

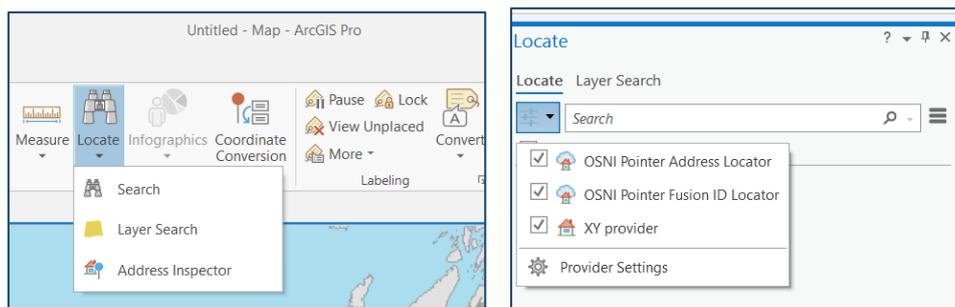
## OSNI Locators in ArcGIS Pro

NIMA Users can use the OSNI Locators as default in Esri Desktop software; i.e. ArcGIS Pro or ArcMap; when signed into the Spatial NI Portal.

When you are connected to the Spatial NI Portal in ArcGIS Pro the Organisation Locators are automatically added to your project for use both in the Locate Tool to find properties and the Geocoding Tool to match a spatial location to a table of addresses. The inclusion of Fusion Identifiers in these datasets allows the matching up of property and land datasets from across government using the same OSNI Identifiers.

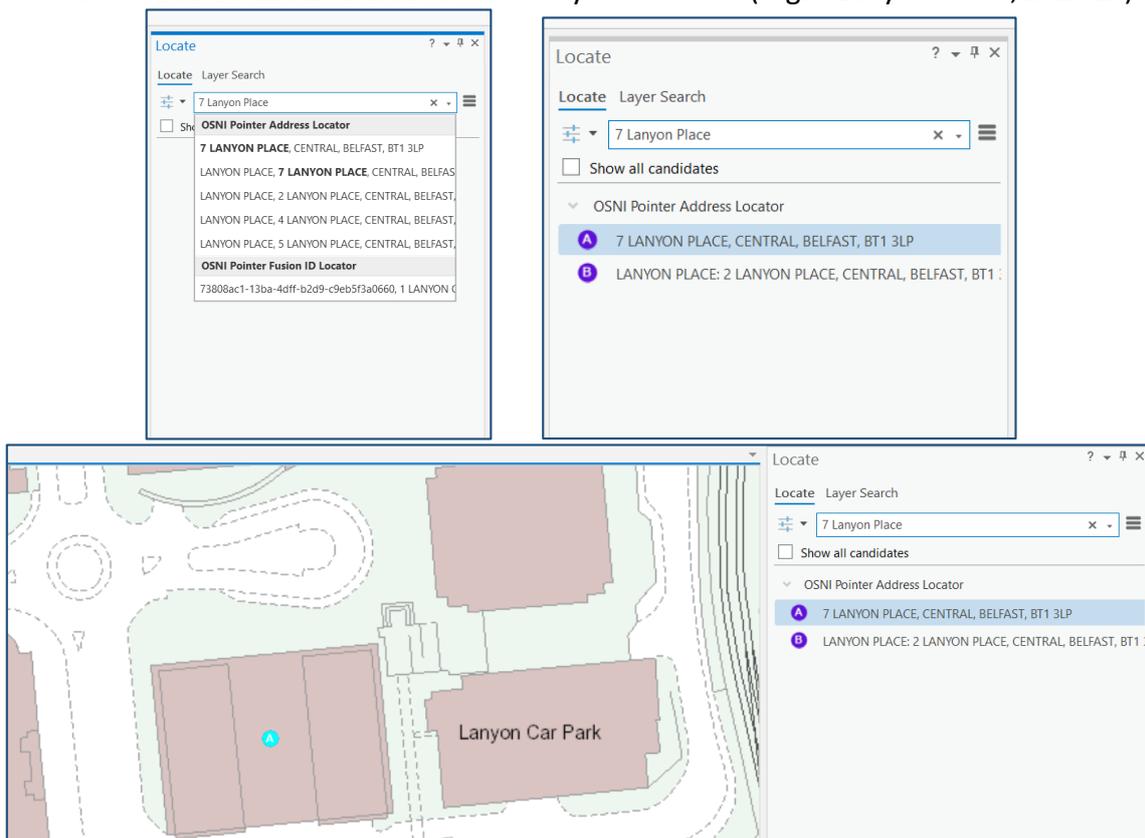
### Locate Tool

Using the Locate Tool in ArcGIS Pro while connected to the Spatial NI Portal, the tool will use the Spatial NI OSNI Locators as default



### OSNI Address Locator

This Address locator allows a user to search by full address (e.g. 7 Lanyon Place, BT1 3LP):



by street address (e.g. Lanyon Place):

The screenshot shows the ArcGIS Pro 'Locate' tool interface. The search input is 'Lanyon Place'. The results are categorized under 'OSNI Pointer Address Locator' and list 15 candidates (A through O). The map below shows the geographic context of Lanyon Place, with purple location markers corresponding to the search results. The 'Lanyon Car Park' is also visible on the map.

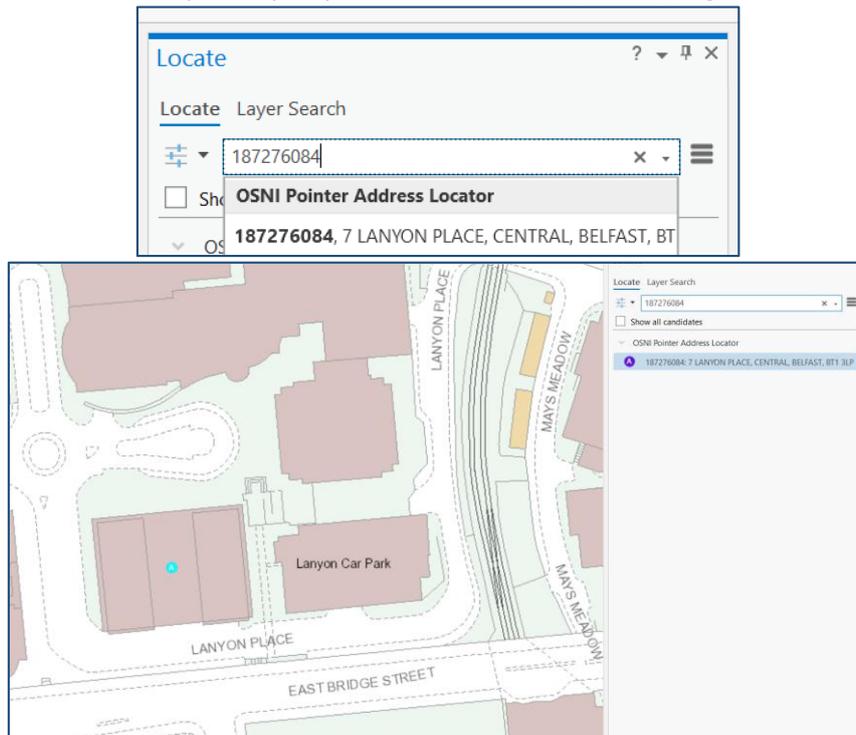
Letter	Address
A	LANYON PLACE: 7 LANYON PLACE, CENTRAL, BELFAST, BT1
B	LANYON PLACE: WEST TOWER, 8 LANYON PLACE, CENTRAL, BELFAST, BT1
C	LANYON PLACE: 8 LANYON PLACE, CENTRAL, BELFAST, BT1
D	LANYON PLACE: 5 LANYON PLACE, CENTRAL, BELFAST, BT1
E	LANYON PLACE: 9 LANYON PLACE, CENTRAL, BELFAST, BT1
F	LANYON PLACE: 9 LANYON PLACE, CENTRAL, BELFAST, BT1
G	LANYON PLACE: 9 LANYON PLACE, CENTRAL, BELFAST, BT1
H	LANYON PLACE: 9 LANYON PLACE, CENTRAL, BELFAST, BT1
I	LANYON PLACE: 9 LANYON PLACE, CENTRAL, BELFAST, BT1
J	LANYON PLACE: 9 LANYON PLACE, CENTRAL, BELFAST, BT1
K	LANYON PLACE: 9 LANYON PLACE, CENTRAL, BELFAST, BT1
L	LANYON PLACE: 9 LANYON PLACE, CENTRAL, BELFAST, BT1
M	LANYON PLACE: SOLOIST BUILDING, 1B LANYON PLACE, CENTRAL, BELFAST, BT1
N	LANYON PLACE: SOLOIST BUILDING, 1C LANYON PLACE, CENTRAL, BELFAST, BT1
O	LANYON PLACE: 4 LANYON PLACE, CENTRAL, BELFAST, BT1

by Postcode (e.g. BT1 3LP):

The screenshot shows the ArcGIS Pro 'Locate' tool interface. The search input is 'BT1 3LP'. The results are categorized under 'OSNI Pointer Address Locator' and list 15 candidates, all with the same postcode 'BT1 3LP'. The map below shows the geographic context of Lanyon Place, with purple location markers corresponding to the search results. The 'Lanyon Car Park' is also visible on the map.

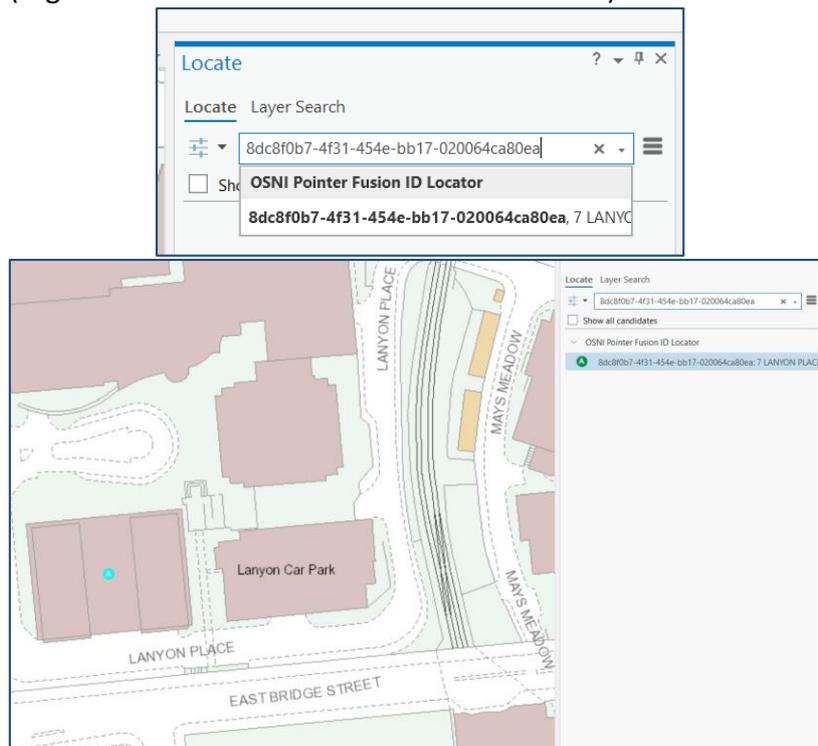
Letter	Address
A	BT1 3LP
B	BT1 3LP
C	BT1 3LP
D	BT1 3LP
E	BT1 3LP
F	BT1 3LP
G	BT1 3LP
H	BT1 3LP
I	BT1 3LP
J	BT1 3LP
K	BT1 3LP
L	BT1 3LP
M	BT1 3LP
N	BT1 3LP
O	BT1 3LP

or by using the address's Unique Property Reference Number (UPRN) (e.g. 187276084):

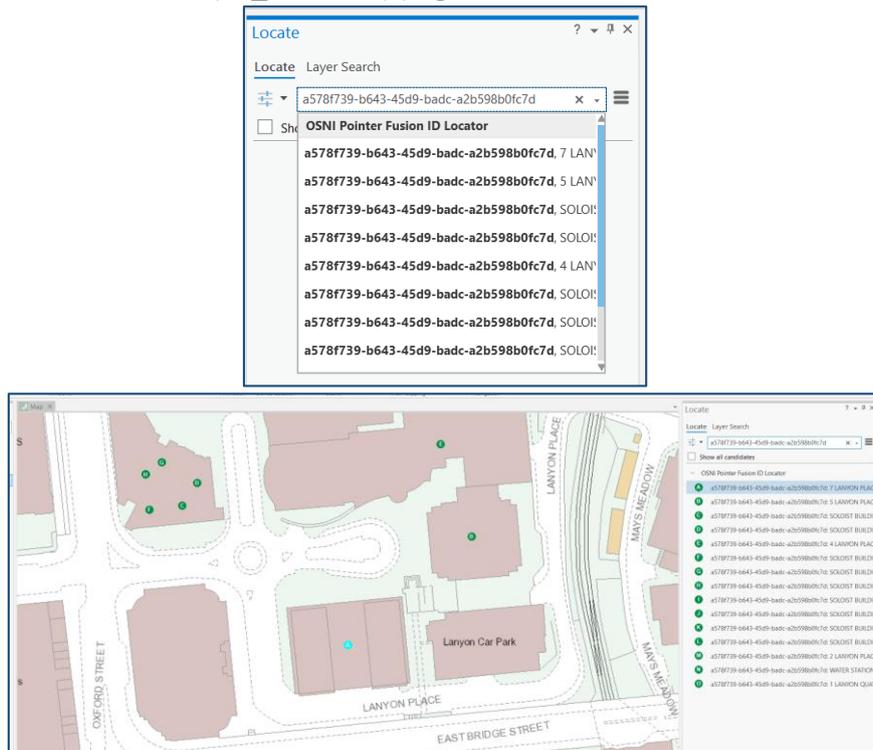


## OSNI Fusion ID Locator

This is a Fusion ID specific locator, this new locator can search by Building Fusion ID (BU\_FusionID) (e.g. 8dc8f0b7-4f31-454e-bb17-020064ca80ea):



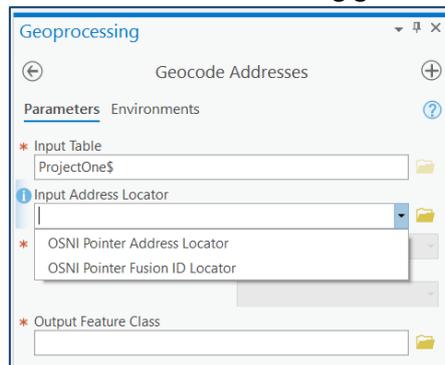
or the Land Parcel Fusion ID (LP\_FusionID) (e.g. a578f739-b643-45d9-badc-a2b598b0fc7d):



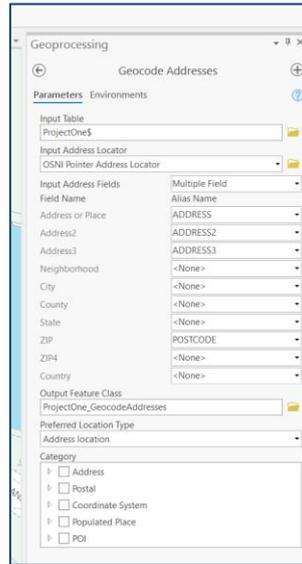
## Geocoding using OSNI Locators

Using the Geocode Tool in ArcGIS Pro while connected to the Spatial NI Portal, the tool will use the Spatial NI OSNI Locators as default.

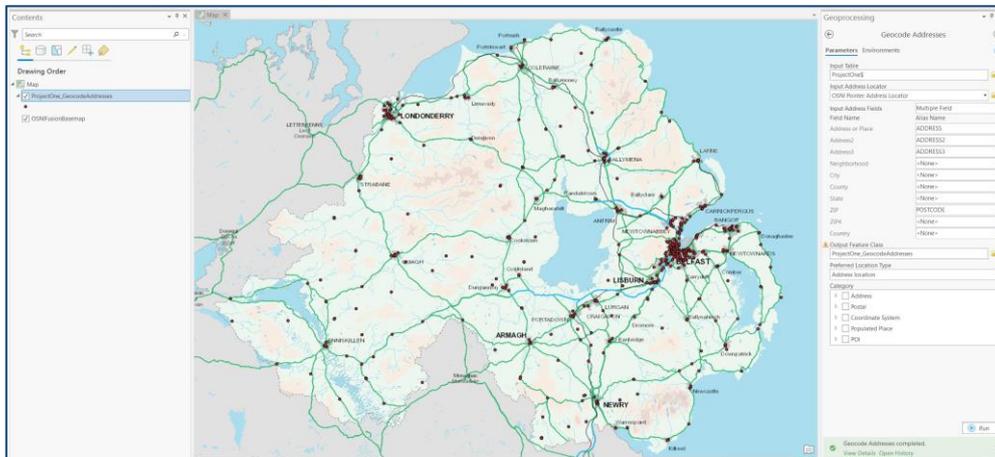
Select the Locator that will best match the data that is being geocoded.



Match as many of the fields in the dataset with corresponding fields in the Locator



Once the tool runs, a new spatial dataset is created of all the data that was matched with coordinates to display on in the map



All of the fields from the Pointer dataset will be joined with the original dataset including the Building and Fusion Identifiers allowing this dataset to be integrated with other datasets across government using the OSNI Fusion Identifiers.

Field:	Add	Calculate	Selection:	Select By Attributes	Zoom To	Switch	Clear	Delete	Copy
R	ADDRESS_STATUS	CONSTITUENCY_NAME	WARD_NAME	IG_SHEET	PLAN	BU_FUSIONID	LP_FUSIONID	UNIQUE_BUILDING_ID	
31	57	PROVISIONAL	BELFAST EAST	BEERSBRIDGE	147	02NE3	0d1eb443-d4b7-4a6f-8	903c83f8-c8e3-41d8-b1	186772361
32	02	APPROVED	BELFAST EAST	BLOOMFIELD	130	14SE2	d86d4c93-a944-4059-a	1ea3c870-da1e-4be6-b	186408410
33	29	APPROVED	BELFAST WEST	BEECHMOUNT	146	04NE4	6c66ec86-b231-4a34-a	23279c48-72e9-4be2-9	186780665
34	28	APPROVED	STRANGFORD	CONWAY SQUARE	131	16SW1	0ab9a318-6d07-4180-9	f984a72b-9c4a-4ea8-9c	186432692
35	49	APPROVED	BELFAST WEST	CENTRAL	130	13NE3	22d72798-bf42-4f2b-a	db232ffe-6058-40f0-ad	186765802
36	30	APPROVED	SOUTH DOWN	KILKEEL	284	04SW4	549fdebe-f7e9-4eb5-b	e37f308c-d15b-42fb-8	186764197
37	58	APPROVED	LAGAN VALLEY	BALLINDERRY	163	08NE	8961b58d-7554-4228-9	5a4b10bc-d03f-4273-8	186867236
38	28	APPROVED	SOUTH DOWN	BINNIAN	284	04SE3	1c6c8042-d9ff-432d-b	9e1e634c-29c4-4f9b-9f	186764971
39	79	APPROVED	BELFAST SOUTH	CENTRAL	130	13SE2	8da2874c-ce78-4b95-b	e0a42c92-01d9-49c2-8	186766514
40	11	APPROVED	BELFAST WEST	BALLYGOMARTIN	129	16SE1	e52e0e3d-11b5-4b72-8	c47e1933-1e42-4b4d-b	186365817
41	42	APPROVED	BELFAST SOUTH	UPPER MALONE	146	12SE2	f286cbf6-e55f-4510-9	9cd747ba-5d74-43cc-a	186775790
42	76	APPROVED	NORTH ANTRIM	CLOUGH MILLS	042	14NW	21d9c31d-0108-4037-a	c2b6cb97-1f8a-45e1-b	186837044
43	30	APPROVED	BELFAST EAST	KNOCK	130	15SW4	b85315d8-39f1-44ed-a	c460a8b4-7959-4700-a	186415373
44	93	APPROVED	BELFAST EAST	KNOCK	130	15SW4	529b4e8f-fa92-4610-b	12a54033-05d6-4a8a-b	186416181