Friday, May 31, 2013

Drill Log: NSD-011

Easting:	538521.89	**Length:**	1438	**Project:**	Gunnison	**Drill Started:**	1/11/2011
Northing:	393881.71	**Azimuth:**	0	**Location:**	North Star	**Drill Completed:**	1/17/2011
Datum/Zone:	AZSP_EZ_NAD27	**Dip:**	-90	**Claim Owner:**	Connie Johnson	**Core Size (ft):**	HQ(55.22),UNKNOWN(44.78)
Survey Method:	DGPS	**Elevation:**	4834.35			**Contractor:**	Godbe Drilling LLC

GeoLogged By: A. Olson

TechLogged By: K. Sullivan

Comments: Twin MCC-2 (go to 2000 for structure??), PVC Casing depth=1438. Re-logged by A. Olson, Je. Bickel July 27, 2011

Depth	RQD (50.–100.)	CoreLoss	Frac. Intensity (1-5)	Features	Geology: Value (22.5–45.–67.5)	Fm	Rock	Alt	LithologyDescription	Assay: Sample ID	From	To	CuT % (1.–2.)	CuAS % (1.–2.)	CuCN % (1.–2.)	Mo % (1.–2.)	SG/Magsus: SG	MagSus	Fracture Mapping: N.M.F.C (9.–18.)	N.M.F.O. (25.–50.)	N.O.F.C. (9.5–19.)	N.O.F.O. (35.–70.)
5																						
10																						
15																						
20																						
25																						
30																						
35						Qam	Qal		30-60% mixed lithics													
40																						
45																						
50																						
55																						
60																						
65																						
70																						

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80																						
85																						
90																						
95																						
100																						
105																						
110						Qam	Qal		30-60% mixed lithics													
115																						
120																						
125																						
130																						
135																						
140																						
145																						

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155																						
160																						
165																						
170																						
175																						
180																						
185																						
						Qam	Qal		30-60% mixed lithics													
190																						
195																						
200																						
205																						
210																						
215																						
220																						

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						Qam	Qal		30-60% mixed lithics													
230																						
235																						
240																						
245																						
250																						
255																						
260																						
265						Qam	Qal		10-20% mixed lithics													
270																						
275																						
280																						
285																						
290																						
295																						
						Qag	Qal															

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305																						
310																						
315																						
320																						
325																						
330																						
335						Qag	Qal															
340																						
345																						
350																						
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360																						
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370																						

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	50. 100.				22.5 45. 67.5								1. 2.	1. 2.	1. 2.	1. 2.			9. 18.	25. 50.	9.5 19.	35. 70.
380																						
385																						
390																						
395																						
400																						
405																						
410						Qag	Qal															
415																						
420																						
425																						
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	50. 100.				22.5 45. 67.5								1. 2.	1. 2.	1. 2.	1. 2.			9. 18.	25. 50.	9.5 19.	35. 70.
455						Qag	Qal															
460																						
465																						
470																						
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490																						
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	50. 100.				22.5 45. 67.5								1. 2.	1. 2.	1. 2.	1. 2.			9. 18.	25. 50.	9.5 19.	35. 70.
530																						
535																						
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545																						
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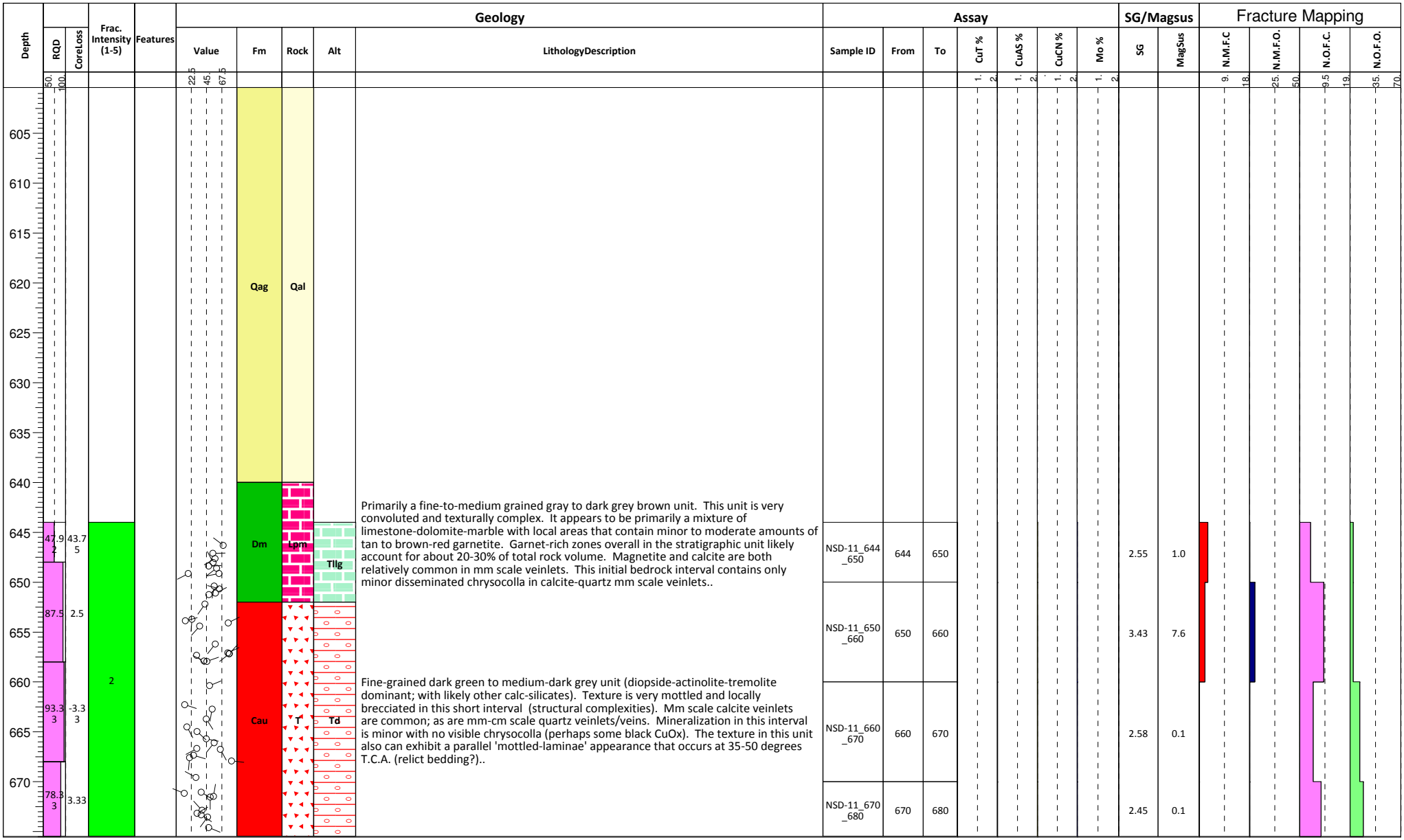

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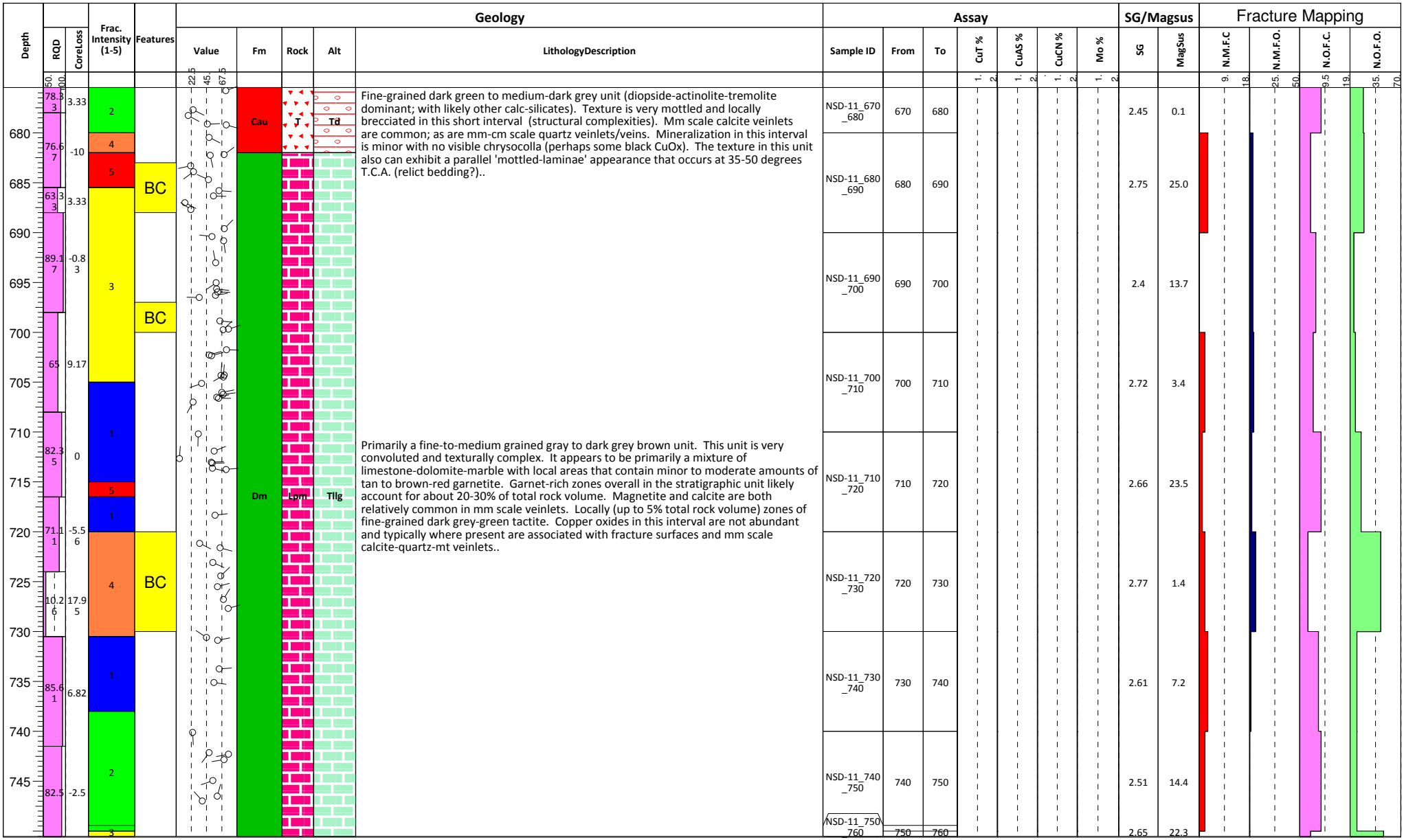

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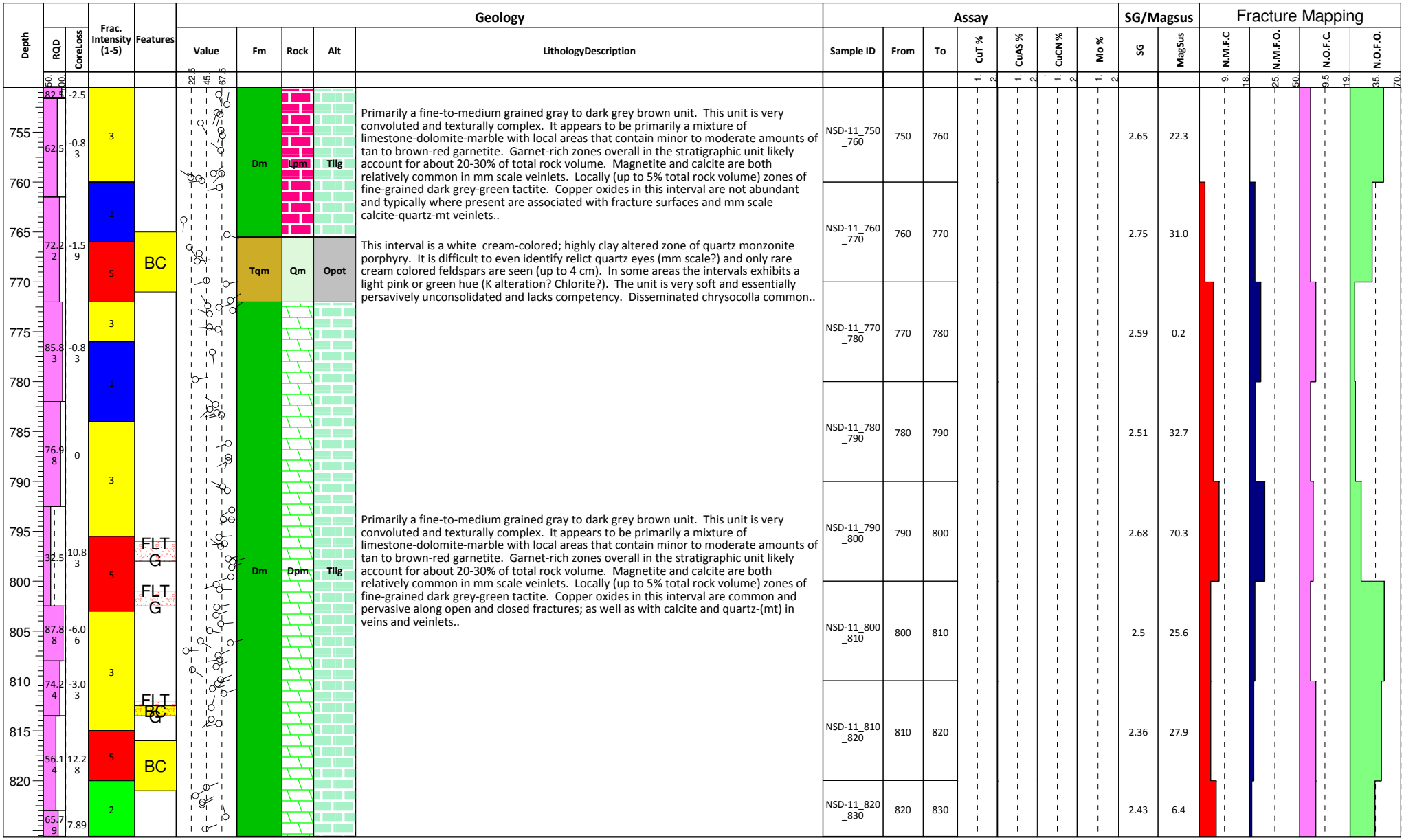

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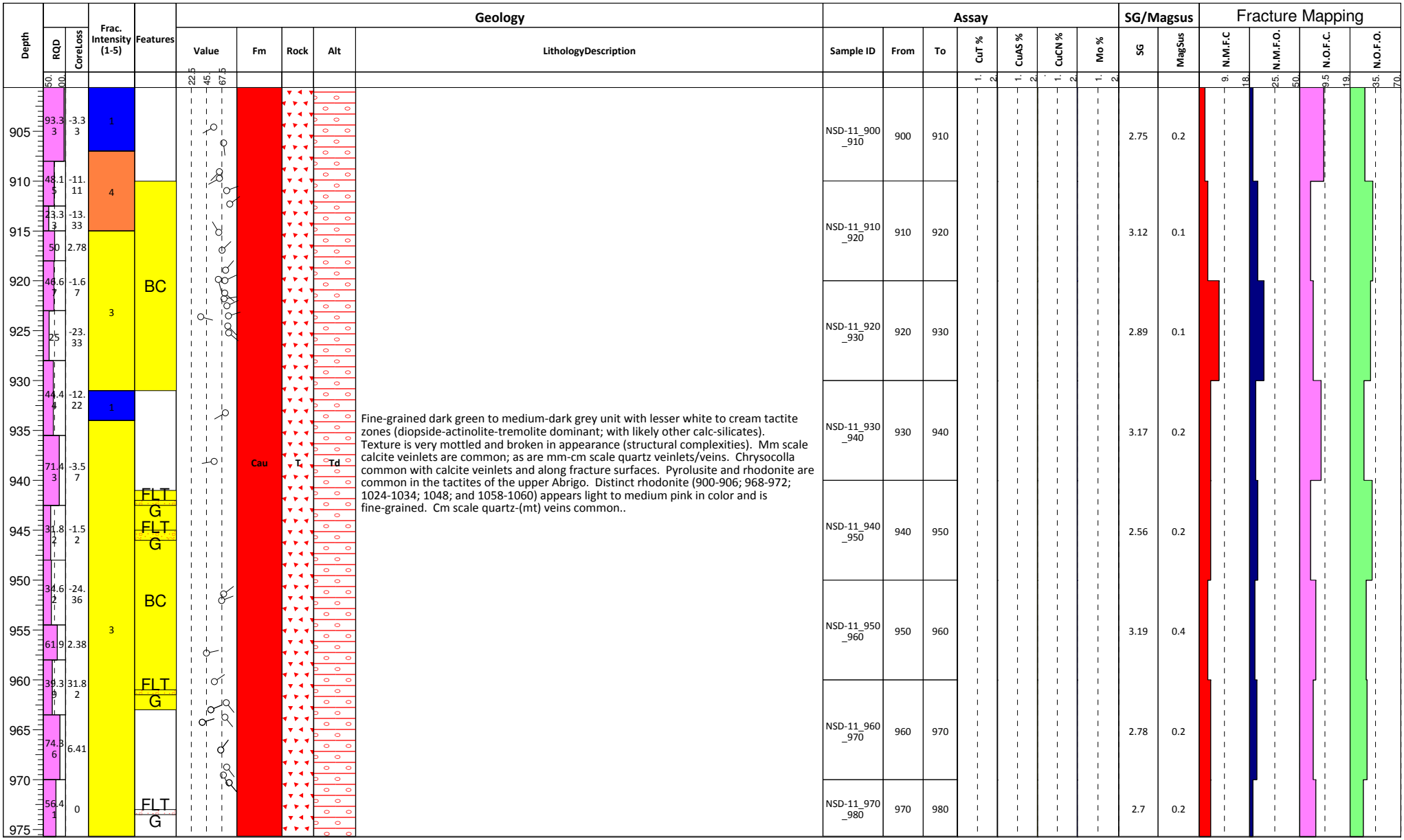

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Depth	RQD	CoreLoss	Frac. Intensity (1-5)	Features	Geology: Value	Fm	Rock	Alt	LithologyDescription
980	56.41	0	3			Cau	T	Td	Fine-grained dark green to medium-dark grey unit with lesser white to cream tactite zones (diopside-actinolite-tremolite dominant; with likely other calc-silicates). Texture is very mottled and broken in appearance (structural complexities). Mm scale calcite veinlets are common; as are mm-cm scale quartz veinlets/veins. Chrysocolla common with calcite veinlets and along fracture surfaces. Pyrolusite and rhodonite are common in the tactites of the upper Abrigo. Distinct rhodonite (900-906; 968-972; 1024-1034; 1048; and 1058-1060) appears light to medium pink in color and is fine-grained. Cm scale quartz-(mt) veins common..
	51.28	-21.79							
985	68.33	-6.67							
990	55	23.33							
995	60.61	0							
1000	105.26	-8.77	2						
1005									
1010	81.67	2.5							
1015									
1020	88.33	-1.67							
1025									
1030	100	-4.17							
1035									
1040	56.67	-3.33							
1045	96.49	-10.53							
1050									

Assay: Sample ID	From	To	CuT %	CuAS %	CuCN %	Mo %	SG/Magsus: SG	MagSus
NSD-11_970_980	970	980					2.7	0.2
NSD-11_980_990	980	990					2.83	0.2
NSD-11_990_1000	990	1000					2.77	0.3
NSD-11_1000_1010	1000	1010					2.84	18.3
NSD-11_1010_1020	1010	1020					2.71	0.7
NSD-11_1020_1030	1020	1030					3.09	0.1
NSD-11_1030_1040	1030	1040					3	0.1
NSD-11_1040_1050	1040	1050					3.08	0.1
NSD-11_1050_1060	1050	1060					2.8	0.3

Fracture Mapping: N.M.F.C (9.–18.), N.M.F.O. (25.–50.), N.O.F.C. (9.5–19.), N.O.F.O. (35.–70.)

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Datum/Zone:	AZSP_EZ_NAD27	**Dip:**	-90	**Claim Owner:**	Connie Johnson	**Core Size (ft):**	HQ(55.22),UNKNOWN(44.78)	**TechLogged By:**	K. Sullivan
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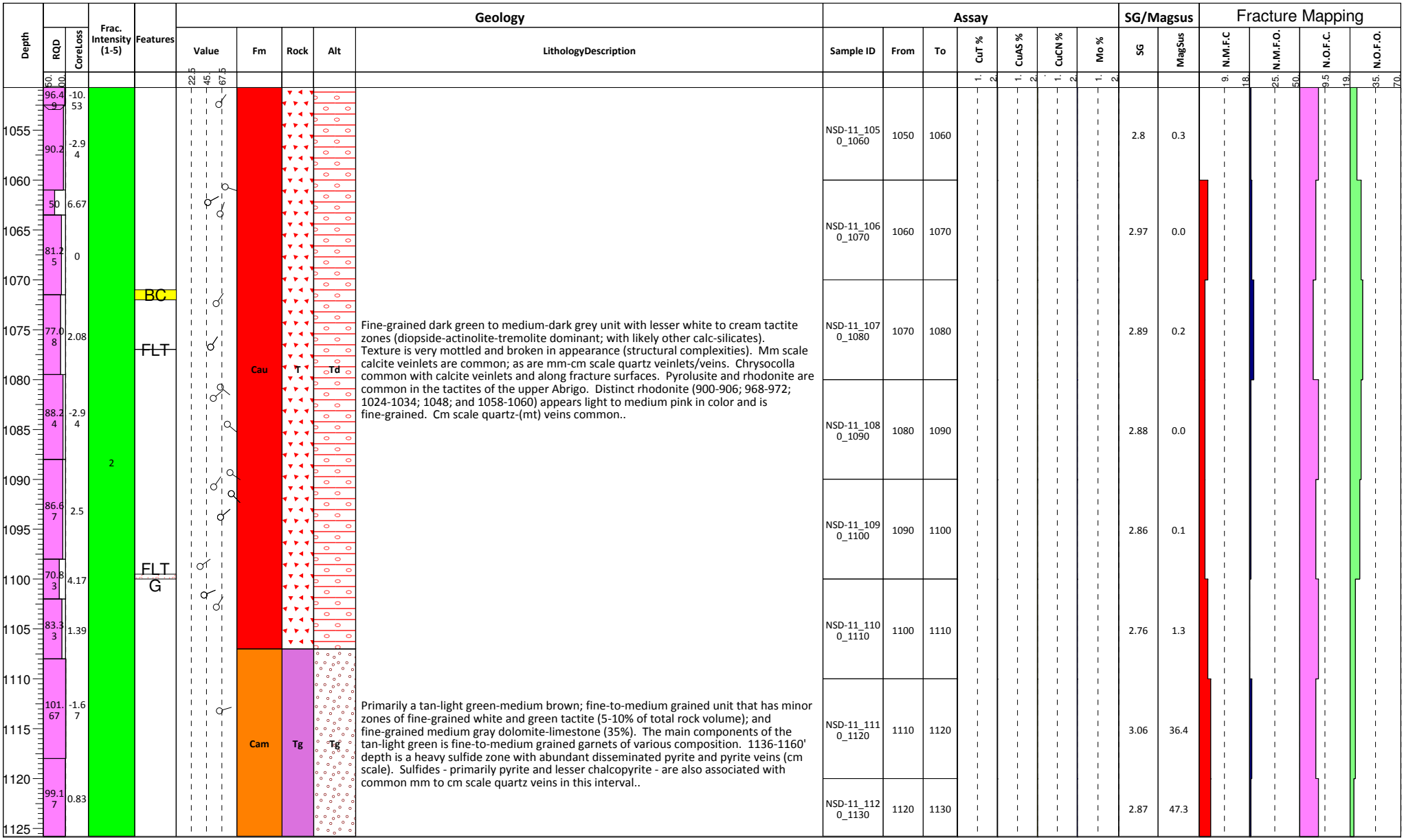

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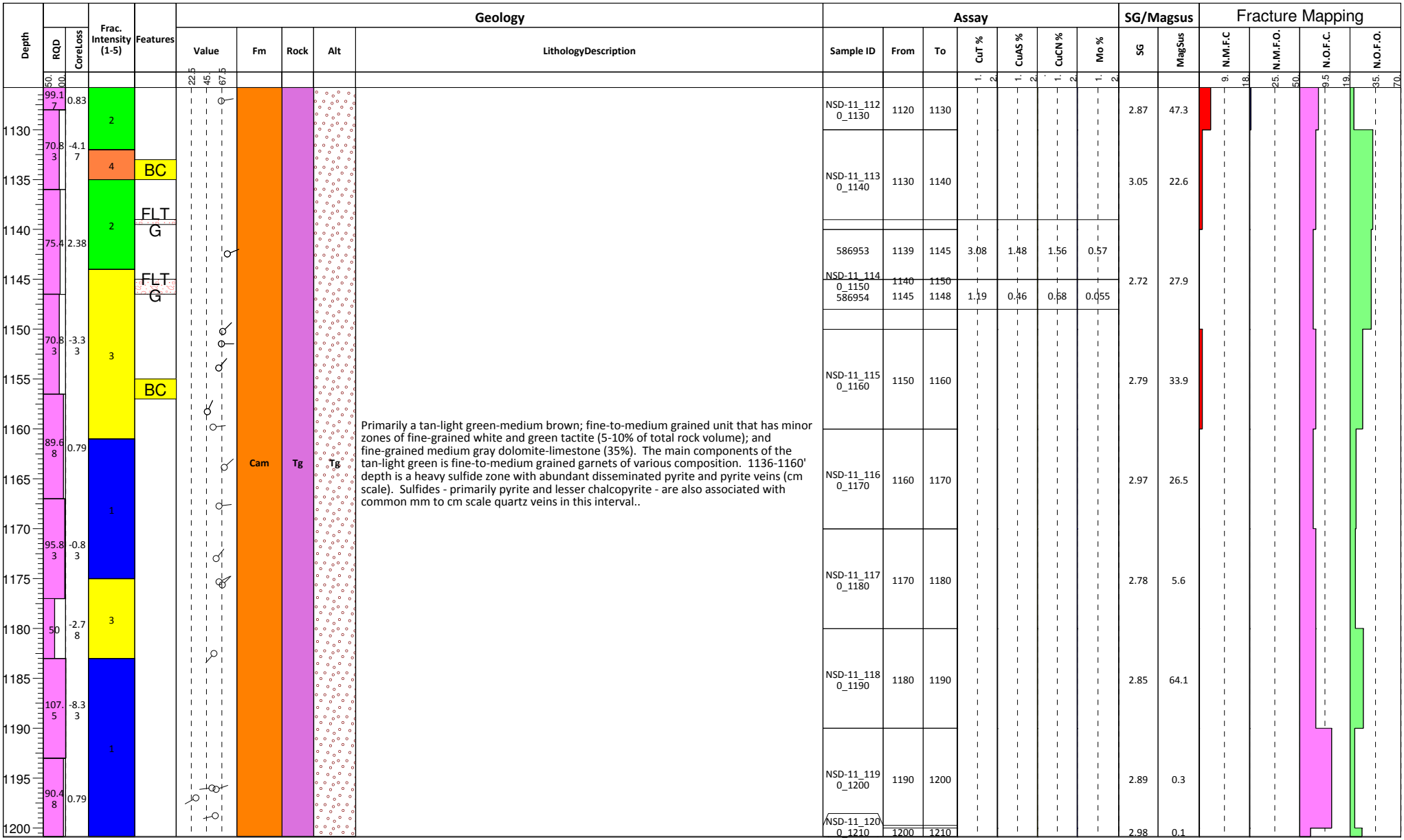

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Datum/Zone:	AZSP_EZ_NAD27	**Dip:**	-90	**Claim Owner:**	Connie Johnson	**Core Size (ft):**	HQ(55.22),UNKNOWN(44.78)
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1205	90.48	0.79	1						
1210	67.5	-1.67	2	FLT G, FLT G					
1215									
1220	87.3	3.17	1						
1225									
1230	104.17	-5							
1235									Primarily a tan-light green-medium brown; fine-to-medium grained unit that has minor zones of fine-grained white and green tactite (5-10% of total rock volume); and fine-grained medium gray dolomite-limestone (35%). The main components of the tan-light green is fine-to-medium grained garnets of various composition. 1136-1160' depth is a heavy sulfide zone with abundant disseminated pyrite and pyrite veins (cm scale). Sulfides - primarily pyrite and lesser chalcopyrite - are also associated with common mm to cm scale quartz veins in this interval..
1240	83.33	0	3			Cam	Tg	Tg	
1245	91.67	0							
1250									
1255	102.5	-2.5							
1260			1						
1265	88.33	1.67							
1270									
1275	103.33	-3.33							

Assay: Sample ID	From	To	CuT %	CuAS %	CuCN %	Mo %	SG	MagSus
NSD-11_1200_1210	1200	1210					2.98	0.1
NSD-11_1210_1220	1210	1220					2.41	0.3
NSD-11_1220_1230	1220	1230					2.98	0.3
NSD-11_1230_1240	1230	1240					2.86	0.8
NSD-11_1240_1250	1240	1250					2.99	0.1
NSD-11_1250_1260	1250	1260					2.91	0.1
NSD-11_1260_1270	1260	1270					2.74	0.1
NSD-11_1270_1280	1270	1280					3.46	0.1

Fracture Mapping: N.M.F.C, N.M.F.O., N.O.F.C., N.O.F.O.

Friday, May 31, 2013

Drill Log: NSD-011

Easting:	538521.89	**Length:**	1438	**Project:**	Gunnison	**Drill Started:**	1/11/2011
Northing:	393881.71	**Azimuth:**	0	**Location:**	North Star	**Drill Completed:**	1/17/2011
Datum/Zone:	AZSP_EZ_NAD27	**Dip:**	-90	**Claim Owner:**	Connie Johnson	**Core Size (ft):**	HQ(55.22),UNKNOWN(44.78)
Survey Method:	DGPS	**Elevation:**	4834.35			**Contractor:**	Godbe Drilling LLC

GeoLogged By: A. Olson

TechLogged By: K. Sullivan

Comments: Twin MCC-2 (go to 2000 for structure??), PVC Casing depth=1438. Re-logged by A. Olson, Je. Bickel July 27, 2011

Depth	RQD	CoreLoss	Frac. Intensity (1-5)	Features	Geology: Value	Fm	Rock	Alt	LithologyDescription
1280	103.33	-3.33							
1285	100	0							
1290	100	0							
1295									
1300	92.5	0.83							
1305									
1310	94.17	-0.83	1			Cam	Tg	Tg	Primarily a tan-light green-medium brown; fine-to-medium grained unit that has minor zones of fine-grained white and green tactite (5-10% of total rock volume); and fine-grained medium gray dolomite-limestone (35%). The main components of the tan-light green is fine-to-medium grained garnets of various composition. 1136-1160' depth is a heavy sulfide zone with abundant disseminated pyrite and pyrite veins (cm scale). Sulfides - primarily pyrite and lesser chalcopyrite - are also associated with common mm to cm scale quartz veins in this interval..
1315									
1320	80	1.67							
1325									
1330	95	-2.5							
1335									
1340	95.83	-1.67							
1345									
1350	97.5	-4.17							

Assay: Sample ID	From	To	CuT %	CuAS %	CuCN %	Mo %	SG	MagSus	Fracture Mapping: N.M.F.C	N.M.F.O.	N.O.F.C.	N.O.F.O.
NSD-11_1270_1280	1270	1280					3.46	0.1				
NSD-11_1280_1290	1280	1290					3.18	0.1				
NSD-11_1290_1300	1290	1300					3.43	0.5				
NSD-11_1300_1310	1300	1310					3.42	0.6				
NSD-11_1310_1320	1310	1320					3.26	0.7				
NSD-11_1320_1330	1320	1330					3.61	0.7				
NSD-11_1330_1340	1330	1340					3.66	0.7				
NSD-11_1340_1350	1340	1350					3.31	0.3				
NSD-11_1350_1360	1350	1360					3.31	0.8				

Friday, May 31, 2013

Drill Log: NSD-011

Easting:	538521.89	**Length:**	1438	**Project:**	Gunnison	**Drill Started:**	1/11/2011
Northing:	393881.71	**Azimuth:**	0	**Location:**	North Star	**Drill Completed:**	1/17/2011
Datum/Zone:	AZSP_EZ_NAD27	**Dip:**	-90	**Claim Owner:**	Connie Johnson	**Core Size (ft):**	HQ(55.22),UNKNOWN(44.78)
Survey Method:	DGPS	**Elevation:**	4834.35			**Contractor:**	Godbe Drilling LLC

GeoLogged By: A. Olson

TechLogged By: K. Sullivan

Comments: Twin MCC-2 (go to 2000 for structure??), PVC Casing depth=1438. Re-logged by A. Olson, Je. Bickel July 27, 2011

Geology

Depth	RQD	CoreLoss	Frac. Intensity (1-5)	Features	Value	Fm	Rock	Alt	LithologyDescription
1355	97.5	-4.17	1						
1360	97.5	0.83				Cam	Tg	Tg	Primarily a tan-light green-medium brown; fine-to-medium grained unit that has minor zones of fine-grained white and green tactite (5-10% of total rock volume); and fine-grained medium gray dolomite-limestone (35%). The main components of the tan-light green is fine-to-medium grained garnets of various composition. 1136-1160' depth is a heavy sulfide zone with abundant disseminated pyrite and pyrite veins (cm scale). Sulfides - primarily pyrite and lesser chalcopyrite - are also associated with common mm to cm scale quartz veins in this interval..
1365									
1370	90	1.67							
1375									
1380	82.5	0.83	2						
1385									
1390	94.17	-0.83							
1395									
1400	91.67	3.33				Cal	H	Htl	Fine-grained dark brown to greenish unit. Banding on the cm scale is not pervasive and is a texture that occupies roughly 50% of this interval. The other 50% is occupied by a medium green to pistachio green color (green garnet?). This could potentially represent the lower part of the middle Abrigo mixing with the top of the lower Abrigo. Quartz veins and veinlets (mm to cm) are also common; which occassionally contain minor amounts of magnetite..
1405									
1410	98.33	-1.67							
1415			1						
1420	94.17	0							
1425									

Assay / SG/Magsus

Sample ID	From	To	CuT %	CuAS %	CuCN %	Mo %	SG	MagSus
NSD-11_1350_1360	1350	1360					3.31	0.8
NSD-11_1360_1370	1360	1370					2.74	1.6
NSD-11_1370_1380	1370	1380					2.72	0.7
NSD-11_1380_1390	1380	1390					2.82	0.0
NSD-11_1390_1400	1390	1400					2.81	0.1
NSD-11_1400_1410	1400	1410					2.57	0.3
NSD-11_1410_1420	1410	1420					3.18	0.4
NSD-11_1420_1430	1420	1430					3.01	0.3

Fracture Mapping

N.M.F.C, N.M.F.O., N.O.F.C., N.O.F.O.

Friday, May 31, 2013

Drill Log: NSD-011

Easting:	538521.89	**Length:**	1438	**Project:**	Gunnison	**Drill Started:**	1/11/2011
Northing:	393881.71	**Azimuth:**	0	**Location:**	North Star	**Drill Completed:**	1/17/2011
Datum/Zone:	AZSP_EZ_NAD27	**Dip:**	-90	**Claim Owner:**	Connie Johnson	**Core Size (ft):**	HQ(55.22),UNKNOWN(44.78)
Survey Method:	DGPS	**Elevation:**	4834.35			**Contractor:**	Godbe Drilling LLC

GeoLogged By: A. Olson

TechLogged By: K. Sullivan

Comments: Twin MCC-2 (go to 2000 for structure??), PVC Casing depth=1438. Re-logged by A. Olson, Je. Bickel July 27, 2011

Depth	RQD	CoreLoss	Frac. Intensity (1-5)	Features	Geology: Value	Fm	Rock	Alt	LithologyDescription
1430–1435	94.17	0	1			Cal	H	Htl	Fine-grained dark brown to greenish unit. Banding on the cm scale is not pervasive and is a texture that occupies roughly 50% of this interval. The other 50% is occupied by a medium green to pistachio green color (green garnet?). This could potentially represent the lower part of the middle Abrigo mixing with the top of the lower Abrigo. Quartz veins and veinlets (mm to cm) are also common; which occassionally contain minor amounts of magnetite..
1430–1435	88.33	-2.5	3						

Sample ID	From	To	CuT %	CuAS %	CuCN %	Mo %	SG	MagSus
NSD-11_1420_1430	1420	1430					3.01	0.3
NSD-11_1430_1438	1430	1438					3.3	0.3

Fracture Mapping: N.M.F.C, N.M.F.O., N.O.F.C., N.O.F.O.