Ground Control Points for

Shaktoolik, AK

Collected by the State of Alaska, Division of Geological & Geophysical Surveys

During the summer of 2011

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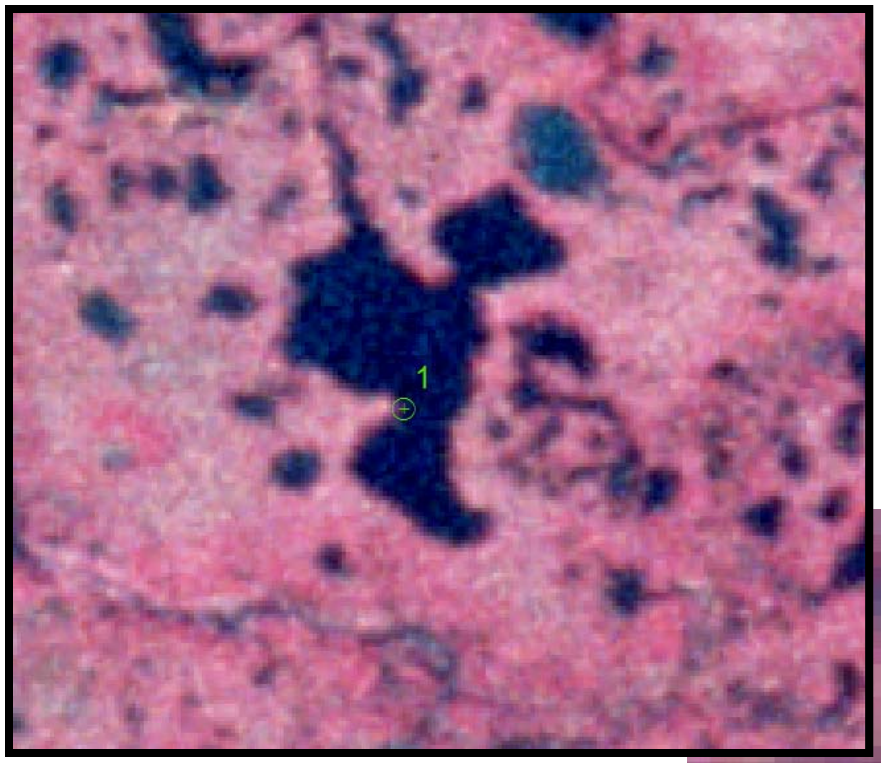
7/23/1990
USGS
USGS

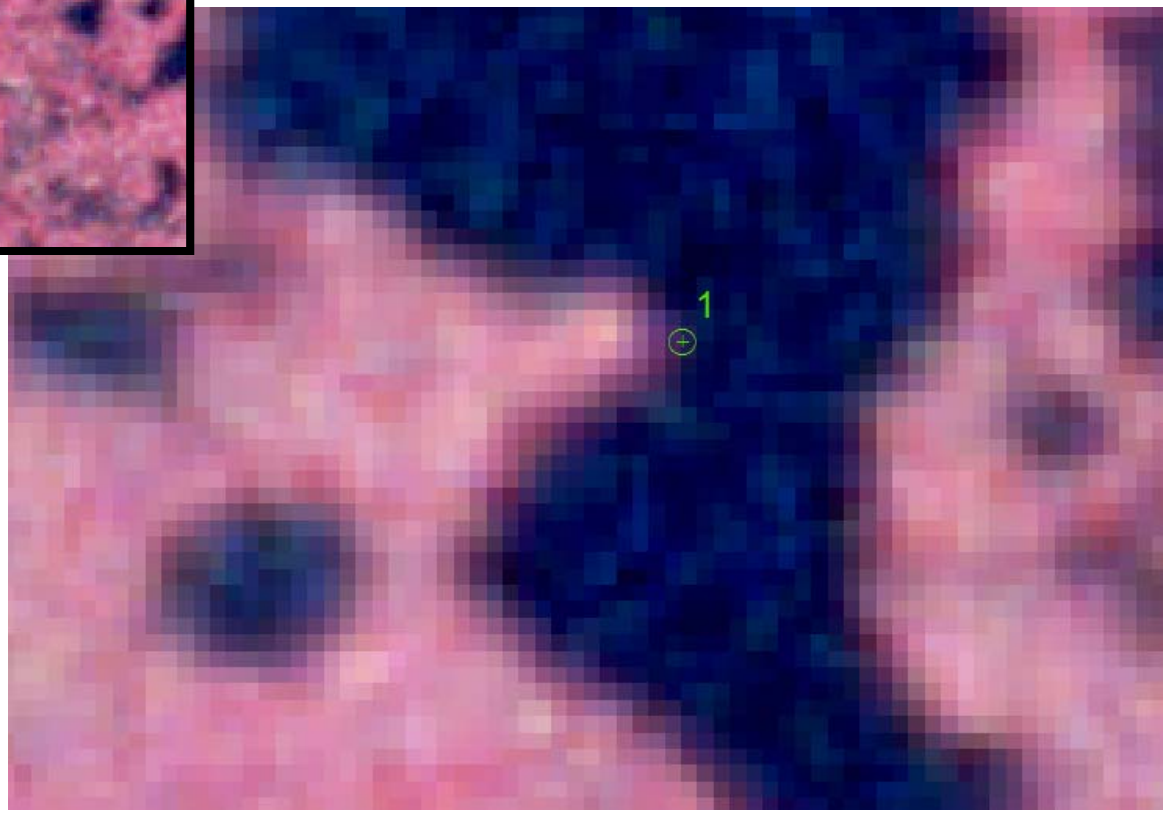
	NAD83 UTM Zone 4		NAVD88 Elevation
GCP number	Northing	Easting	meters (GEOID09)
20110726_gcp_1	7148284.421	385524.239	1.652
20110726_gcp_2	7148822.471	385976.216	1.771
20110726_gcp_3	7150185.637	385763.375	2.157
20110726_gcp_4	7149370.707	382158.372	83.572
20110726_gcp_5	7145392.111	379135.594	195.481
20110726_gcp_6	7149053.316	392034.123	4.032
20110726_gcp_7	7149070.432	391014.537	4.064
20110726_gcp_8	7150033.969	390836.754	5.191
20110726_gcp_9	7148140.373	391316.099	3.502
20110726_gcp_10	7148073.209	391312.055	3.045
20110726_gcp_11	7148407.752	396082.184	17.539
20110726_gcp_12	7149719.263	398071.86	29.113
20110726_gcp_13	7148970.336	404149.536	17.05
20110726_gcp_14	7149497.043	404571.679	23.503
20110726_gcp_15	7148476.086	409168.676	30.188
20110726_gcp_18	7145040.732	415769.58	161.75
20110726_gcp_19	7136678.78	414874.494	151.175
20110726_gcp_20	7136539.204	397934.118	4.814
20110726_gcp_21	7138379.987	403233.471	22.111
20110726_gcp_22	7138326.953	407518.125	30.528
20110726_gcp_23	7137066.028	408252.458	30.931
20110726_gcp_24	7136447.281	411420.747	30.067
20110726_gcp_25	7132020.453	415201.889	570.559
20110727_gcp_26	7136615.487	417491.383	351.017
20110727_gcp_27	7124983.414	420797.041	333.357
20110727_gcp_28	7125425.52	416232.526	269.04
20110727_gcp_29	7124462.424	416070.331	220.504
20110727_gcp_30	7137756.086	395735.858	1.723
20110727_gcp_32	7125396.348	408561.797	266.337
20110727_gcp_33	7125375.927	410158.124	305.858
20110727_gcp_35	7124117.661	405472.737	3.217
20110727_gcp_36	7126935.06	404011.649	3.65
20110727_gcp_37	7117331.236	410039.602	178.456
20110727_gcp_38	7118519.109	415603.087	333.476
20110727_gcp_39	7115573.395	405466.463	113.652

Alaska High Altitude Aerial Photography

SKK-01



⬅ 1:1,000



Cell size ~ 1.75 meters

1:300 ➡

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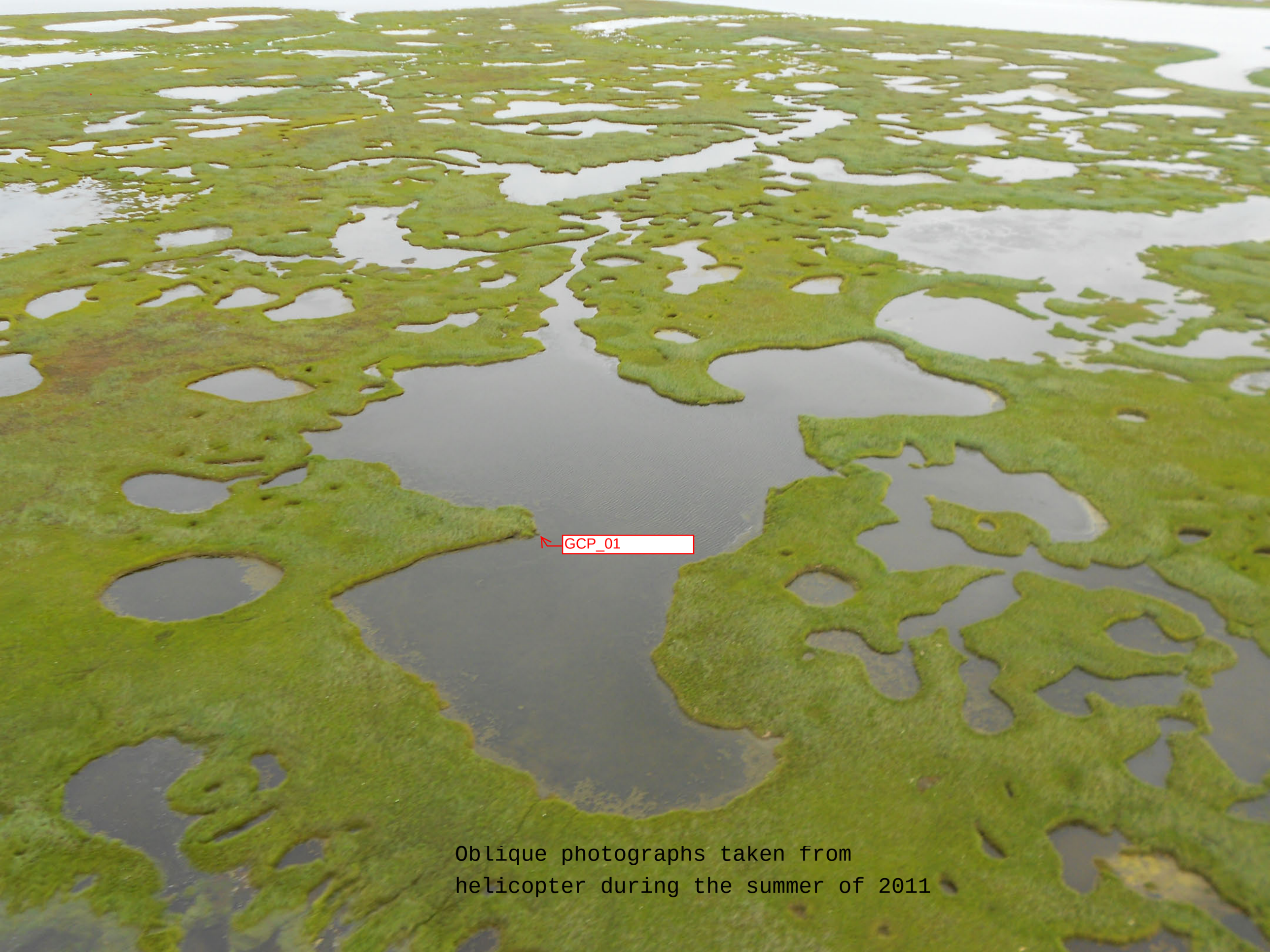
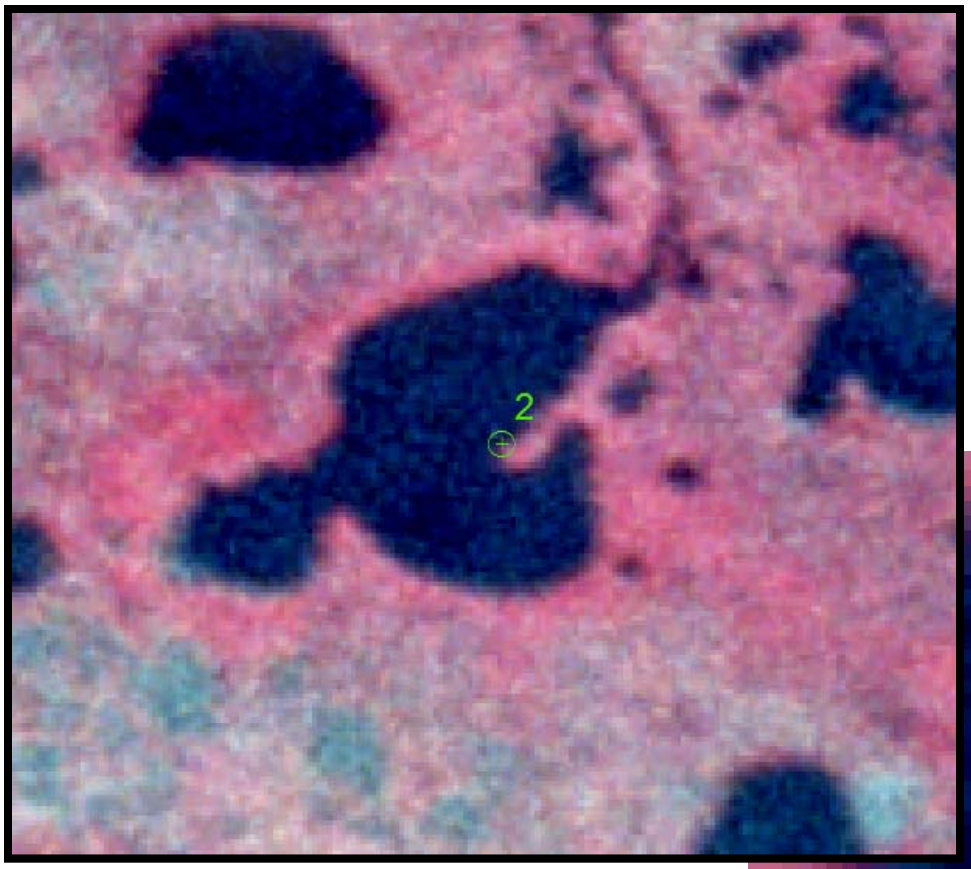
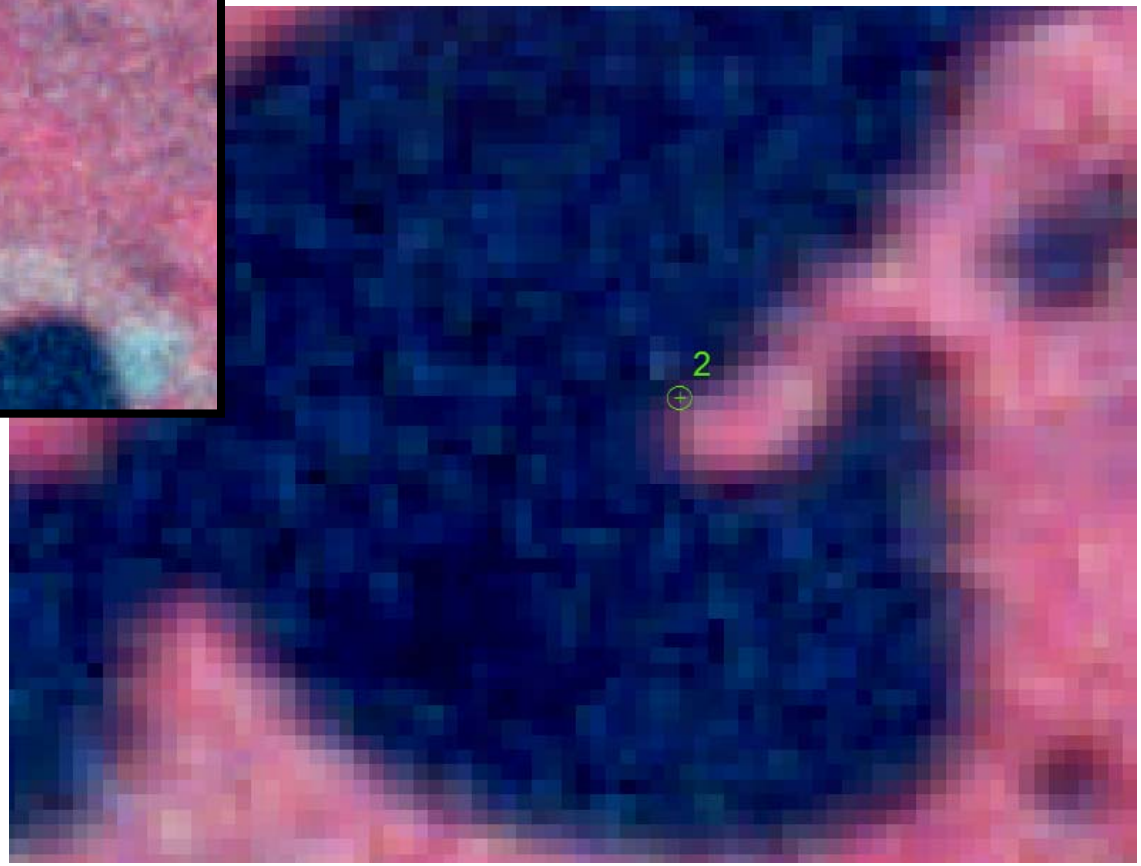


Oblique photographs taken from
helicopter during the summer of 2011

SKK-02





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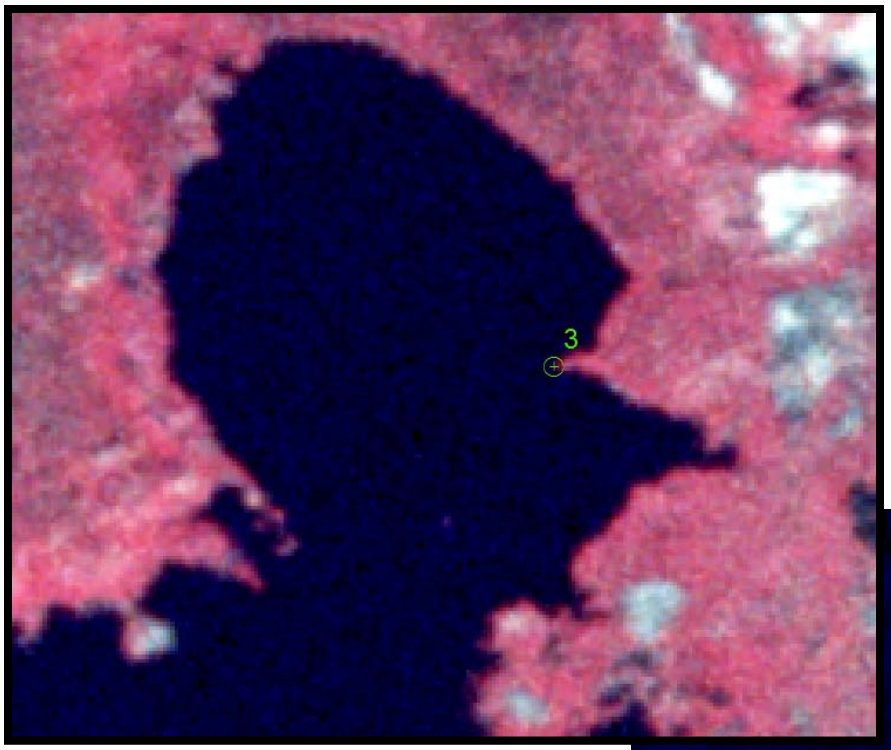
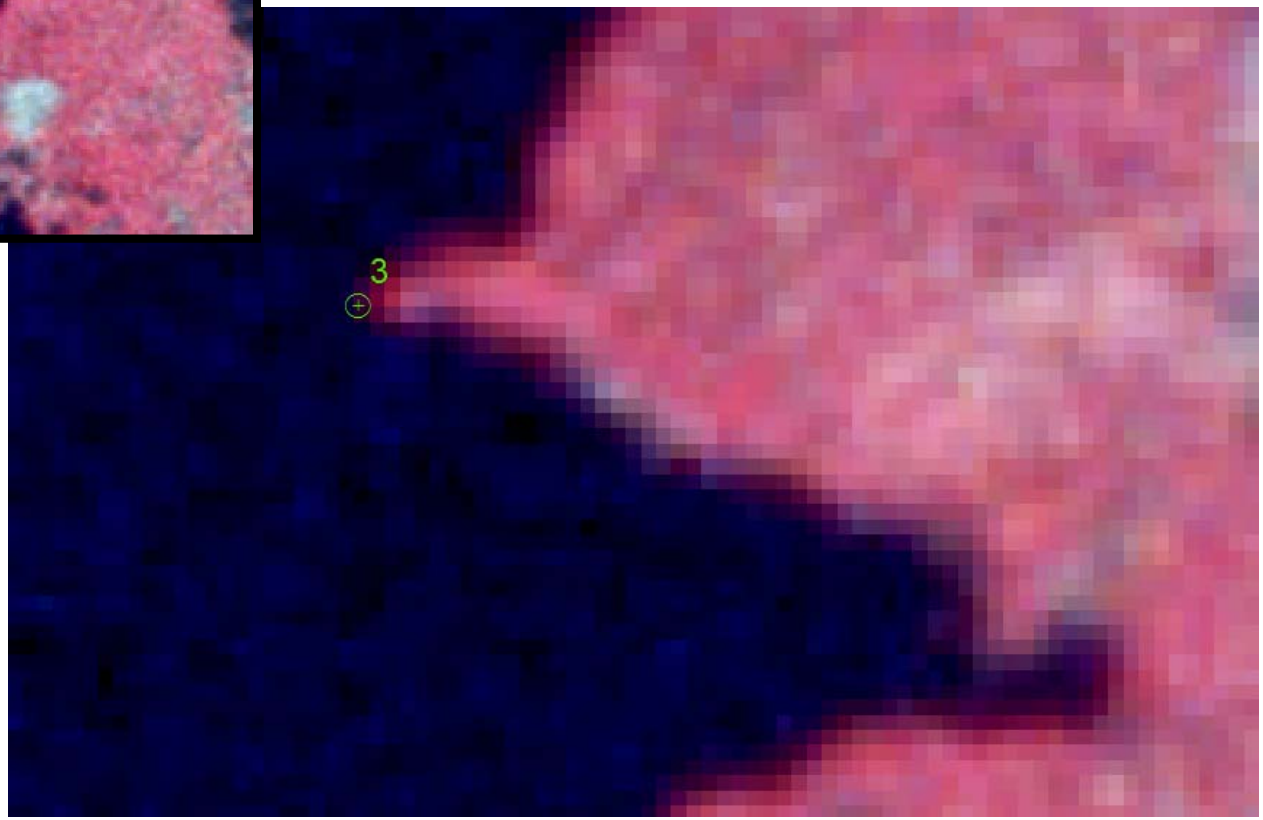
Cell size ~ 1.75 meters

GCP_02

SKK-03





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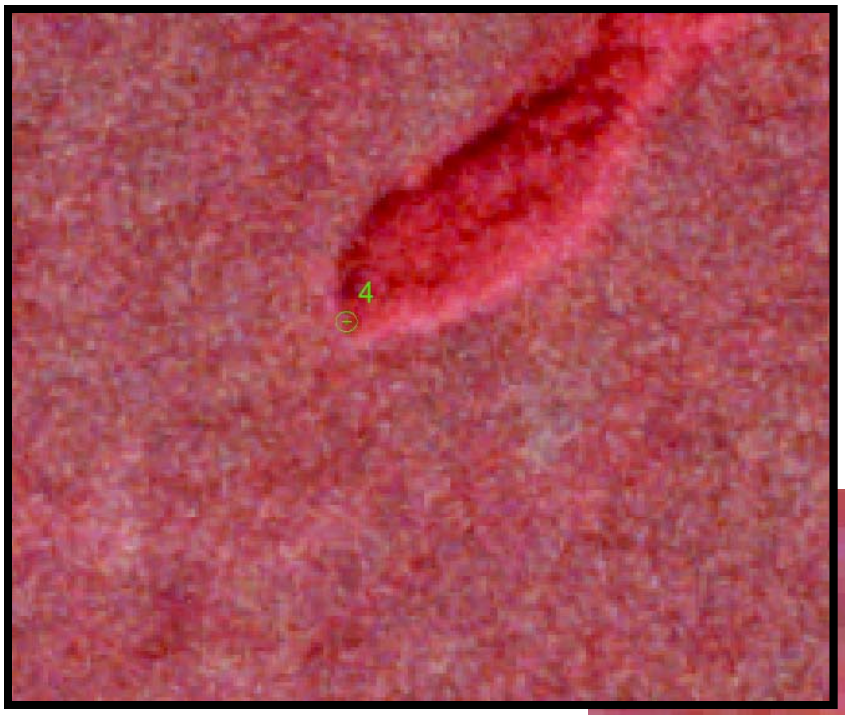
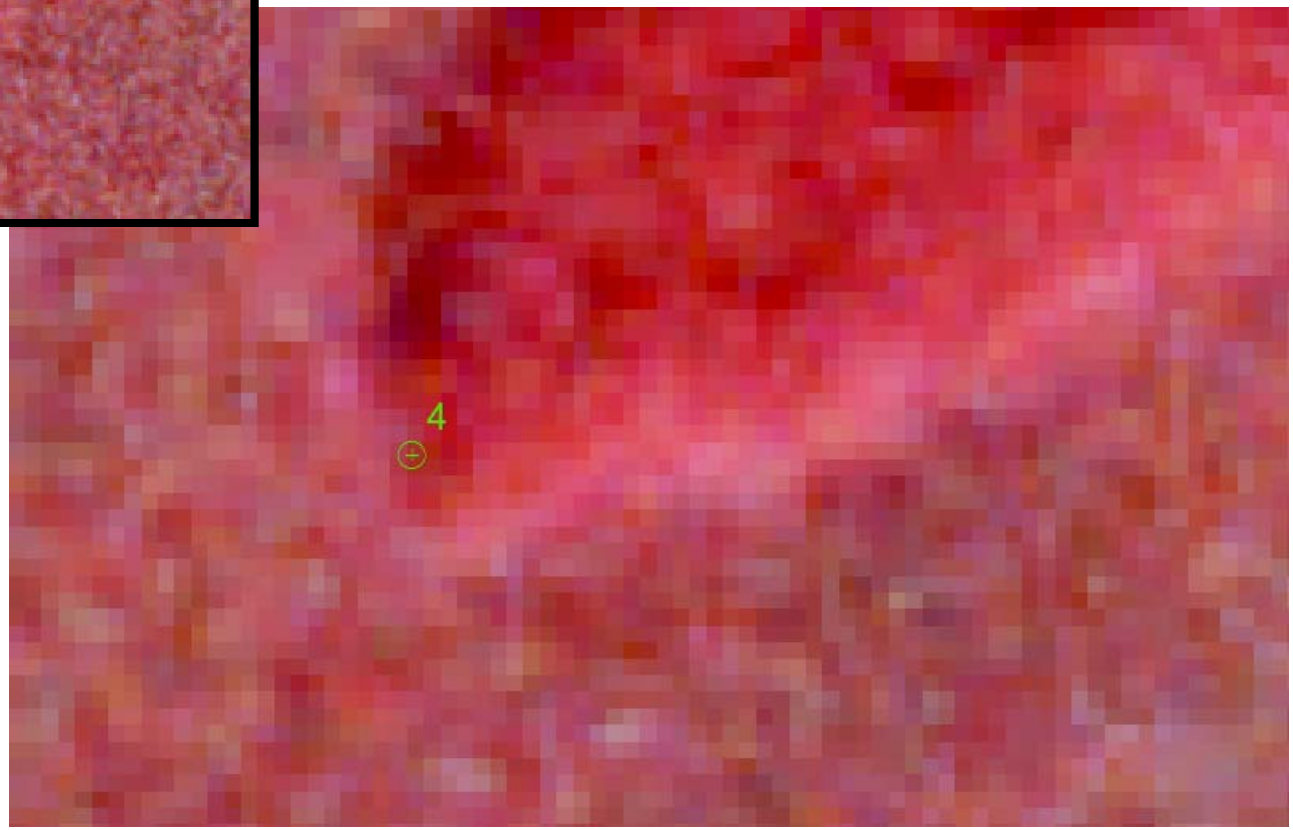
Cell size ~ 1.75 meters

GCP_03

SKK-04





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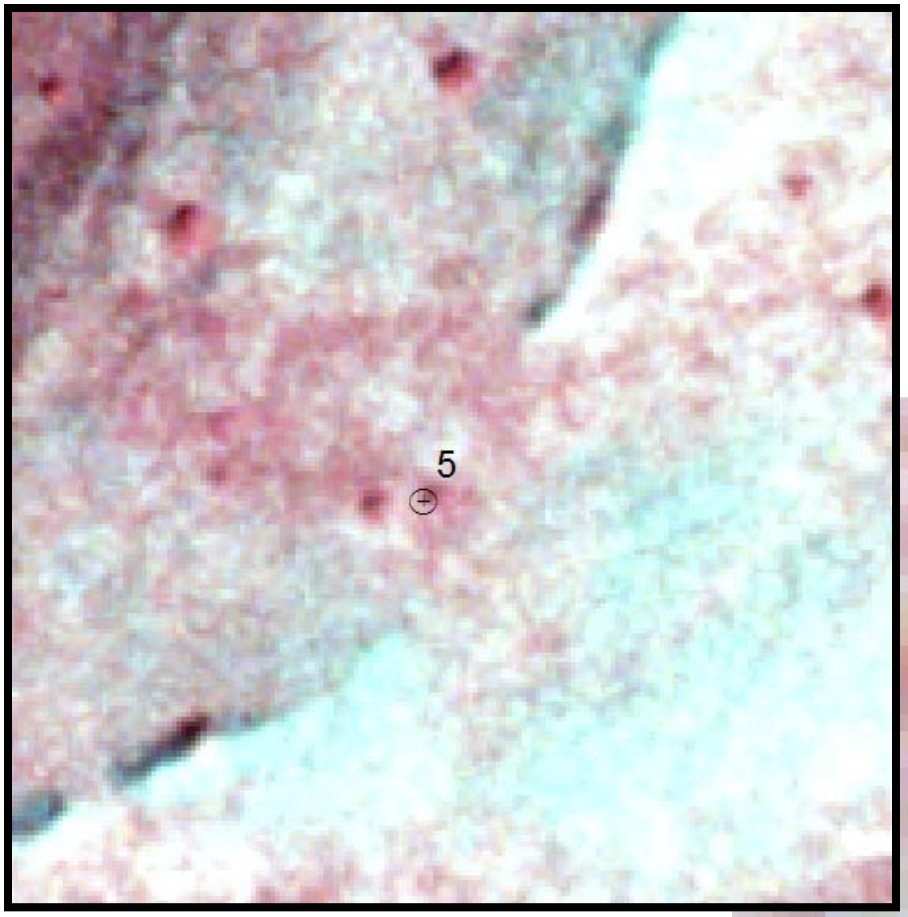
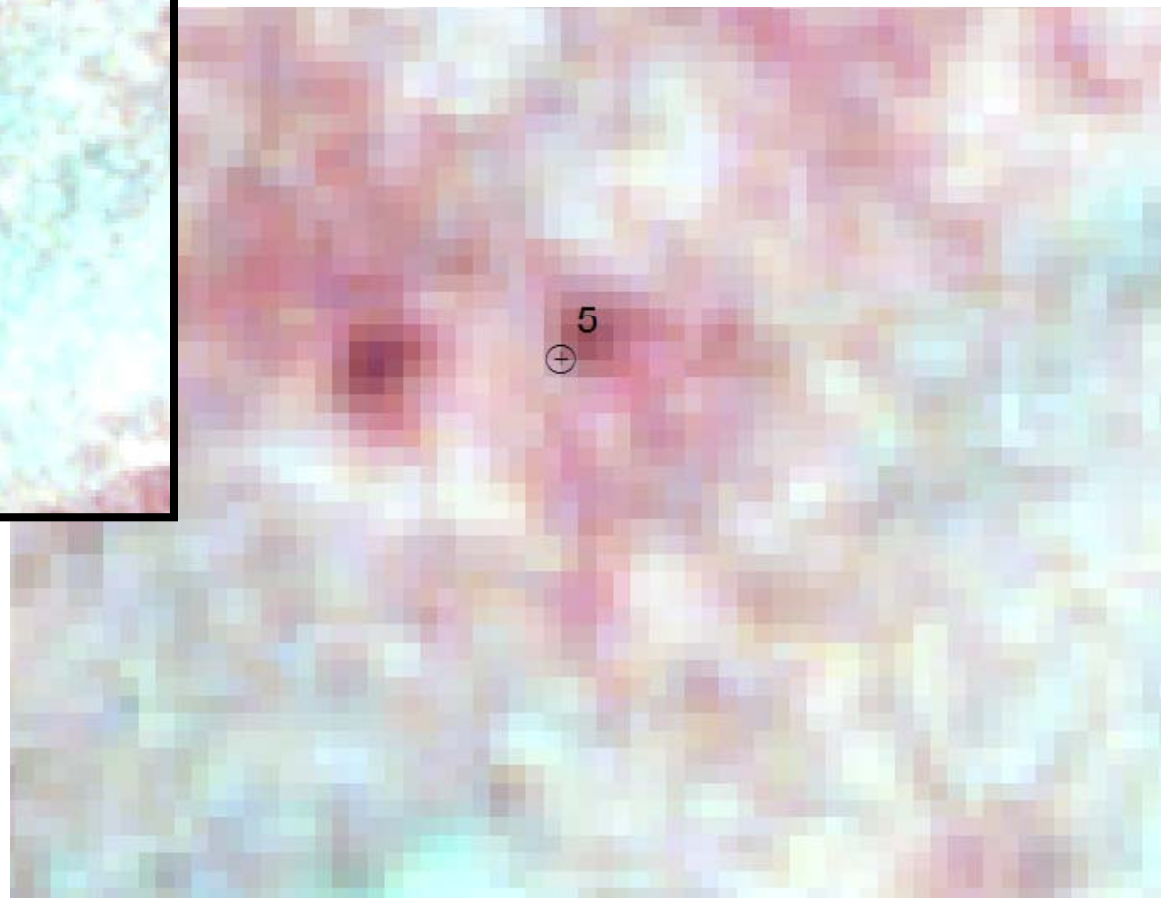
Cell size ~ 1.75 meters

GCP_04

SKK-05





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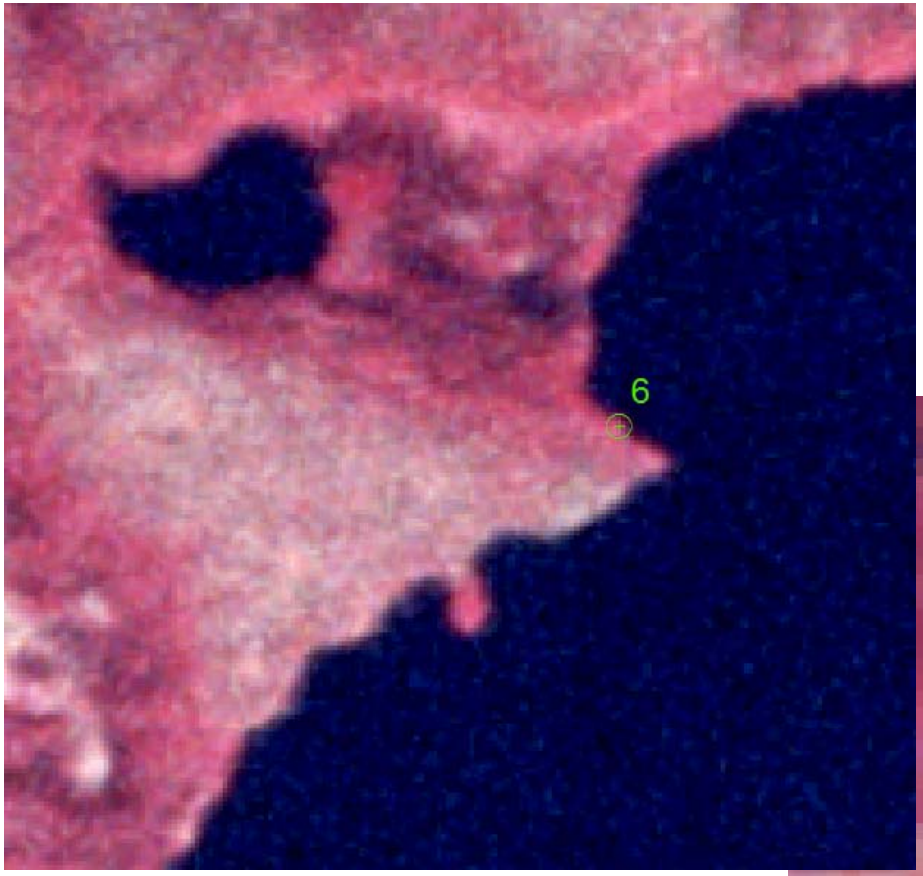
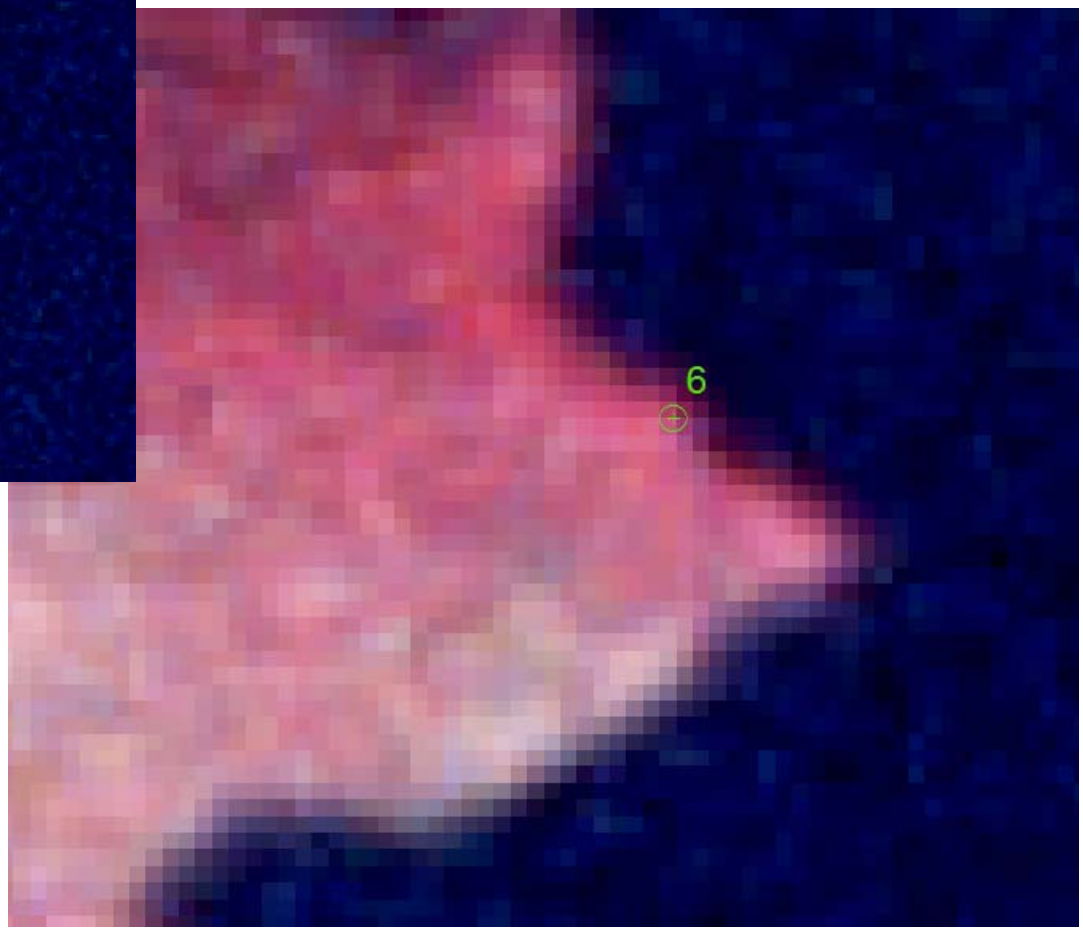
Cell size ~ 1.75 meters

Helicopter was here
GCP_05

SKK-06



*Lower confidence



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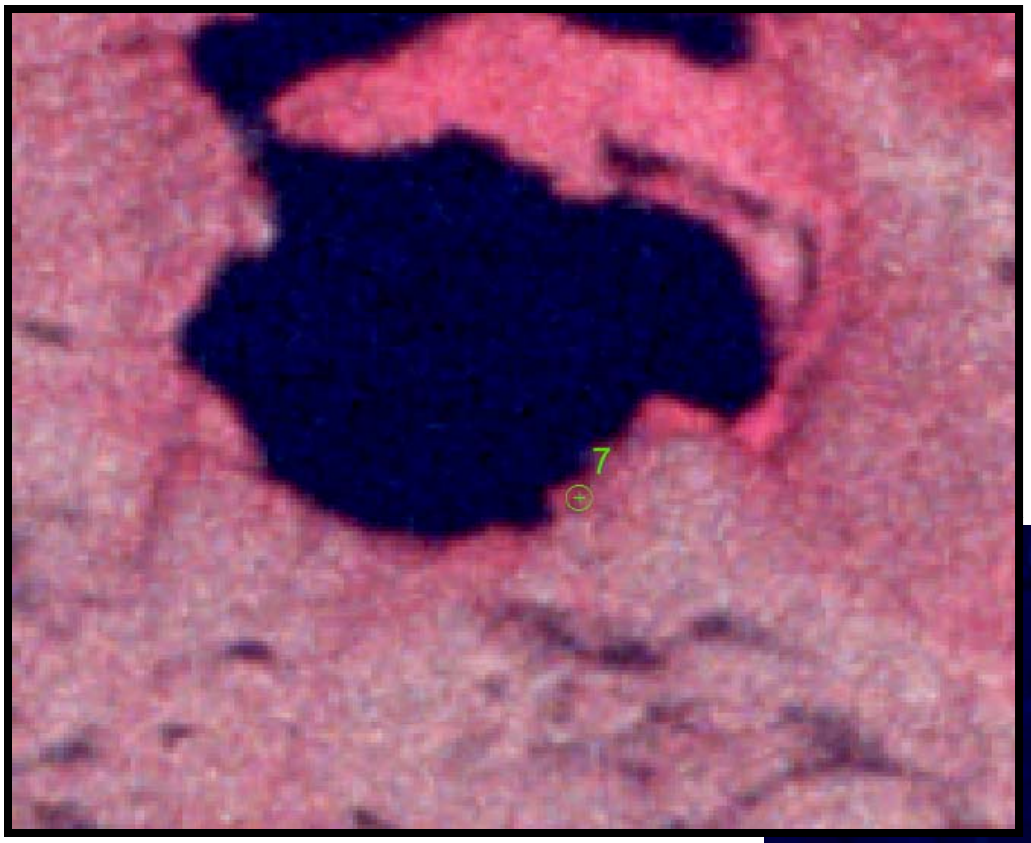
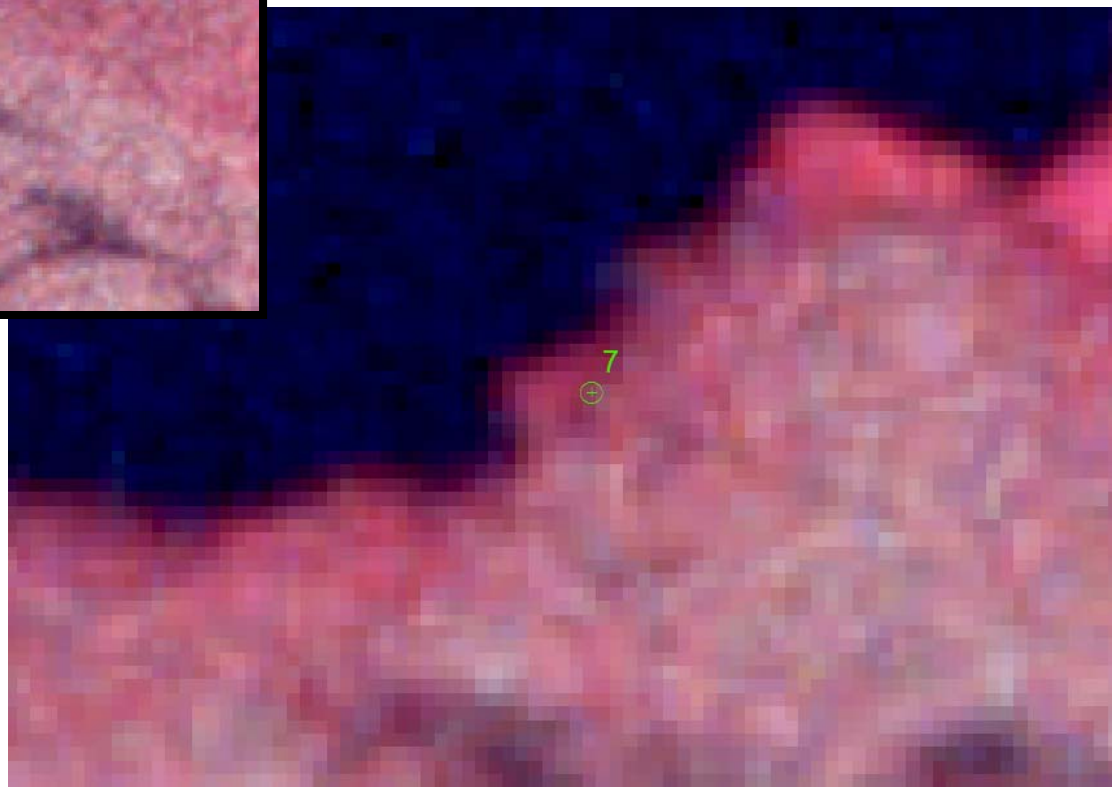
Cell size ~ 1.75 meters

gcp_06

SKK-07



*Lower confidence



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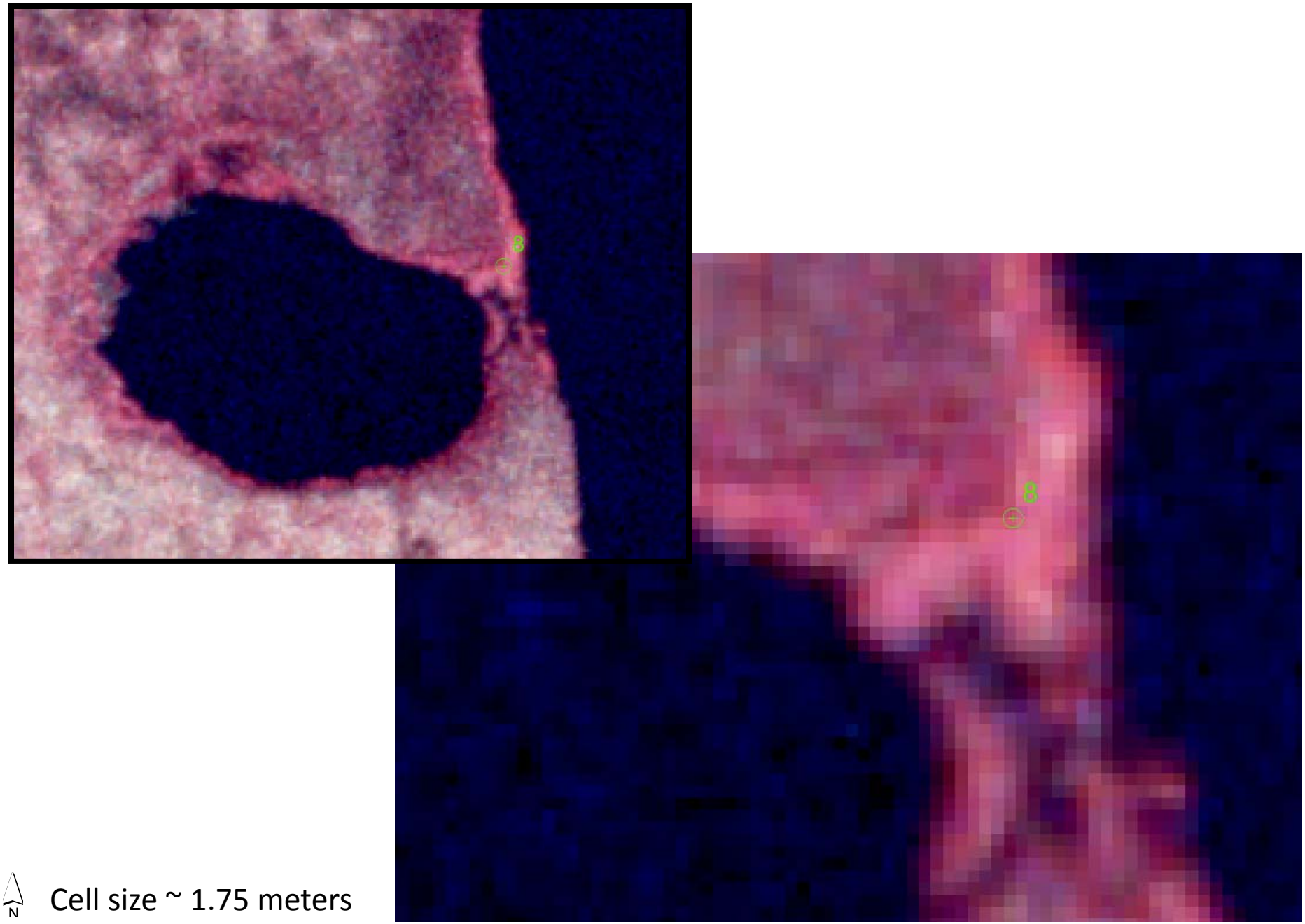
Cell size ~ 1.75 meters

GCP_07

SKK-08



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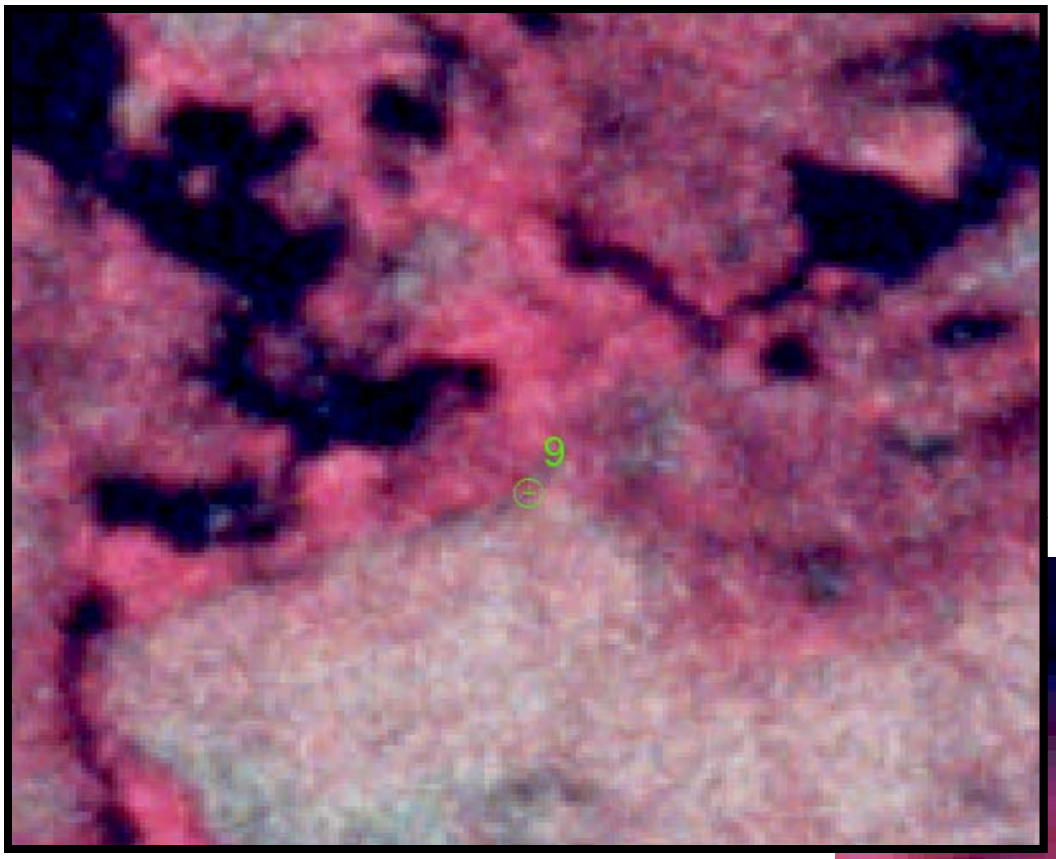
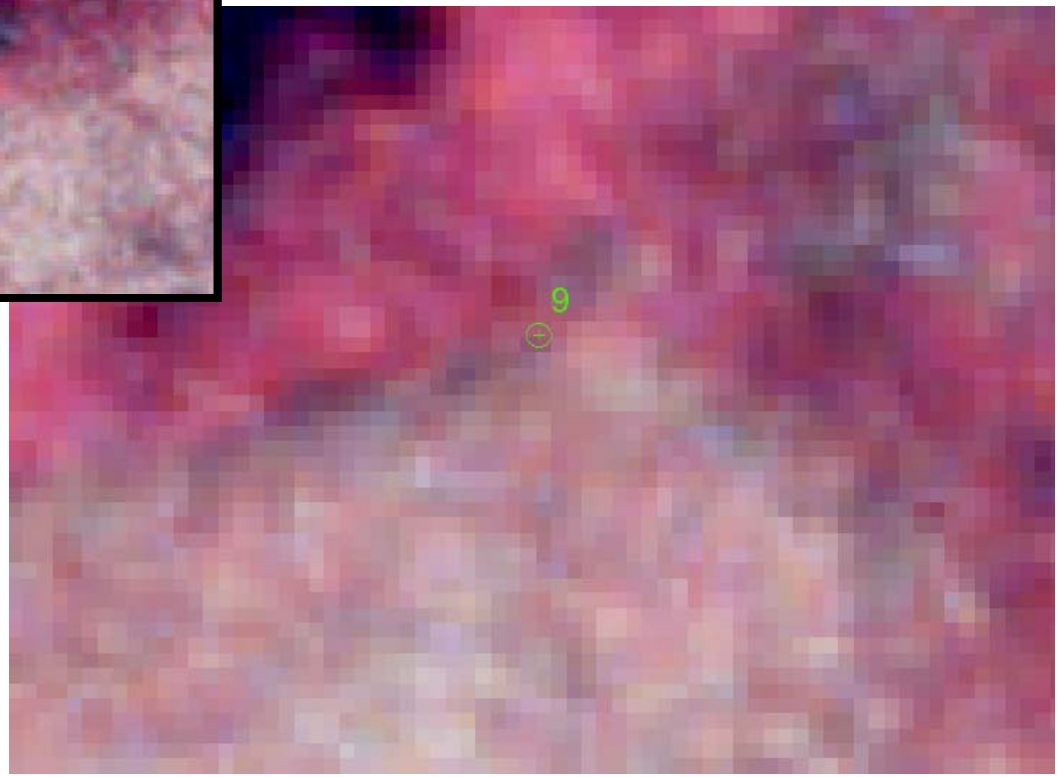
Cell size ~ 1.75 meters

GCP_08

SKK-09





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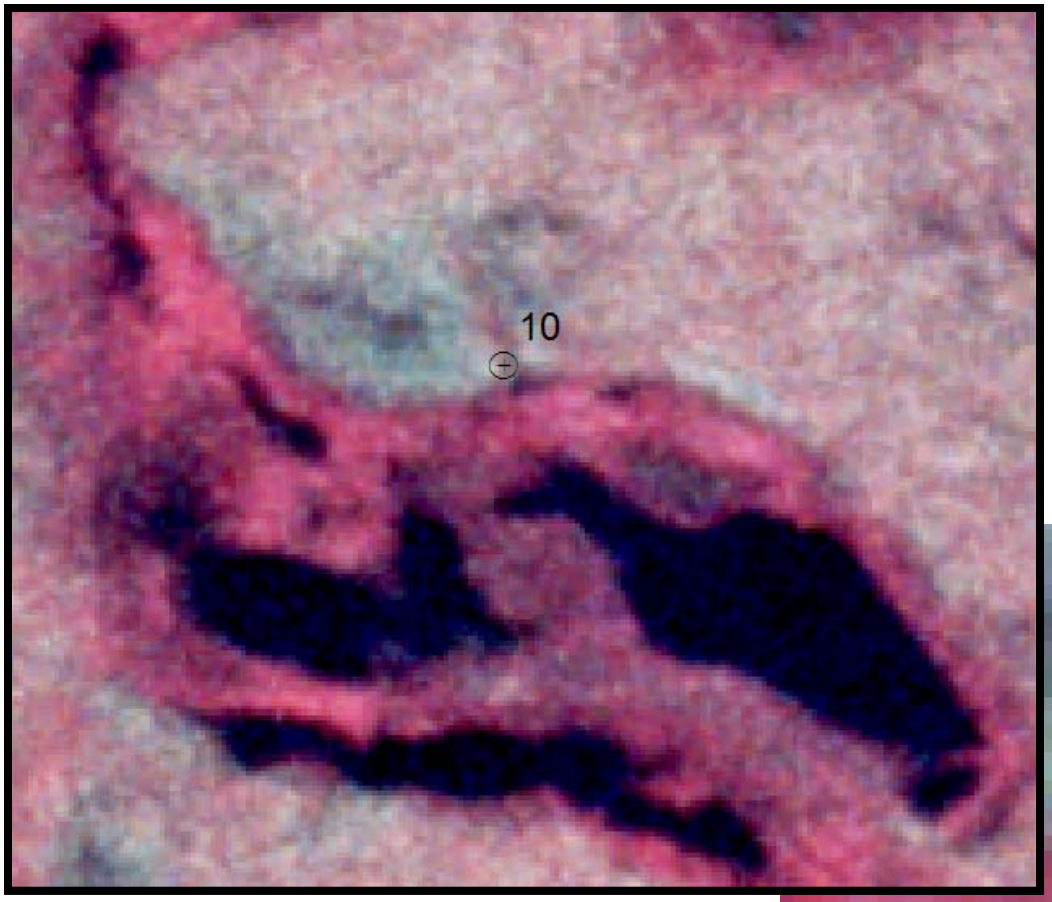
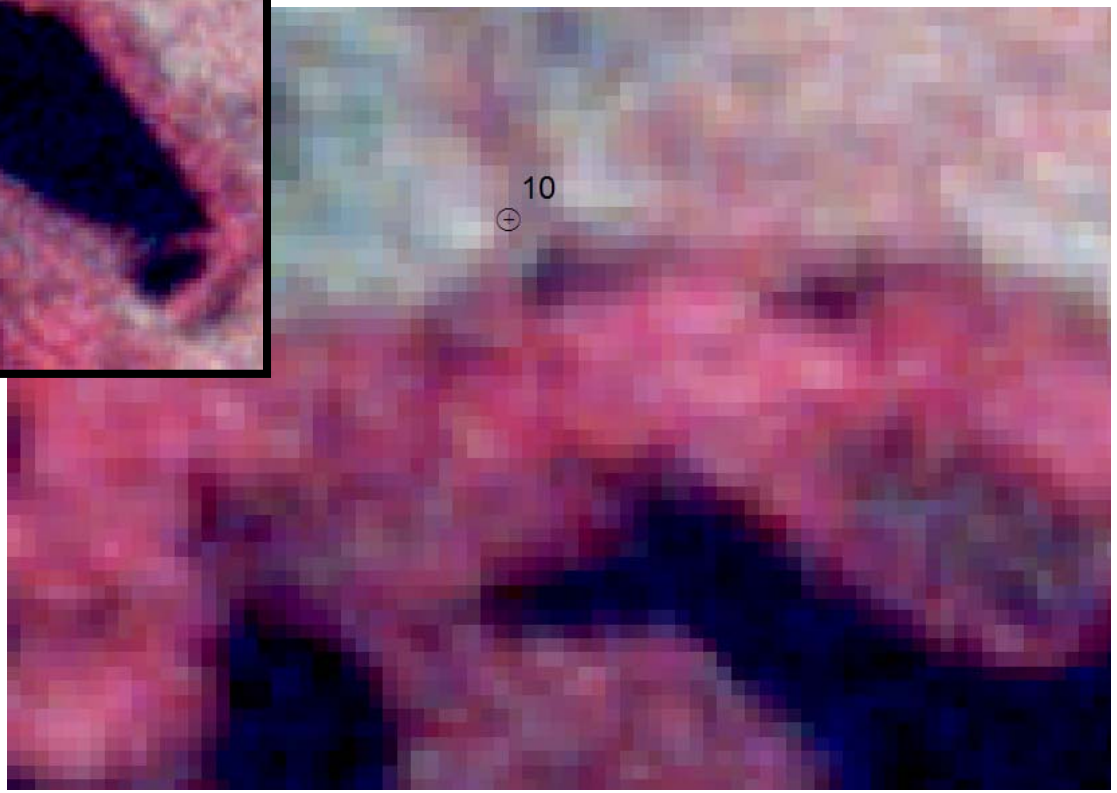
Cell size ~ 1.75 meters

GCP_09

SKK-10



*Lower confidence



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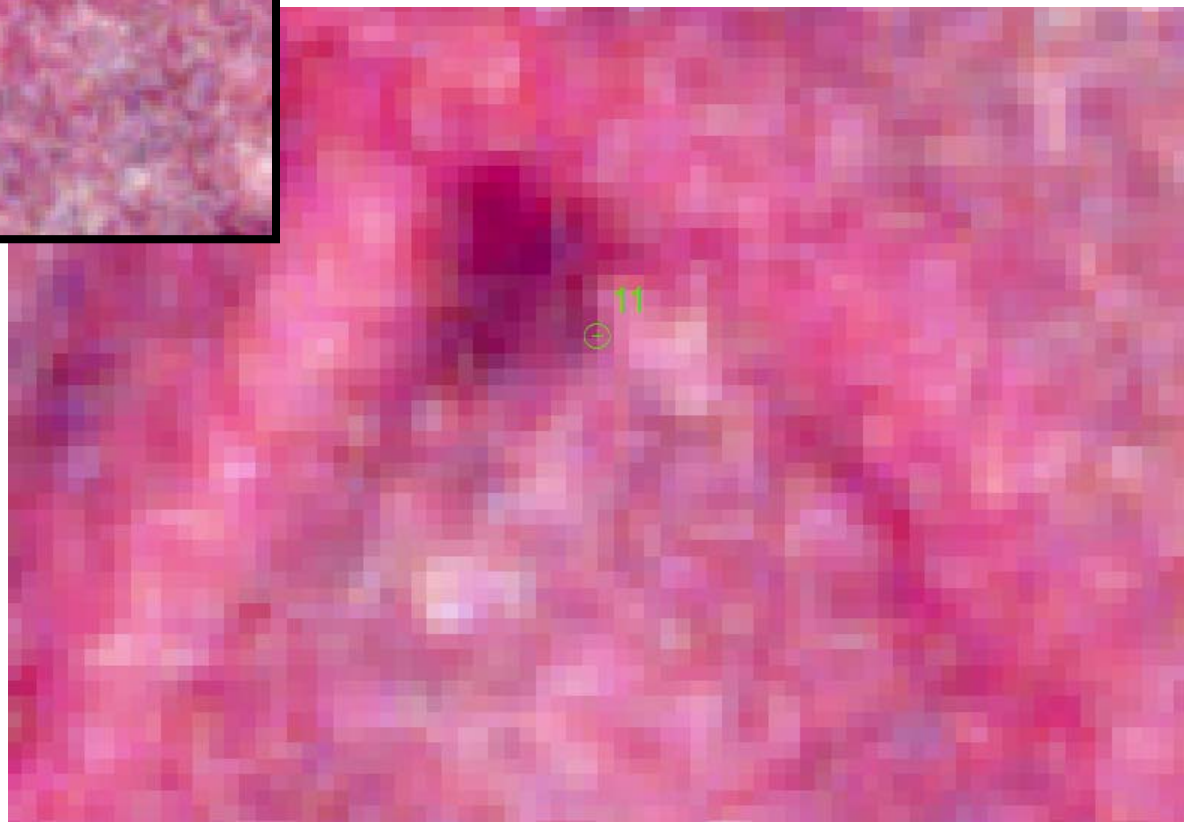
Cell size ~ 1.75 meters

GCP_10

SKK-11



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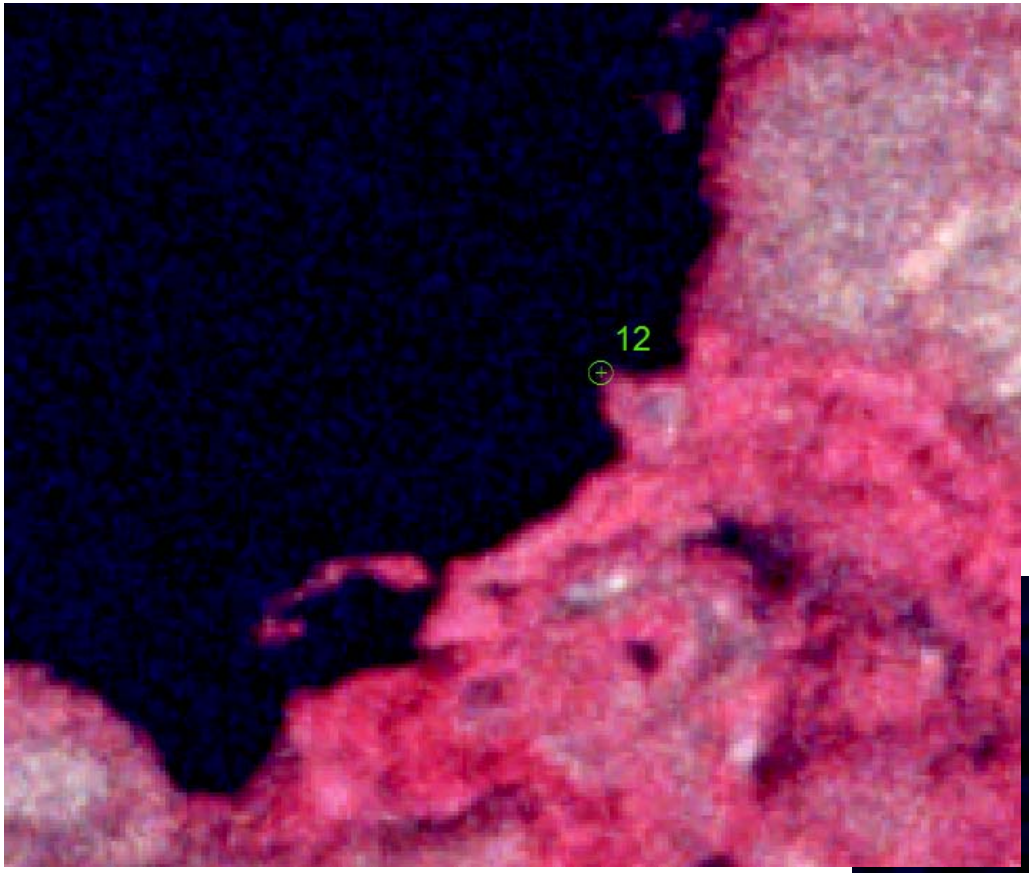
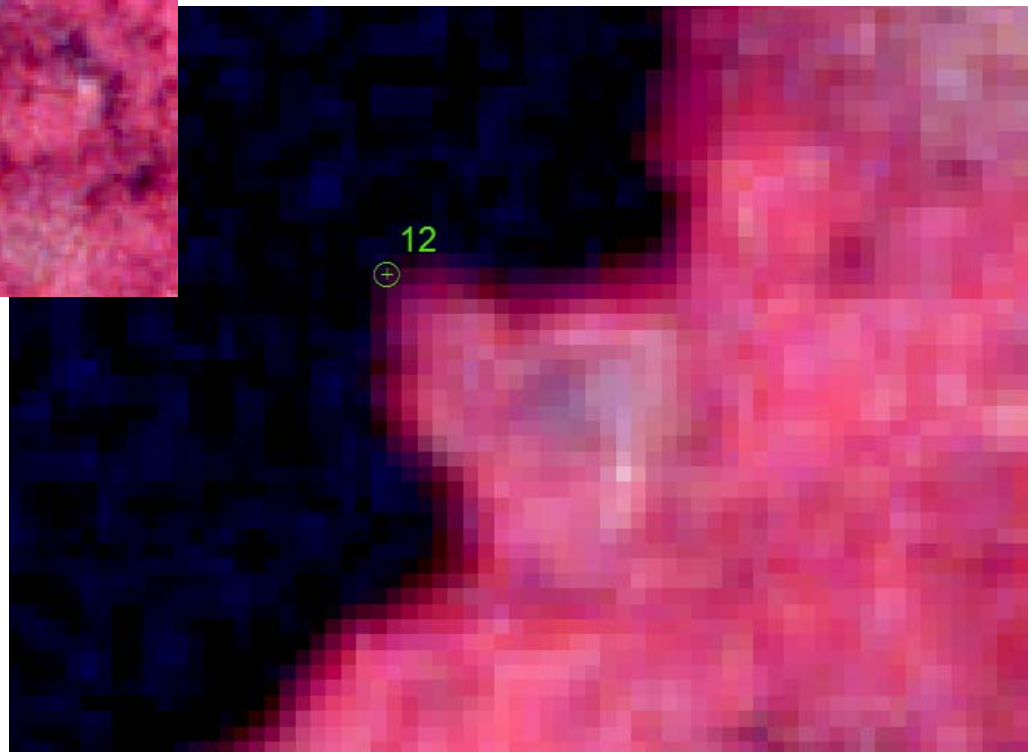
Cell size ~ 1.75 meters

GCP_11

SKK-12



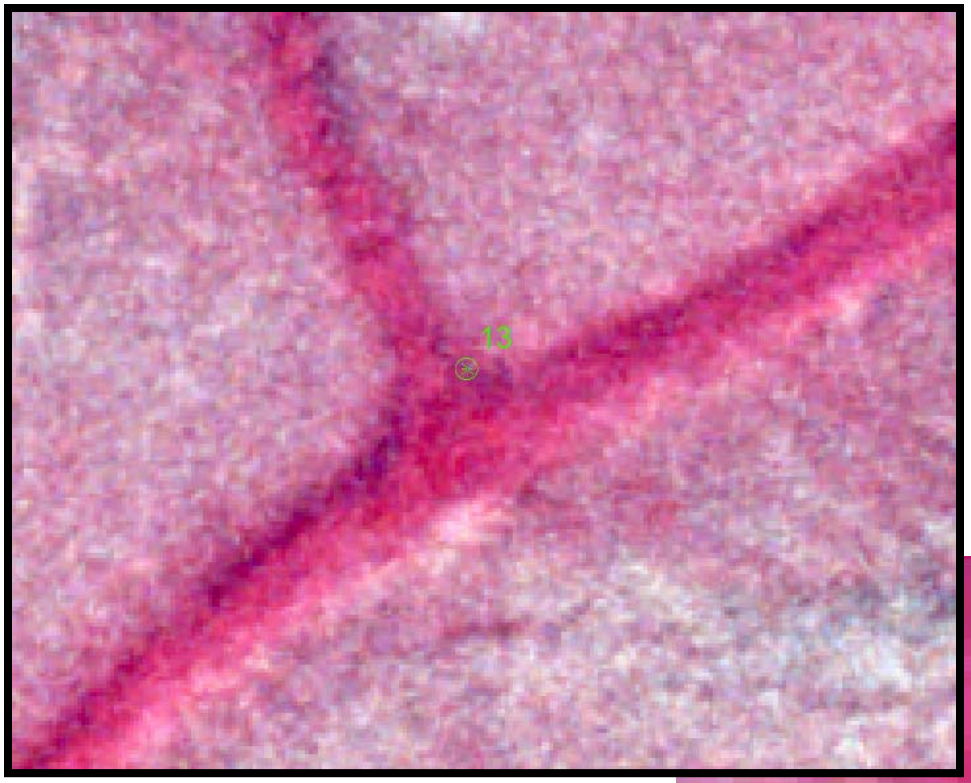


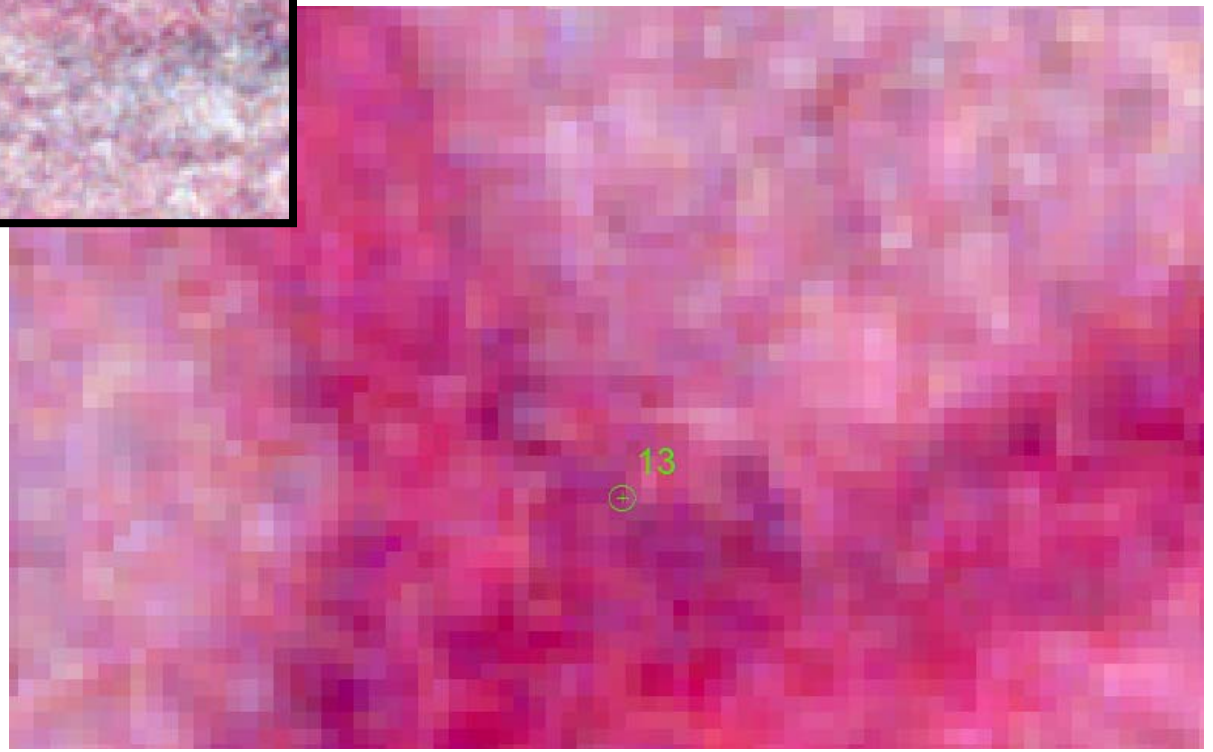
N

Cell size ~ 1.75 meters

GCP_12

SKK-13





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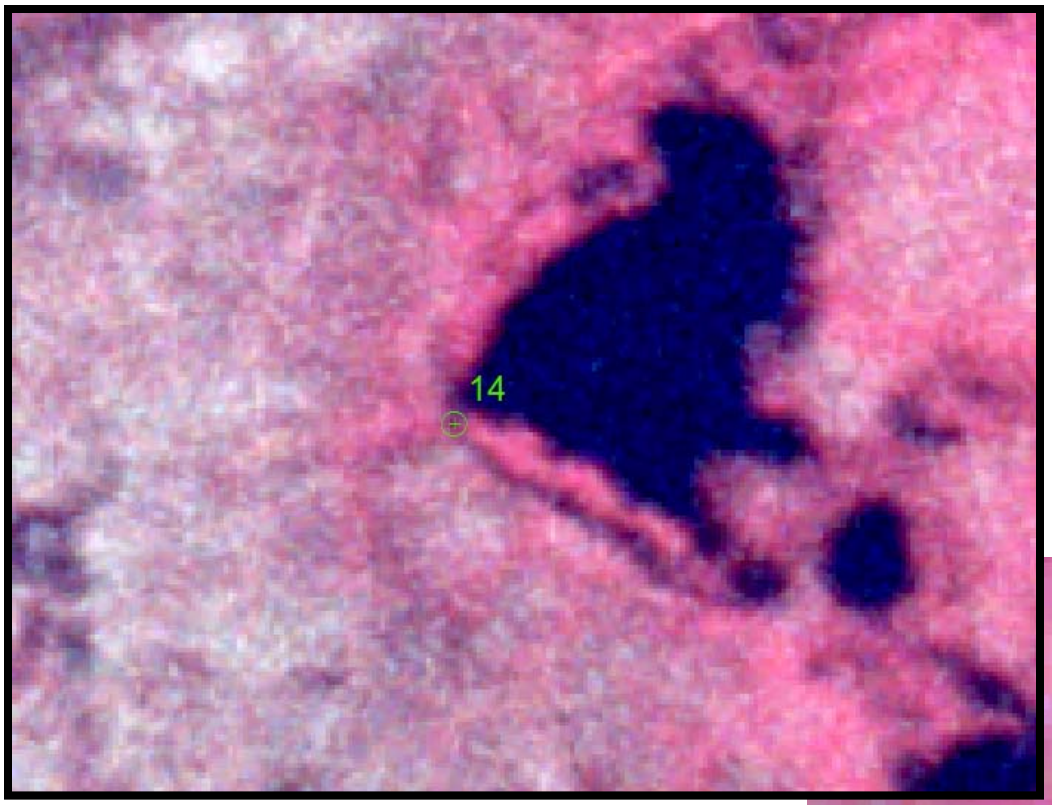
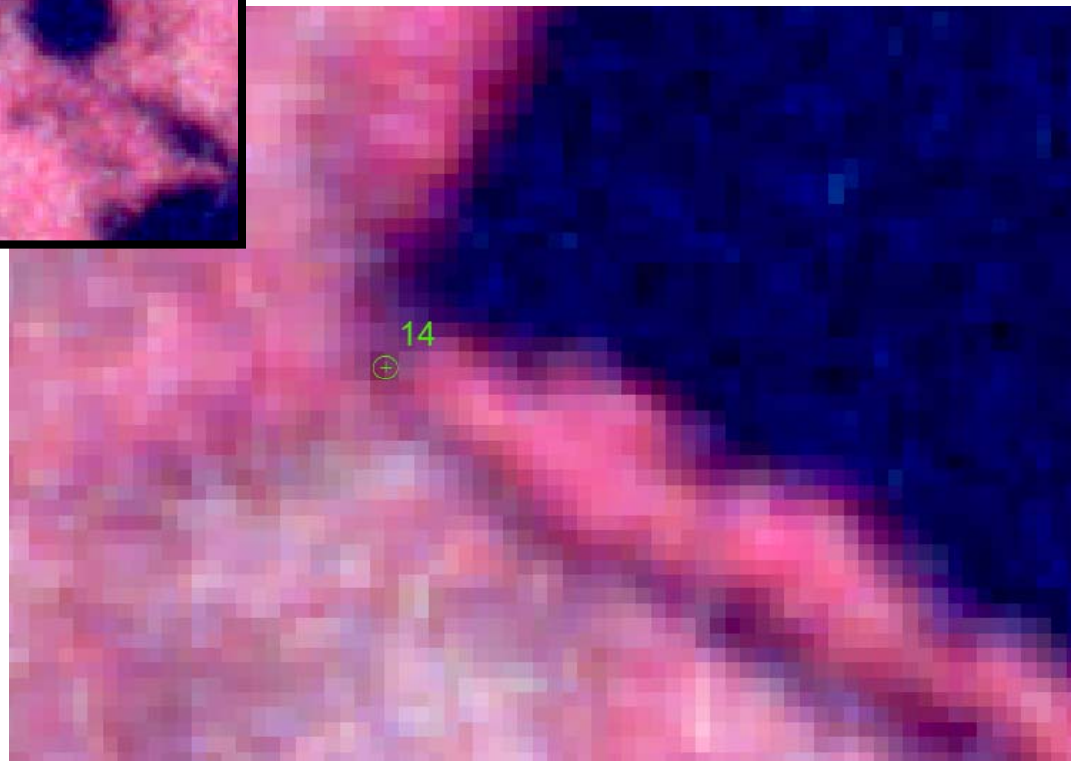
Cell size ~ 1.75 meters

GCP_13

SKK-14





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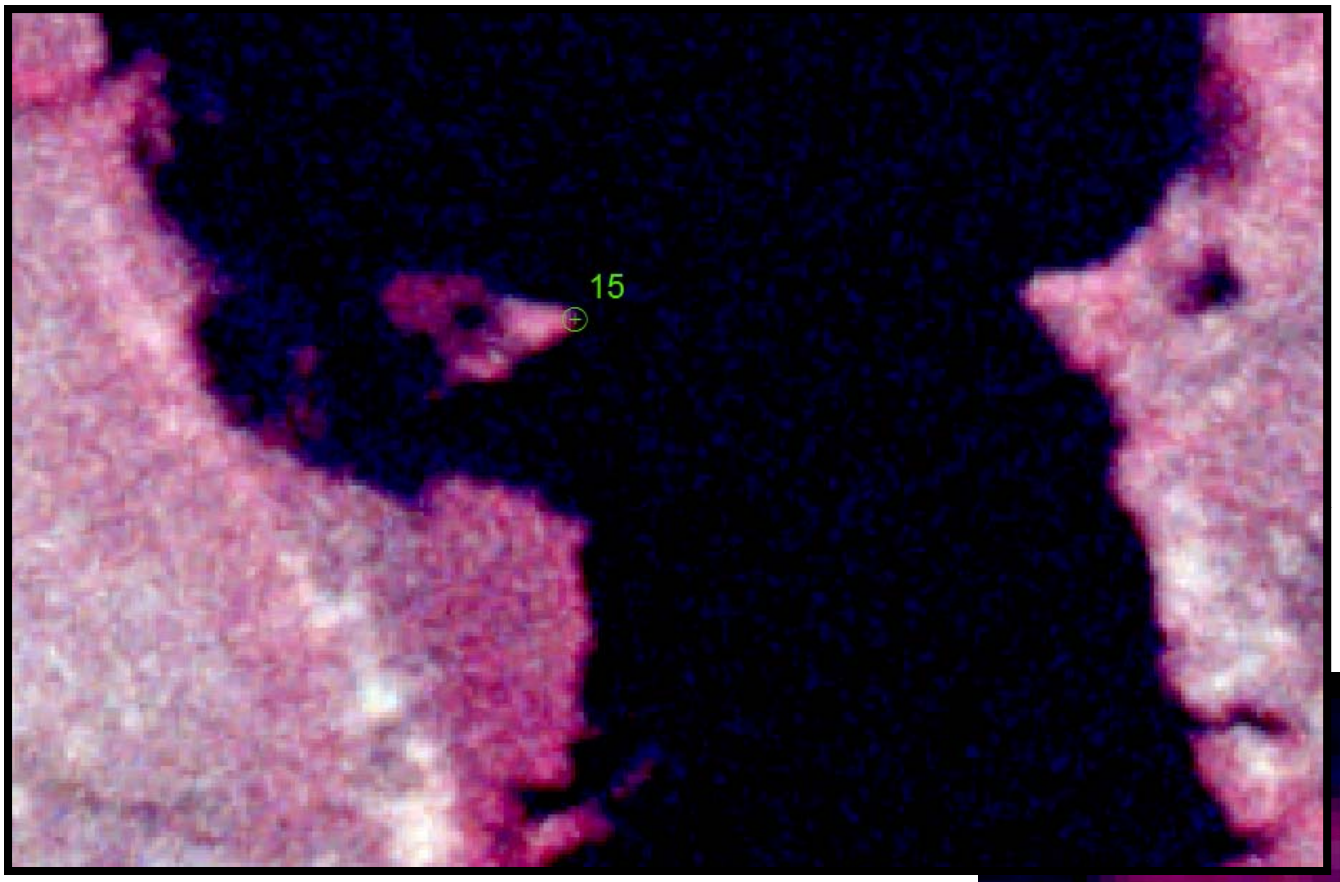
Cell size ~ 1.75 meters

GCP_14

SKK-15



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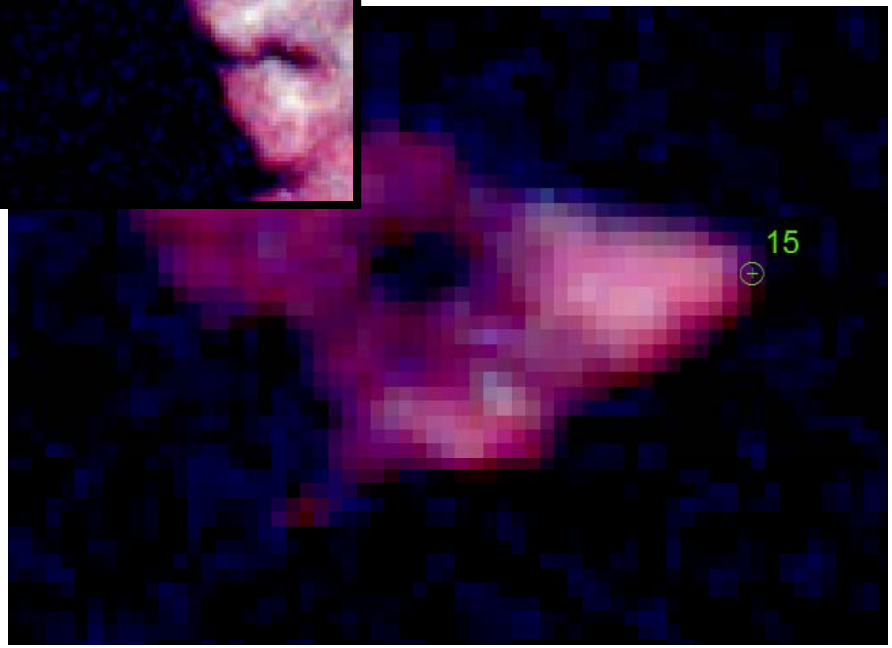

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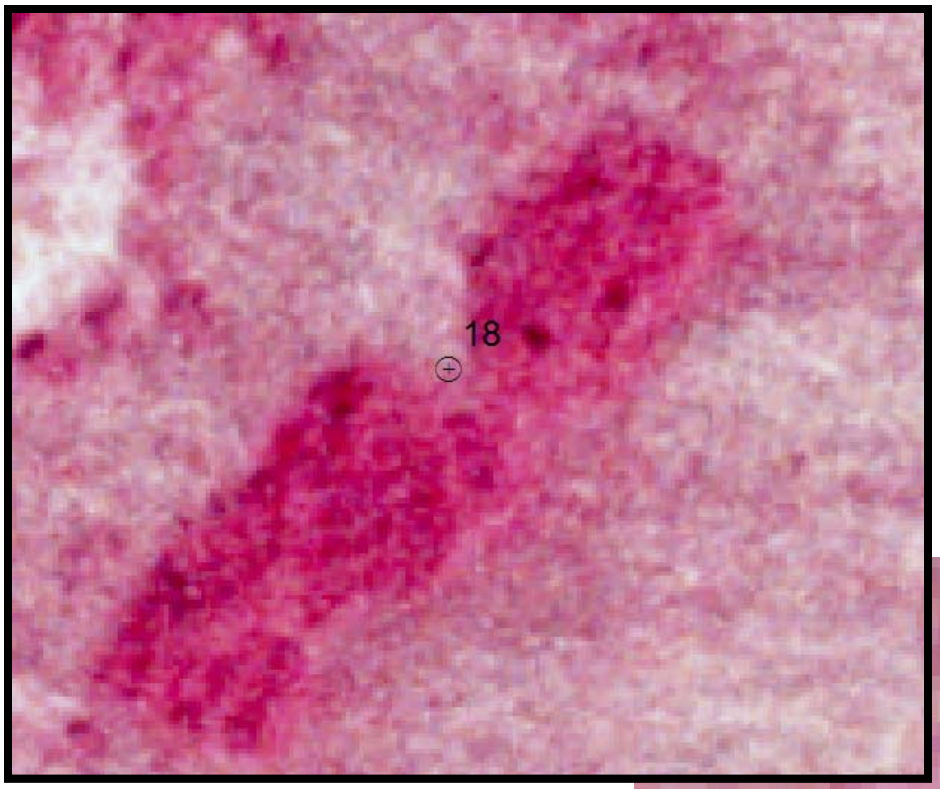
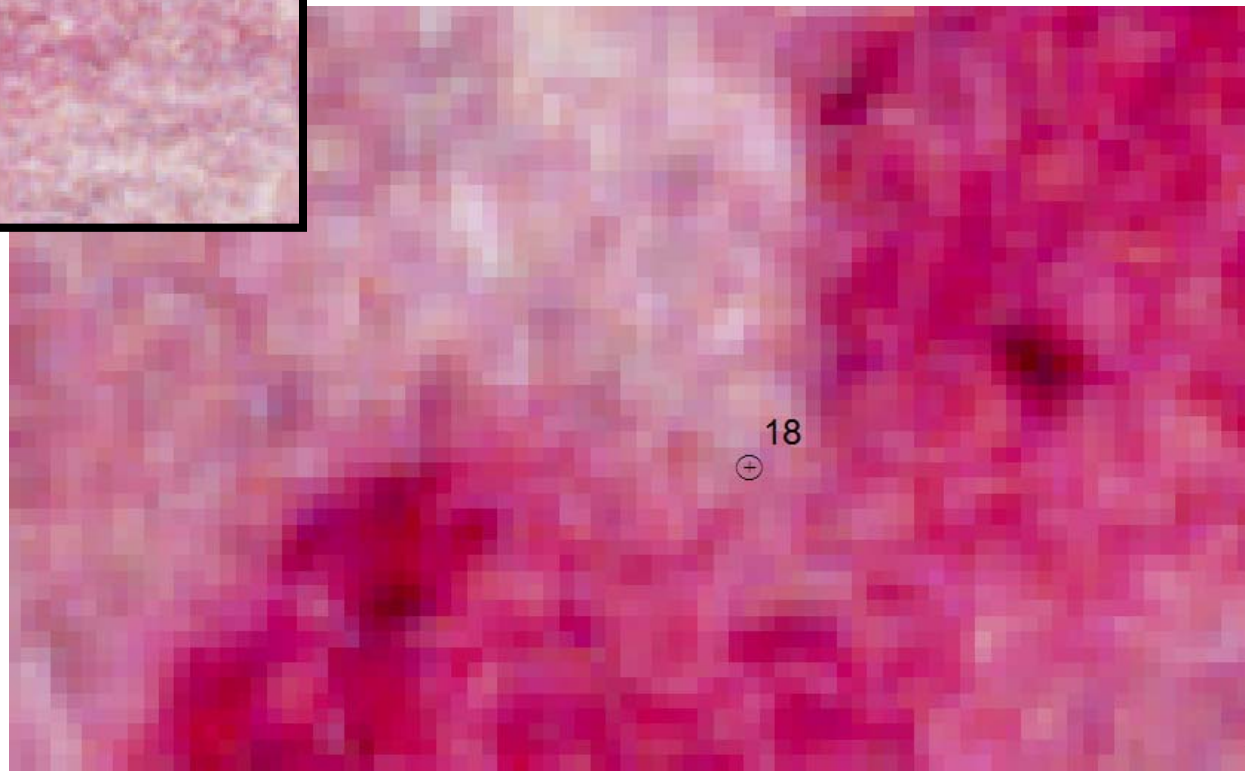
Cell size ~ 1.75 meters

GCP_15

SKK-18





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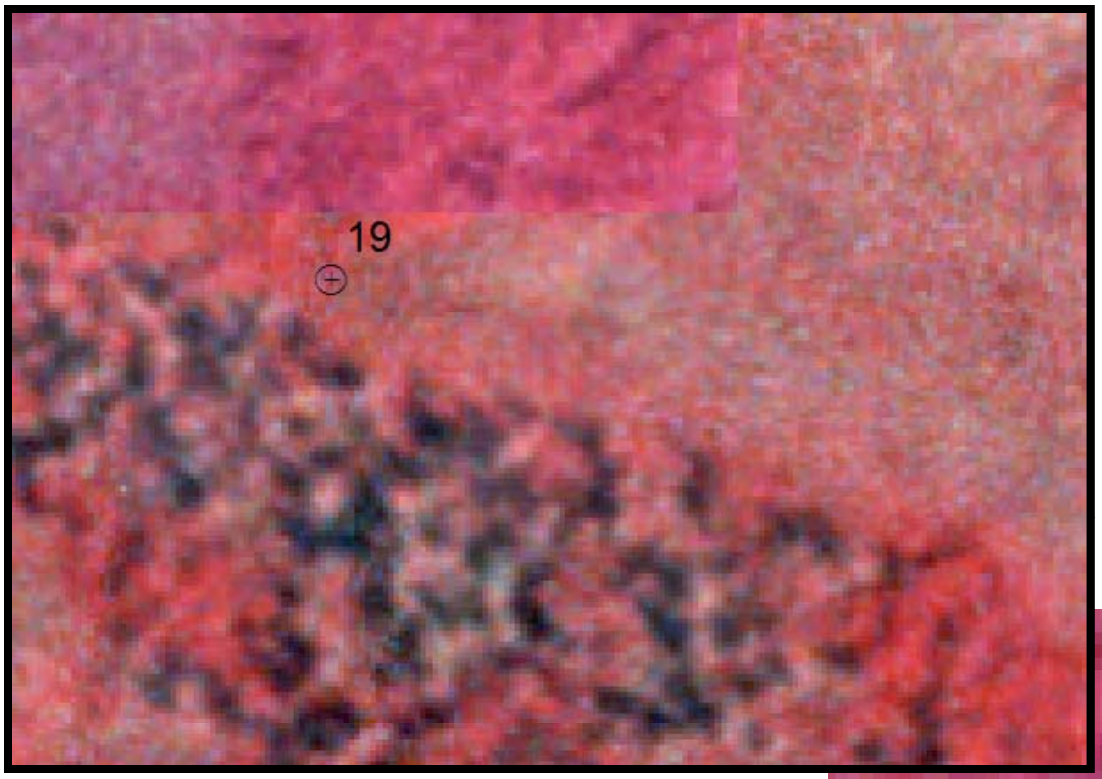
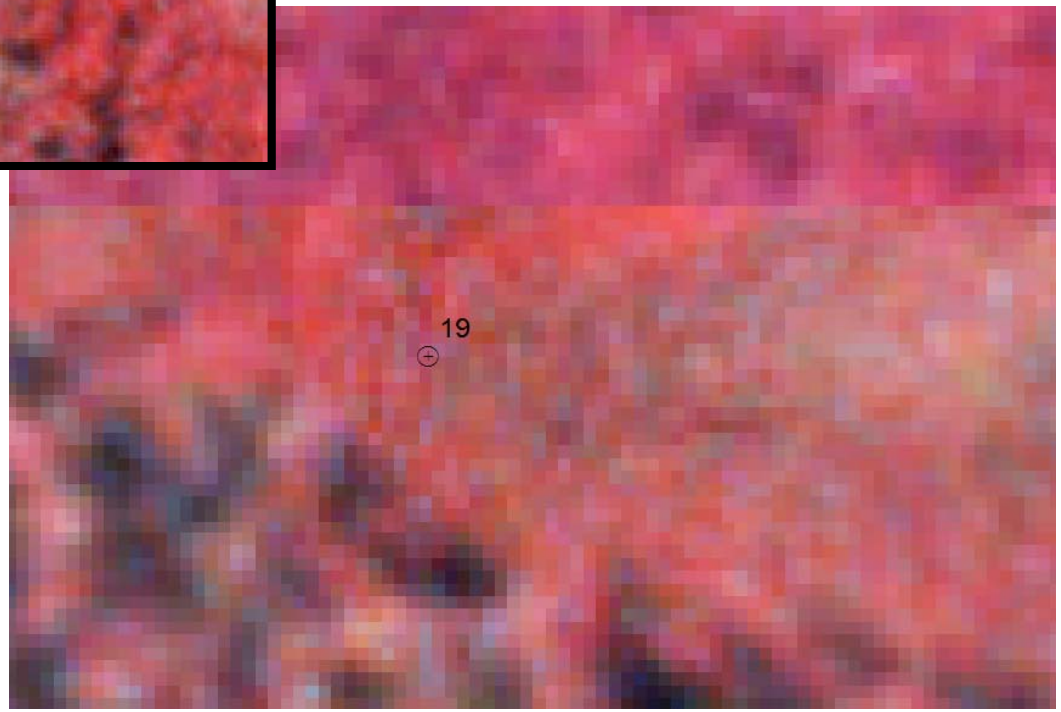
Cell size ~ 1.75 meters

GCP_18

SKK-19





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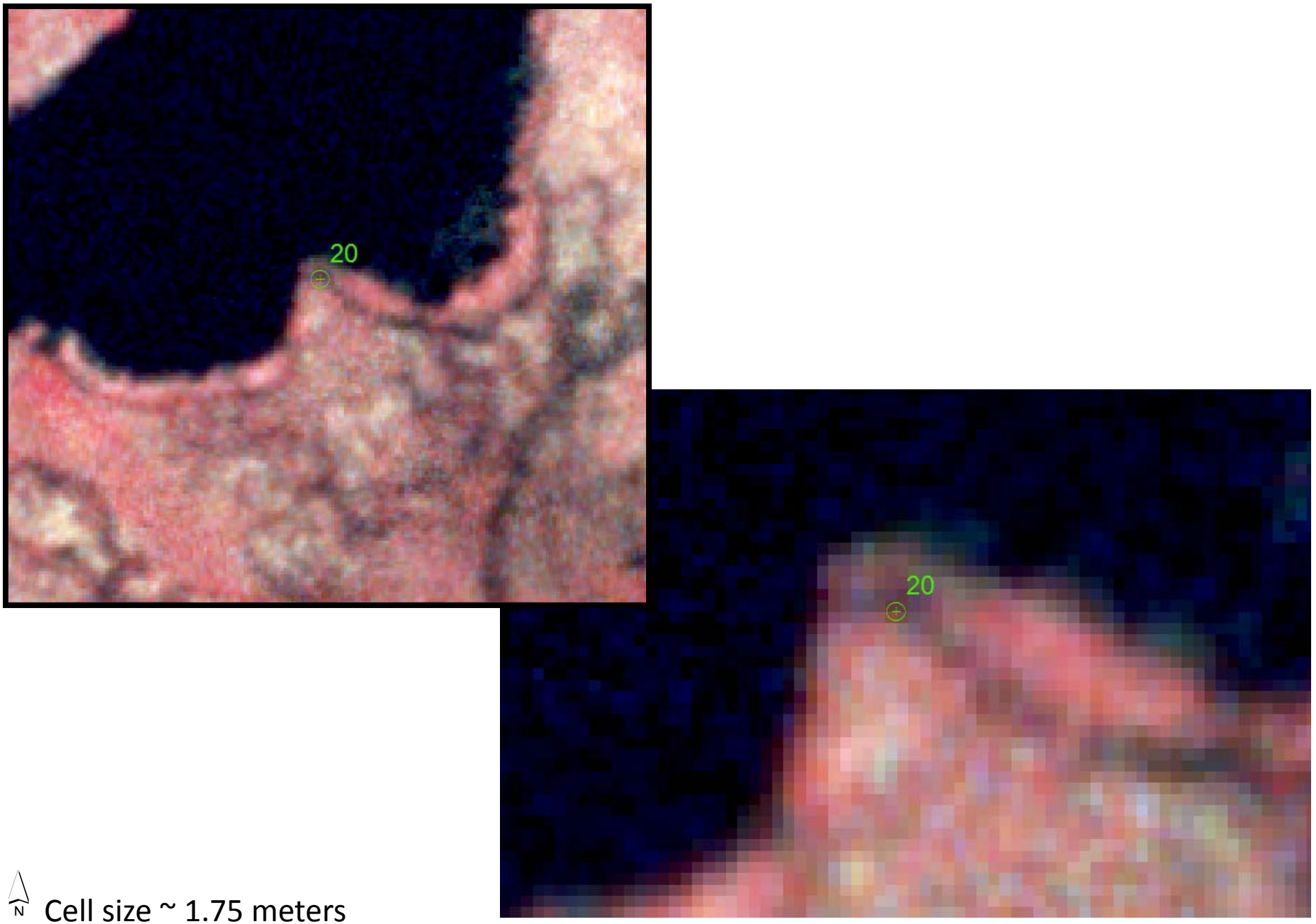
Cell size ~ 1.75 meters

GCP_19

SKK-20



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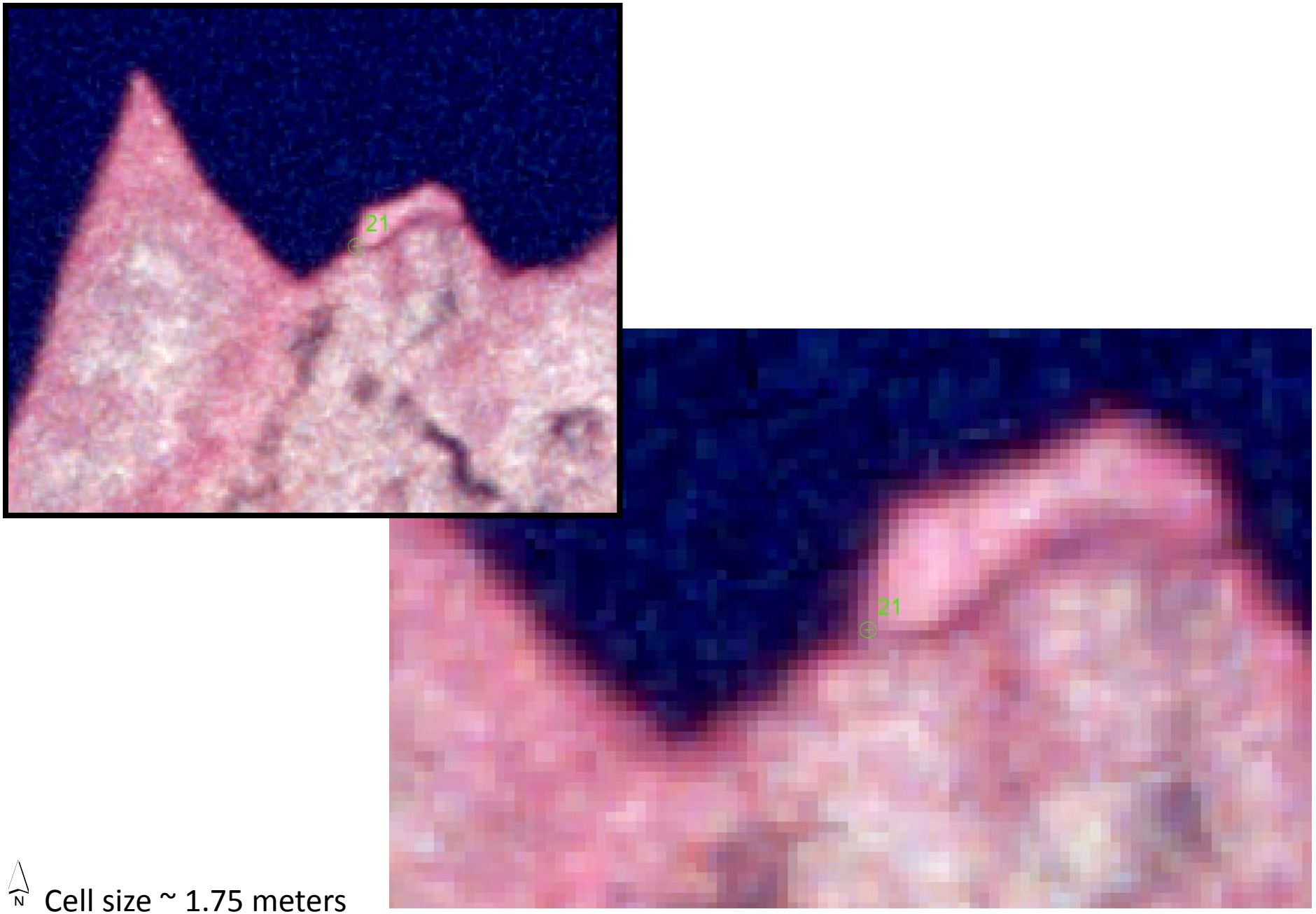
Cell size ~ 1.75 meters

GCP_20

SKK-21



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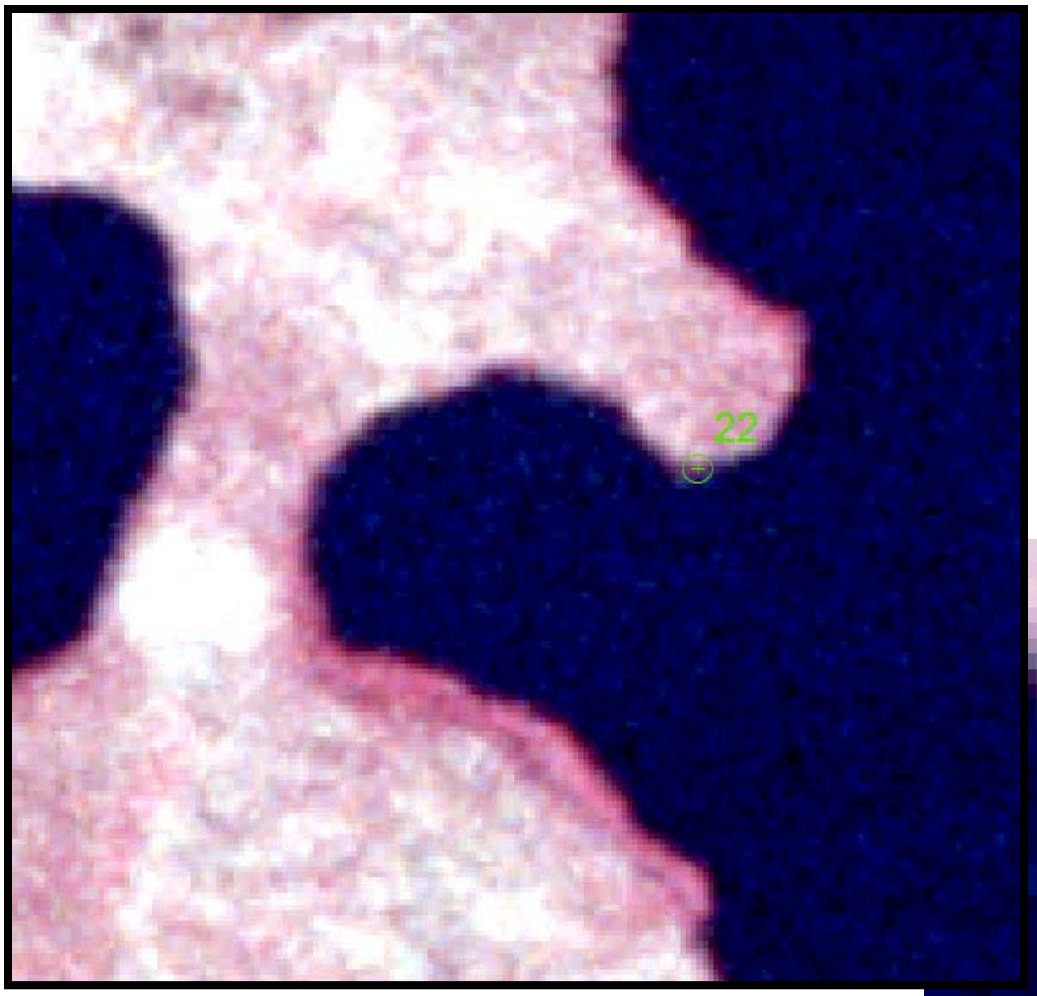
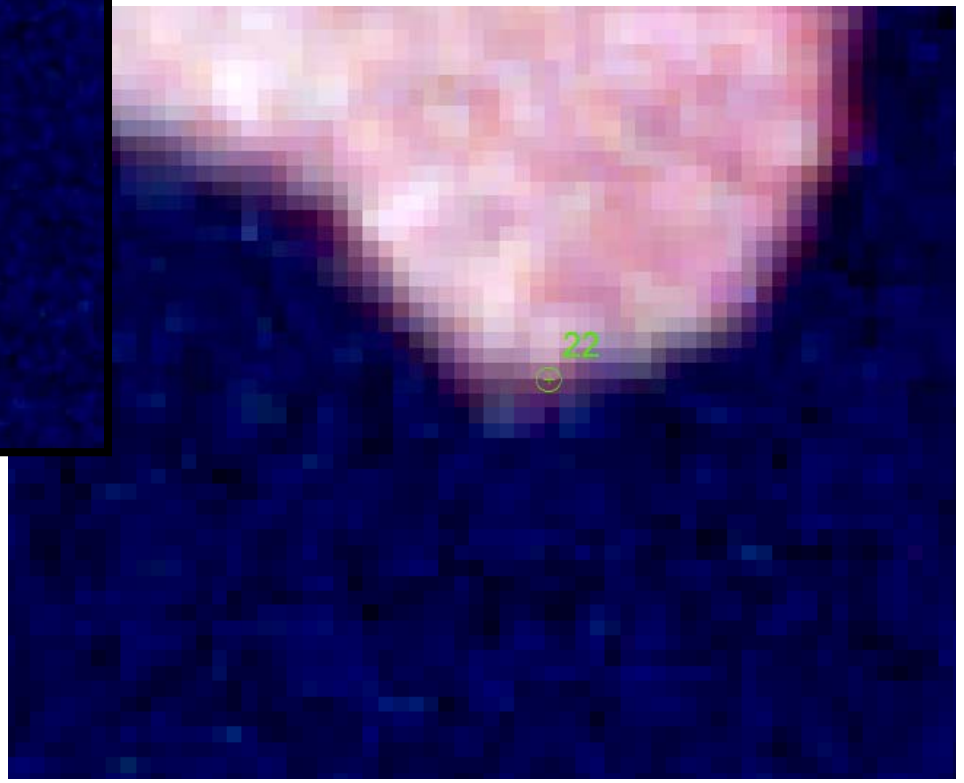
Cell size ~ 1.75 meters

GCP_21

SKK-22





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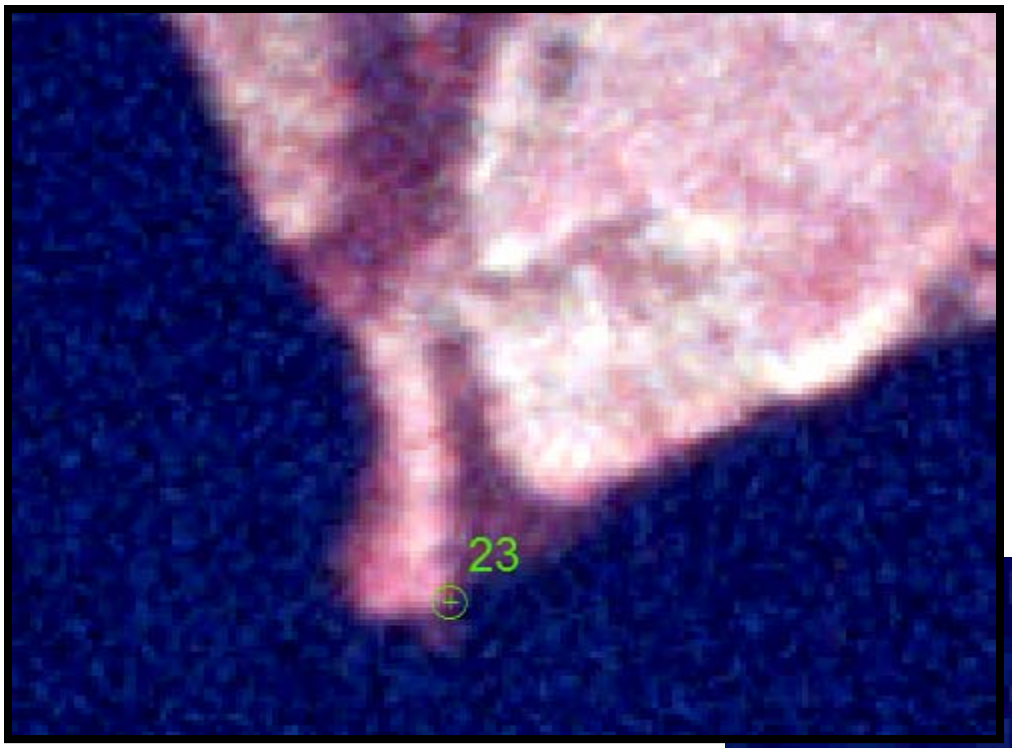
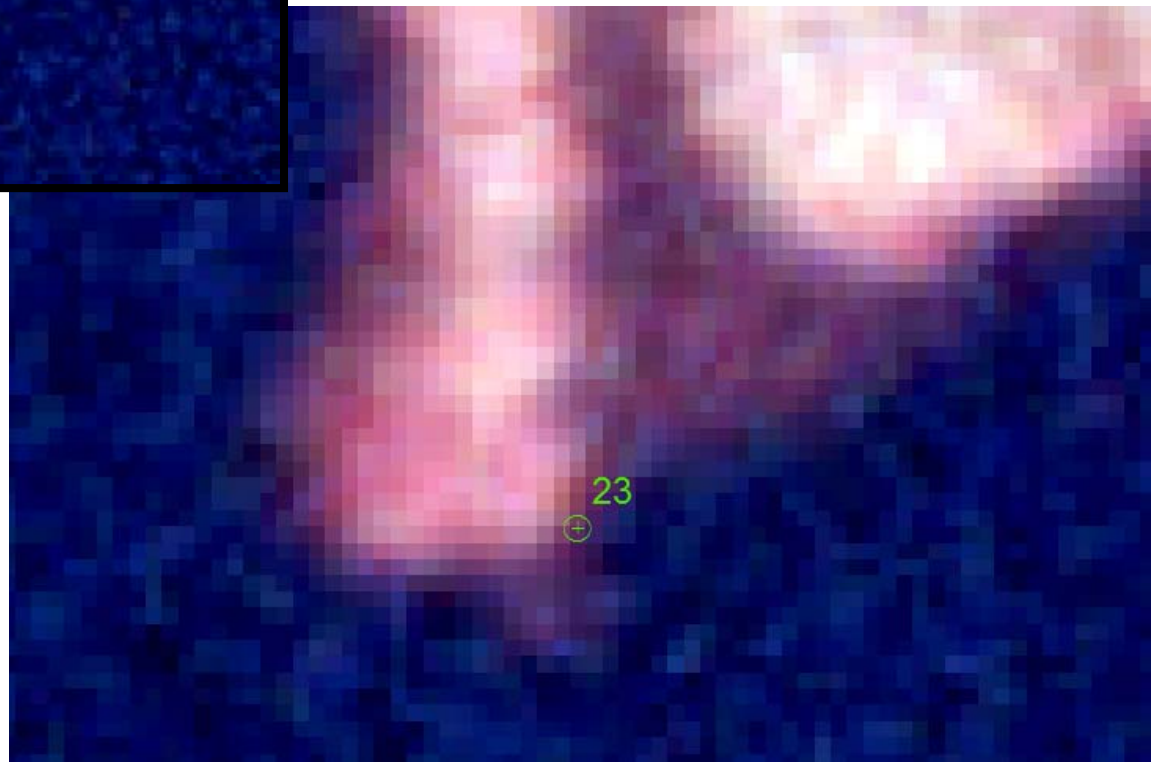
Cell size ~ 1.75 meters

GCP_22

SKK-23





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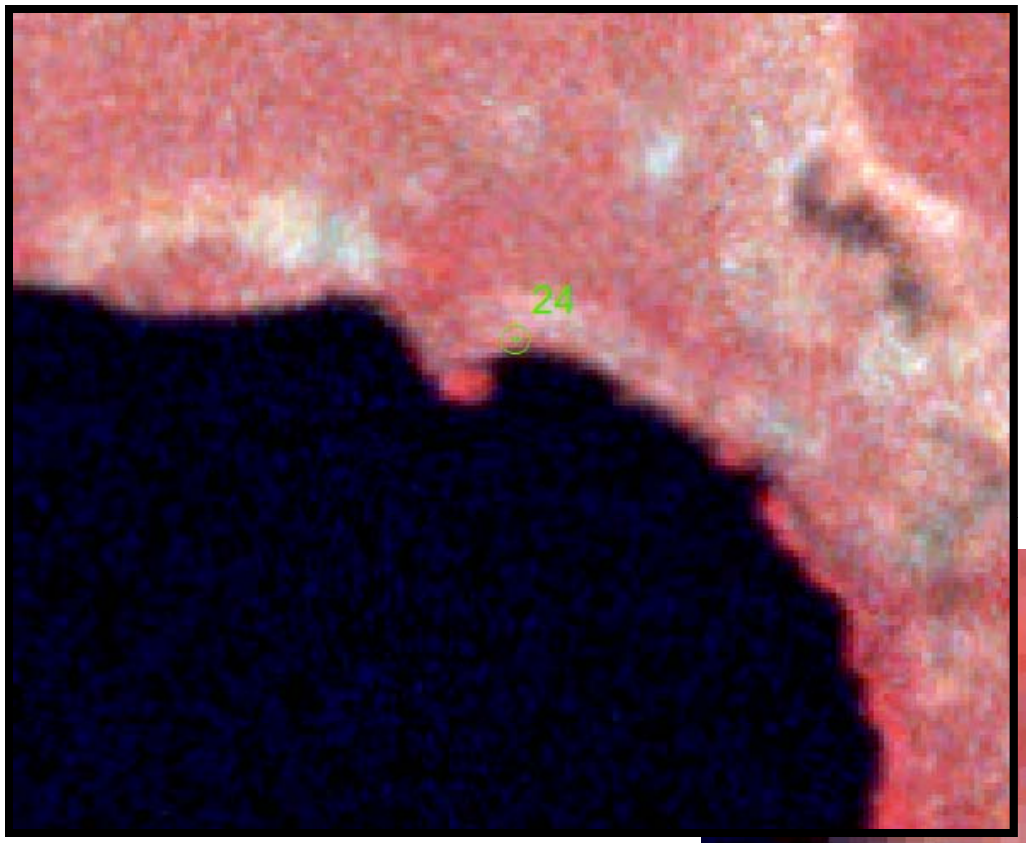
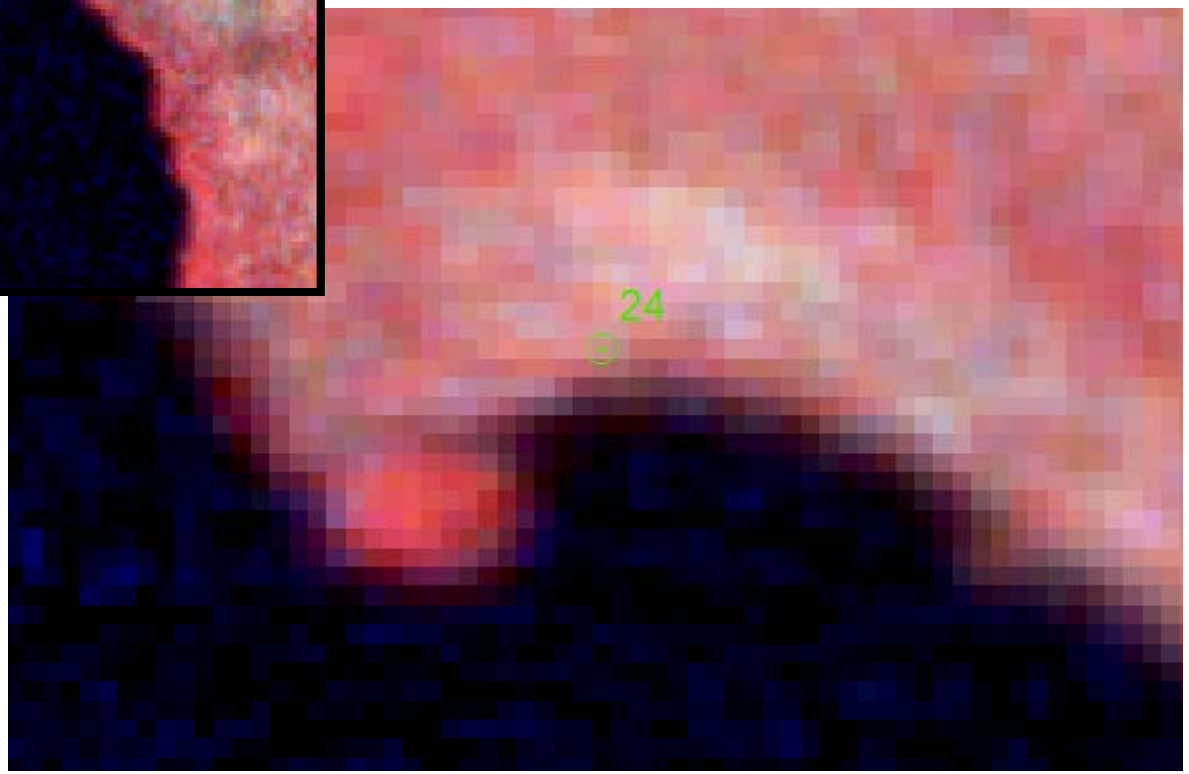
Cell size ~ 1.75 meters

GCP_23

SKK-24



*Lower confidence



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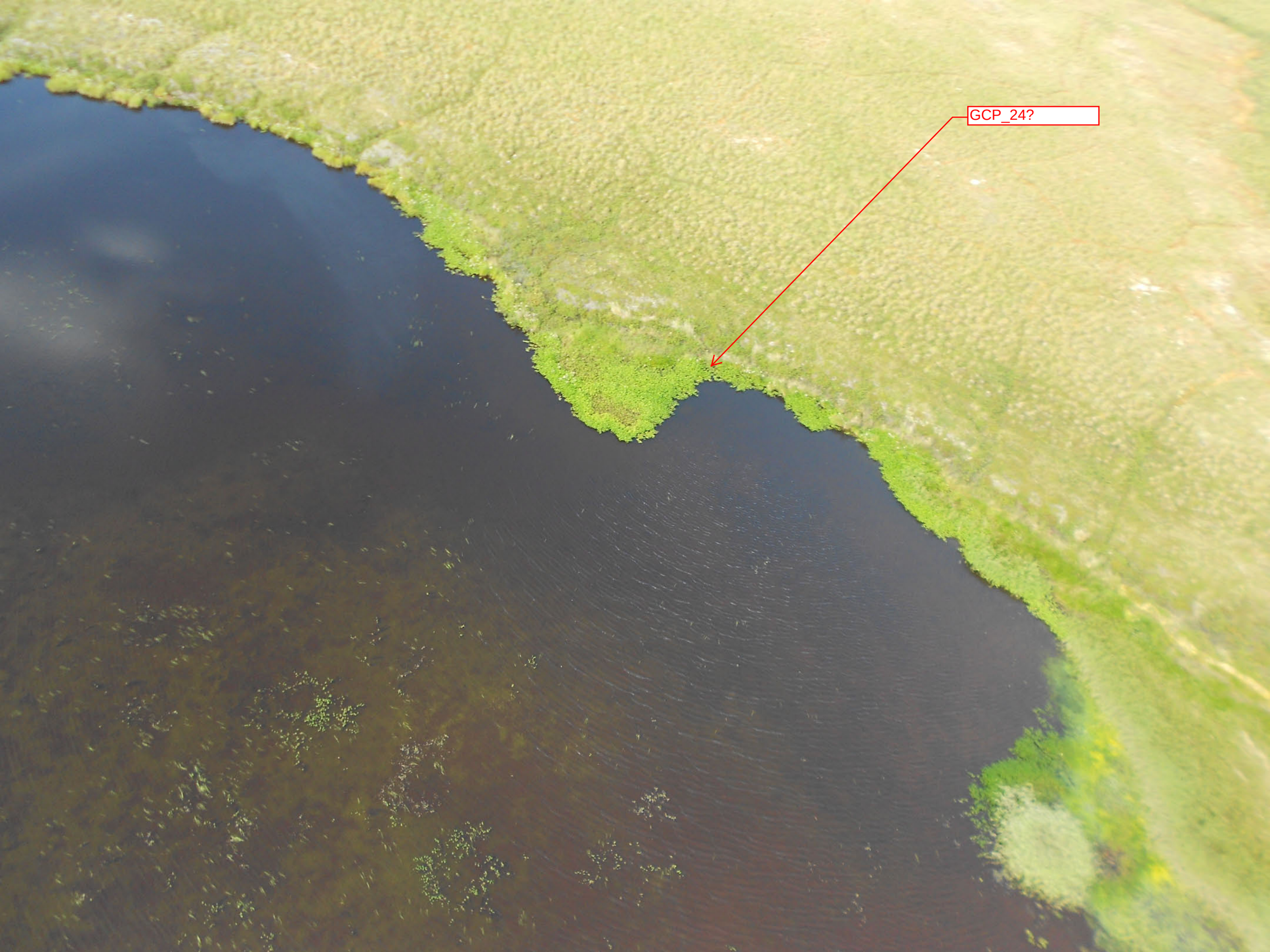
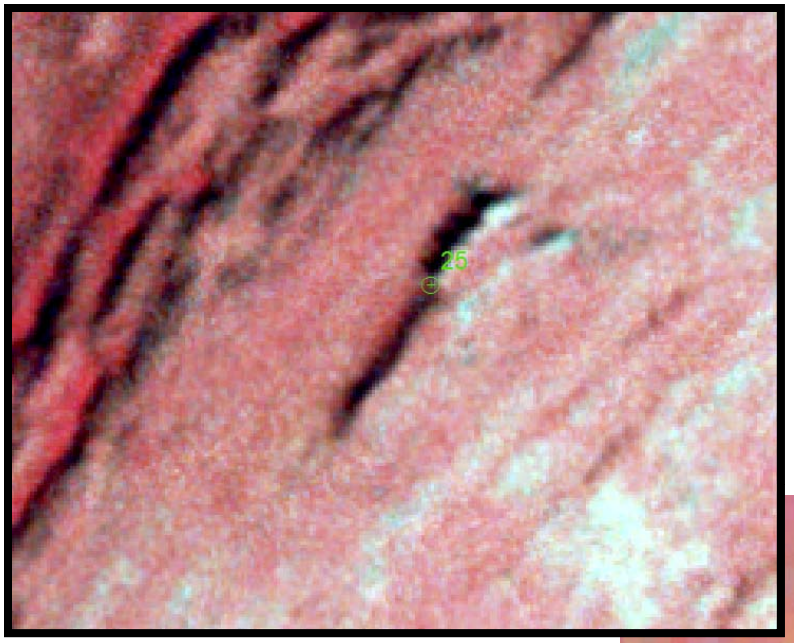
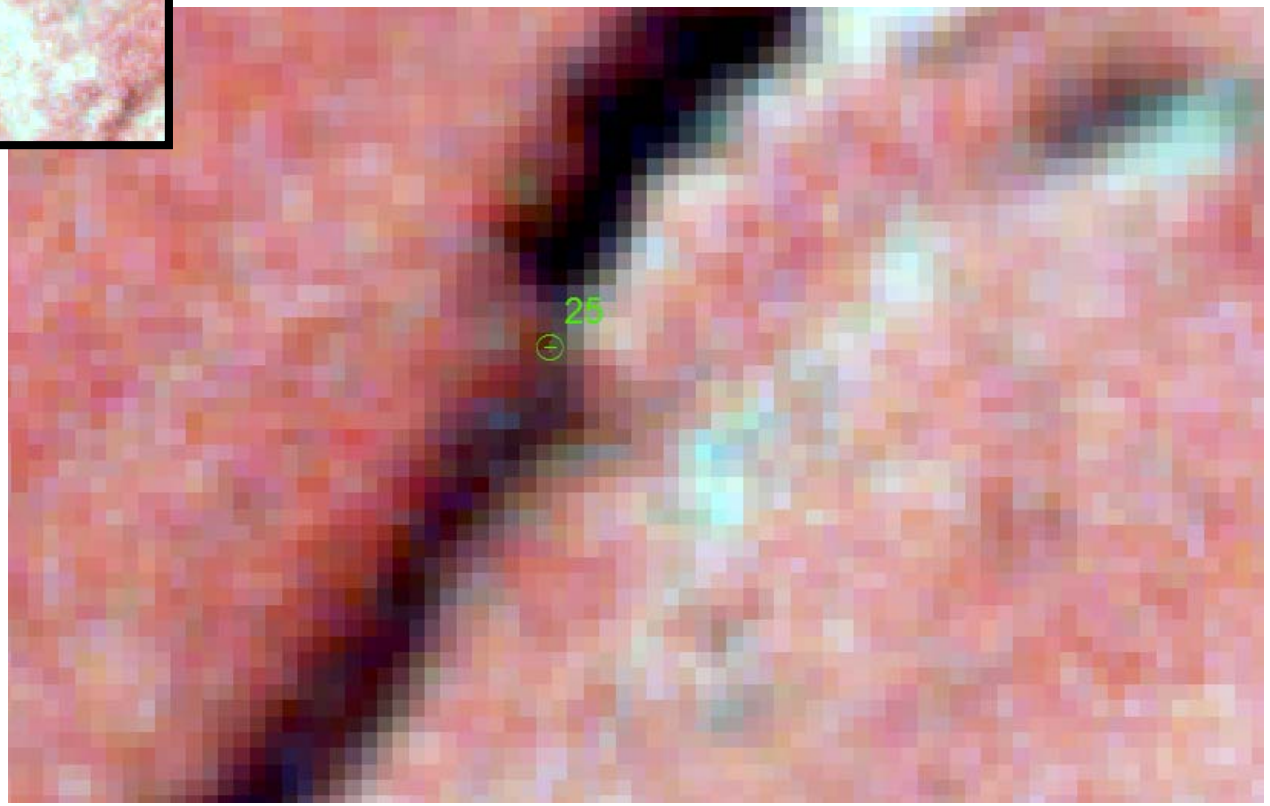

GCP_24?

SKK-25





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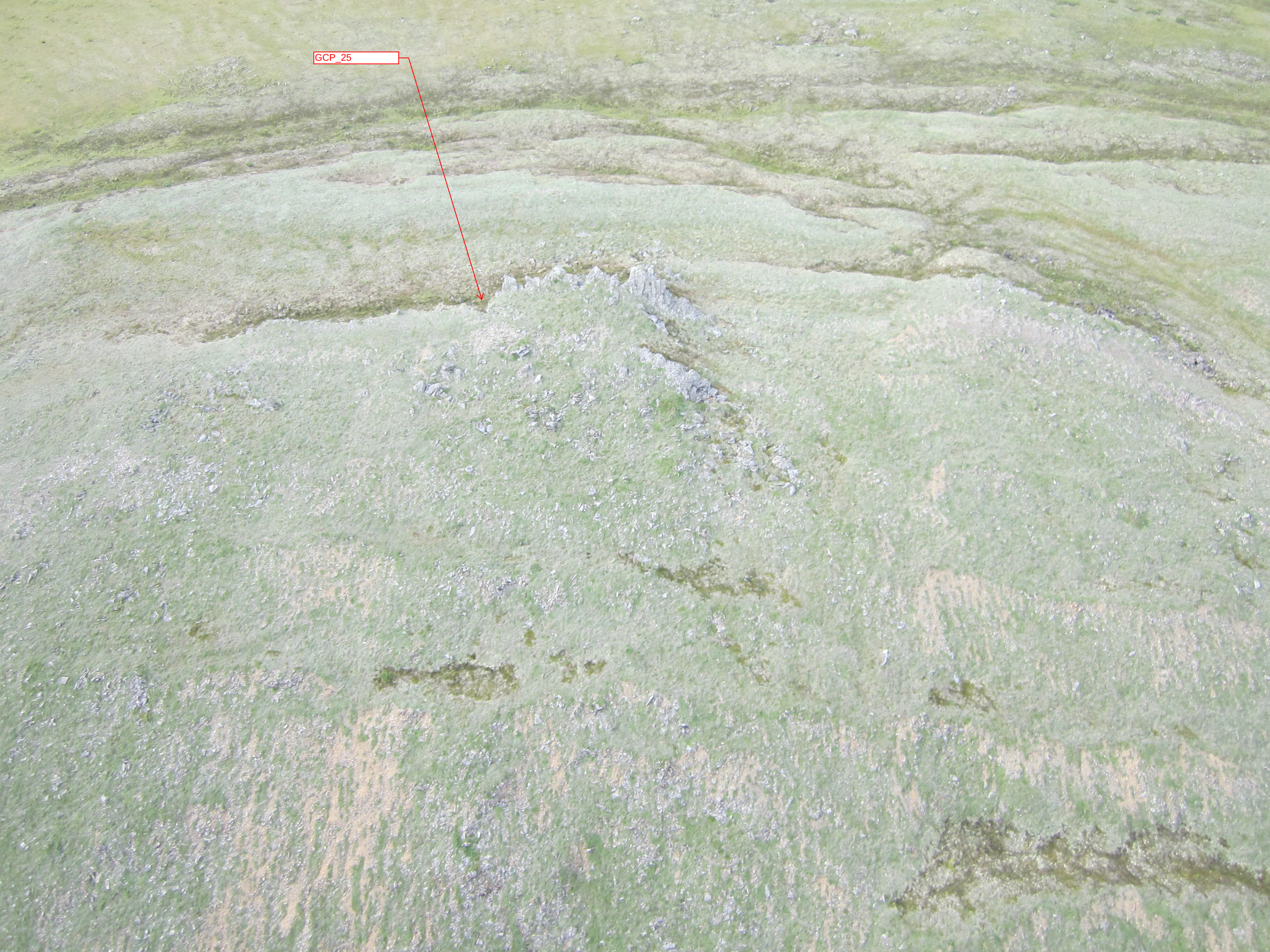
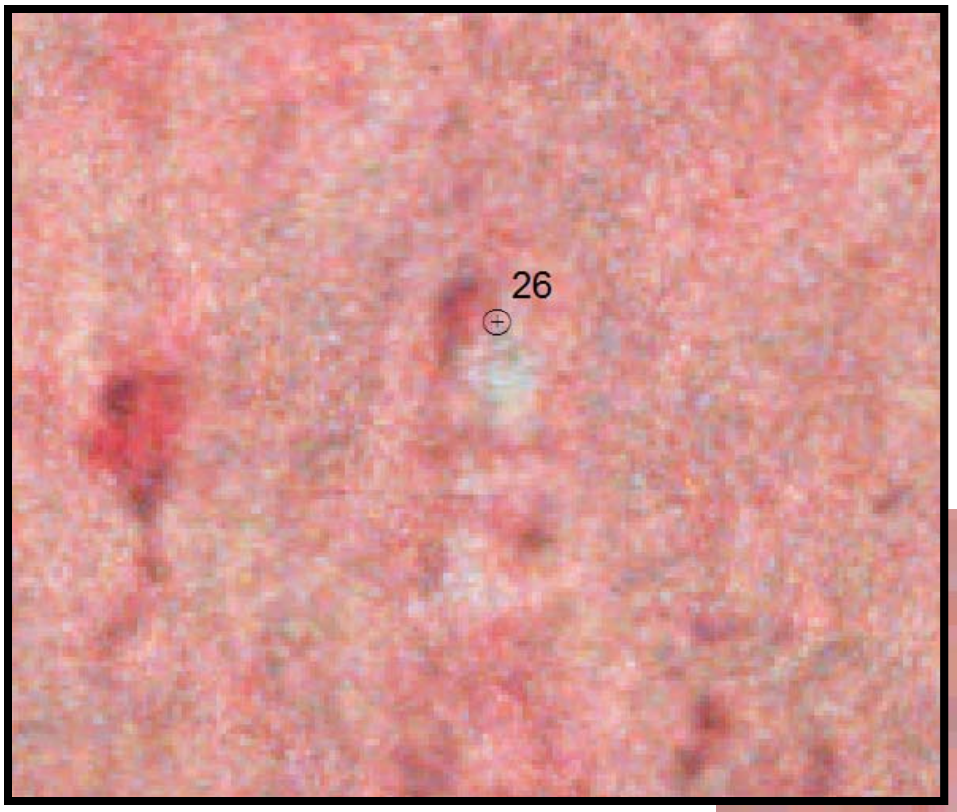
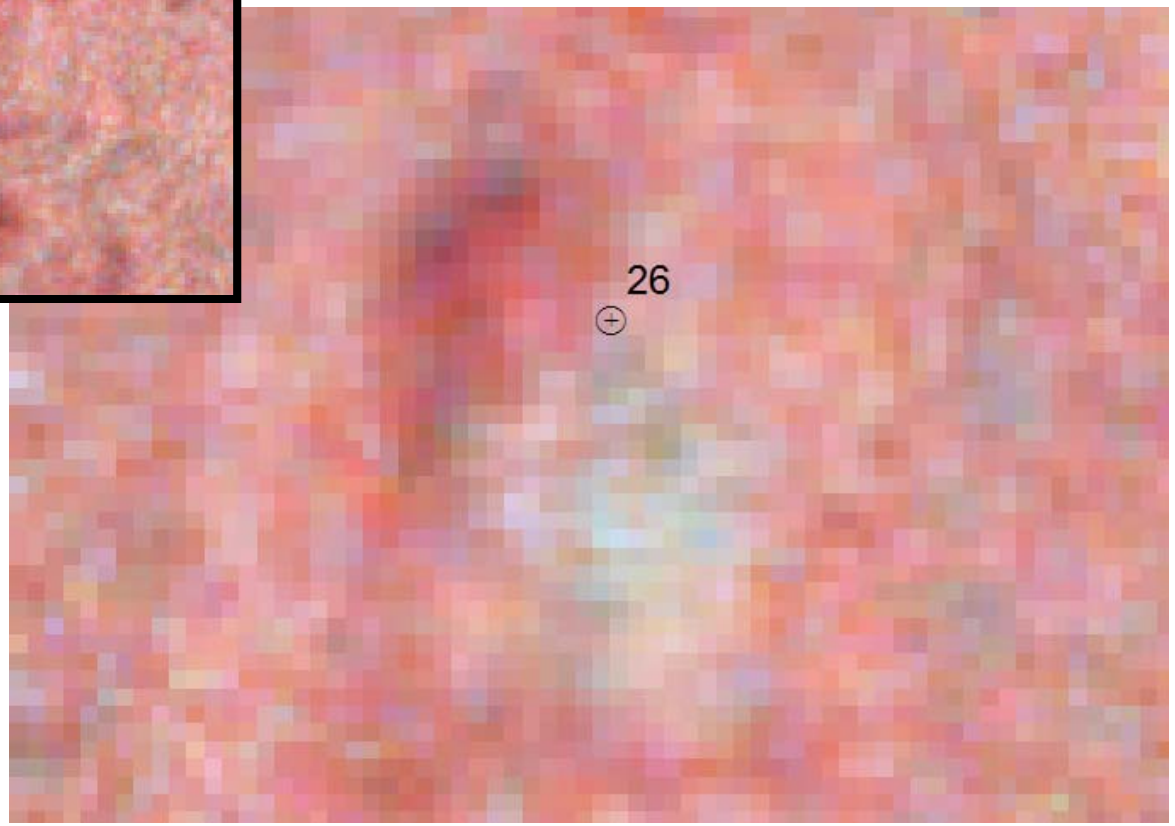

GCP_25

SKK-26





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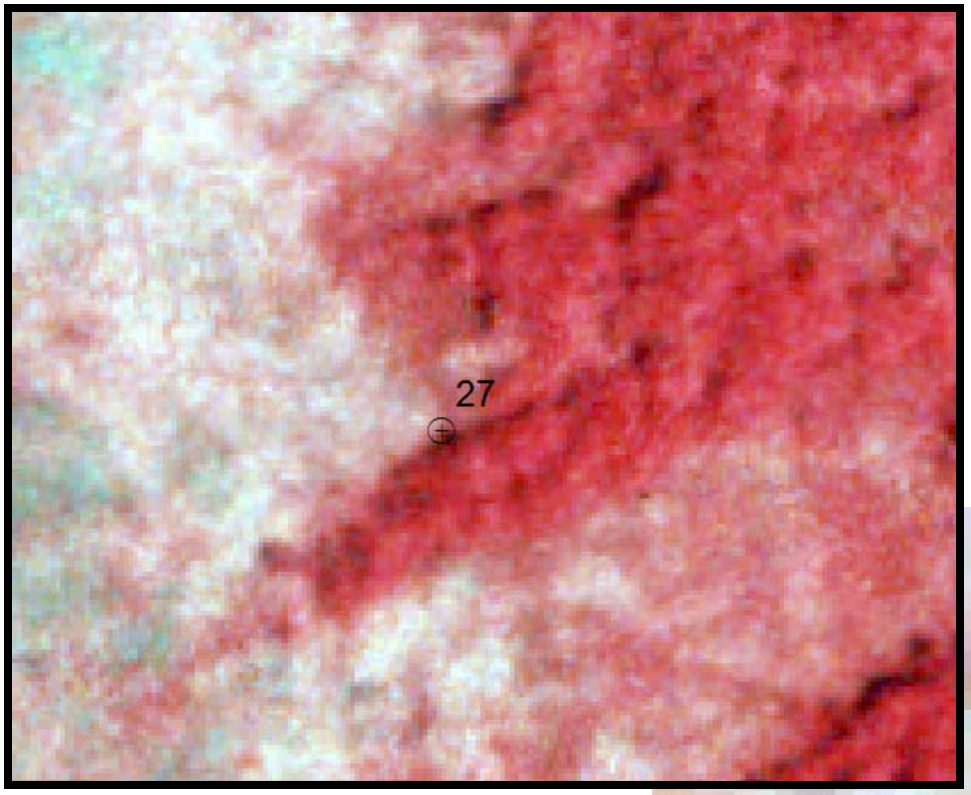
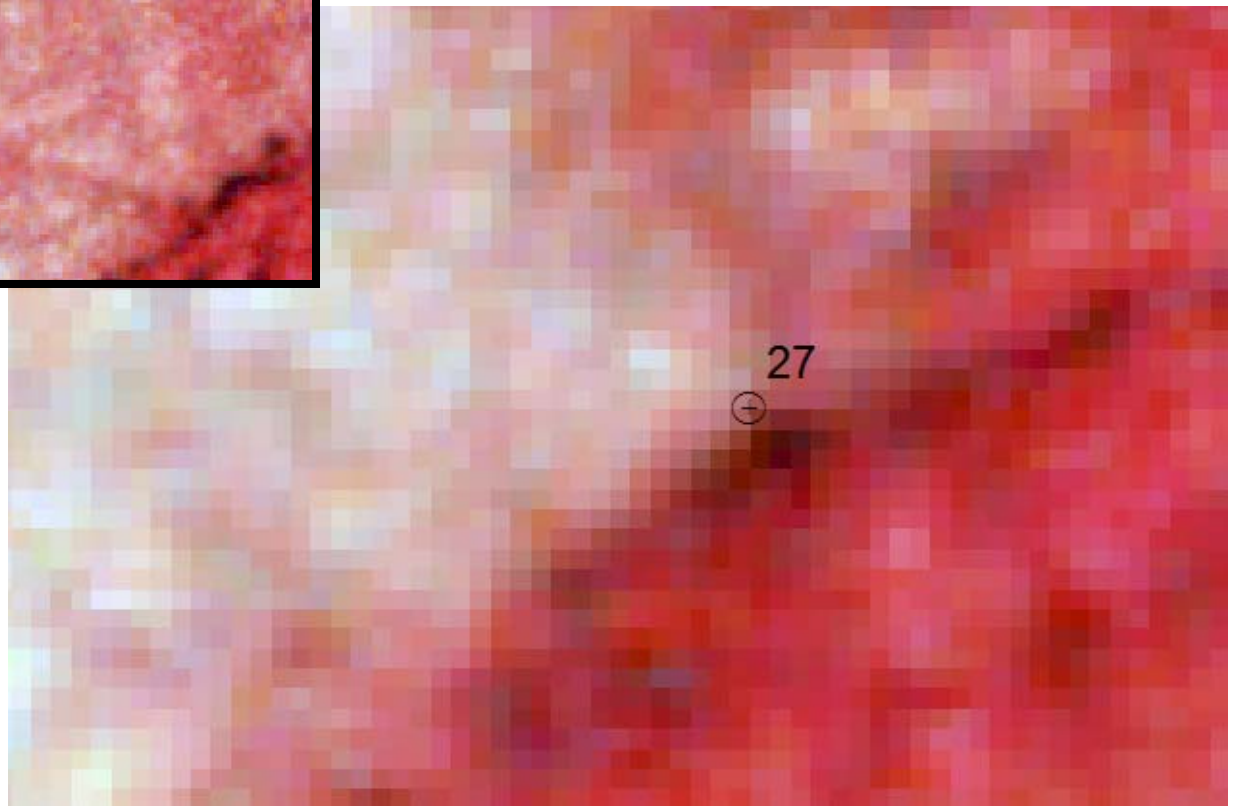
Cell size ~ 1.75 meters

GCP_26

SKK-27



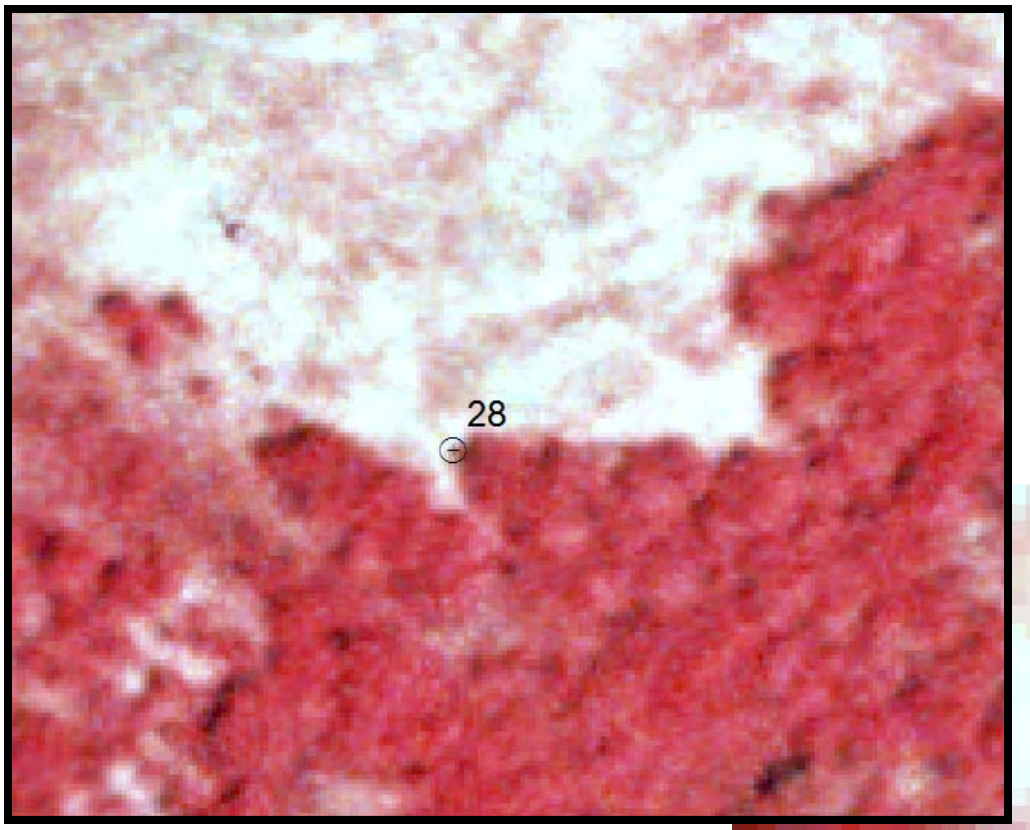


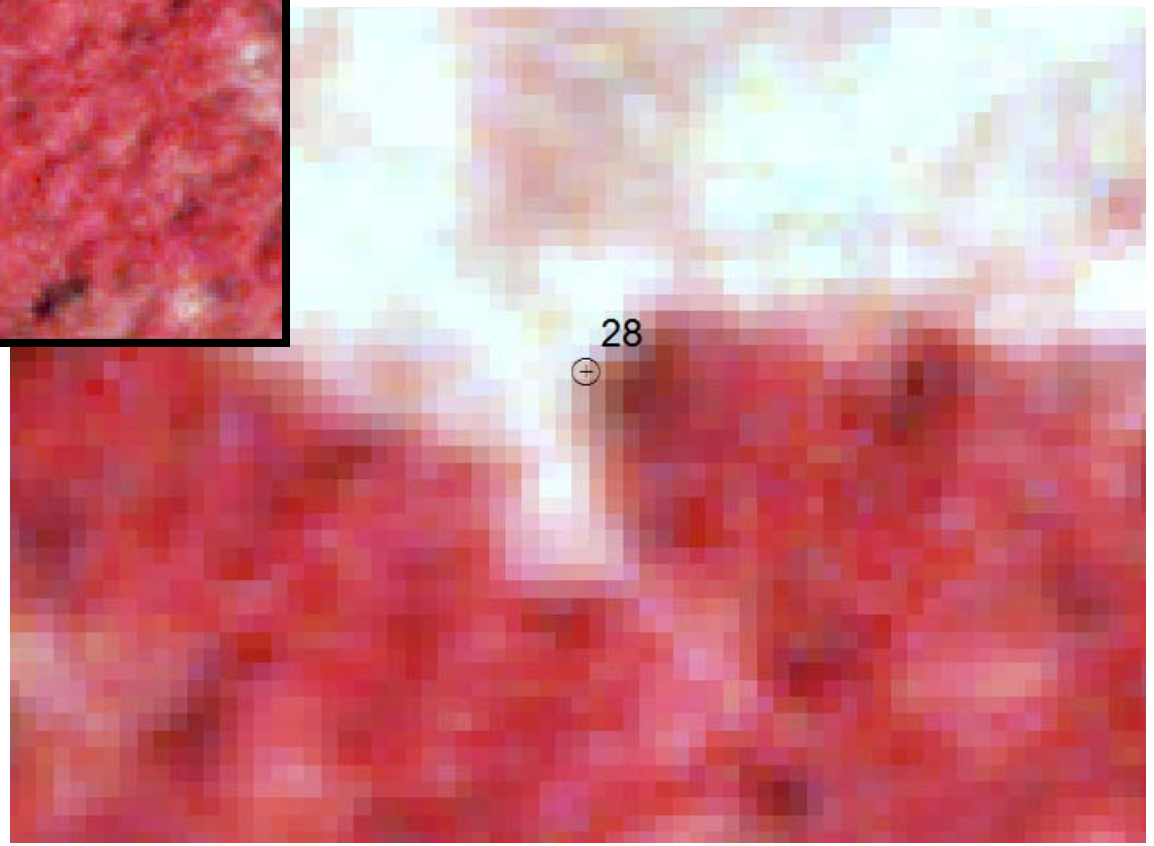
N

Cell size ~ 1.75 meters

GCP_27

SKK-28



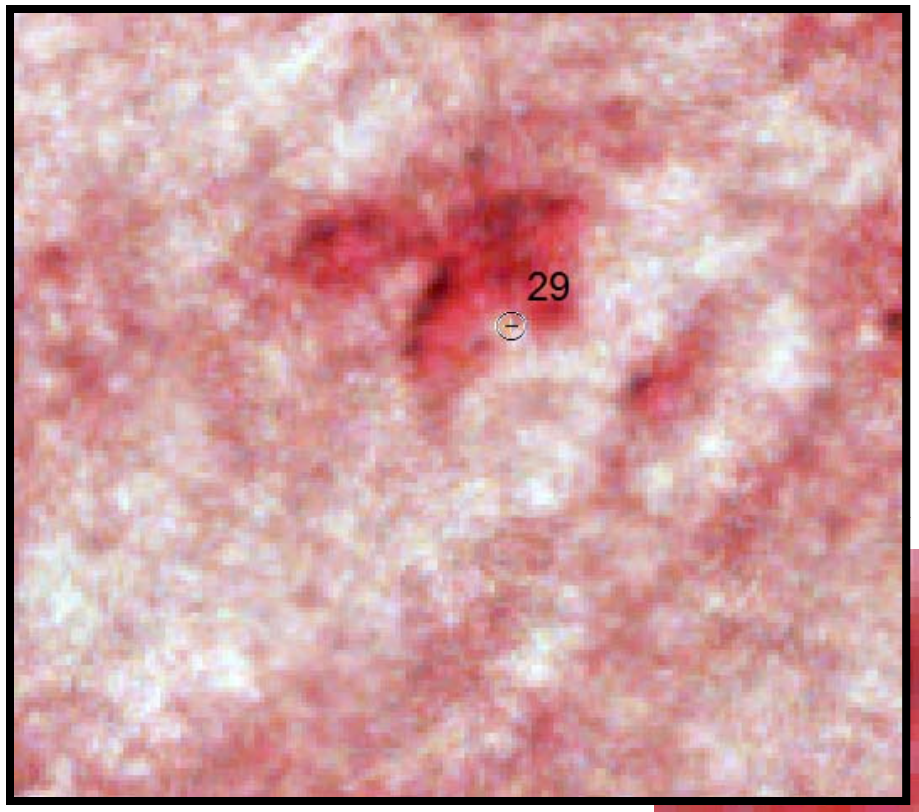


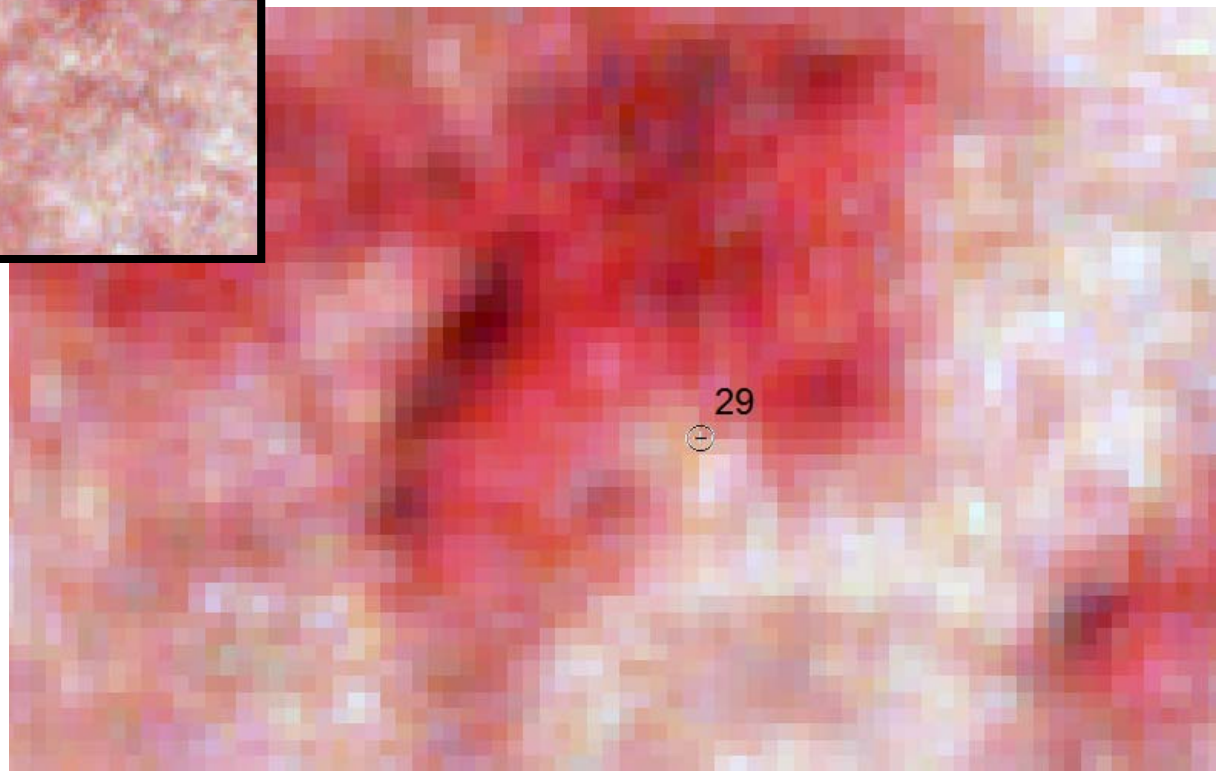
N

Cell size ~ 1.75 meters

GCP_28

SKK-29



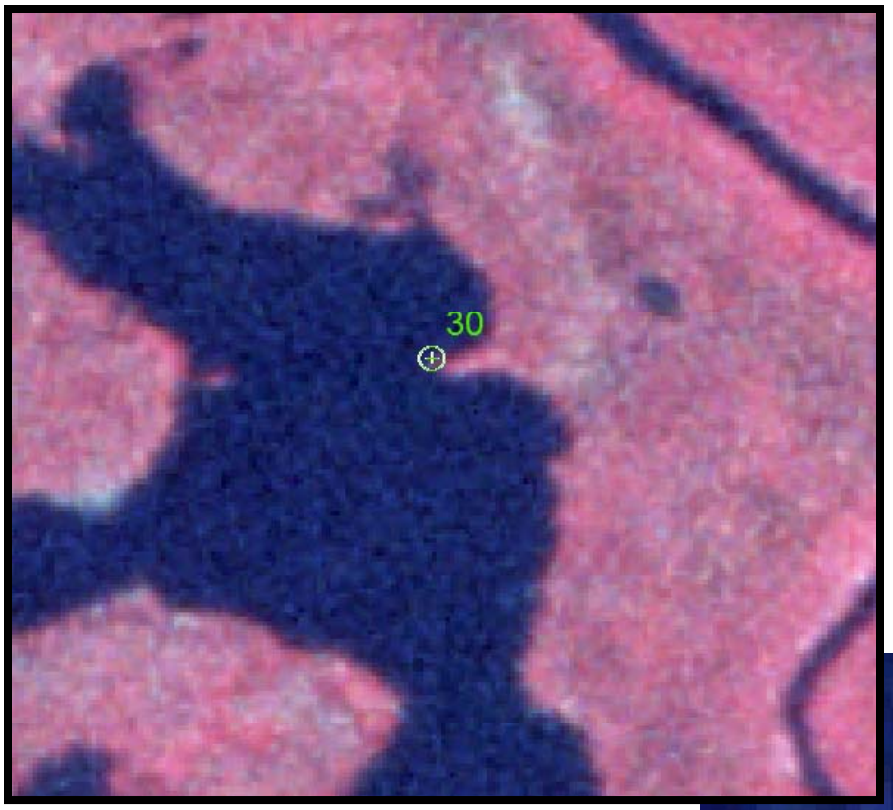


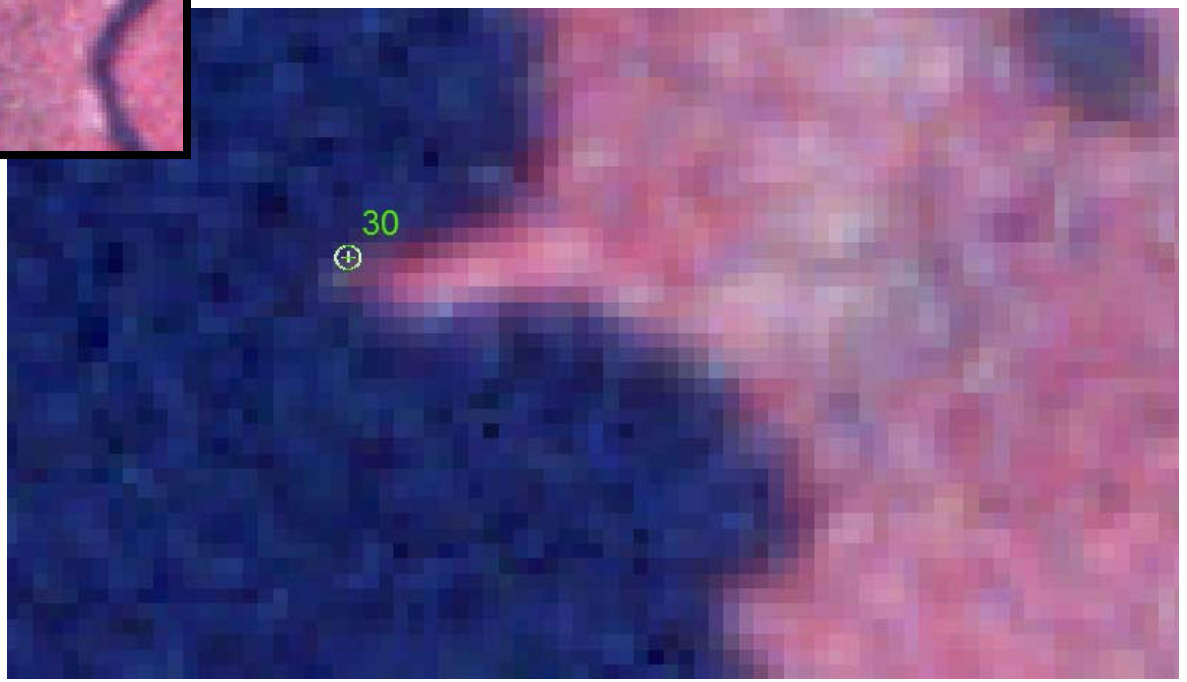
N

Cell size ~ 1.75 meters

GCP_29

SKK-30



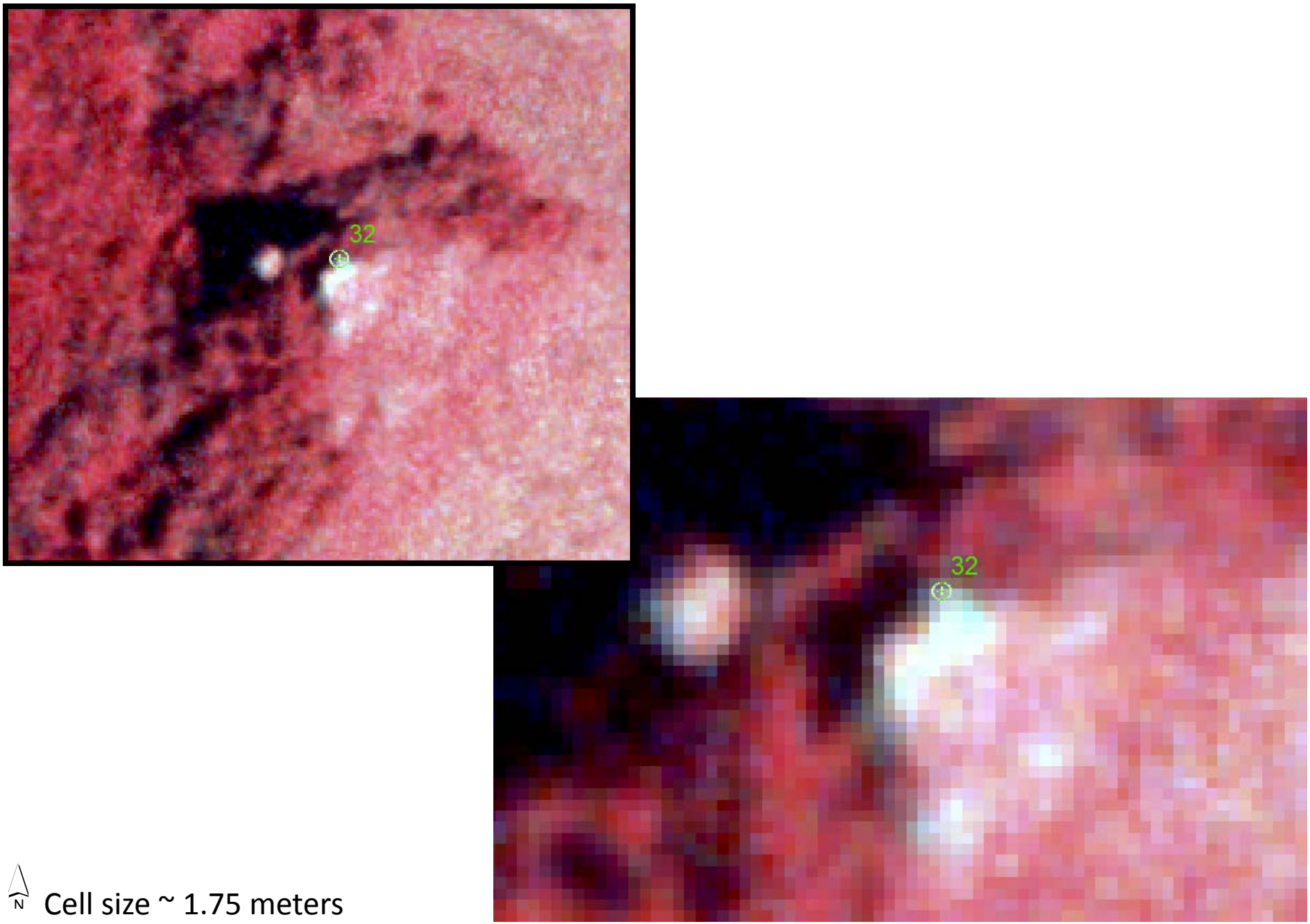


N

Cell size ~ 1.75 meters

GCP_30

SKK-32

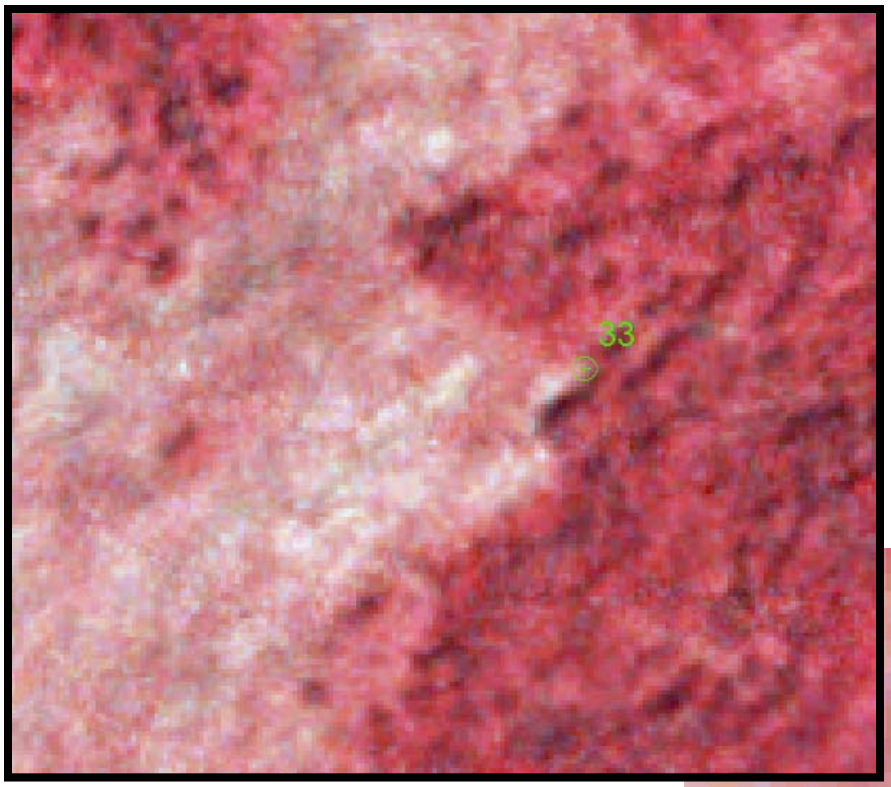


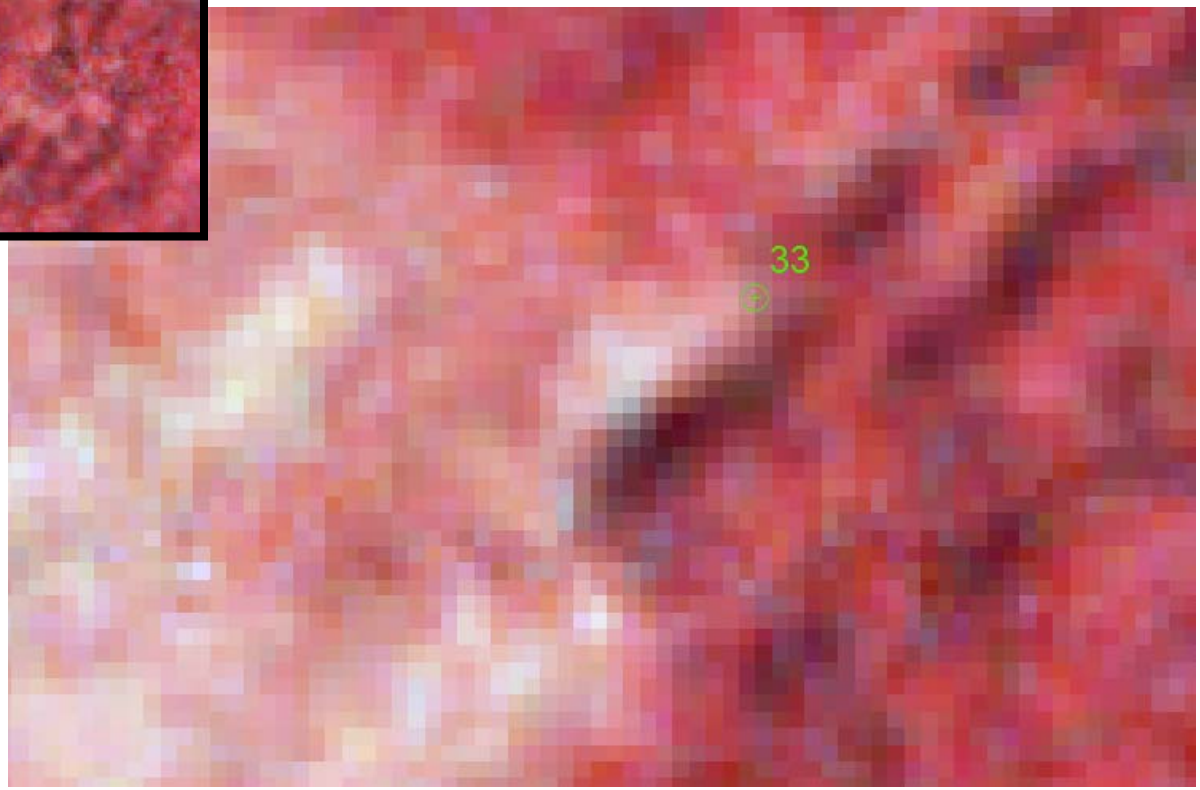
N

Cell size ~ 1.75 meters

GCP_32

SKK-33



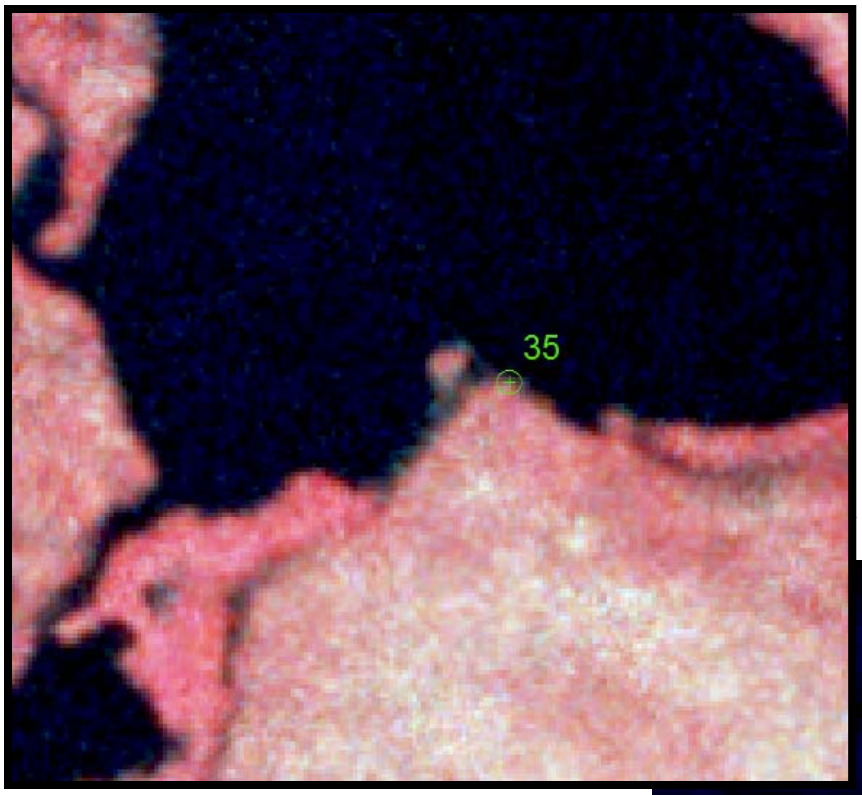


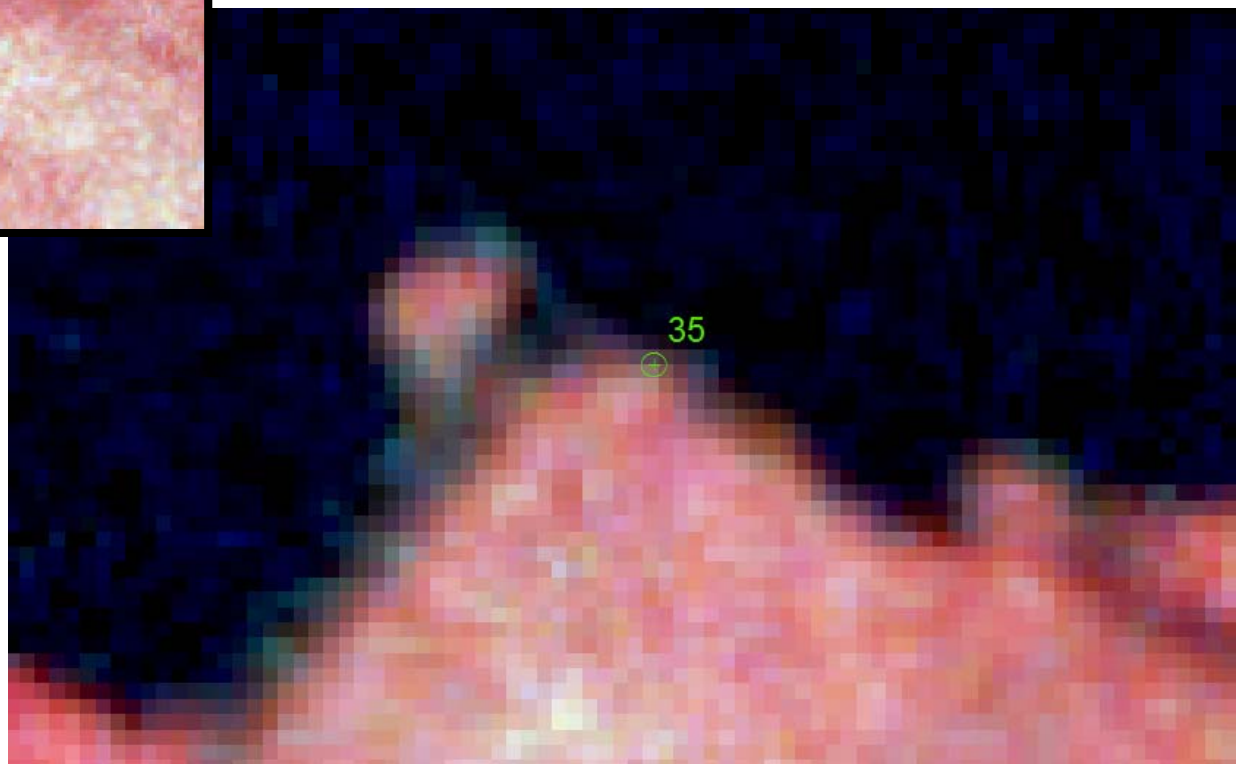
N

Cell size ~ 1.75 meters

GCP_33

SKK-35



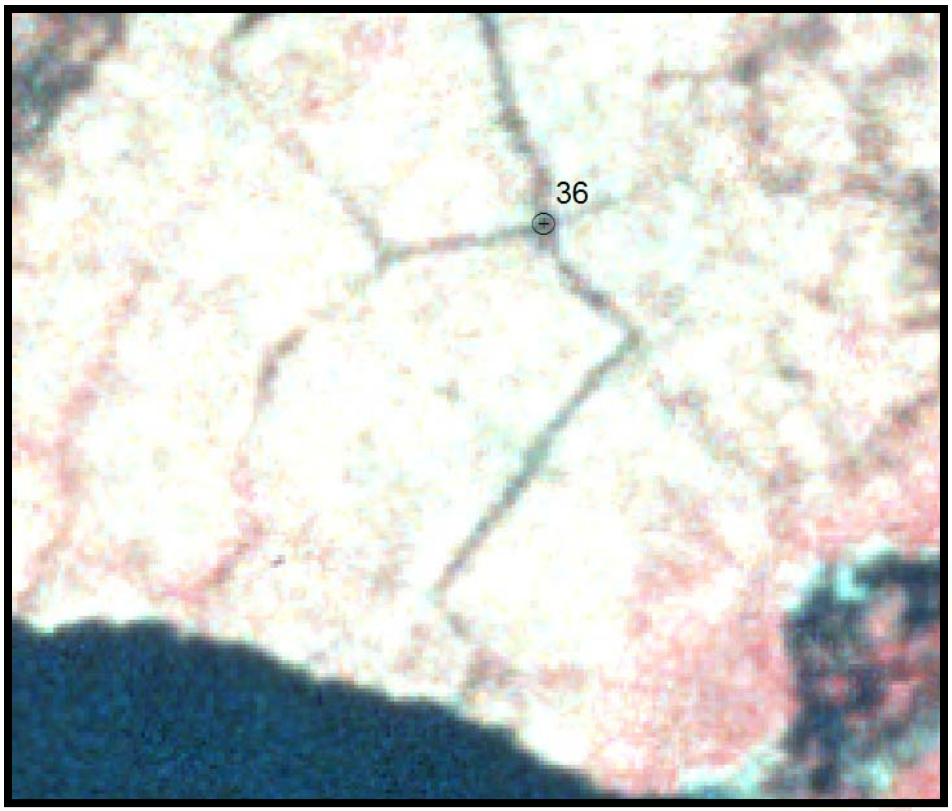


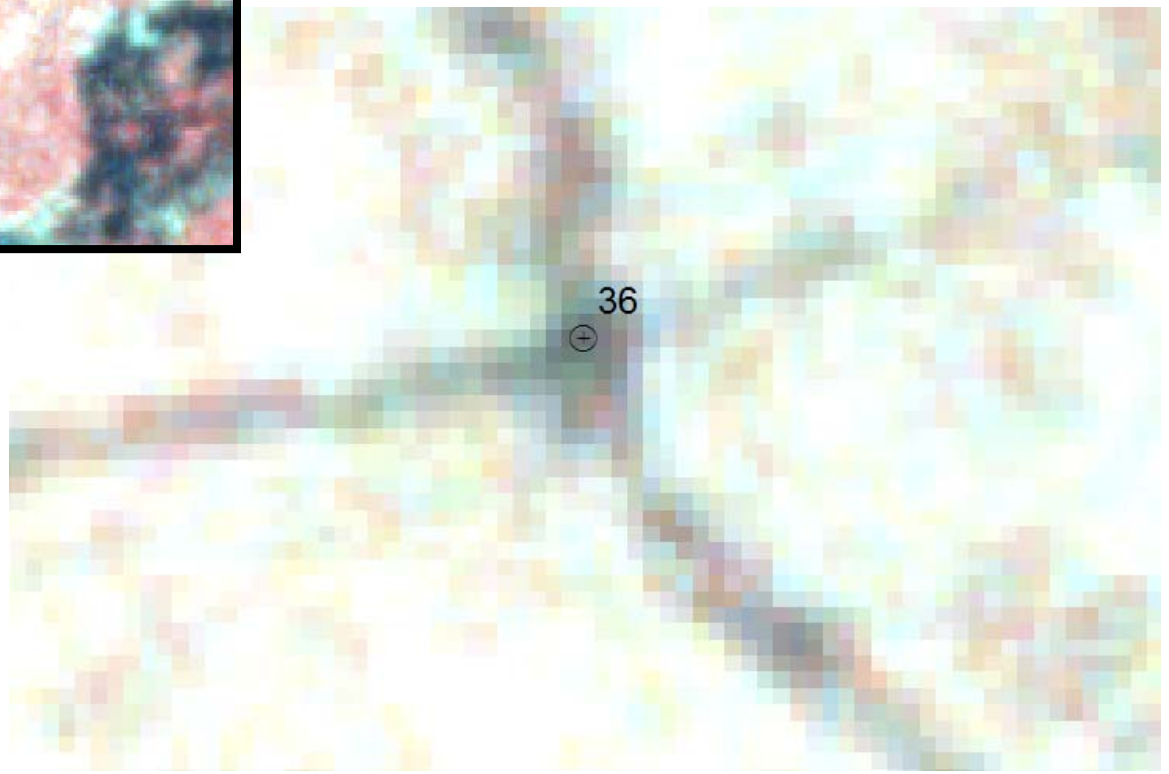
N

Cell size ~ 1.75 meters

GCP_35

SKK-36

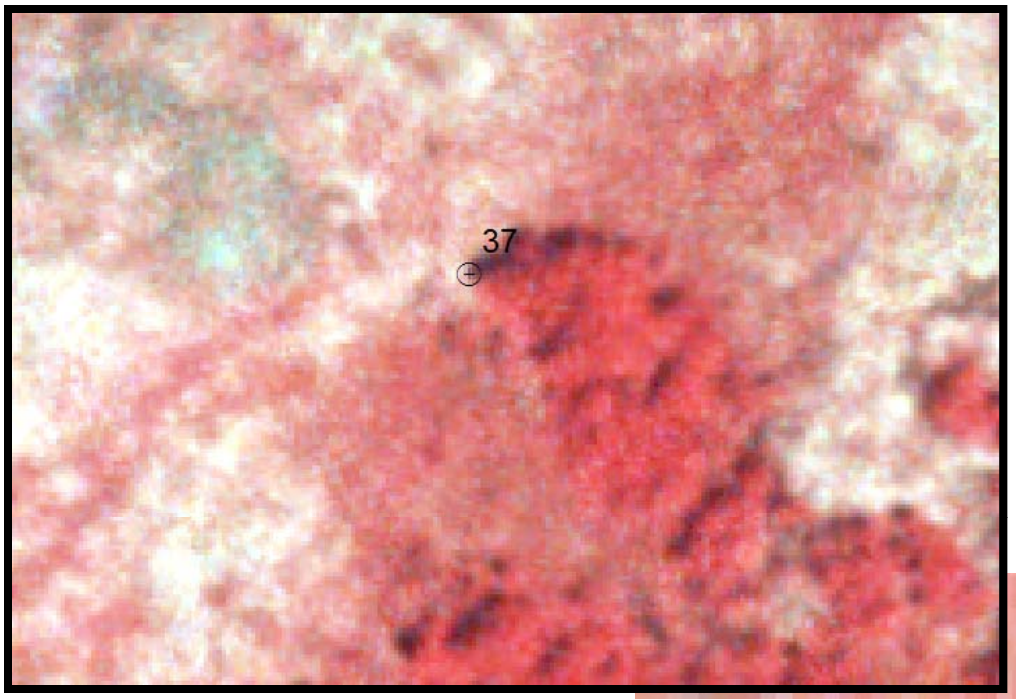


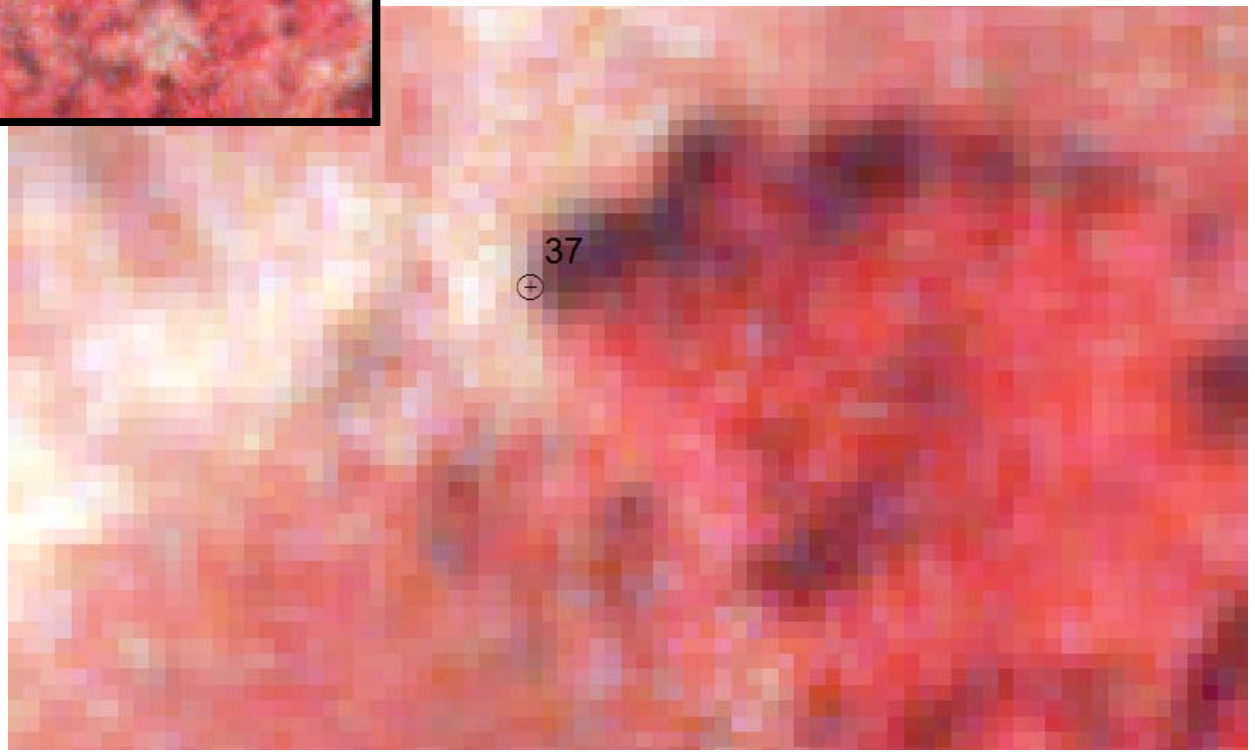


N Cell size ~ 1.75 meters

GCP_36

SKK-37



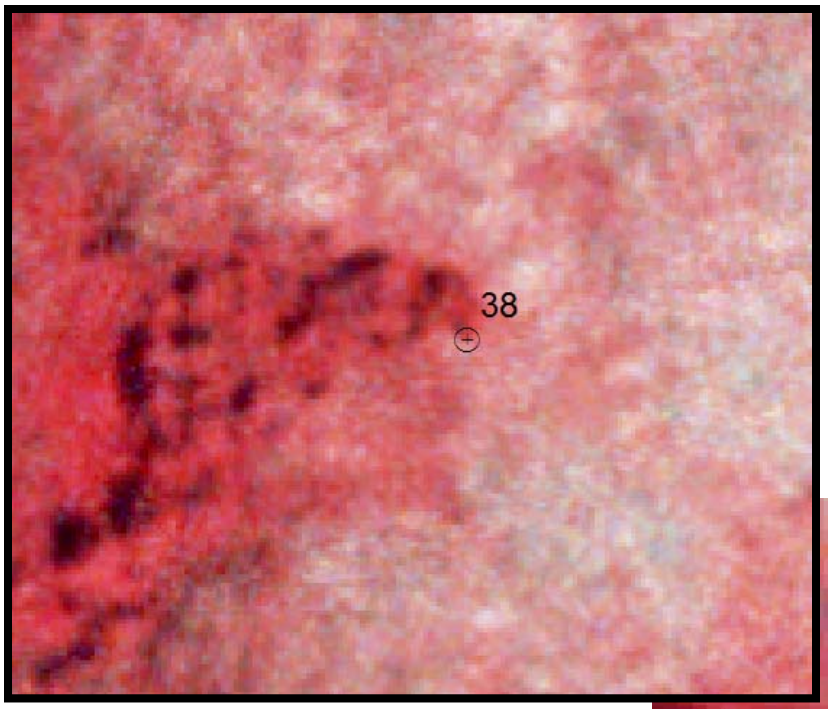


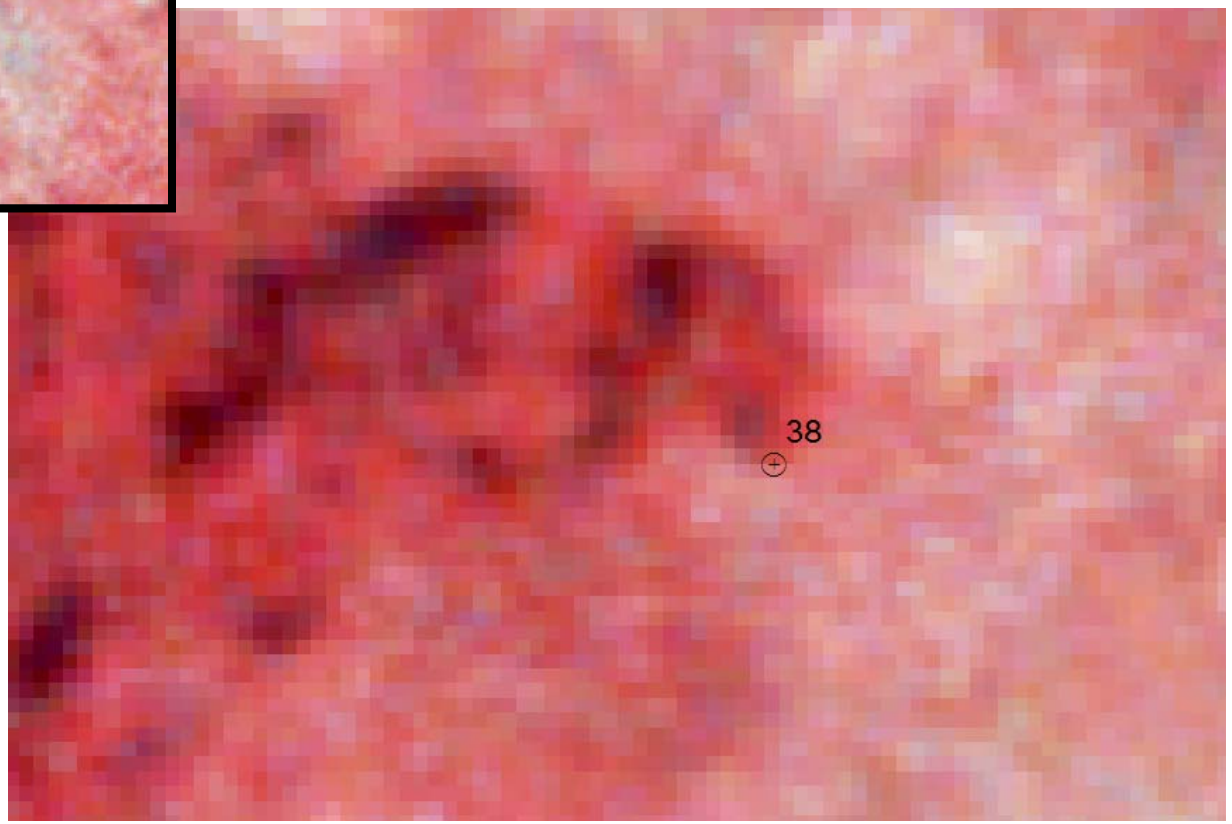
N

Cell size ~ 1.75 meters

GCP_37

SKK-38



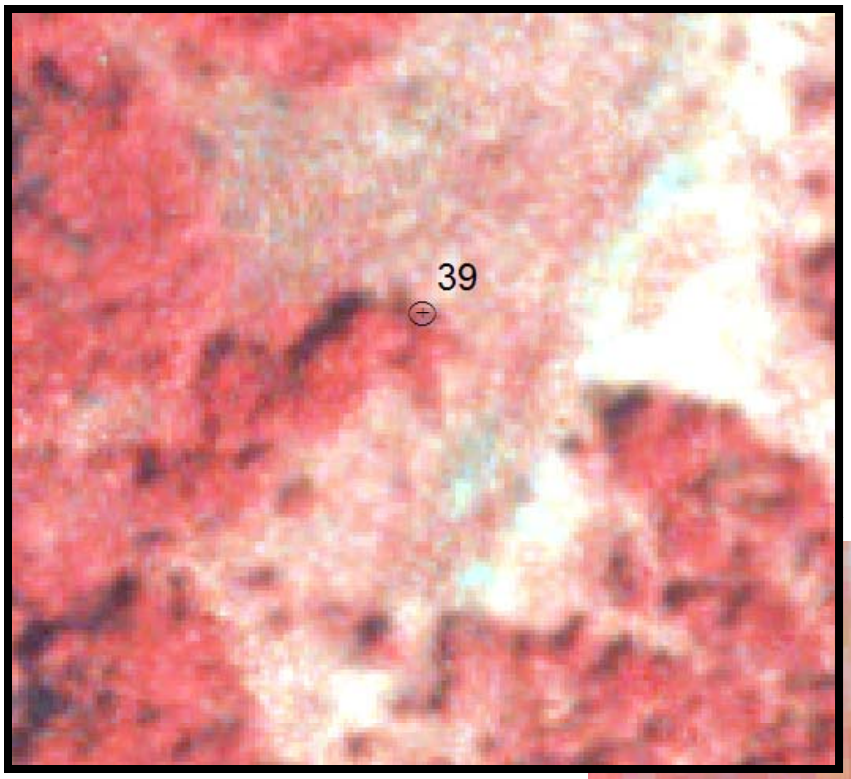


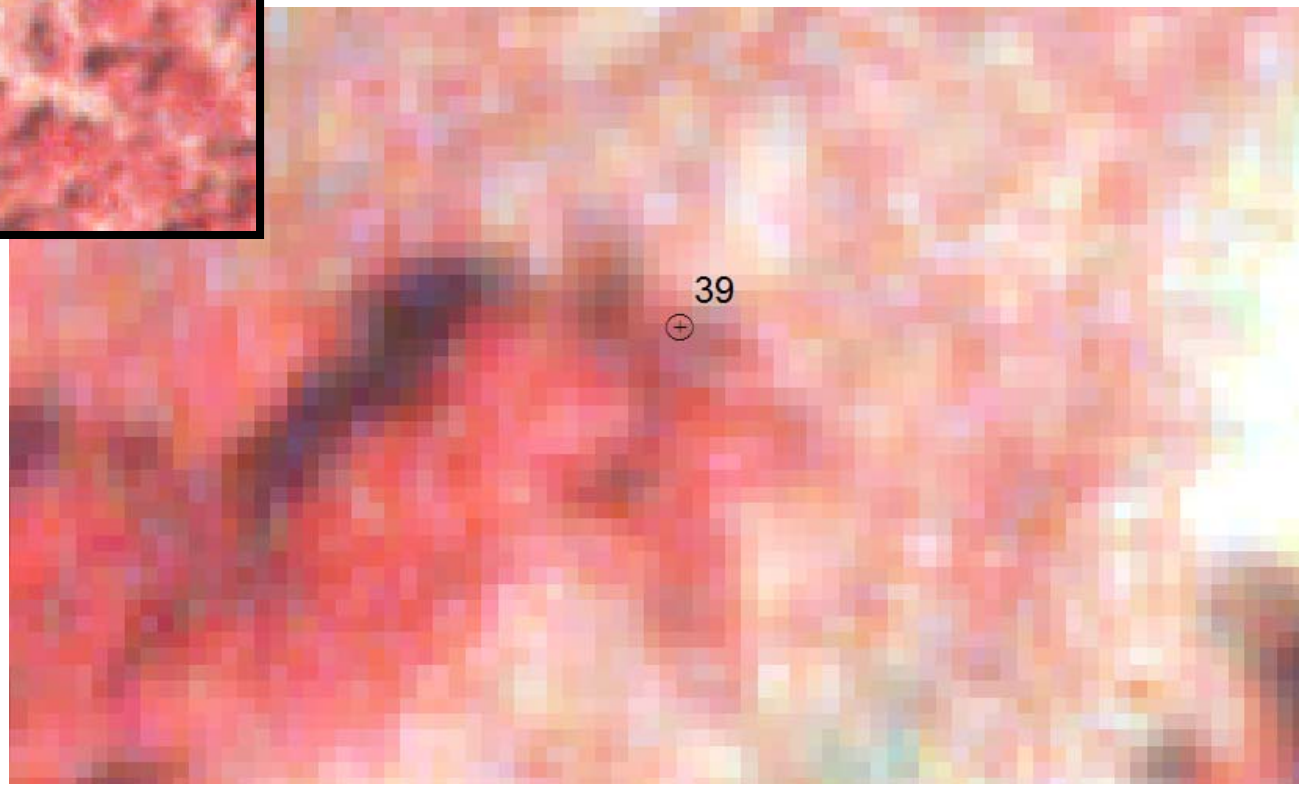
N

Cell size ~ 1.75 meters

GCP_38

SKK-39





N

Cell size ~ 1.75 meters

GCP_39