

ANVIL RANGE MINING CORPORATION  
 Ultimate Grum Pit - Material Categorization

TOP SURFACE GRID RECORD : Merged Nov/94 Survey ME Corrected JV 94/12/13  
 BOTTOM SURFACE GRID RECORD : 11 | VINTILA STAGE 3 PIT

ROCK TYPE	VOLUME(000)	DENSITY	TONNES(000)	%Pb+Zn	%Pb	%Zn	Ag (g/t)	Au (g/t)	
ORE MATERIAL	2	5211.09	3.051	15899.93	5.784	2.068	3.715	35.52	0.619
	3	136.75	3.447	471.36	6.045	2.54	3.504	41.41	0.878
	5	159.68	3.952	631.02	12.38	4.334	8.046	72.06	0.971
	7	1514.96	4.102	6213.81	10.297	4.056	6.241	67.12	1.007
	12	9.36	3.113	29.13	5.348	2.767	2.581	43.73	0
	15	321.03	3.728	1196.82	8.784	3.741	5.042	59.25	0.714
SUBTOTAL ORE	7352.87	3.324	24442.07	7.253	2.724	4.529	45.78	0.736	
SULPHIDE WASTE MATERIAL	2	935.23	3.154	2950.15	1.908	0.679	1.228	15.12	0.53
	3	158.28	3.529	558.55	1.732	0.717	1.015	16.45	0.765
	5	9.11	3.587	32.69	2.048	0.837	1.211	17.18	0.682
	7	13.47	4.049	54.54	1.602	0.662	0.941	17.56	0.623
	12	1.04	3.173	3.3	0	0	0	0	0
	15	20	3.827	76.54	1.895	0.959	0.935	17.42	0.256
	20	8901.69	2.7	24034.39	0	0	0	0	0
	30	7580.76	2.7	20467.98	0	0	0	0	0
	56	737.42	2.849	2100.9	0	0	0	0	0
SUBTOTAL SULPHIDE BEARING WASTE	18357	2.739	50279.04	0.137	0.051	0.087	1.13	0.041	
INERT ROCK	77	7915.59	2.7	21371.99	0	0	0	0	0
	40	24737.95	2.7	66793.63	0	0	0	0	0
	48	946.47	2.7	2555.47	0	0	0	0	0
SUBTOTAL INERT ROCK	33600.01	2.700	90721.09	0.000	0.000	0.000	0.00	0.000	
SUBTOTAL TILL	82	5394.12	2.2	11866.91	0	0	0	0	0
TOTAL	64704	2.74	177309						

003309

1252 BENCH CATEGORY	CUT-OFF [%Pb+Zn]	GRADES [%Pb+Zn]	ROCK-TYPE /obex	VOLUME [bcm]	DENSITY [tn/bcm]	TONNAGE (tn X 1000)	[%Pb+Zn]
ORE	3	100	2	56.56	2.894	163.71	5.228
ORE	3	100	15	3.47	3.823	13.25	11.936
SULPHIDE WASTE	0	9999	2	0.69	2.926	2.03	2.862
OVERBURDEN	0	9999	82	889.4	2.2	1956.64	0
ROCK	0	9999	77	17.67	2.7	47.72	0
ROCK	0	9999	40	445.34	2.7	1202.42	0
ROCK	0	9999	48	52.16	2.7	140.82	0
A ROCK	0	9999	20	32.8	2.7	88.55	0
A ROCK	0	9999	30	182.17	2.7	491.87	0
TOTAL				1680.27	2.444	4107.01	0.248

Task 1  
176.26  
5.73  
9.14

667  
1314

1246 BENCH CATEGORY	CUT-OFF [%Pb+Zn]	GRADES [%Pb+Zn]	ROCK-TYPE	VOLUME [bcm]	DENSITY [tn/bcm]	TONNAGE (tn X 1000)	[%Pb+Zn]
ORE	3	100	2	72.75	2.926	212.9	6.137
ORE	3	100	15	5.89	3.727	21.96	12.018
SULPHIDE WASTE	0	9999	2	1.04	2.935	3.05	2.853
SULPHIDE WASTE	0	9999	15	0.69	3.793	2.63	0
OVERBURDEN	0	9999	82	781.94	2.2	1720.22	0
ROCK	0	9999	77	0.12	2.7	0.31	0
ROCK	0	9999	40	445.97	2.7	1204.11	0
ROCK	0	9999	48	45.79	2.7	123.62	0
A ROCK	0	9999	20	177.6	2.7	479.52	0
A ROCK	0	9999	30	135.17	2.7	364.97	0
TOTAL				1666.97	2.48	4133.3	0.382

1240 BENCH CATEGORY	CUT-OFF [%Pb+Zn]	GRADES [%Pb+Zn]	ROCK-TYPE	VOLUME [bcm]	DENSITY [tn/bcm]	TONNAGE (tn X 1000)	[%Pb+Zn]
ORE	3	100	5	0.69	3.646	2.53	22.352
ORE	3	100	2	70.5	2.961	208.74	6.195
ORE	3	100	7	0.69	4.199	2.91	7.187
ORE	3	100	15	5.89	3.761	22.16	10.646
SULPHIDE WASTE	0	9999	2	1.04	2.972	3.09	2.584
OVERBURDEN	0	9999	82	570.27	2.2	1254.58	0
ROCK	0	9999	40	384.34	2.7	1037.69	0
ROCK	0	9999	48	35.57	2.7	96.05	0
A ROCK	0	9999	20	110.48	2.7	298.29	0
A ROCK	0	9999	30	253.87	2.7	685.44	0
SULPHIDE WASTE	0	9999	56	3.47	2.849	9.87	0
TOTAL				1436.81	2.52	3621.35	0.446

ANVIL RANGE MINING CORPORATION

Grum Mine Development - Material Categorization/Quantification

1276 BENCH CATEGORY	CUT-OFF [%Pb+Zn]	GRADES [%Pb+Zn]	ROCK-TYPE	VOLUME [bcm]	DENSITY [tn/bcm]	TONNAGE (tn X 1000)	GRADE [%Pb+Zn]
ORE	3	100	2	1.65	2.972	4.89	4.079
OVERBURDEN	0	9999	82	102.06	2.2	224.52	0
ROCK	0	9999	77	10.54	2.7	28.45	0
ROCK	0	9999	40	11.29	2.7	30.49	0
ROCK	0	9999	48	1.35	2.7	3.65	0
A ROCK	0	9999	30	6.35	2.7	17.15	0
TOTAL				133.23	2.32	309.15	0.065

1270 BENCH CATEGORY	CUT-OFF [%Pb+Zn]	GRADES [%Pb+Zn]	ROCK-TYPE	VOLUME [bcm]	DENSITY [tn/bcm]	TONNAGE (tn X 1000)	GRADE [%Pb+Zn]
ORE	3	100	2	6.86	2.959	20.28	4.333
OVERBURDEN	0	9999	82	609.08	2.2	1339.98	0
ROCK	0	9999	77	72.29	2.7	195.19	0
ROCK	0	9999	40	31.28	2.7	84.46	0
ROCK	0	9999	48	12.17	2.7	32.86	0
A ROCK	0	9999	20	4.16	2.7	11.23	0
A ROCK	0	9999	30	5.28	2.7	14.25	0
TOTAL				741.12	2.29	1698.25	0.05

1264 BENCH CATEGORY	CUT-OFF [%Pb+Zn]	GRADES [%Pb+Zn]	ROCK-TYPE	VOLUME [bcm]	DENSITY [tn/bcm]	TONNAGE (tn X 1000)	GRADE [%Pb+Zn]
ORE	3	100	2	8.26	2.919	24.11	4.424
OVERBURDEN	0	9999	82	516.65	2.2	1136.62	0
ROCK	0	9999	77	1.81	2.7	4.9	0
ROCK	0	9999	40	123.91	2.7	334.55	0
ROCK	0	9999	48	39.6	2.7	106.92	0
A ROCK	0	9999	20	32.23	2.7	87.02	0
A ROCK	0	9999	30	117.68	2.7	317.75	0
TOTAL				840.14	2.395	2011.87	0.053

1258 BENCH CATEGORY	CUT-OFF [%Pb+Zn]	GRADES [%Pb+Zn]	ROCK-TYPE	VOLUME [bcm]	DENSITY [tn/bcm]	TONNAGE (tn X 1000)	GRADE [%Pb+Zn]
ORE	3	100	2	29.38	2.874	84.45	4.406
SULPHIDE WASTE	0	9999	2	0.33	2.922	0.96	2.973
OVERBURDEN	0	9999	82	862.44	2.2	1897.31	0
ROCK	0	9999	77	3.43	2.7	9.26	0
ROCK	0	9999	40	215.21	2.7	581.07	0
ROCK	0	9999	48	56.1	2.7	151.46	0
A ROCK	0	9999	20	17.61	2.7	47.55	0
A ROCK	0	9999	30	148.31	2.7	400.44	0
TOTAL				1332.81	2.38	3172.5	0.118