

Michael Mannion

From: Yamila Posey <Yamila.Posey@nwfwater.com>
Sent: Tuesday, May 30, 2017 4:13 PM
To: Michael Mannion
Subject: RE: loc method

Follow Up Flag: Follow up
Flag Status: Flagged

Let's set it to GIS. Jarret spent time on working on those records and verifying them. Eventually we might need to decode to more values.

From: Michael Mannion [mailto:michael.mannion@manniongeo.com]
Sent: Tuesday, May 30, 2017 3:50 PM
To: Yamila Posey <Yamila.Posey@nwfwater.com>
Subject: RE: loc method

Yamila,

Long time no see; I hope everything has been well with you.

Regarding the location method values, I just reviewed the refresh code and relevant Confluence/JIRA pages to brush up on how we handle the location method codes. To summarize, the relevant points are:

- We manually map the numeric codes to text values that users see in the LOC_METHOD columns in the DATABASES_WELL_INVENTORY and DATABASES_WELL_PERMITS feature classes.
- Additionally, we simplify the values shown in your screenshot below (and theoretically from eReg, although we have no instances of using such data yet), based primarily on Danny's assessment of the reliability (or lack thereof) of the legacy values.

From the PL/SQL code, here is how we are mapping the numeric LOC_METHOD values to their simplified text counterparts:

```
DECODE(  
    source_value  
    ,0    , 'Other'    -- Originally 'Unknown'  
    ,1    , 'GIS'  
    ,2    , 'GPS'  
    ,3    , 'GPS'      -- Originally 'Survey'  
    ,4    , 'Other'    -- Originally 'Topo Map'  
    ,5    , 'Other'    -- Originally 'Driller'  
    ,6    , 'Other'    -- Originally 'STR Centroid'  
    ,7    , 'Other'    -- Originally 'Google Maps'  
    ,NULL  
)
```

A more detailed description of the mapping, including to the migrated eReg values, is available in [Confluence](#) – navigate to the *Coordinates* heading, then click the third question (the long one) to see a table of values.

With the above as context, my question for you is:

- **What text value would you like me to map the numeric value “8” to?**

I presume that Danny will need to weigh in on this. I’m not copying him on this message because I know he’s swamped at the moment, but I’d be happy to follow up with him if you’d like me to take the lead on finding an answer.

I’ll be in all week if you’d like to discuss further; please call or write any time.

Thanks,

-Michael

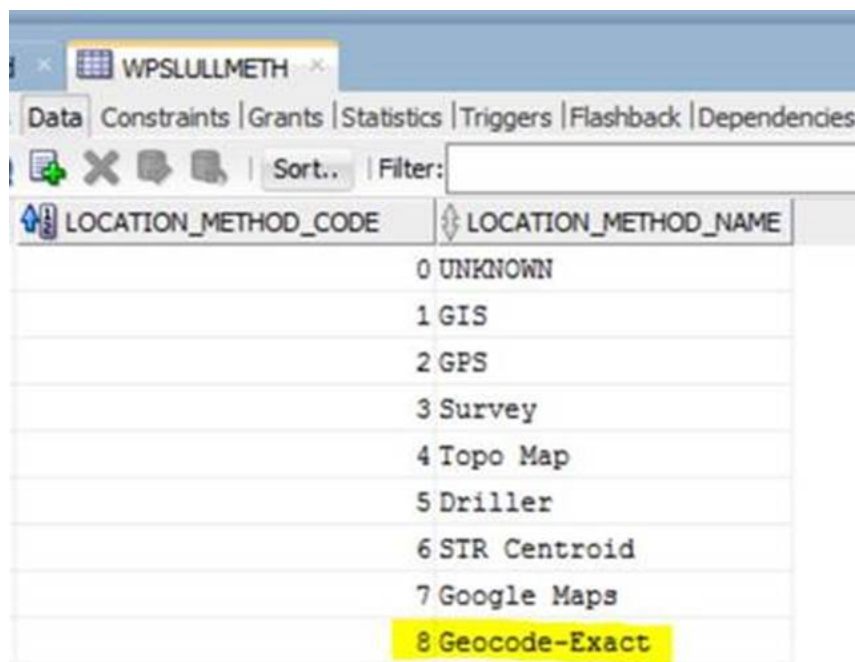
Michael Mannion

Database Consultant | Mannion Geosystems | +1 617.939.9958 | <http://www.manniongeo.com>

From: Yamila Posey [<mailto:Yamila.Posey@nwfwater.com>]
Sent: Friday, May 26, 2017 3:21 PM
To: Michael Mannion <michael.mannion@manniongeo.com>
Subject: loc method

Hi Michael,

Just wanted you to know that I added another code (8) to the lookup table. Jarret just gave me some updates and I plan on using the new value when I update the well_permits table. Hopefully (not guaranteed), I’ll update these records today.



LOCATION_METHOD_CODE	LOCATION_METHOD_NAME
0	UNKNOWN
1	GIS
2	GPS
3	Survey
4	Topo Map
5	Driller
6	STR Centroid
7	Google Maps
8	Geocode-Exact

Have a good holiday weekend!