

019152

Aug. 19/80

Bob:

Here are the Vangorda and Grum 1:1000 scale line maps that I promised you. Since these are originals as received from North-West, could you please return a mylar copy for our files. Have also enclosed a list of UTM co-ordinates for the Grum surface holes. I believe you already have the Vangorda co-ordinates.

Have also sent you section 68W (two halves) for plotting drafting. When you do these up would you include the symmetry and the S2 attitude. We will require both blue-line and mylar copies of the drafted sections. The underground information will have to be added at some time also.

See you on the 9<sup>th</sup>.

Thanks.  
Daryl.

## GRUM D.D.H. Co-ordinates.

HOLE N <sup>o</sup> .	UTM. N.	U.T.M. E.	Ele.	Depth. (m).
A-1	6904778.4	592022.4	1296.8	
A-2				
A-3				
A-4	6904922.3	592170.2	1286.8	
A-5	6904990.7	592214.3	1293.2	
A-6				
A-7				
A-8	6905349.0	592220.7	1308.9	
A-9	6905103.1	592322.4	1302.3	316.4
A-10	6905029.6	592175.1	1298.9	
A-11	6904901.2	592217.0	<sup>(1282.5)</sup> 1281.4	249.9
A-12	6905198.1	592078.6	1312.7	
A-13	6904776.5	592358.7	1277.1	186.2
A-14	6904874.3	592111.1	1290.2	
A-15	6905493.2	592026.0	<sup>1306.8</sup> 1303.3?	
A-16	6905662.7	591930.5	<sup>1311</sup> 1297.9?	
A-17	6904691.1	592269.0	1273.9	283.2
A-18	6905312.8	591855.9	1309.7	
A-19	6904906.5	592305.3	1284.9	
A-20	6905240.4	592119.0	1311.1	
A-21	6904951.1	592346.0	1291.1	
A-22	6905148.8	592034.9	1311.5	
A-23	6904825.6	592395.7	1277.9	306.0
A-24	6905067.0	592123.8	1303.9	356.3
A-25	6905754.1	592098.8	<sup>1303</sup> 1289.7?	
A-26	6904742.5	592485.3	1277.1	
A-27	6905114.7	592167.2	1303.6	349.6
A-28	6904697.3	592443.2	1274.0	
A-29	6905683.8	591531.6	1306.6	
A-30	6905046.6	592270.1	1303.3	
A-31	6904617.2	592533.0	1267.6	
A-32	6905023.4	592082.3	1304.4	359.2
A-33	6904490.0	592581.3	1262.5	
A-34	6905689.5	591708.8	1304.7	
A-35	6904977.4	592042.6	1303.1	389.8

GRUM D.D.H. Co-ordinates.

HOLE N <sup>o</sup> .	UTM. N.	U.T.M. E.	Ele.	Depth. (m).
A-36				
A-37	6904445.7	592542.0	1255.8	
A-38	6904932.4	592002.4	1301.9	363.3
A-39	6904400.3	592500.2	1251.6	
A-40				
A-41	6904886.4	591963.7	(1304.2) 1308.0 ?	384.0 ?
A-42	6904354.6	592459.4	1254.1	
A-43				
A-44				
A-45	6904869.2	592435.8	1281.6	245.3
A-46	6904274.1	592548.5	1241.9	
A-47				
A-48				
A-49	6904327.9	592762.8	1248.4	
A-50	6904319.1	592589.7	1242.0	
A-51	6905104.4	591993.6	1312.4	
A-52	6904914.4	592478.0	1289.3	261.8
A-53	6905019.2	592243.3	1297.9	
A-54	6904363.9	592630.8	1249.1	
A-55	6904788.2	592525.9	1277.6	
A-56	6904995.8	592385.1	1299.8	
A-57	6905564.6	591758.4	(1315) 1301.8 ?	? 6
A-58	6904832.0	592568.5	1282.6	
A-59	6905231.6	591946.8	1318.7	
A-60	6904862.0	592265.4	1278.8	
A-61	6905274.8	591988.3	1318.3	
A-62	6904868.1	592347.4	1279.8	
A-63	6904525.2	592450.3	1260.7	
A-64	6905777.0	591617.2	1295.2	
A-65	6904948.0	592254.2	1288.7	167.6
A-66	6904785.8	592440.4	1276.9	182.9
A-67	6905118.4	592251.7	1303.3	
A-68	6905076.7	592298.2	1304.1	
A-69	6905159.2	592206.1	1302.2	410.3
A-70	6904909.9	592390.5	1286.1	

GRUM D.D.H. Co-ordinates.

HOLE N <sup>o</sup> .	UTM. N.	U.T.M. E.	Elev.	Depth. (m).
A-71	6904990.3	592300.3	1297.0	177.4
A-72	6905073.4	592215.2	1304.4	
A-73	6905149.4	592364.9	1302.2	
A-74	6904732.8	592313.3	1272.9	323.1
A-75	6905208.0	592328.4	1301.2	
A-76	6905203.8	592247.0	1301.8	407.2
A-77	6904654.3	592402.2	1267.6	
A-78	6905254.9	592375.8	1301.1	
A-79	6905251.8	592283.2	1301.6	419.1
A-80	6905299.8	592418.7	1300.0	
A-81	6904614.5	592443.1	1264.8	
A-82	6905167.6	592295.2	1301.7	
A-83	6904813.0	592224.7	<sup>(1280.3)</sup> 1278.5	
A-84	6904984.3	592128.6	1297.3	
A-85	6905154.8	592120.3	1307.6	
A-86	6905870.7	591697.1	1290.8	
A-87	6905198.1	592078.6	1312.7	
A-88	6905199.0	592161.3	1305.0	337.7
A-89	6905250.3	592201.4	<sup>(1302)</sup> 1304.8	
A-90	6905083.2	592382.9	1302.1	
A-91	6905907.1	591567.8	1289.5	
A-92	6905126.4	592424.0	1300.9	288.6
A-93	6905290.2	592243.9	1302.8	
A-94	6905956.6	591778.4	1299.0	
A-95	6905038.1	592427.7	1302.8	
A-96	6904955.0	592432.5	1293.0	
A-97	6906363.7	591344.4	1305.2	
A-98	6906320.3	591298.9	1305.9	
A-99	6904870.5	592518.2	1285.8	189.6
A-100	6905000.0	592473.4	1298.6	
A-101	6906232.2	591388.7	1304.4	
A-102	6904790.4	592612.2	1279.3	
A-103	6904746.4	592570.1	1277.7	
A-104	6905285.0	592158.7	1309.6	
A-105	6904563.4	592403.9	1263.1	

GRUM D.D.H. Co-ordinates.

HOLE N <sup>o</sup> .	UTM. N.	U.T.M. E.	Ele.	Depth. (m).
A-106	6904954.0	592515.0	1293.0	190.5
A-107	6904700.6	592529.6	1275.9	
A-108	6904484.2	592494.5	1259.4	
A-109	6904915.4	592559.0	1289.5	190.8
A-110	6904570.7	592493.3	1262.8	
A-111	6905191.1	591991.9	1315.6	
A-112	6904875.7	592609.4	1287.2	
A-113	6905236.3	592032.5	1315.9	
A-114	6904469.8	592423.4	1259.2	
A-115	6905145.2	591949.7	1316.2	
A-116	6904961.0	592599.2	1294.0	181.7
A-117	6904734.3	592401.2	1275.8	214.3
A-118	6905277.1	592074.0	1314.7	
A-119	6904659.6	592573.5	1273.6	
A-120	6905319.9	592111.5	<sup>(1306.5)</sup> 1314.1	
A-121	6904829.6	592478.0	1282.5	263.0
A-122	6904655.0	592486.6	1270.2	
A-123	6905319.3	592029.7	1317.9	
A-124	6905364.6	592153.1	<sup>(1312.8)</sup> 1317.4	
A-125	6905363.6	592070.8	1316.9	
A-126	6905185.5	591905.8	1319.9	
A-127	6905406.1	592108.5	1316.2	
A-128	6905179.0	591898.9	1320.4	
A-129	6904835.1	592652.4	1283.2	
A-130	6904749.1	592655.9	1276.8	
A-131	6904704.6	592614.7	1276.4	
A-132	6905018.9	592407.1	1302.6	
A-133	6904980.2	592455.5	1296.8	
A-134	6904935.0	592493.9	1290.6	196.3
A-135	6904892.7	592539.3	1287.1	175.9
A-136	6904854.8	592587.2	1284.7	
A-137	6904898.9	592628.0	1289.6	
A-138	6905022.8	592492.6	1301.4	
A-139	6904938.2	592578.8	1292.3	150.6
A-140	6905426.3	592283.6	1306.7	

GRUM D.D.H. Co-ordinates.

HOLE N <sup>o</sup> .	UTM. N.	U.T.M. E.	Ele.	Depth. (m).
A-141	6905103.4	592402.7	1301.7	93.3
A-142	6904802.5	592375.2	1277.5	267.9
A-143	6904977.1	592534.5	1295.7	168.2
A-144	6905504.6	592193.8	1312.5	
A-145	6904754.2	592331.0	1275.4	86.1
A-146	6905583.5	592100.4	1313.2	
A-147	6904848.1	592416.6	1278.2	184.4
A-148	6905673.8	592181.9	1312.2	
A-149	6904811.5	592546.6	1284.6	
A-150	6905594.3	592276.3	1315.8	
A-151	6905457.2	592155.3	1313.1	
A-152	6904765.0	592505.2	1277.3	218.5
A-153	6904890.9	592454.8	1286.6	
A-154	6905413.1	592198.2	1310.7	
A-155	6905171.5	592385.9	1300.4	
A-156	6905307.6	592176.4	1308.8	
A-157	6904715.7	592378.1	1273.9	155.4
A-158	6905184.5	592315.7	1302.0	
A-159	6904796.9	592288.5	1276.8	
A-160	6905226.7	592262.5	1301.7	145.1
A-161	6905186.2	592316.0	1301.9	
A-162	6904589.5	592426.9	1263.7	
A-163	6905299.6	592327.3	1202.1	119.5
A-164	6905349.9	592367.9	1278.6	110.3
162	6904352.8	592539.6	1245.4	
165	6904271.8	592587.5	1236.0	
P-1				
P-2	6906374.6	591359.4	1307.4	
P-3				
P-4	6906424.5	591340.5	1304.9	
P-5	6906426.3	591374.0	1307.0	
P-6	6906345.9	591314.5	1303.7	

wrong  
KCP  
June/83

Wrong  
bedrock  
elevation  
1302.2  
KCP  
June/83