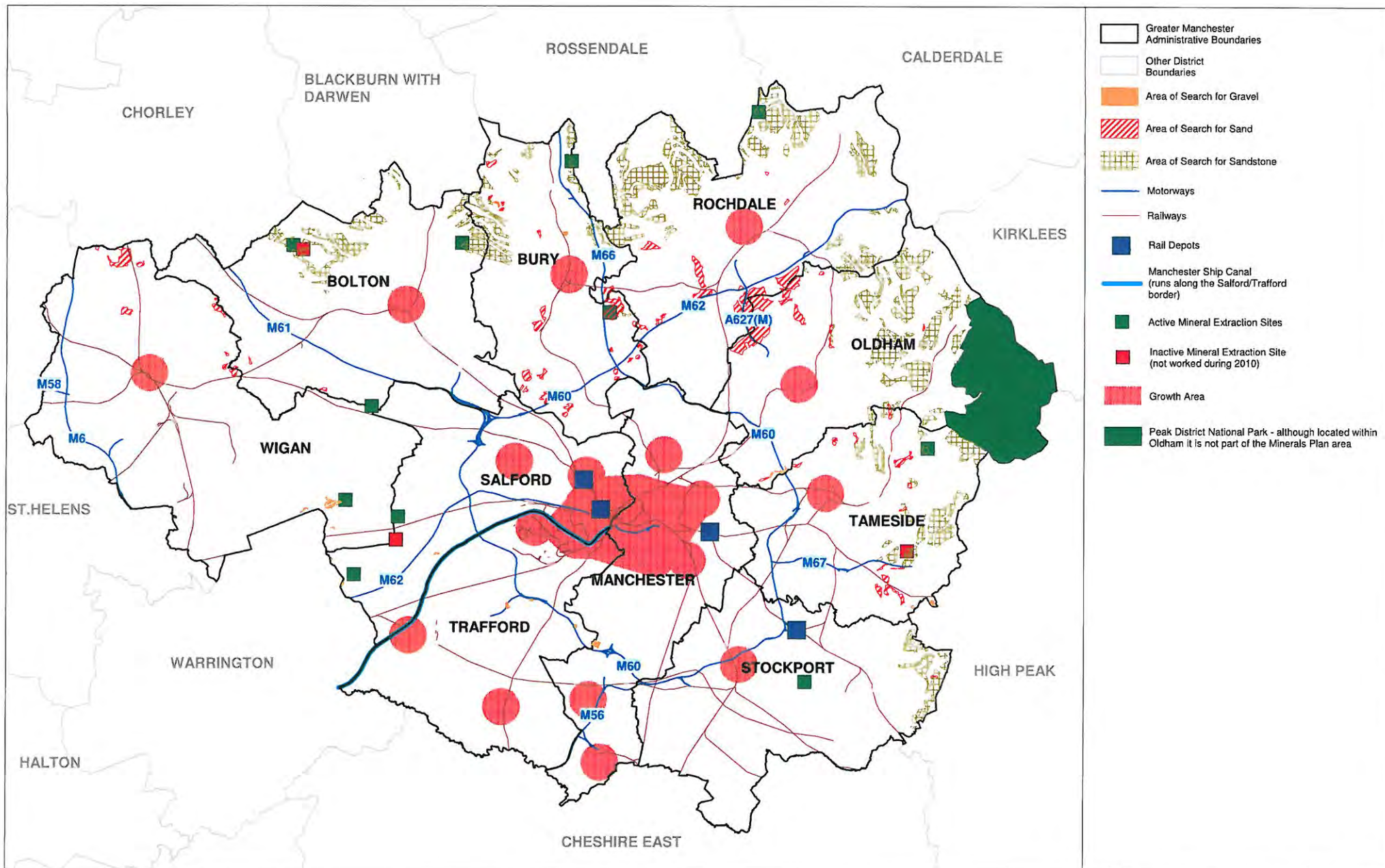
Buckton Vale
Harwood Quarry
Fletcher Bank Quarry
Middle Hill Quarry
Montcliffe Quarry



Map 2 - Areas of Search for Minerals in Greater Manchester

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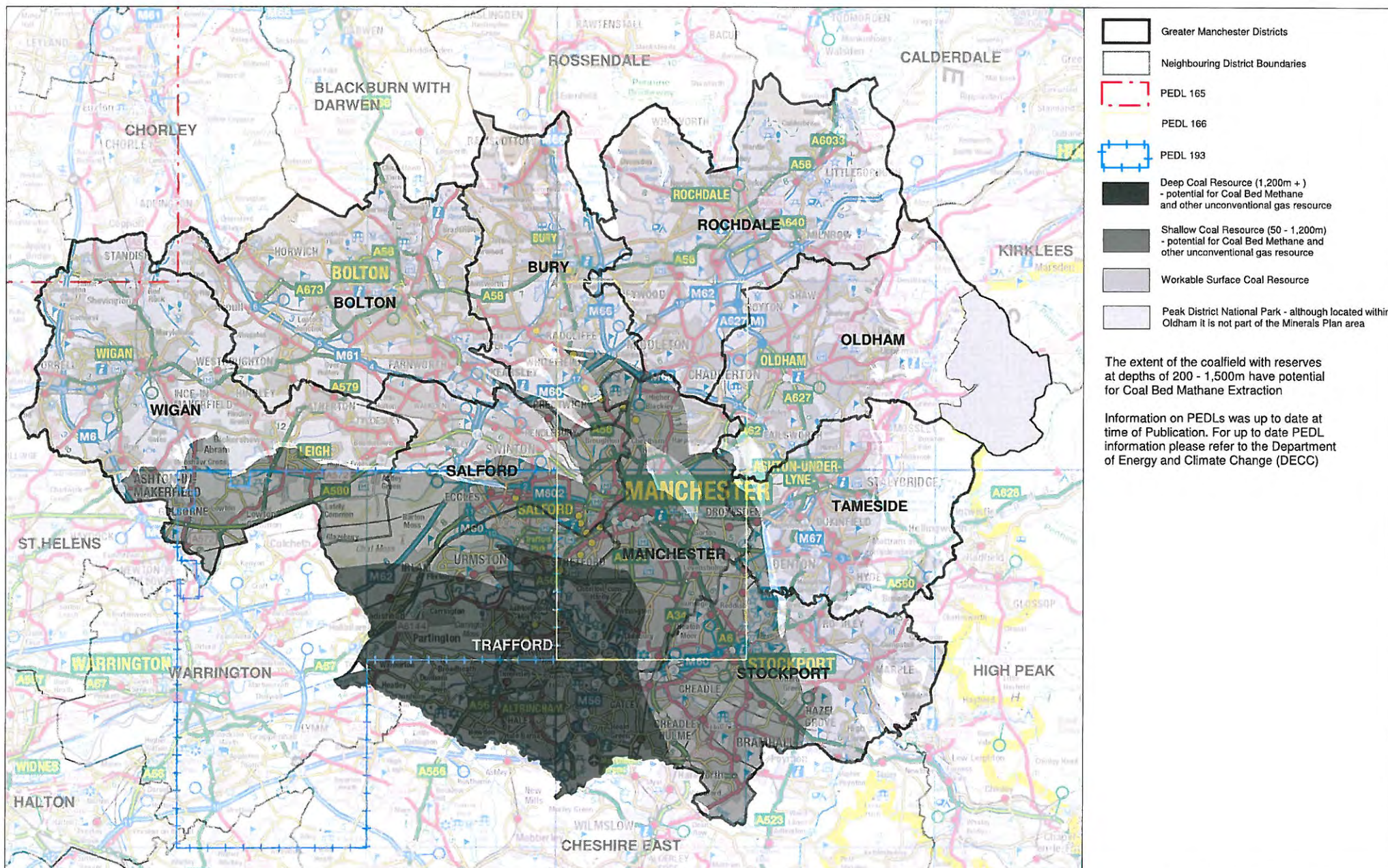
Scale @ A3
1cm = 1.85km



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Map 2a - Greater Manchester Spatial Distribution of Mineral Sites and Rail Depots with Key Locational Criteria

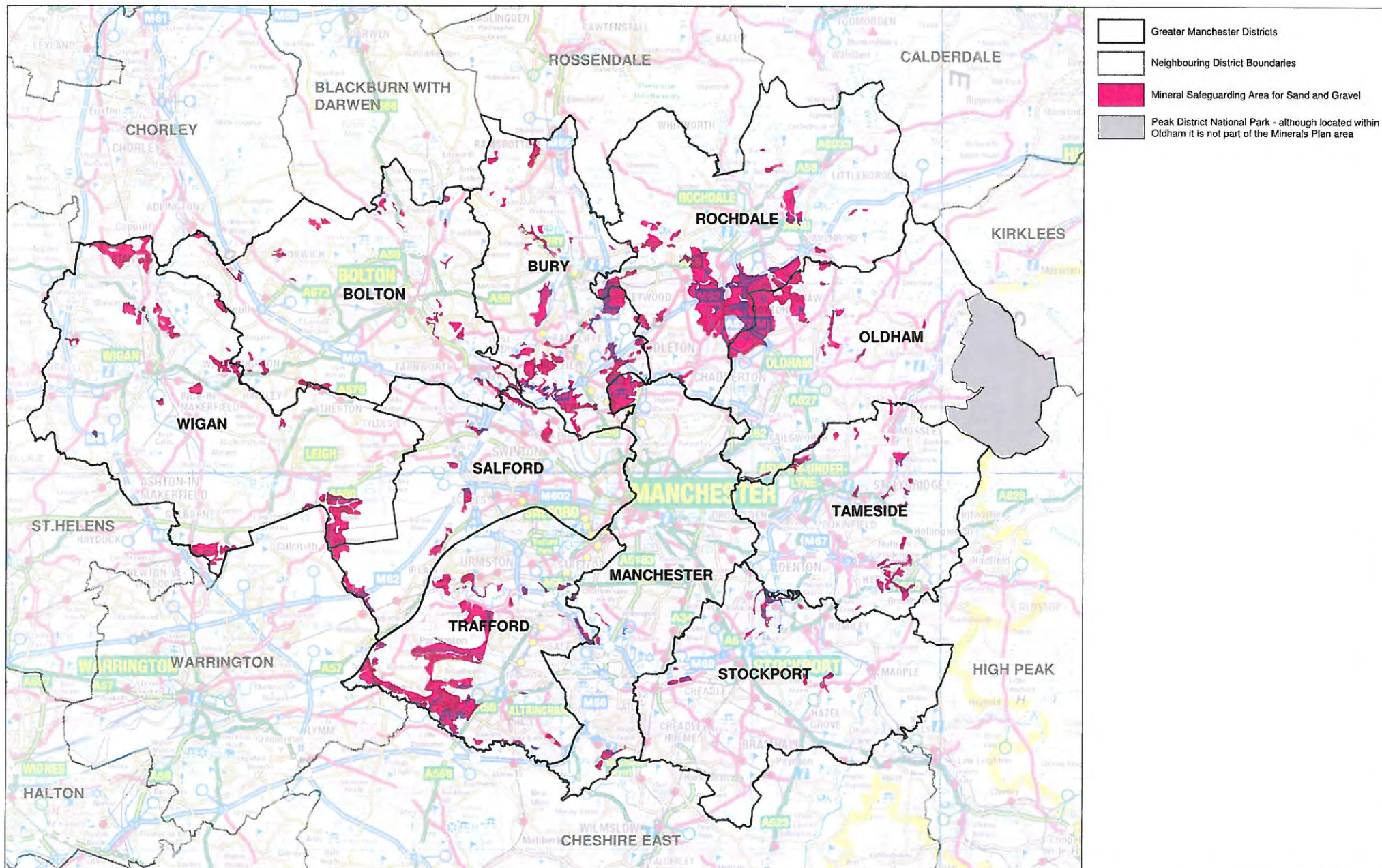


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1cm = 1.85km

Map 3 - Coal Resource and Petroleum Exploration Development Licenses (PEDLs) in Greater Manchester

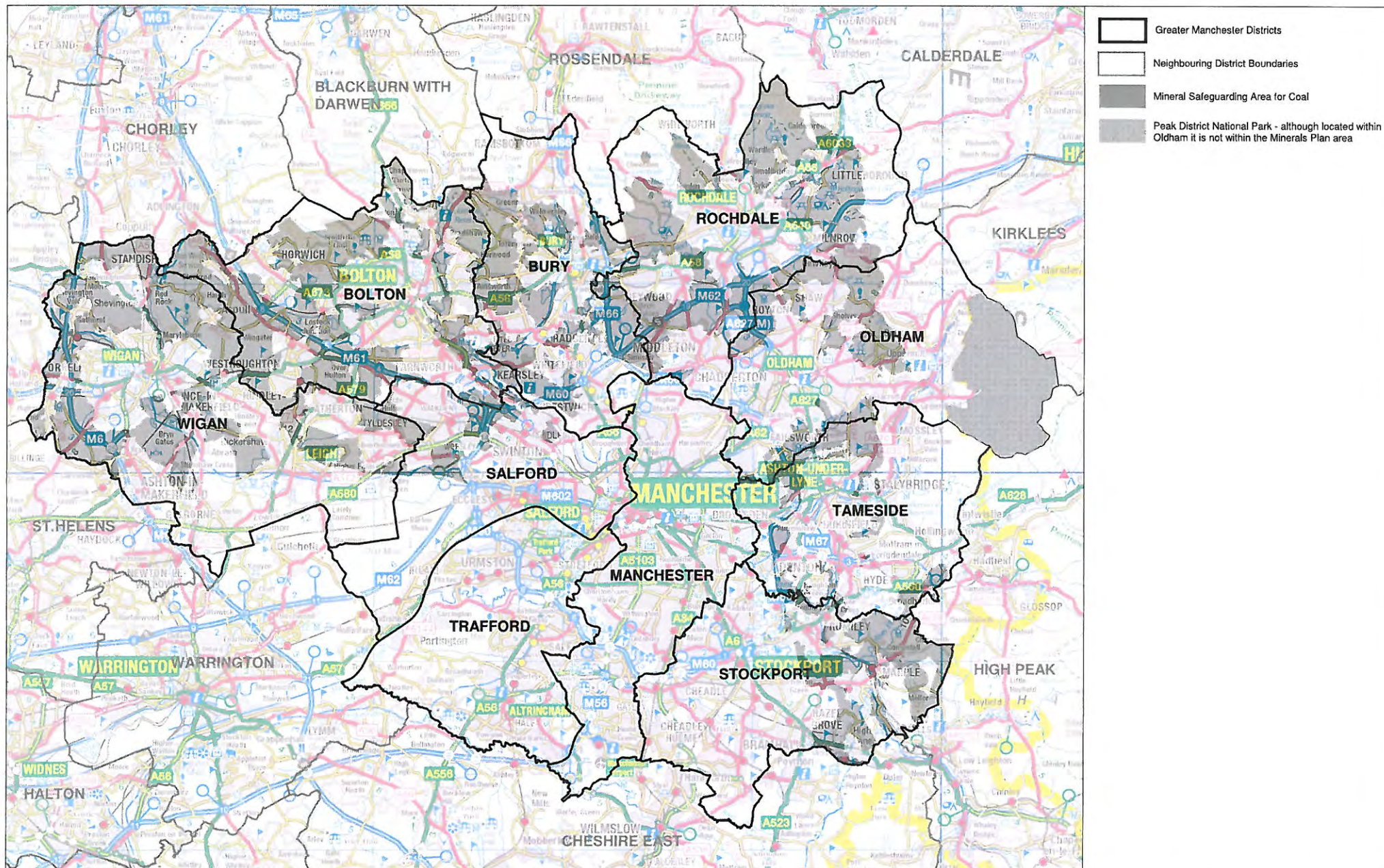


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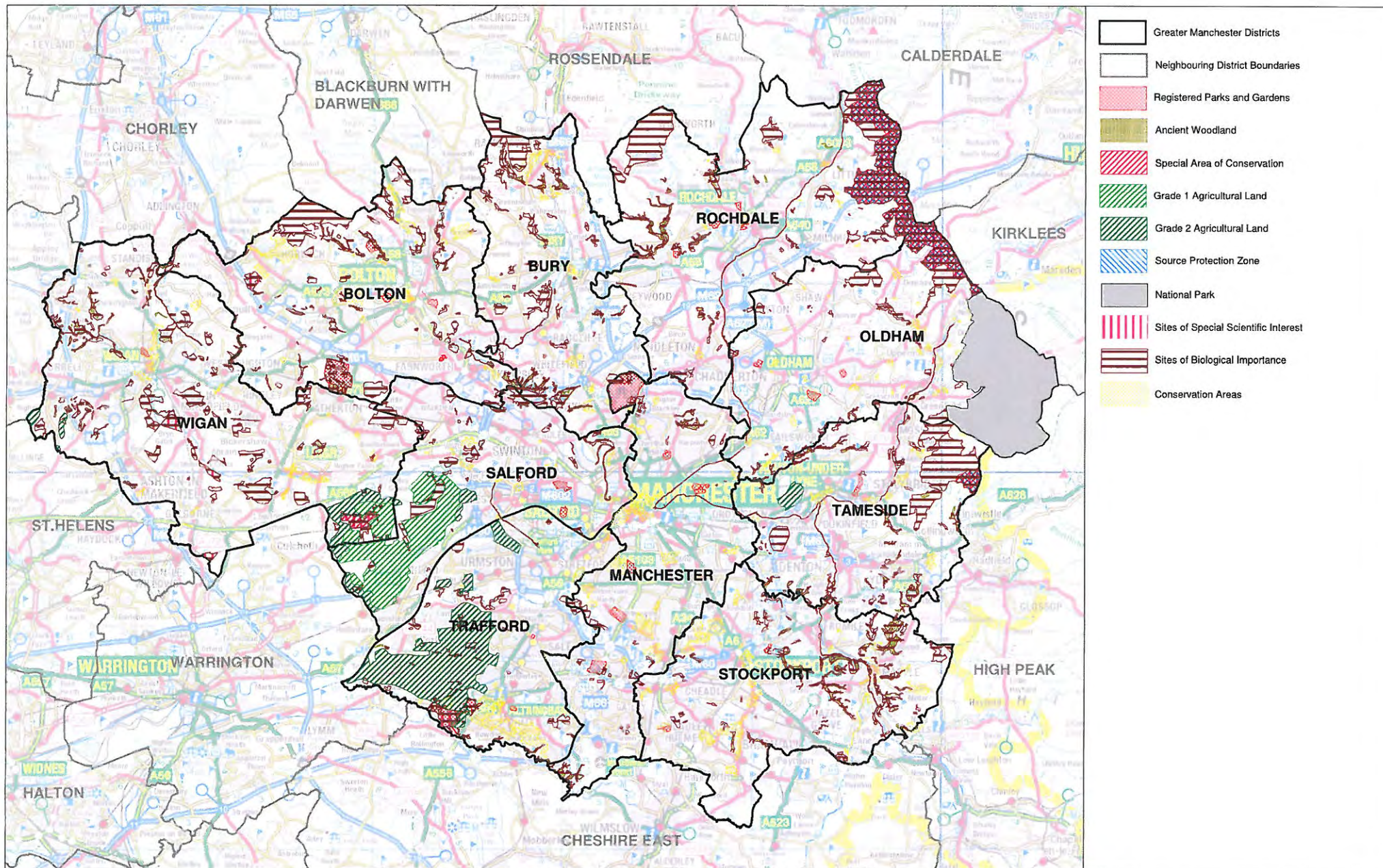
Scale @ A3
 1cm = 1.85km

**Map 4 - Mineral Safeguarding
 Area for Glaciofluvial Sand
 and Gravel**



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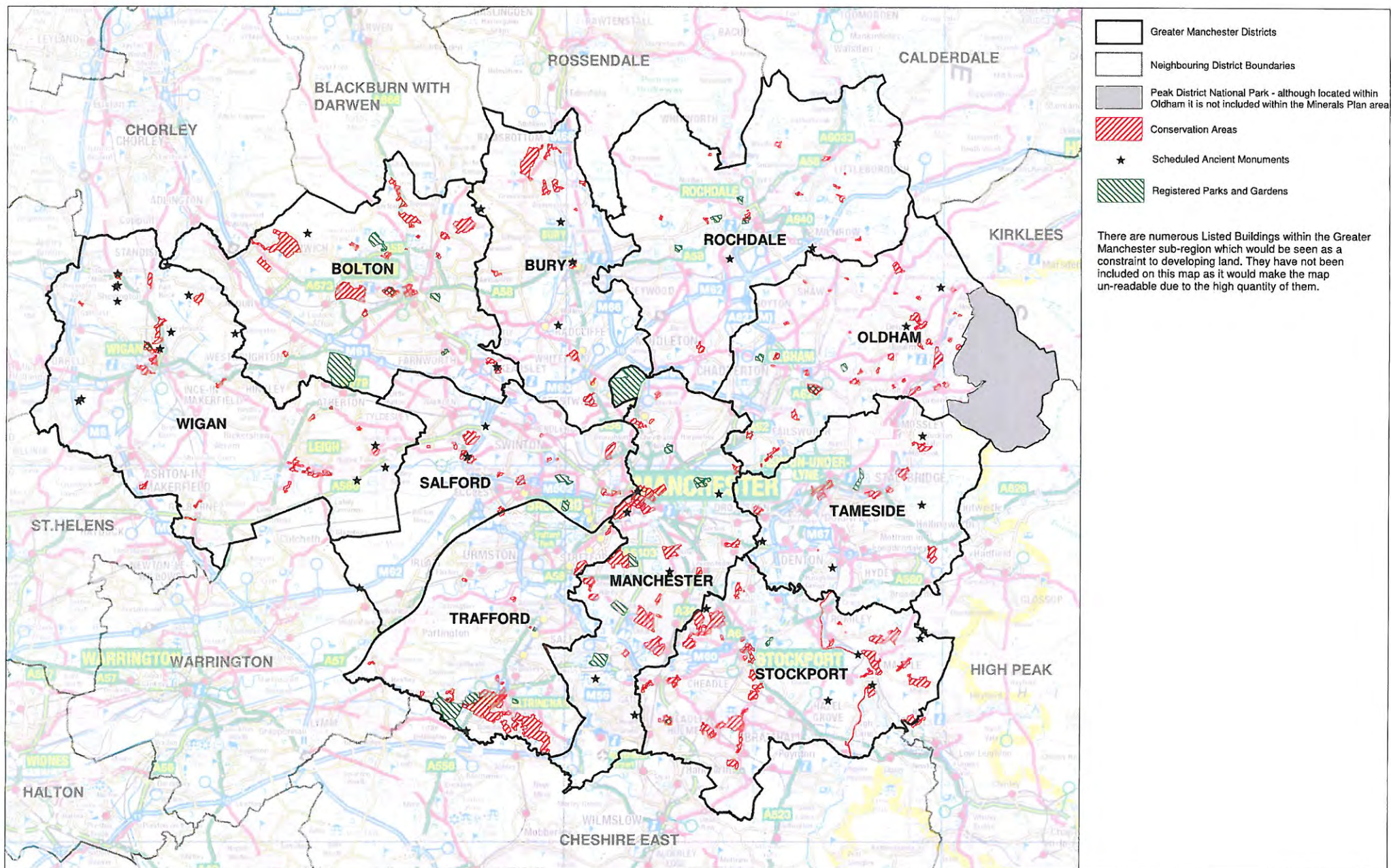


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Scale @ A3
 1cm = 1.85km

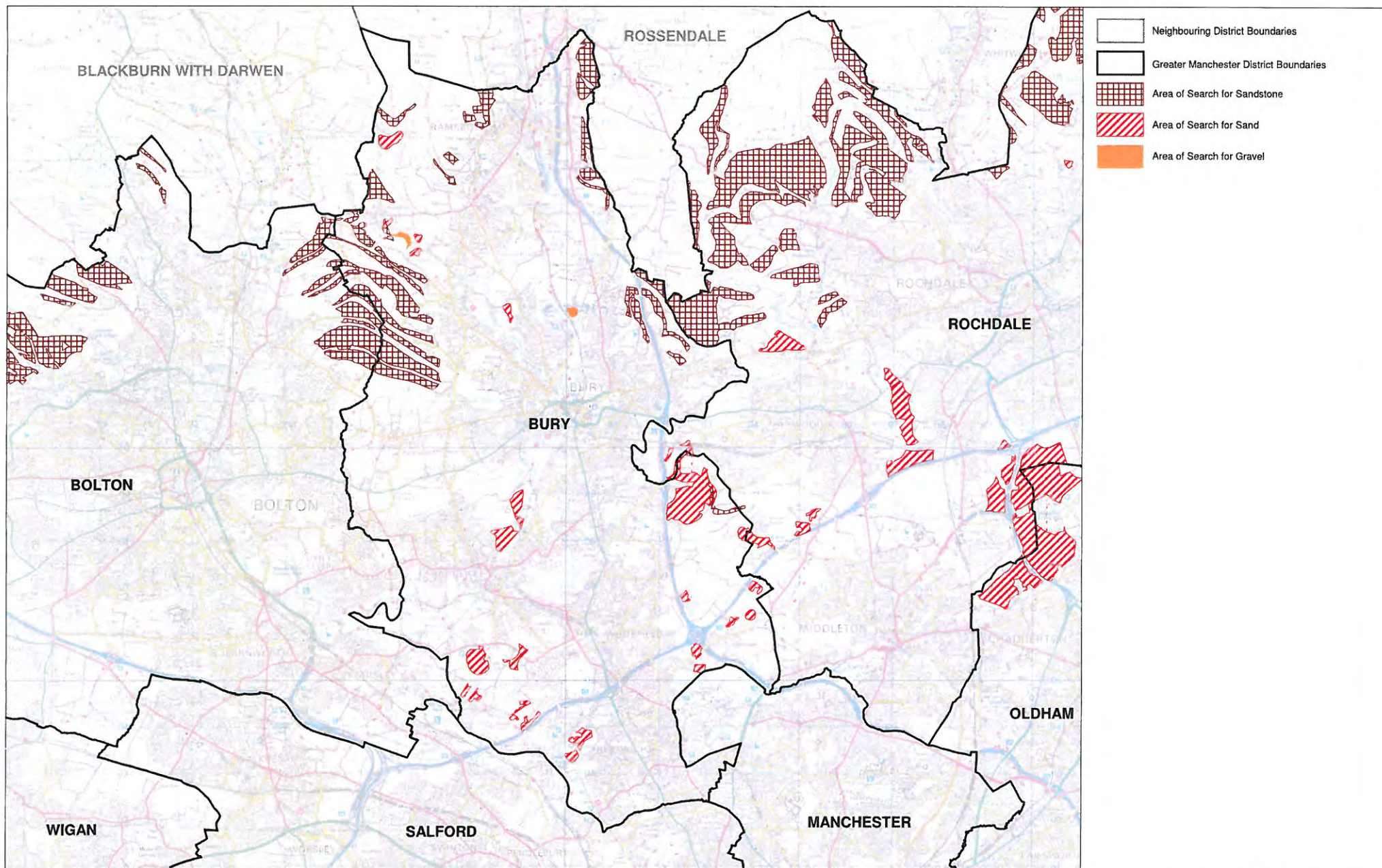
**Map 8 - Environmental
 Designations within Greater
 Manchester**



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 1cm = 1.85km

**Map 9 - Designated Sites
 of Historical Importance**



Map 11 Areas of Search for Aggregates in Bury

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Scale @ A3
1cm = 0.75km