

**APPENDIX 3.**

**ANALYTICAL DATA FOR HAND SPECIMENS AND DRILL CORE SAMPLES  
PERTAINING TO INDIVIDUAL OCCURRENCES  
BY REFERENCE NUMBER**

**(MINERALS ENGINEERING CENTRE, TECHNICAL UNIVERSITY OF NOVA SCOTIA)**









Sample Number	Moisture %	Comb H <sub>2</sub> O %	SO <sub>3</sub> %	Gypsum %	Anhydrite %	NaCl %	CaO %	CaCO <sub>3</sub> %	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	K <sub>2</sub> O %	MgO %	B ppm	Ba ppm	Sr ppm	
Gp/AnR-1526	0.08	19.30	47.38	92.22	7.58	0.005										
Gp/AnR-1527	0.09	15.44	48.99	73.77	24.92	0.008										
Gp/AnR-1528	0.09	15.71	49.12	75.06	24.12	0.010										
Gp/AnR-1529	0.09	20.41	46.11	97.52	1.22	0.009										
Gp/AnR-1530	0.09	20.45	46.52	97.71	1.77	0.015										
Gp/AnR-1531	0.06	18.08	47.73	86.39	12.79	0.009										
Gp/AnR-1532	0.01	20.58	46.24	98.33	0.80	0.006										
Gp/AnR-1533	0.10	20.28	45.64	96.90	0.92	0.008										
Gp/AnR-1534	0.01	2.15	56.86	10.27	88.55	0.010										
Gp/AnR-1535	0.03	0.47	57.77	2.25	96.46	0.011										
Gp/AnR-1536	0.01	0.44	57.92	2.10	96.82	0.014										
Gp/AnR-1537	0.01	0.34	57.11	1.63	95.82	0.009										
Gp/AnR-1538	0.04	0.84	57.42	4.01	94.46	0.008										
Gp/AnR-1539	0.03	0.64	57.78	3.06	95.83	0.012										
Gp/AnR-1540	0.05	0.54	57.59	2.58	95.88	0.016										
Gp/AnR-1541	0.04	0.59	57.77	2.82	96.00	0.009										
Gp/AnR-1542	0.02	0.55	57.39	2.63	95.51	0.006										
Gp/AnR-1543	0.01	0.47	57.43	2.25	96.05	0.006										
Gp/AnR-1544	0.01	0.48	57.92	2.29	96.67	0.007										
Gp/AnR-1545	0.01	0.42	57.38	2.01	95.98	0.009										
Gp/AnR-1546	<0.01	1.32	56.02	6.31	90.27	0.013										
Gp/AnR-1547	<0.01	0.67	58.05	3.20	96.18	0.012										
Gp/AnR-1548	<0.01	0.86	57.09	4.11	93.82	0.008										
Gp/AnR-1549	<0.01	0.64	57.19	3.06	94.83	0.010										
Gp/AnR-1550	<0.01	0.70	57.13	3.35	94.50	0.010										
Gp/AnR-1551	<0.01	0.53	57.88	2.53	96.42	0.012										
Gp/AnR-1552	<0.01	0.90	57.24	4.30	93.93	0.011										
Gp/AnR-1553	<0.01	0.67	56.83	3.20	94.10	0.011										
Gp/AnR-28	0.11	1.49	56.25	7.12	90.01	0.063	39.70	0.53	0.33	<0.10	0.02	0.44	75	70	3000	
Gp/AnR-29	0.15	1.07	57.47	5.11	93.67	0.057	40.50	0.44	0.38	<0.10	0.02	0.15	85	77	5000	
Gp/AnR-30	0.04	1.38	57.73	6.59	92.94	0.035	40.69	0.44	0.51	0.10	0.02	0.05	100	5	1100	
Gp/AnR-31	<0.01	19.44	46.71	92.94	5.90	0.015	33.42	1.25	0.57	0.10	0.02	0.03	55	32	820	
Gp/AnR-32	<0.01	19.74	45.45	94.38	2.68	0.060	31.97	0.23	1.13	0.15	0.03	0.31	55	7	520	
Gp/AnR-33	0.42	19.73	45.46	94.28	2.69	0.151	31.91	1.90	1.14	0.12	0.05	0.39	55	47	580	
Gp/AnR-34	0.06	21.13	46.47	96.24	2.89	0.031	32.63	0.14	1.08	0.12	0.05	0.17	<50	30	620	
Gp/AnR-35	<0.01	0.98	57.49	4.68	94.04	0.039	40.71	0.24	0.48	0.10	0.01	0.03	120	5	870	
Gp/AnR-36	<0.01	0.80	52.59	3.82	86.39	0.037	41.83	8.91	0.78	0.12	0.02	0.17	65	13	1200	







Sample Number	Moisture %	Comb H <sub>2</sub> O %	SO <sub>3</sub> %	Gypsum %	Anhydrite %	NaCl %	CaO %	CaCO <sub>3</sub> %	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	K <sub>2</sub> O %	MgO %	B ppm	Ba ppm	Sr ppm
GpAnR-55	<0.01	18.96	42.68	90.60	0.87	0.010	34.41	8.05	0.87	<0.10	0.02	0.03	<50	21	670
GpAnR-57	<0.01	19.06	43.18	91.08	1.34	0.011	34.49	7.57	0.59	<0.10	0.006	0.03	<50	5	800
GpAnR-58	0.20	18.65	42.97	89.12	2.54	0.010	34.15	7.22	0.91	0.12	0.05	0.04	<50	5	480
GpAnR-59	0.51	18.34	41.30	87.64	0.87	0.010	34.59	10.10	0.62	0.10	0.03	0.05	<50	8	580
GpAnR-60	0.05	18.58	42.73	88.79	2.39	0.012	34.15	7.52	0.62	0.16	0.04	0.05	<50	5	500
GpAnR-61	0.21	18.94	42.44	90.51	0.54	0.011	34.74	8.94	0.92	0.33	0.03	0.05	<50	5	920
GpAnR-62	<0.01	20.27	46.13	96.86	1.78	0.006	32.60	0.51	0.39	0.10	0.02	0.04	<50	5	350
GpAnR-63	<0.01	18.13	41.41	86.63	1.85	0.016	31.63	4.68	5.54	1.18	0.21	0.34	<50	29	690
<b>Occurrence 0011</b>															
GpAnR-64	0.01	19.82	45.19	94.71	1.89	0.024	33.98	4.15	0.67	<0.10	0.03	0.08	<50	5	740
<b>Occurrence 0012</b>															
GpAnR-66A	0.88	20.11	45.37	96.10	1.10	0.006	32.13	0.62	0.67	0.16	0.04	0.36	<50	9	240
GpAnR-67	0.08	20.46	45.78	97.77	0.47	0.007	32.81	1.32	0.71	0.16	0.06	0.07	55	35	460
GpAnR-68	<0.01	20.11	45.48	96.10	1.28	0.020	32.97	1.98	0.13	<0.10	0.02	0.24	<50	9	870
GpAnR-69	0.12	19.89	45.28	95.04	1.78	0.009	31.75	0.06	0.24	0.10	0.02	0.34	<50	21	1150
GpAnR-70	0.10	18.21	40.82	87.02	0.55	0.029	29.72	2.12	5.64	1.10	0.34	0.85	<50	95	2500
GpAnR-71	0.43	20.22	45.72	96.62	1.28	0.128	32.81	2.04	0.41	<0.10	0.03	0.07	<50	14	900
GpAnR-72	0.07	20.03	44.89	95.71	0.58	0.048	32.72	2.27	0.75	<0.10	0.04	0.15	<50	33	700
GpAnR-73	0.17	18.16	40.46	86.78	0.12	0.011	30.45	3.76	4.90	1.00	0.33	1.25	55	190	520
<b>Occurrence 0013</b>															
GpAnR-74	0.06	14.36	49.02	68.62	29.05	0.129	35.35	1.81	0.39	<0.10	0.02	0.15	50	15	1400
GpAnR-75	0.03	20.44	45.64	97.67	0.31	0.006	32.81	1.50	0.60	0.12	0.03	0.10	50	52	550
GpAnR-76	<0.01	12.53	28.61	59.88	1.26	0.014	39.08	33.97	2.11	0.46	0.11	0.98	55	51	580
GpAnR-160	<0.01	19.73	45.07	94.28	2.02	0.005	32.91	2.39	0.25	<0.10	0.03	0.53	55	17	470
GpAnR-161	0.04	19.14	43.99	91.46	2.42	0.013	32.47	2.95	1.16	0.28	0.06	0.26	60	49	1100
<b>Occurrence 0014</b>															
GpAnR-77	<0.01	19.80	45.20	94.61	1.98	0.010	32.98	2.35	0.95	0.12	0.04	0.06	60	41	650
GpAnR-78	<0.01	19.71	44.49	94.18	1.11	0.003	32.81	2.93	1.60	0.22	0.06	0.16	60	78	1600
GpAnR-79	<0.01	19.84	44.24	94.81	0.20	0.004	32.47	2.64	0.67	0.16	0.06	0.62	50	31	400
GpAnR-80	<0.01	20.21	44.98	96.57	0.06	0.025	32.62	1.98	0.67	<0.10	0.01	0.16	65	17	360
GpAnR-81	<0.01	19.67	44.17	93.99	0.72	0.023	32.47	2.67	0.83	<0.10	0.02	0.19	65	37	1300
GpAnR-82	<0.01	20.21	45.39	96.14	1.09	0.011	32.81	1.81	0.38	<0.10	0.02	0.23	65	2	340
GpAnR-87A	<0.01	9.06	21.10	43.29	1.62	0.010	43.57	51.38	1.96	0.12	0.04	0.20	<50	18	570
GpAnR-88	<0.01	20.14	46.01	96.24	2.07	0.006	32.80	1.01	0.59	0.14	0.03	0.03	70	35	3700



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GpAnR-1493	<0.01	5.46	51.01	26.09	66.09	0.026									
GpAnR-1494	0.11	8.17	52.01	39.04	57.54	0.012									
GpAnR-1495	0.08	8.97	49.17	42.86	49.69	0.016									
GpAnR-1496	0.05	5.41	46.91	25.85	59.31	0.012									
GpAnR-1497	0.08	7.68	48.46	36.70	53.36	0.014									
GpAnR-1498	0.04	4.57	54.20	21.84	74.88	0.008									
GpAnR-1499	0.07	8.07	46.76	38.56	48.99	0.012									
GpAnR-1500	0.03	20.54	46.51	98.14	1.41	0.007									
GpAnR-1501	0.03	14.89	33.66	71.14	0.93	0.009									
GpAnR-1502	0.07	20.09	44.86	95.99	0.31	0.005									
GpAnR-1503	0.02	20.60	46.35	98.43	0.91	0.005									
GpAnR-1504	0.02	20.71	46.51	98.95	0.77	0.004									
GpAnR-1505	0.01	11.69	51.02	55.86	42.55	0.013									
GpAnR-1506	<0.01	1.58	56.33	7.55	89.81	0.009									
GpAnR-1507	<0.01	1.36	58.18	6.50	93.79	0.009									
GpAnR-1508	0.04	4.93	47.45	23.56	62.04	0.023									
GpAnR-1509	0.04	2.24	53.17	10.70	81.94	0.005									
GpAnR-1510	0.01	1.48	55.15	7.07	88.18	0.004									
GpAnR-1511	0.02	3.45	41.92	16.48	58.23	0.010									
<b>Occurrence 0015</b>															
GpAnR-85	0.10	20.02	44.76	95.67	0.40	0.007	31.97	1.10	1.48	0.12	0.04	0.35	<50	34	200
GpAnR-86	0.28	18.47	41.64	88.26	0.96	0.011	30.03	1.54	6.02	1.23	0.18	1.22	<50	79	1050
GpAnR-87	0.14	20.22	46.03	96.62	1.79	0.003	32.28	<0.10	0.25	0.14	0.03	0.13	<50	48	1100
<b>Occurrence 0016</b>															
GpAnR-91	0.04	19.88	44.89	95.00	1.15	0.004	52.97	2.72	0.25	0.19	0.03	0.19	60	32	700
GpAnR-92	<0.01	20.08	45.13	95.95	0.80	0.004	31.62	<0.10	0.15	0.14	0.02	0.49	<50	13	320
GpAnR-93	<0.01	19.21	43.29	91.80	0.96	0.005	32.64	4.13	0.15	0.32	0.07	1.12	<50	21	450
GpAnR-94	<0.01	20.44	46.23	97.67	1.31	0.003	31.97	0.73	1.27	0.14	0.02	0.05	60	13	880
GpAnR-94A	0.06	17.74	40.27	84.77	1.39	0.005	29.44	2.19	11.07	1.25	0.18	0.47	55	62	960
GpAnR-95	<0.01	19.97	45.30	95.43	1.51	0.007	32.74	1.81	0.25	0.14	0.02	0.64	70	22	1300
<b>Occurrence 0017</b>															
GpAnR-96	0.17	19.61	44.90	93.70	2.19	0.058	31.96	0.92	1.87	0.40	0.05	0.06	55	42	850
GpAnR-97	0.07	19.95	45.55	95.33	2.00	0.008	32.65	1.33	0.25	0.14	0.01	0.02	55	34	680
GpAnR-98	0.17	19.06	43.67	91.07	2.18	0.013	34.15	6.35	0.25	0.14	0.02	0.04	55	38	1600
GpAnR-99	0.15	19.00	43.93	90.79	2.85	0.009	33.31	4.53	0.57	0.22	0.03	0.05	<50	26	520

GpAnR-100	0.20	19.30	44.18	92.22	2.14	0.008	34.15	5.71	0.25	0.18	0.02	0.05	<50	24	360
GpAnR-101	0.13	19.48	44.44	93.08	1.90	0.044	32.81	3.00	0.15	0.18	0.02	0.05	<50	14	310
GpAnR-102	0.15	18.74	42.50	89.54	1.40	0.038	34.21	7.92	0.59	0.18	0.02	0.07	<50	21	460
GpAnR-103	0.10	19.86	45.26	94.90	1.85	0.016	31.97	0.50	0.25	0.14	0.02	0.03	<50	22	420
GpAnR-104	0.19	19.61	44.00	93.71	0.66	0.116	31.97	2.05	0.45	0.14	0.02	0.05	<50	22	690
GpAnR-105	0.13	19.11	43.35	91.31	1.44	0.027	33.00	4.70	0.47	0.18	0.03	0.05	<50	8	430
GpAnR-106	0.19	18.68	42.58	89.26	1.76	0.046	33.90	7.28	0.60	0.14	0.02	0.05	<50	15	580
GpAnR-107	0.38	18.98	43.21	90.70	1.88	0.061	33.14	5.12	0.39	0.18	0.02	0.05	<50	12	360
GpAnR-108	0.12	20.09	45.16	96.00	0.81	0.029	32.81	2.10	0.33	0.14	0.02	0.04	<50	33	350
GpAnR-109	0.08	20.01	45.46	95.61	1.62	0.018	32.97	2.00	0.97	0.14	0.02	0.04	<50	22	350
GpAnR-110	0.10	19.67	45.19	94.00	2.45	0.021	32.97	2.35	0.72	0.14	0.03	0.05	<50	29	350
GpAnR-111	0.13	19.02	43.86	90.89	2.65	0.01	33.65	5.22	0.61	0.22	0.05	0.06	<50	39	660
GpAnR-112	0.15	19.06	43.79	91.08	2.38	0.008	34.32	6.50	0.22	0.14	0.02	0.04	<50	20	600
GpAnR-113	0.07	18.30	41.49	87.45	1.34	0.006	35.23	11.00	0.22	0.14	0.01	0.07	<50	22	670
GpAnR-115	0.81	19.39	43.96	92.65	1.42	0.070	33.08	4.08	0.95	0.14	0.04	0.10	<50	13	490
GpAnR-116	<0.01	19.68	44.45	94.04	1.16	0.019	33.31	3.88	0.89	0.14	0.03	0.07	<50	34	700
GpAnR-117	0.06	19.31	43.99	92.27	1.77	0.012	34.15	5.95	0.22	0.14	0.01	0.06	60	34	630
GpAnR-118	0.05	19.91	45.29	95.13	1.71	0.008	32.79	1.90	0.44	0.14	0.02	0.04	70	39	420
GpAnR-119	<0.01	16.53	39.60	78.99	4.82	0.011	35.59	14.01	0.54	0.14	0.03	0.11	50	52	1100
GpAnR-120	<0.01	18.05	41.02	86.25	1.49	0.004	34.51	10.30	0.54	0.14	0.04	0.10	65	60	2700
GpAnR-121	<0.01	19.23	43.63	91.89	1.47	0.012	32.43	3.33	0.54	0.14	0.04	0.07	70	54	800
GpAnR-136	0.08	19.44	44.56	92.89	2.08	0.01	31.37	0.28	2.04	0.46	0.05	0.10	50	58	520
GpAnR-137	0.20	15.37	48.49	73.44	24.32	0.059	34.82	1.02	0.73	0.20	0.007	0.16	50	30	730
GpAnR-138	0.20	1.97	48.20	9.41	74.50	0.083	41.22	13.31	0.59	0.22	0.03	0.19	<50	7	1600
GpAnR-139	0.12	18.65	43.01	89.11	2.60	0.081	33.88	6.69	1.14	0.30	0.07	0.19	70	42	1500
GpAnR-140	0.58	19.05	43.11	91.03	1.27	0.27	33.33	5.59	0.86	0.20	0.04	0.12	70	68	1600
GpAnR-141	0.07	18.29	42.35	87.40	2.84	0.023	34.32	8.31	0.42	0.12	0.02	0.09	70	75	5800
GpAnR-142	0.03	18.28	42.12	87.35	2.49	0.007	33.73	7.54	0.42	0.18	0.02	0.09	55	48	1400
<b>Occurrence 0018</b>															
GpAnR-122	<0.01	2.97	55.39	14.19	82.95	0.14	39.40	1.42	0.13	0.14	0.02	0.06	<50	15	1000
GpAnR-123	<0.01	19.75	46.21	94.37	3.88	0.043	32.63	0.46	0.22	0.14	0.01	0.06	65	50	880
GpAnR-124	0.04	19.61	45.62	93.71	3.41	0.033	33.14	2.11	0.44	0.14	0.04	0.07	65	40	650
GpAnR-125	0.33	19.35	45.00	92.47	3.34	0.25	31.63	0.20	1.50	0.20	0.07	0.30	65	46	520
GpAnR-126	0.13	19.99	45.46	95.52	1.70	0.011	33.42	2.81	0.22	0.14	0.01	0.22	70	39	580
GpAnR-127	0.03	20.09	45.64	96.00	1.63	0.009	32.98	1.80	0.54	0.14	0.04	0.07	70	44	510
GpAnR-128	0.02	19.83	45.36	94.75	2.14	0.056	33.15	2.45	0.82	0.14	0.06	0.14	55	41	600
GpAnR-129	0.12	19.86	45.34	94.90	1.99	0.025	32.80	1.86	0.62	0.14	0.03	0.25	65	34	1500
GpAnR-130	0.06	19.48	45.26	93.08	3.29	0.018	33.14	2.56	0.52	0.14	0.03	0.23	50	30	580



## Occurrence 0024

GpAnR-164	0.07	0.72	57.71	3.43	95.41	0.016	40.71	0.51	0.16	<0.10	0.02	0.12	85	1	700
GpAnR-165	0.01	4.25	55.61	20.31	78.49	0.005	39.53	1.03	0.16	<0.10	0.02	0.14	75	4	500
GpAnR-166	0.03	20.60	46.43	98.43	1.04	0.006	32.62	0.17	0.25	<0.10	0.31	0.02	50	17	540
GpAnR-168	6.56	20.40	46.13	97.50	1.30	0.009	32.50	0.33	0.25	<0.10	0.02	0.03	50	19	260
GpAnR-169	0.01	7.89	53.13	37.70	60.50	0.004	37.33	0.20	0.25	<0.10	0.02	0.14	60	8	1200
GpAnR-174	<0.01	20.46	46.45	97.77	1.60	0.005	33.11	1.02	0.26	<0.10	0.02	0.11	55	30	640
GpAnR-175	<0.01	20.50	45.87	97.96	0.47	0.003	32.30	0.30	0.25	<0.10	0.01	0.18	55	39	690
GpAnR-176	<0.01	20.42	46.37	97.58	1.62	0.002	33.31	1.47	0.34	<0.10	0.02	0.08	60	22	610
GpAnR-177	0.03	20.41	46.11	97.53	1.22	<0.001	32.64	0.61	0.34	0.12	0.02	0.16	50	28	790
GpAnR-178	0.06	20.38	45.63	97.38	0.51	0.004	32.64	1.21	0.27	0.17	0.02	0.10	65	38	840
GpAnR-179	0.02	8.88	52.94	42.43	56.43	0.003	37.48	0.71	0.38	<0.10	0.02	0.11	75	3	1000
GpAnR-180	<0.01	11.66	50.44	55.71	41.67	0.003	35.46	0.21	0.50	0.17	0.03	0.19	75	50	880

## Occurrence 0025

GpAnR-167	0.06	20.57	46.23	98.29	0.82	0.001	32.42	<0.10	0.25	<0.10	0.02	0.02	70	22	1200
GpAnR-170	<0.01	20.64	46.53	98.62	1.06	0.008	33.01	0.74	0.34	<0.10	0.03	0.03	55	22	800
GpAnR-171	0.18	8.72	52.74	41.66	56.70	0.009	37.18	0.42	0.25	<0.10	0.03	0.10	110	14	850
GpAnR-172	0.01	8.00	53.56	38.24	60.81	0.003	37.54	<0.10	0.34	<0.10	0.02	0.08	85	13	920
GpAnR-173	0.04	3.00	55.61	14.33	83.21	0.010	40.28	2.36	0.16	<0.10	0.03	0.10	100	13	920
GpAnR-181	<0.01	12.66	49.68	60.49	36.60	0.003	34.02	<0.10	0.46	0.12	0.02	0.26	75	3	680
GpAnR-182	0.12	19.99	45.37	95.52	1.55	0.003	33.14	2.42	0.71	0.12	0.03	0.07	65	24	680
GpAnR-183	<0.01	1.76	54.01	8.41	88.84	0.008	39.20	2.44	0.28	<0.10	0.02	0.16	95	1	780
GpAnR-184	0.10	11.68	50.95	55.81	42.46	0.006	36.02	0.57	0.42	0.12	0.03	0.14	75	34	800
GpAnR-185	<0.01	19.81	45.35	94.66	2.19	0.002	32.81	1.86	0.82	0.24	0.04	0.14	50	35	620
GpAnR-186	0.01	8.91	52.11	42.57	54.91	0.003	38.97	1.38	0.47	<0.10	0.02	0.20	60	23	900
GpAnR-187	0.01	7.53	52.94	35.98	61.54	0.005	37.63	0.97	0.47	<0.10	0.02	0.20	60	10	1100
GpAnR-188	0.03	8.88	51.88	42.43	54.30	0.007	36.50	0.28	0.28	<0.10	0.02	0.26	75	8	1100
GpAnR-189	0.04	8.07	53.11	38.56	59.79	0.007	38.86	2.96	0.15	0.12	0.03	0.12	65	7	800
GpAnR-190	0.06	11.87	50.67	56.72	41.28	0.010	36.01	0.92	0.47	0.12	0.05	0.12	55	10	860
GpAnR-191	0.05	5.84	54.58	27.91	70.72	0.005	38.86	1.12	0.42	<0.10	0.03	0.14	95	7	1300
GpAnR-192	0.01	11.42	50.93	54.57	43.41	0.002	36.67	1.77	0.42	0.12	0.03	0.15	75	18	1100
GpAnR-193	0.04	20.55	46.30	98.19	1.01	0.003	32.45	0.03	0.50	<0.10	0.02	0.04	<50	29	530
GpAnR-194	0.03	13.45	50.08	64.28	34.29	0.004	35.87	1.41	0.47	0.12	0.02	0.15	65	20	660
GpAnR-195	<0.01	20.38	46.55	97.38	2.08	<0.001	32.67	0.11	0.34	0.12	0.02	0.04	60	32	540
GpAnR-196	<0.01	12.14	50.51	58.01	39.97	0.004	35.43	0.09	0.67	0.12	0.02	0.13	80	16	920
GpAnR-197	0.08	14.27	49.99	68.19	31.03	0.002	35.16	0.25	0.28	0.12	0.02	0.11	65	26	700
GpAnR-198	<0.01	3.04	55.89	14.53	83.53	0.010	39.53	0.67	0.53	<0.10	0.02	0.20	100	6	1100
GpAnR-199	0.03	6.31	54.11	30.15	68.14	0.004	37.99	0.15	0.20	<0.10	0.02	0.06	85	5	1100
GpAnR-200	0.01	5.43	54.53	25.93	72.19	0.004	38.97	1.38	0.38	<0.10	0.02	0.23	60	18	830



GpAnR-1629	0.17	0.70	58.09	3.35	96.13	0.010
GpAnR-1630	0.15	0.74	57.84	3.54	95.55	0.012
GpAnR-1631	0.16	0.74	57.29	3.54	94.62	0.011
GpAnR-1632	0.07	0.58	55.68	2.77	92.49	0.009
GpAnR-1633	0.06	0.82	55.42	3.92	91.14	0.009
GpAnR-1634	0.08	0.52	52.86	2.49	87.92	0.008
GpAnR-1635	0.06	0.60	53.36	2.87	88.46	0.011
GpAnR-1636	0.12	0.47	50.45	2.25	84.01	0.008
GpAnR-1637	0.06	0.53	58.24	2.53	97.03	0.005
GpAnR-1638	0.15	0.62	58.36	2.96	96.89	0.008
GpAnR-1639	0.07	0.73	58.60	3.49	96.88	0.008
GpAnR-1640	0.09	0.44	55.59	2.10	92.86	0.008
GpAnR-1641	0.07	0.55	57.48	2.63	95.66	0.006
GpAnR-1642	0.05	0.83	57.22	3.97	94.16	0.008
GpAnR-1643	<0.01	1.95	53.18	9.32	83.05	0.006
GpAnR-1644	<0.01	2.30	48.00	10.99	72.92	0.008
GpAnR-1645	0.03	0.62	56.98	2.96	94.54	0.006
GpAnR-1646	<0.01	0.60	58.65	2.87	97.46	0.006
GpAnR-1647	<0.01	0.64	58.51	3.06	97.07	0.009
GpAnR-1648	<0.01	0.55	58.65	2.63	97.65	0.011
GpAnR-1649	<0.01	1.35	56.64	6.45	91.21	0.007
GpAnR-1650	<0.01	0.86	58.21	4.11	95.73	0.008
GpAnR-1651	<0.01	0.92	58.21	4.40	95.50	0.006
GpAnR-1652	<0.01	4.24	54.13	20.26	76.01	0.005
<b>Occurrence 0029</b>						
GpAnR-1446	<0.01	17.76	40.07	84.86	0.97	0.005
GpAnR-1447	<0.01	18.77	42.12	89.68	0.64	0.007
GpAnR-1448	<0.01	4.29	50.41	20.50	69.49	0.007
GpAnR-1449	0.02	2.14	52.20	10.23	80.67	0.008
GpAnR-1450	<0.01	6.01	50.05	28.72	62.38	0.011
GpAnR-1451	<0.01	5.84	47.23	27.90	58.23	0.007
GpAnR-1452	<0.01	5.63	43.21	26.90	52.18	0.008
<b>Occurrence 0030</b>						
GpAnR-1453	<0.01	20.87	46.65	99.72	0.40	0.005
GpAnR-1454	<0.01	19.84	46.02	94.80	3.23	0.004
<b>Occurrence 0031</b>						
GpAnR-364A	<0.01	20.68	46.31	98.81	0.54	0.041
GpAnR-365	<0.01	20.44	45.69	97.66	0.40	0.007



GpAnR-1334	<0.01	0.95	55.78	4.54	91.26	0.012
GpAnR-1335	<0.01	0.72	57.03	3.44	94.25	0.012
GpAnR-1336	<0.01	0.67	56.80	3.20	94.05	0.014
GpAnR-1337	<0.01	0.70	55.22	3.35	91.25	0.013
GpAnR-1338	0.06	0.85	54.77	4.06	89.92	0.014
GpAnR-1339	<0.01	0.99	56.37	4.73	92.11	0.019
GpAnR-1340	<0.01	0.89	55.82	4.25	91.55	0.016
GpAnR-1341	0.03	0.31	49.81	1.48	83.53	0.016
GpAnR-1342	0.04	0.23	54.38	1.10	91.60	0.018
GpAnR-1343	0.02	0.47	54.39	2.25	90.71	0.045
GpAnR-1344	0.06	0.23	56.07	1.10	94.47	0.011
GpAnR-1345	0.05	0.28	56.71	1.34	95.37	0.017
GpAnR-1346	0.04	0.28	57.33	1.34	96.43	0.013
GpAnR-1347	0.02	0.57	43.39	2.72	71.62	0.023
GpAnR-1348	0.04	0.27	56.09	1.29	94.35	0.013
GpAnR-1349	<0.01	0.71	45.73	3.39	75.07	0.027
GpAnR-1350	0.01	0.30	35.04	1.43	58.45	0.055
GpAnR-1351	<0.01	0.17	52.05	0.81	87.86	0.014
GpAnR-1352	<0.01	0.25	56.06	1.20	94.38	0.020
GpAnR-1353	<0.01	0.53	56.96	2.53	94.85	0.016
GpAnR-1354	<0.01	0.56	54.61	2.68	90.74	0.022
GpAnR-1355	0.04	0.81	39.31	3.87	63.78	0.040
GpAnR-1356	0.03	0.42	39.33	2.01	65.29	0.034
GpAnR-1357	0.03	0.49	53.54	2.34	89.19	0.019
GpAnR-1358	<0.01	0.46	45.78	2.20	76.11	0.039
GpAnR-1359	<0.01	0.42	47.04	2.01	78.40	0.030
GpAnR-1360	<0.01	0.60	52.16	2.87	86.42	0.030
GpAnR-1361	<0.01	0.82	50.91	3.92	83.47	0.022
GpAnR-1362	<0.01	0.52	55.86	2.49	93.02	0.019
GpAnR-1363	<0.01	0.75	56.12	3.58	92.59	0.022
GpAnR-1364	<0.01	0.55	58.34	2.63	97.12	0.013
GpAnR-1365	<0.01	0.38	56.85	1.82	95.23	0.017
GpAnR-1366	<0.01	0.37	57.49	1.77	96.36	0.017
GpAnR-1367	<0.01	0.77	49.96	3.68	82.04	0.021
GpAnR-1368	<0.01	0.68	49.11	3.25	80.94	0.022
GpAnR-1369	<0.01	0.65	50.80	3.11	83.92	0.021
GpAnR-1370	<0.01	0.68	56.76	3.25	93.94	0.023
GpAnR-1371	<0.01	0.59	58.11	2.82	96.58	0.017
GpAnR-1372	<0.01	0.84	57.33	4.01	94.31	0.030
GpAnR-1373	<0.01	0.68	42.77	3.25	70.15	0.032
GpAnR-1374	0.08	0.47	56.01	2.25	93.46	0.022



GpAnR-1413	0.01	0.70	56.87	3.35	94.06	0.013
GpAnR-1414	0.04	0.70	55.10	3.35	91.05	0.022
GpAnR-1415	0.02	0.57	53.74	2.72	89.22	0.015
GpAnR-1416	0.03	0.62	37.61	2.96	61.61	0.032
GpAnR-1417	<0.01	0.54	47.35	2.58	78.47	0.032
GpAnR-1418	<0.01	0.36	52.81	1.72	88.44	0.017
GpAnR-1419	<0.01	0.72	43.81	3.44	71.77	0.026
GpAnR-1420	<0.01	0.68	46.52	3.25	76.53	0.024
GpAnR-1421	<0.01	0.74	54.78	3.54	90.35	0.017
GpAnR-1422	0.02	0.55	55.69	2.63	92.62	0.014
GpAnR-1423	<0.01	2.07	55.11	9.89	85.88	0.009
GpAnR-1424	<0.01	0.45	57.70	2.15	96.41	0.019
GpAnR-1425	<0.01	0.48	57.95	2.29	96.72	0.016
GpAnR-1426	<0.01	0.60	57.51	2.87	95.52	0.033
GpAnR-1427	<0.01	0.65	57.57	3.11	95.43	0.018
GpAnR-1428	0.03	0.23	55.75	1.10	93.93	0.028
GpAnR-1429	0.03	0.19	54.07	0.91	91.22	0.019
GpAnR-1430	0.01	0.29	55.63	1.39	93.50	0.031
GpAnR-1431	0.03	0.20	53.39	0.96	90.03	0.027
GpAnR-1432	<0.01	0.20	55.95	0.96	94.38	0.020
GpAnR-1433	<0.01	0.31	56.19	1.48	94.37	0.021
GpAnR-1434	<0.01	0.61	48.78	2.92	80.64	0.028
GpAnR-1435	<0.01	0.71	54.97	3.39	90.79	0.025
GpAnR-1436	<0.01	1.28	56.98	6.12	92.05	0.015
GpAnR-1437	0.02	0.45	56.54	2.15	94.44	0.012
GpAnR-1438	<0.01	0.64	57.05	3.06	94.59	0.020
GpAnR-1439	<0.01	12.03	50.90	57.48	41.06	0.055
GpAnR-1440	<0.01	20.24	45.58	96.71	0.97	0.030
GpAnR-1441	<0.01	19.92	44.40	95.18	0.17	0.022
GpAnR-1442	<0.01	20.60	45.86	98.43	0.08	0.031
GpAnR-1443	<0.01	20.67	46.02	98.76	0.09	0.019
GpAnR-1444	<0.01	19.57	43.57	93.51	0.08	0.047
GpAnR-1445	<0.01	19.66	44.11	93.94	0.66	0.039
GpAnR-609	0.12	20.38	46.18	97.38	1.46	0.009
GpAnR-610	1.37	19.60	43.94	93.65	0.60	0.011
<b>Occurrence 0038</b>						
GpAnR-342	0.06	20.84	46.68	99.57	0.57	0.015



GpAnR-1062	<0.01	19.43	44.83	92.84	2.75	0.012
GpAnR-1063	<0.01	12.25	51.29	58.53	40.89	0.035
GpAnR-1064	<0.01	10.86	51.41	51.89	46.35	0.038
GpAnR-1065	<0.01	11.72	42.51	56.00	27.96	0.044
GpAnR-1066	<0.01	11.78	46.30	56.29	34.18	0.027
GpAnR-1067	<0.01	19.58	47.10	93.55	6.05	0.013
GpAnR-1068	0.05	11.19	49.01	53.47	41.02	0.031
GpAnR-1069	0.03	7.09	53.50	33.88	64.16	0.052
GpAnR-1070	<0.01	13.29	46.84	63.50	29.39	0.027
GpAnR-1071	<0.01	12.45	38.34	59.49	18.11	0.023
GpAnR-1072	<0.01	11.89	47.26	56.81	35.40	0.076
GpAnR-1073	<0.01	13.31	40.45	63.60	18.45	0.054
GpAnR-1074	<0.01	14.42	47.62	68.90	26.44	0.008
GpAnR-1075	<0.01	19.14	47.23	91.45	7.93	0.025
GpAnR-1076	0.02	16.59	44.86	79.27	13.54	0.020
GpAnR-1077	0.02	9.20	51.70	43.96	53.12	0.014
GpAnR-1078	<0.01	11.39	49.94	54.42	41.85	0.063
GpAnR-1079	0.02	7.78	38.84	37.17	36.62	0.130
GpAnR-1080	0.04	9.49	51.74	45.34	52.09	0.026
GpAnR-1081	0.01	12.35	47.97	59.01	34.87	0.039
GpAnR-1082	0.05	12.51	46.28	59.77	31.39	0.043
GpAnR-1083	<0.01	15.92	47.07	76.07	19.84	0.025
GpAnR-1084	<0.01	14.21	46.24	67.90	24.89	0.014
GpAnR-1085	0.12	7.87	25.33	37.60	13.31	0.051
GpAnR-1086	0.04	12.51	50.80	59.77	39.07	0.023
GpAnR-1087	0.01	11.79	50.96	56.33	42.07	0.041
GpAnR-1088	0.02	13.78	47.09	65.84	27.96	0.026
GpAnR-1089	<0.01	12.83	50.44	61.30	37.25	0.036
GpAnR-1090	<0.01	9.77	53.38	46.68	53.82	0.029
GpAnR-1091	<0.01	11.51	51.28	55.00	43.67	0.042
GpAnR-1092	0.05	3.08	54.56	14.72	81.13	0.022
GpAnR-1093	0.06	5.83	53.20	27.86	68.42	0.022
GpAnR-1094	0.02	4.59	53.00	21.93	72.76	0.022
GpAnR-1095	0.03	9.43	48.82	45.06	47.35	0.005
GpAnR-1096	<0.01	5.77	43.32	27.57	51.84	0.011
GpAnR-1097	0.02	13.40	30.58	64.03	1.33	0.007
GpAnR-1098	0.02	12.29	28.84	58.72	2.56	0.009
GpAnR-1099	0.02	19.42	47.07	92.79	6.60	0.005
GpAnR-1100	0.11	17.95	45.32	85.77	9.18	0.044
GpAnR-1101	0.03	6.73	46.94	32.16	54.37	0.024
GpAnR-1102	0.03	20.20	46.56	96.52	2.71	0.010



GpAnR-1141	0.08	20.64	46.87	98.62	1.65	0.003
GpAnR-1142	<0.01	20.78	46.52	99.29	0.52	0.005
GpAnR-1143	<0.01	20.36	45.95	97.28	1.14	0.008
GpAnR-1144	<0.01	19.10	43.35	91.26	1.48	0.006
GpAnR-1145	<0.01	20.35	46.63	97.23	2.33	0.007
GpAnR-1146	<0.01	20.22	46.35	96.61	2.35	0.004
GpAnR-1147	<0.01	18.19	41.41	86.91	1.63	0.018
GpAnR-1148	<0.01	20.51	45.93	98.00	0.54	0.006
GpAnR-1149	<0.01	4.72	54.31	22.55	74.50	0.031
GpAnR-1150	0.06	7.13	51.47	34.07	60.56	0.078
GpAnR-1151	0.04	19.96	45.95	95.42	2.65	0.006
GpAnR-1152	<0.01	19.80	45.69	94.60	2.82	0.007
GpAnR-1153	<0.01	19.19	44.22	91.69	2.62	0.007
GpAnR-1154	<0.01	18.43	41.65	88.06	1.13	0.013
GpAnR-1155	<0.01	20.50	45.80	97.95	0.36	0.010
GpAnR-1156	0.01	19.78	44.11	94.51	0.21	0.021
GpAnR-1157	0.04	20.75	46.40	99.14	0.43	0.009
GpAnR-1158	<0.01	20.87	46.54	99.72	0.22	0.008
GpAnR-1159	0.02	2.58	57.30	12.33	87.68	0.008
GpAnR-1160	0.04	2.39	57.05	11.42	87.97	0.013
GpAnR-1161	0.03	0.98	57.62	4.68	94.27	0.009
GpAnR-1162	0.07	20.71	46.18	98.95	0.21	0.007
GpAnR-1163	0.18	2.55	56.72	12.18	86.80	0.013
GpAnR-1164	0.03	1.32	56.68	6.31	91.39	0.011
GpAnR-1165	0.06	2.77	55.36	13.24	83.66	0.020
GpAnR-1166	0.12	2.89	55.30	13.81	83.10	0.010
GpAnR-1167	0.39	3.78	54.77	18.06	78.84	0.023
GpAnR-1168	0.10	2.92	55.16	13.95	82.75	0.008
GpAnR-1169	0.07	5.17	53.98	24.70	72.24	0.018
GpAnR-1170	0.23	4.40	54.61	21.02	76.22	0.029
GpAnR-1171	0.08	20.62	45.99	98.52	0.23	0.008
GpAnR-1172	<0.01	20.63	46.30	98.57	0.71	0.005
GpAnR-1173	0.02	20.33	45.34	97.14	0.22	0.007
GpAnR-1174	<0.01	20.29	45.56	96.95	0.74	0.008
GpAnR-1175	0.07	20.83	46.72	99.53	0.67	0.010
GpAnR-1176	0.17	18.58	46.81	88.78	9.33	0.010
GpAnR-1177	0.02	17.40	40.69	83.14	3.39	0.015
GpAnR-1178	<0.01	20.28	45.58	96.90	0.81	0.025
GpAnR-1179	0.14	20.55	46.12	98.19	0.71	0.025
GpAnR-1180	0.06	20.68	46.21	98.81	0.31	0.018
GpAnR-1181	0.16	20.19	45.95	96.47	1.78	0.009



GpAnR-249	0.02	7.45	54.48	35.60	64.47	0.017
GpAnR-250	<0.01	20.43	46.45	97.62	1.73	0.045
GpAnR-251	<0.01	5.71	53.24	27.28	68.94	0.001
<b>Occurrence 0053</b>						
GpAnR-238	<0.01	20.71	46.87	98.95	1.38	0.073
GpAnR-239	0.04	20.54	45.75	98.14	0.12	0.094
GpAnR-240	<0.01	20.38	45.83	97.38	0.86	0.036
GpAnR-241	<0.01	20.07	44.95	95.90	0.54	0.034
GpAnR-242	0.02	20.35	45.62	97.23	0.62	0.100
GpAnR-243	0.02	20.33	45.38	97.14	0.28	0.019
GpAnR-244	0.03	19.68	44.33	94.03	0.96	0.026
GpAnR-245	0.01	20.48	44.82	97.85	0.47	0.044
<b>Occurrence 0055</b>						
GpAnR-252	<0.01	20.75	46.27	99.14	0.21	0.003
<b>Occurrence 0056</b>						
GpAnR-253	0.03	20.24	46.01	96.71	1.70	0.004
<b>Occurrence 0057</b>						
GpAnR-254	0.01	20.83	46.52	99.53	0.33	0.004
GpAnR-255	0.04	20.68	46.11	98.81	0.20	0.007
GpAnR-256	0.02	20.35	46.29	97.23	1.76	0.001
GpAnR-257	0.07	20.18	45.72	96.42	1.43	0.001
GpAnR-258	0.03	1.86	4.41	8.88	0.47	0.011
GpAnR-259	0.01	20.48	45.87	97.85	0.55	0.006
GpAnR-606	0.04	18.81	43.36	89.87	2.60	0.011
GpAnR-607	0.10	18.83	43.28	89.97	2.39	0.021
<b>Occurrence 0058</b>						
GpAnR-260	0.03	20.48	45.86	97.85	0.53	0.091
GpAnR-261	0.05	20.83	46.75	99.53	0.72	0.076
GpAnR-262	0.01	20.45	45.75	97.71	0.46	0.111
GpAnR-263	0.04	19.59	44.54	93.60	1.65	0.118
GpAnR-264	0.02	19.97	44.62	95.42	0.35	0.004
GpAnR-265	0.03	19.75	44.09	94.37	0.28	0.146
GpAnR-266	0.02	18.98	42.28	90.69	0.12	0.007
GpAnR-267	<0.01	20.84	46.43	99.57	0.14	0.024
GpAnR-268	0.03	19.26	43.17	92.02	0.57	0.094



GpAnR-291	0.06	13.92	50.93	66.51	33.96	0.011
GpAnR-292	0.04	7.39	54.43	35.31	64.61	0.016
<b>Occurrence 0067</b>						
GpAnR-293	0.04	19.26	43.00	92.02	0.28	0.011
GpAnR-294	0.05	17.71	39.49	84.62	0.18	0.017
<b>Occurrence 0068</b>						
GpAnR-313	0.01	20.33	45.85	97.14	1.08	0.004
GpAnR-314	<0.01	20.60	47.02	98.43	2.05	0.001
<b>Occurrence 0069</b>						
GpAnR-315	0.03	20.80	46.92	99.38	1.13	0.002
GpAnR-316	<0.01	20.83	46.66	99.53	0.57	0.004
GpAnR-317	<0.01	20.16	45.24	96.33	0.69	0.007
<b>Occurrence 0070</b>						
GpAnR-318	0.01	20.81	46.63	99.43	0.60	0.010
GpAnR-319	<0.01	20.82	46.43	99.38	0.22	0.007
GpAnR-320	<0.01	20.21	45.50	96.56	0.94	0.015
<b>Occurrence 0071</b>						
GpAnR-322	<0.01	20.54	45.87	98.14	0.32	0.005
<b>Occurrence 0072</b>						
GpAnR-323	<0.01	19.74	44.08	94.32	0.31	0.005
<b>Occurrence 0073</b>						
GpAnR-324	<0.01	20.82	46.66	99.48	0.61	0.004
GpAnR-325	<0.01	20.82	46.86	99.48	0.95	0.004
<b>Occurrence 0074</b>						
GpAnR-326	<0.01	20.90	46.79	99.86	0.53	0.005
<b>Occurrence 0075</b>						
GpAnR-335	0.11	20.80	46.83	99.38	0.97	0.005



<b>Occurrence 0081</b>									
GpAnR-361	<0.01	20.70	46.31	98.91	0.47	0.043			
<b>Occurrence 0082</b>									
GpAnR-362	<0.01	20.85	46.67	99.62	0.51	0.062			
GpAnR-363	<0.01	20.81	46.56	99.43	0.48	0.010			
GpAnR-364	<0.01	19.92	45.42	95.18	1.90	0.009			
<b>Occurrence 0083</b>									
GpAnR-367	<0.01	18.43	41.10	88.06	0.19	0.017			
GpAnR-369	0.10	20.87	46.46	99.72	0.08	0.022			
GpAnR-384	<0.01	20.80	46.79	99.38	0.90	0.008			
GpAnR-396	<0.01	9.91	53.38	47.35	53.29	0.011			
GpAnR-397	<0.01	20.65	46.24	98.67	0.54	0.018			
GpAnR-398	<0.01	20.85	46.48	99.62	0.19	0.013			
GpAnR-399	<0.01	4.59	56.11	21.93	78.05	0.021			
GpAnR-400	<0.01	20.60	46.19	98.43	0.64	0.014			
GpAnR-402	0.03	19.85	44.52	94.84	0.64	0.018			
<b>Occurrence 0084</b>									
GpAnR-370	0.08	20.77	46.31	99.24	0.20	0.229			
GpAnR-371	0.04	20.84	46.50	99.57	0.26	0.079			
GpAnR-372	0.08	8.87	19.80	42.38	0.13	0.024			
GpAnR-373	0.08	3.13	54.61	14.96	81.02	0.046			
GpAnR-374	0.06	12.91	47.95	61.68	32.71	0.051			
GpAnR-375	0.03	20.78	46.63	99.29	0.71	0.012			
GpAnR-376	<0.01	20.84	46.64	99.57	0.50	0.120			
GpAnR-377	0.08	20.48	46.06	97.85	0.87	0.069			
GpAnR-378	0.01	20.46	45.78	97.76	0.47	0.008			
GpAnR-379	0.02	19.65	44.65	93.89	1.61	0.007			
GpAnR-380	<0.01	18.94	47.00	90.50	8.30	0.007			
GpAnR-381	0.03	1.61	57.97	7.69	92.48	0.057			
<b>Occurrence 0085</b>									
GpAnR-382	0.02	20.79	46.41	99.34	0.30	0.004			
GpAnR-383	0.01	13.79	50.56	65.89	33.82	0.040			
GpAnR-385	0.04	20.35	45.67	97.23	0.70	0.005			
GpAnR-386	<0.01	20.78	47.42	99.29	0.35	0.007			
GpAnR-387	0.04	19.84	44.30	94.80	0.30	0.230			
GpAnR-388	<0.01	20.42	45.89	97.57	0.81	0.043			



GpAnR-1227	<0.01	0.40	54.85	1.91	82.61	0.018
GpAnR-1228	<0.01	0.61	57.33	2.92	95.18	0.016
GpAnR-1229	<0.01	0.41	56.74	1.96	94.93	0.015
GpAnR-1230	0.05	0.41	46.67	1.96	77.81	0.017
GpAnR-1231	0.04	0.39	54.64	1.86	91.44	0.012
GpAnR-1232	<0.01	0.50	51.50	2.39	85.85	0.015
GpAnR-1233	<0.01	0.63	41.76	3.01	68.63	0.020
GpAnR-1234	0.05	0.90	58.22	4.30	95.59	0.005
GpAnR-1235	0.08	0.59	54.26	2.82	90.03	0.010
GpAnR-1236	0.08	0.59	50.16	2.82	83.06	0.013
GpAnR-1237	<0.01	1.12	55.47	5.35	90.09	0.007
GpAnR-1238	<0.01	1.18	41.21	5.64	65.61	0.010
GpAnR-1239	0.01	20.52	46.27	98.04	1.08	0.007
GpAnR-1240	0.23	20.63	46.44	98.57	0.95	0.007
GpAnR-1241	0.29	20.62	46.83	98.52	1.65	0.004
GpAnR-1242	0.26	20.63	46.76	98.57	1.50	0.004
GpAnR-1243	<0.01	2.10	49.43	10.03	76.11	0.007
GpAnR-1244	<0.01	3.09	55.51	14.76	82.70	0.007
GpAnR-1245	<0.01	0.69	56.57	3.30	93.58	0.011
GpAnR-1246	<0.01	0.80	58.08	3.82	95.73	0.009
GpAnR-1247	<0.01	0.80	58.65	3.82	96.70	0.006
GpAnR-1248	0.03	2.67	55.27	12.76	83.88	0.011
GpAnR-1249	<0.01	0.52	56.29	2.49	93.75	0.008
GpAnR-1250	<0.01	0.55	57.88	2.63	96.34	0.010
GpAnR-1251	0.04	0.55	49.81	2.63	82.62	0.014
GpAnR-1252	<0.01	0.71	54.22	3.39	89.51	0.012
GpAnR-1253	<0.01	0.38	57.10	1.82	95.66	0.010
GpAnR-1254	<0.01	0.42	54.95	2.01	91.85	0.014
GpAnR-1255	<0.01	0.46	57.60	2.20	96.20	0.013
GpAnR-1256	<0.01	0.39	57.17	1.86	95.74	0.010
GpAnR-1257	<0.01	0.92	53.79	4.40	87.99	0.010
GpAnR-1258	<0.01	0.80	55.32	3.82	91.04	0.008
GpAnR-1259	0.01	0.77	56.25	3.68	92.74	0.009
GpAnR-1260	<0.01	0.78	56.81	3.73	93.65	0.010
GpAnR-1261	<0.01	0.79	57.55	3.78	94.87	0.010
GpAnR-1262	0.04	0.75	57.06	3.58	94.19	0.010
GpAnR-1263	0.11	0.62	55.65	2.96	92.28	0.010
GpAnR-1264	0.09	0.72	57.44	3.44	94.95	0.013
GpAnR-1265	0.11	0.74	57.36	3.54	94.74	0.011
GpAnR-1266	<0.01	0.76	55.51	3.63	91.52	0.010
GpAnR-1267	0.03	0.77	56.99	3.68	93.99	0.012



GpAnR-1306	<0.01	0.69	57.57	3.30	95.28	0.008
GpAnR-1307	<0.01	1.53	47.96	7.31	75.77	0.011
GpAnR-1308	0.08	6.64	47.55	31.73	55.74	0.009
<b>Occurrence 0088</b>						
GpAnR-613	0.09	20.02	45.78	95.66	2.14	0.011
GpAnR-614	0.05	5.59	53.83	26.71	70.39	0.009
GpAnR-615	0.11	19.93	45.77	95.23	2.46	0.012
<b>Occurrence 0089</b>						
GpAnR-616	0.05	20.14	45.85	96.23	1.80	0.013
GpAnR-617	0.08	20.18	46.21	96.42	2.26	0.007
GpAnR-618	0.10	12.62	51.18	60.30	39.30	0.017
<b>Occurrence 0091</b>						
GpAnR-405	0.07	20.03	45.40	95.70	1.45	0.016
<b>Occurrence 0092</b>						
GpAnR-406	0.03	20.34	46.26	97.19	1.74	0.006
GpAnR-407	<0.01	6.12	55.30	29.24	70.89	0.007
GpAnR-408	0.04	19.38	47.97	92.60	8.28	0.018
<b>Occurrence 0093</b>						
GpAnR-417	<0.01	17.59	39.44	84.05	0.55	0.290
GpAnR-418	<0.01	20.55	46.01	98.19	0.52	0.109
GpAnR-419	<0.01	20.66	46.62	98.71	1.15	0.032
GpAnR-420	<0.01	20.71	46.43	98.95	0.63	0.150
GpAnR-421	<0.01	20.76	46.45	99.19	0.48	0.105
<b>Occurrence 0094</b>						
GpAnR-422	<0.01	19.30	43.06	92.22	0.23	0.008
GpAnR-423	<0.01	19.83	44.86	94.75	1.29	0.150
GpAnR-424	<0.01	16.36	48.01	78.17	19.77	0.067
GpAnR-425	0.02	14.93	34.26	71.34	1.80	0.033
GpAnR-426	0.04	19.56	44.20	93.46	1.19	0.037
GpAnR-427	0.03	14.71	44.60	70.28	20.21	0.026



<b>Occurrence 0103</b>									
GpAnR-452	0.10	17.26	47.47	82.47	15.45	0.006			
GpAnR-453	0.16	20.32	45.70	97.09	0.87	0.004			
<b>Occurrence 0104</b>									
GpAnR-454	0.11	10.42	50.10	49.79	45.79	0.217			
GpAnR-455	0.06	19.71	44.61	94.17	1.32	0.065			
GpAnR-456	0.09	20.40	45.86	97.47	0.84	0.011			
<b>Occurrence 0105</b>									
GpAnR-457	0.072	0.83	46.70	99.53	0.64	0.012			
GpAnR-458	0.121	9.19	43.56	91.69	1.50	0.010			
GpAnR-459	0.102	0.49	46.35	97.90	1.33	0.008			
GpAnR-460	0.092	0.68	46.37	98.81	0.64	0.010			
<b>Occurrence 0106</b>									
GpAnR-461	0.06	19.73	44.91	94.27	1.75	0.007			
GpAnR-462	0.08	19.95	44.50	95.32	0.23	0.010			
GpAnR-463	0.04	20.39	45.64	97.42	0.50	0.005			
GpAnR-464	0.12	20.81	46.38	99.43	0.17	0.008			
GpAnR-465	0.11	20.89	46.47	99.81	0.04	0.008			
GpAnR-466	0.11	20.67	46.40	98.76	0.73	0.007			
GpAnR-467	0.11	18.94	42.98	90.50	2.65	0.007			
GpAnR-468	0.09	20.14	45.53	96.23	1.26	0.007			
GpAnR-469	0.06	19.79	44.22	94.56	0.35	0.016			
GpAnR-470	0.03	19.82	45.09	94.70	1.72	0.005			
<b>Occurrence 0113</b>									
GpAnR-543	0.09	19.75	45.02	94.37	1.87	0.006			
<b>Occurrence 0115</b>									
GpAnR-470A	<0.01	13.21	50.67	63.12	36.20	0.003			
GpAnR-471	0.07	5.52	54.83	26.38	72.36	0.006			
GpAnR-519	0.05	20.32	46.22	97.09	1.75	0.011			
GpAnR-520	0.04	2.94	55.29	14.05	82.90	0.016			
GpAnR-521	<0.01	20.19	45.17	96.47	0.46	0.014			
GpAnR-522	0.05	16.43	46.72	78.50	17.31	0.008			



GpAnR-491	<0.01	10.83	52.08	51.75	47.60	0.008
GpAnR-492	<0.01	20.14	45.96	96.23	1.99	0.005
GpAnR-493	0.01	7.58	53.57	36.22	62.43	0.003
GpAnR-494	0.03	20.09	45.82	95.99	1.94	0.002
GpAnR-495	<0.01	18.44	42.52	88.11	2.57	0.005
GpAnR-496	<0.01	19.56	44.72	93.46	2.07	0.005
GpAnR-602	<0.01	19.68	44.94	94.03	1.99	0.007
GpAnR-603	0.07	20.29	46.50	96.95	2.35	0.006
GpAnR-604	0.06	20.48	46.52	97.85	1.66	0.007
GpAnR-605	0.05	20.17	46.37	96.37	2.57	0.008
<b>Occurrence 0125</b>						
GpAnR-497	<0.01	19.93	46.37	95.23	3.48	0.006
GpAnR-498	0.04	5.31	55.35	25.37	74.04	0.006
GpAnR-501	<0.01	20.57	47.08	98.28	2.27	0.003
GpAnR-502	0.02	20.48	46.64	97.85	1.86	0.002
<b>Occurrence 0126</b>						
GpAnR-503	0.01	20.44	46.67	97.66	2.06	0.007
GpAnR-504	<0.01	20.44	46.71	97.66	2.13	0.006
<b>Occurrence 0127</b>						
GpAnR-506	0.062	0.49	46.60	97.90	1.75	0.005
GpAnR-507	0.062	0.64	46.79	98.62	1.51	0.008
GpAnR-508	0.042	0.63	46.96	98.57	1.84	0.013
<b>Occurrence 0129</b>						
GpAnR-499	<0.01	15.77	49.11	75.35	23.87	0.008
GpAnR-500	0.03	20.42	46.39	97.57	1.66	0.005
<b>Occurrence 0132</b>						
GpAnR-505	0.08	20.24	45.93	96.71	1.56	0.013
<b>Occurrence 0135</b>						
GpAnR-612	<0.01	20.12	46.21	96.13	2.49	0.008
<b>Occurrence 0138</b>						
GpAnR-548	0.07	20.72	46.65	99.00	0.97	0.012



**Occurrence 0146**

GpAnR-509	0.05	20.53	46.71	98.09	1.79	0.014
GpAnR-523	0.17	17.98	41.26	85.91	2.17	0.110
GpAnR-524	0.12	20.13	46.07	96.18	2.21	0.140
GpAnR-525	0.04	20.34	45.97	97.18	1.25	0.005
GpAnR-526A	0.12	19.49	43.51	93.12	0.28	0.110
GpAnR-528	0.01	19.26	43.59	92.02	1.29	0.004
GpAnR-529	0.03	20.48	46.21	97.85	1.13	0.014
GpAnR-546	0.20	20.60	45.90	98.43	0.15	0.061
GpAnR-547	0.09	20.25	45.68	96.75	1.10	0.067
GpAnR-567	0.19	19.91	44.98	95.13	1.19	0.030
GpAnR-568	<0.01	16.72	37.66	79.89	0.81	0.014
GpAnR-569	<0.01	19.78	45.00	94.51	1.72	0.012
GpAnR-581	0.03	19.59	44.98	93.60	2.40	0.004
GpAnR-582	0.24	19.73	44.10	94.27	0.38	0.014

**Occurrence 0147**

GpAnR-530	0.04	19.25	43.60	91.98	1.34	0.063
GpAnR-531	0.05	19.62	43.98	93.74	0.59	0.031
GpAnR-532	0.05	20.28	45.53	96.90	0.73	0.019
GpAnR-533	0.08	19.86	44.89	94.89	1.23	0.013
GpAnR-534	0.09	19.36	44.35	92.50	2.20	0.079
GpAnR-535	0.02	20.23	45.60	96.66	1.04	0.090
GpAnR-536	0.56	20.40	45.49	97.47	0.21	0.210
GpAnR-537	0.05	20.14	45.48	96.23	1.17	0.029
GpAnR-538	0.05	20.31	46.32	97.04	1.96	0.061
GpAnR-539	0.08	1.39	57.58	6.64	92.65	0.051
GpAnR-540	0.05	19.60	44.36	93.65	1.31	0.078
GpAnR-541	0.07	19.46	44.33	92.98	1.79	0.052
GpAnR-542	0.10	1.865	3.77	8.89	84.40	0.120

**Occurrence 0148**

GpAnR-587	<0.01	11.96	50.41	57.14	40.49	0.004
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**Occurrence 0149**

GpAnR-526	0.01	20.52	46.50	98.04	1.47	0.011
GpAnR-527	0.01	20.55	46.21	98.19	0.86	0.011



GpAnR-591	<0.01	20.43	46.47	97.61	1.76	0.007
GpAnR-592	0.10	20.56	46.48	98.24	1.28	0.006
GpAnR-597	0.02	20.36	46.39	97.28	1.89	0.010
GpAnR-598	<0.01	19.93	46.12	95.23	3.06	0.009
GpAnR-599	0.05	20.39	46.48	97.42	1.93	0.008
<b>Occurrence 0178</b>						
GpAnR-611	0.03	20.08	46.01	95.94	2.30	0.010

