

Infrastructure - Bug #8500

Geohash not calculated properly

2018-03-14 17:06 - Dave Vieglais

Status:	New	Start date:	2018-03-14
Priority:	High	Due date:	
Assignee:	Jing Tao	% Done:	0%
Category:	d1_indexer	Estimated time:	0.00 hour
Target version:		Story Points:	
Milestone:	None		
Product Version:	*		

Description

The metadata with pid = {39A912EE-E2DC-4F50-A3DE-C0EF04BC1E88} has bounding coords correctly indexed:

```
<float name="eastBoundCoord">166.657</float>  
<float name="westBoundCoord">-178.378</float>  
<float name="southBoundCoord">-14.5596</float>  
<float name="northBoundCoord">28.4536</float>
```

but the computed geohash is wrong:

```
<arr name="geohash_9">  
  <str>ec5zd8st0</str>  
</arr>  
<arr name="geohash_1">  
  <str>e</str>  
</arr>  
<arr name="geohash_2">  
  <str>ec</str>  
</arr>  
<arr name="geohash_3">  
  <str>ec5</str>  
</arr>  
<arr name="geohash_4">  
  <str>ec5z</str>  
</arr>  
<arr name="geohash_5">  
  <str>ec5zd</str>  
</arr>  
<arr name="geohash_6">  
  <str>ec5zd8</str>  
</arr>  
<arr name="geohash_7">  
  <str>ec5zd8s</str>  
</arr>  
<arr name="geohash_8">  
  <str>ec5zd8st</str>  
</arr>
```

Investigate if this is a systemic issue or peculiar to certain types of metadata or representation of coordinates within the metadata.