

DEPTH OF OVERBURDEN (m)

Hole Designation (DDH Vs. DDH)	<u>original depth</u>	<u>redrill depth</u>	Δ <u>redrill - original</u>
018	24.1	31.1	7
026	30.8	30.2	-0.6
033	19.8	22.3	2.5
047	27.4	33.7	6.3
053	39.6	56.6	17
063	30.5	28.7	-1.8
094	23.2	25.1	1.9
115	8.23	22.4	14.2
119	15.9	20.7	4.8
126	16.8	25.9	9.1
av.	23.6	30.0	6.4

DEPTH OF OVERBURDEN (m)

hole Designation		DDH depth	RDH depth	
DDH	RDH			
098	81-VR-02	16.2	10.7	
043	81-VR-06			
044	81-VR-08	18.0	19.8	
109	81-VR-11	7.0	9.1	
099	81-VR-23	9.1	7.6	
091	81-VR-24	9.1 ~~9.1~~	10.7 ~~10.7~~	
055	81-VR-32 and 055-R	8.2	12.2	redrill 8.5

OLD KERR-ADDISON VS NEW
CYPRUS ANVIL ROTARY HOLES AT SAME SITE

DDH VS VR (rotary holes)

098	VR-02
044	VR-08
109	VR-11
091	VR-24
099	VR-23
043	VR-06
055 + 055R	VR-32

DDH	FROM	TO	LENGTH	AVERAGE Pb %	AVERAGE Zn %	ASSAY FOOTAGE Pb (%·m)	ASSAY FOOTAGE Zn (%·m)
098	30.4	32.3	1.9 m	2.54	3.54	4.83	6.73
81-VR-02	30.5	32.0	1.5 m	4.20	4.60	6.30	6.90
098	36.3	40.5	3.7 m	3.84	8.33	14.21	30.8
81-VR-02	36.6	39.6	3.0 m	1.26	2.30	3.78	6.9
098	40.5	50.0	9.5 m	1.51	2.25	14.35	21.4
81-VR-02	39.6	50.3	10.7 m	2.25	2.71	24.1	29.0
098	36.8	50.0	13.2 m	2.6	3.95	28.5	52.2
81-VR-02	36.6	50.3	13.7 m	2.03	2.62	27.9	35.9

DDH	FROM	TO	LENGTH	AVERAGE Pb %	AVERAGE Zn %	ASSAY FOOTAGE Pb (%·m)	ASSAY FOOTAGE Zn (%·m)
044	18.0	27.1	9.1 m	1.45	2.03	13.2	18.47
VR-08	19.8	27.4	7.6 m	1.16	1.01	8.82	7.68
044	27.1	36.3	9.2 m	0.01	0.083	0.092	0.764
VR-08	27.4	36.6	9.2 m	0.23	0.27	2.12	2.48
044	36.3	42.4	6.1 m	0.63	1.75	3.84	10.1
VR-08	36.6	42.7	6.1 m	2.18	3.49	13.08	21.3
044	18.0	42.4	24.4 m	0.702	1.23	17.13	29.9
VR-08	19.8	42.7	22.9 m	1.05	1.37	24.02	31.5

DDH	FROM	TO	LENGTH	AVERAGE Pb %	AVERAGE Zn %	ASSAY FOOTAGE Pb (%·m)	ASSAY FOOTAGE Zn (%·m)
109	7.0	10.7	3.7 m	2.07	6.66	7.66	24.6
VR-11	9.1	10.7	1.6 m	2.46	2.6	3.94	4.16
109	10.7	21.3	10.6 m	3.92	7.19	41.6	76.2
VR-11	10.7	21.3	10.6 m	2.88	3.67	30.5	38.9
109	7.0	21.3	14.3 m	3.44	7.05	49.3	100.8
VR-11	9.1	21.3	12.2 m	2.82	3.53	34.4	43.1

DDH	FROM	TO	LENGTH	AVERAGE Pb%	AVERAGE Zn%	ASSAY FOOTAGE Pb(%·m)	ASSAY FOOTAGE Zn (%·m)
099	9.1	13.7	4.6 m	2.23	2.26	10.3	10.4
VR-23	7.6	13.7	6.1 m	1.89	2.15	11.5	13.1
099	16.8	22.6	5.8 m	2.17	2.91	12.59	16.9
VR-23	16.8	25.9	9.1 m	2.75	2.5	25.0	22.8
099	9.1	22.6	13.5 m	1.75	2.24	26.4	30.26
VR-23	7.6	25.9	18.3 m	2.09	2.03	38.3	37.2

DDH	FROM	TO	LENGTH	AVERAGE Pb %	AVERAGE Zn %	ASSAY FOOTAGE Pb (%·m)	ASSAY FOOTAGE Zn (%·m)
091	12.2	22.9	10.7 m	3.1	5.42	33.2	58.0
VR-24	12.2	22.9	10.7 m	2.67	3.31	28.6	35.4
091	22.9	32.0	9.1 m	1.40	2.4	12.74	21.84
VR-24	22.9	30.5	7.6 m	0.45	0.984	3.42	7.48
091	12.2	32.0	19.8 m	2.32	4.03	45.9	79.8
VR-24	12.2	30.5	18.3 m	1.75	2.34	32.0	42.9

DDH	FROM	TO	LENGTH	AVERAGE Pb%	AVERAGE Zn%	ASSAY FOOTAGE Pb(%·m)	ASSAY FOOTAGE Zn (%·m)
055	8.2	11.6	3.4 m	0.34	0.3	1.16	1.02
055-R	8.5	12.2	3.7 m	0.99	2.51	3.66	9.29
055	16.2	17.7	1.5 m	12.33	7.9	18.5	11.9
055-R	16.5	18.0	1.5 m	5.06	6.19	7.59	9.29
VR-32	13.7	15.2	1.5 m	6.1	8.91	9.8	13.65
055	19.2	29.9	10.7 m	0.124	0.64	1.33	6.57
055-R	19.5	29.8	10.3 m	0.21	0.689	2.16	7.10
VR-32	18.3	30.5	12.2 m	0.361	0.859	4.4	10.48

KERR ADDISON VS. CYPRUS ANVIL DIAMOND DRILLING AT VANGORDA

COMPARISON OF SELECTED INTERVALS

DDH	FROM	TO	LENGTH	AVERAGE Pb %	AVERAGE Zn %	ASSAY FOOTAGE Pb (%m)	ASSAY FOOTAGE Zn (%m)
018	31.4	34.4	3.0	6.28	5.1	18.84	15.3
018-R	31.1	34.1	3.0	4.26	5.26	12.78	15.78
018	34.4	48.2	13.9	0.119	0.254	1.642	3.51
018-R	34.1	47.9	13.8	0.312	2.329	4.31	4.54
018	48.2	60.4	12.2	1.54	1.84	18.8	22.5
018-R	47.9	60.7	12.8	1.51	1.33	19.3	17.02
018	60.4	72.5	12.1	0.414	0.424	5.01	5.13
018-R	60.7	72.2	11.5	0.47	0.20	1.69	2.3
018	31.4	72.5	41.1	1.08	1.13	44.4	46.4
018-R	31.1	72.2	41.1	0.927	0.965	38.1	39.7

DDH	FROM	TO	LENGTH	AVERAGE Pb %	AVERAGE Zn %	ASSAY FOOTAGE Pb (%·m)	ASSAY FOOTAGE Zn (%·m)
026	73.2	88.4	15.2 m	1.15	2.25	17.48	34.2
026-R	72.4	88.7	16.3 m	0.925	0.99	15.08	16.1
026	32.6	88.4	55.8 m	1.16	2.09	64.8	116.6
026-R	30.2	88.7	58.5 m	1.98	2.56	116.0	149.9

DDH	FROM	TO	LENGTH	AVERAGE Pb %	AVERAGE Zn %	ASSAY FOOTAGE Pb (%·m)	ASSAY FOOTAGE Zn (%·m)
033	22.9	59.4	36.5 m	3.04	6.04	110.9	220.5
033-R	22.3	63.2	40.9 m	3.83	5.23	156.6	213.9
033	59.4	80.8	22.9 m	0.526	0.169	12.05	3.87
033-R	63.2	82.3	19.1 m	0.278	0.244	5.32	4.67
033	80.8	91.4	10.6 m	1.97	5.02	20.9	53.2
033-R	82.3	95.1	12.8 m	2.29	3.01	29.4	38.6
033	91.4	102.7	11.3 m	0.604	0.971	6.83	10.97
033-R	95.1	103.0	7.9 m	0.463	0.424	3.66	3.35
033	22.9	91.4	68.5 m	2.1	4.05	143.8	277.6
033-R	22.3	95.1	72.8 m	2.63	3.53	191.5	256.8

DDH	FROM	TO	LENGTH	AVERAGE Pb%	AVERAGE Zn%	ASSAY FOOTAGE Pb(%·m)	ASSAY FOOTAGE Zn(%·m)
047	33.5	64.0	30.5 m	2.73	5.04	83.3	153.72
047-R	33.7	64.8	31.1 m	3.31	4.54	102.9	141.2
047	71.6	76.2	4.6 m	6.6	0.74	30.4	3.4
047-R	75.3	79.9	4.6 m	11.2	0.92	47.2	4.24
047	33.5	76.2	42.7 m	2.65	3.71	114.5	158.3
047-R	33.7	79.9	46.2 m	3.31	3.21	153.1	148.2
047	33.5	89.9	56.4 m	2.34	3.52	131.9	198.8
047-R	33.7	89.6	55.9 m	3.03	3.17	169.5	177.1

DDH	FROM	TO	LENGTH	AVERAGE Pb%	AVERAGE Zn%	ASSAY FOOTAGE Pb(%·m)	ASSAY FOOTAGE Zn(%·m)
053	62.2	63.7	1.5 m	8.01	12.68	27.02	19.02
053-R	61.3	62.1	0.8 "	22.2	17.6	17.76	14.08
053	77.1	78.1	1.0 m	2.79	4.13	2.79	4.13
053-R	75.5	78.2	2.7 m	1.01	1.25	2.72	3.37
053	90.3	97.8	7.5 m	2.63	6.94	19.73	52.1
053-R	90.7	98.6	7.9 m	3.22	5.32	25.4	42.0
053	102.5	103.7	1.1 m	3.07	9.36	3.32	10.3
053-R	101.5	103.8	2.3 m	2.40	9.16	14.7	21.1
053	140.0	143.4	3.4 m	0.48	0.36	1.632	1.22
053-R	139.7	149.4	9.7 m	0.72	0.956	6.97	9.27

DDH	FROM	TO	LENGTH	AVERAGE Pb%	AVERAGE Zn%	ASSAY FOOTAGE Pb(%·m)	ASSAY FOOTAGE Zn (%·m)
063	30.5	41.1	10.6 m	2.90	2.9	30.9	30.8
063-R	28.7	41.8	13.1 m	4.01	4.58	52.6	60.0
063	41.1	75.9	34.8 m	0.244	0.406	8.49	14.13
063-R	41.8	78.3	36.5 m	0.215	0.375	7.83	13.66
063	30.5	75.9	45.4	0.262	0.99	39.4	44.9
063-R	28.7	78.1	49.4	1.22	1.43	60.4	73.7

DDH	FROM	TO	LENGTH	AVERAGE Pb %	AVERAGE Zn %	ASSAY FOOTAGE Pb (%·m)	ASSAY FOOTAGE Zn (%·m)
094	23.2	35.4	12.2 m	3.02	5.43	36.8	66.2
094-R	25.1	36.1	11.0 m	4.71	5.60	51.8	61.6
094	45.4	59.1	13.7 m	1.25	5.90	17.13	80.8
094-R	45.0	58.8	13.8 m	3.36	5.18	46.3	71.5
094	66.8	74.4	7.6 m	1.65	2.07	12.57	15.73
094-R	67.4	75.0	7.6 m	2.25	1.66	17.13	12.62
094	45.4	74.4	29 m	1.20	3.80	34.7	110.2
094-R	45.0	75.0	30 m	2.54	3.30	76.3	99.1

DDH	FROM	TO	LENGTH	AVERAGE Pb %	AVERAGE Zn %	ASSAY FOOTAGE Pb (%·m)	ASSAY FOOTAGE Zn (%·m)
115	41.5	79.9 m	38.4	3.45	5.94	132.48	228.1
115-R	41.0	78.0 m	37.0	5.04	6.20	186.5	228.1
115	41.5	85.0 m	43.5 m	3.13	5.42	136.01	235.9
115-R	41.0	85.0 m	44.0 m	4.41	2.82	194.2	124.1

DDH	FROM	TO	LENGTH	AVERAGE Pb%	AVERAGE Zn%	ASSAY FOOTAGE Pb(%·m)	ASSAY FOOTAGE Zn (%·m)
119	54.0	77.2	23.2 m	3.6	4.74	83.5	110.0
119-R	53.8	77.4	23.6 m	4.07	4.21	96.2	99.5
119	77.2	82.3	5.1 m	0.353	0.857	1.80	4.37
119-R	77.4	82.4	5.0 m	0.533	0.765	2.66	3.83
119	54.0	82.3	28.3 m	3.6	4.04	85.3	114.4
119-R	53.8	82.4	28.6 m	3.46	3.61	96.9	103.3

DDH	FROM	TO	LENGTH	AVERAGE Pb %	AVERAGE Zn %	ASSAY FOOTAGE Pb (%·m)	ASSAY FOOTAGE Zn (%·m)
126	29.3	47.6	18.3 m	2.51	3.54	45.9	64.8
126-R	25.9	45.7	19.8 m	2.21	3.62	43.8	71.7
126	42.6	52.7	5.1 m	0.49	1.33	8.34	11.9
126-R	45.7	50.3	5.1	0.69E	1.94	3.56	9.92
126	29.3	52.7	23.4 m	2.32	3.28	54.2	76.7
126-R	25.9	50.8	24.9 m	1.90	3.28	47.4	81.6

DDH
HOLES DONE

18

26

33

47

53

63

94

115

119

126

DDH 018

depth of overburden 34.1 original
31.1 redrill

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/ton)	weighted Ag(g/ton m)	
31.4	34.4	3.0	6.28		5.1						original
31.1	34.1	3.0	4.26		5.26		0.082		61.8		redrill
34.4	48.2	13.8	0.119		0.254						original
34.1	47.9	13.8	0.312		0.329		0.338		10.3		redrill
48.2	60.4	12.2	1.54		1.84						original
47.9	60.7	12.8	1.51		1.33		0.233		23.2		redrill
60.4	72.5	12.1	0.414		0.424						original
60.7	72.2	11.5	0.147		0.20		0.562		7.04		redrill

Entire interval

31.4	72.5	41.1	1.08		1.3						
31.1	72.2	41.1	0.927		0.562		0.362		17.2		

average entire interval as well

$$31.4 - 72.5 / 31.1 - 72.2$$

DDH 033

depth of overburden: 19.8 original
22.3 redrill

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/ton)	weighted Ag(g/ton m)	
22.9	59.4	36.5 m	3.04	110.9	6.04	720.5					original
22.3	63.2	40.9 m	3.83	156.6	5.23	213.9	0.116	4.76	56.3	2302.0	redrill
59.4	80.8	22.9 m	0.526	12.05	0.169	3.87					original
63.2	82.3	19.1 m	0.278	5.32	0.244	4.67	0.29		9.2		redrill
80.8	91.4	10.6 m	1.97	20.88	5.02	53.2					original
82.3	95.1	12.8 m	2.29	29.4	3.01	38.6	0.14		26.6		redrill
91.4	102.7	11.3 m	0.604	6.83	0.971	10.92					original
95.1	103.0	7.9 m	0.463	3.66	0.424	3.35	0.174		8.44		redrill
22.9	91.4	68.5 m	2.1	143.8	4.05	277.6					original
22.3	95.1	72.8 m	2.63	191.5	3.53	256.8					redrill

22.3

average interval from Top to
91.4 (or 95.1) 95 well
22.9 - 91.4 / 22 - 95.1

DDH 047

depth of overburden : 27.4 m original
33.7 m redrill

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/ton)	weighted Ag(g/ton m)
33.5	64.0	30.5 m	2.73	83.3	5.04	153.72				
33.7	64.8	31.1 m	3.31	102.9	4.54	141.2	0.0794		51.7	
64.0	71.6	7.6 m	0.098	0.745	0.16	1.216				
64.8	75.3	10.5 m	0.287	3.01	0.266	2.79	0.318		9.86	
71.6	76.2	4.6 m	6.61	30.4	0.74	3.40				
75.3	79.9	4.6 m	10.35	47.2	0.92	4.24	0.41		89.2	
76.2	82.3	6.1 m	0.413	2.52	0.755	4.61				
79.9	84.7	4.8 m	0.624	2.99	0.671	3.22	0.17		7.31	
82.3	89.9	7.6 m	1.97	14.97	4.712	35.8				
84.7	89.6	4.9 m	2.65	12.99	5.24	25.7	0.081		40.4	
89.9	93.0	3.1 m	0.55	1.705	1.21	3.75				
89.6	93.3	3.7 m	0.615	2.28	1.12	4.14	0.25		10.22	
33.5	76.2	42.7 m	2.64	114.5	3.71	158.3				
33.7	79.9	46.2 m	3.31	152.1	3.21	146.2				
33.5	89.9	56.4 m	2.34	131.9	3.52	198.8				
33.7	89.6	55.9 m	3.03	169.5	3.17	177.1				

DDH 053

Depth of overburden:

39.6 m

original

56.6177

redrill

[illegible]

DDH 053 (cont)

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/tn)	weighted Ag(g/tn m)	
102.5	103.7	1.1 m	3.02	3.32	9.36	10.30					original
101.5 ²	103.8	2.3 m	6.40	14.7	9.16	21.1	0.18		110.2		redrill
103.7	133.2	29.5 m	—	—	—	—	—	—	—	—	original
103.8 ⁵	136.1	32.3 m	7.7×10^{-3}		1.1×10^{-2}		0.18		0.167		redrill
133.2	137.8	4.6 m	0.023	0.106	—	—					original
136.1 ¹	138.1	2.0 m	0.58	1.12	0.55	1.1	0.15		9.0		redrill
137.8	140	2.2 m	—	—	—	—	—	—	—	—	original
138.1	139.7	1.6 m	—	—	—	—	—	—	—	—	redrill
140.0 ²	143.4	3.4 m	0.48	1.632	0.36	1.224 ^E					
139.7	149.4	9.7 m	0.718	6.97	0.956	9.27	0.20		14.7		

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DDH 063

depth of overburden: 30.5 m original
26.7 m redrill

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/ton)	weighted Ag(g/ton m)	
30.48 ^P	41.1	10.62	2.91	30.9	2.9	30.8	0.15	1.5	48.2		original
28.7 ^S	41.8	13.1	4.01	52.6	4.58	60.0	0.161				redrill
41.1 ²²	75.9	34.8	0.244	8.49	0.406	14.13					original
41.8 ²⁴	78.3	36.5	0.215	7.83	0.375	13.66	0.29		10.57		redrill
30.48	75.9	45.4 m	0.867	39.4	0.99	44.9					
28.7	78.3	49.6 m	1.22	60.4	1.49	73.7					

combining these results as well

DDH 094

depth of overburden : 23.2 m original
25.1 m redrill

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/ton)	weighted Ag(g/ton m)	
23.2 ⁸	35.4	12.2 m	3.02	36.8	5.43	66.2					original
25.1 ⁸	36.1	11.0 m	4.71	51.8	5.60	61.6	0.063		65.7		redrill
35.4	45.4	10.0 m	—	—	—	—	—	—	—		original
36.1	45.0	8.9	—	—	—	—	—	—	—		redrill
45.4 ⁹	59.1	13.7 m	1.25	17.13	5.90	80.83					original
45.0	58.8	13.8 m	3.36	46.3	5.18	71.5	0.061		50.02		redrill
59.1 ⁵	66.8	7.7 m	0.236	1.82	0.600	4.62					original
58.8 ⁷	67.4	8.6 m	0.875	7.53	0.496	4.27	0.299		12.1		redrill
66.8 ⁵	74.4	7.6 m	1.654	12.57	2.07	15.73					original
67.4 ⁵	75.0	7.6 m	2.25	17.13	1.66	12.62	0.30		30.5		redrill
74.4 ⁸	86.6	12.2 m	0.261	3.18	0.739	9.01					original
75.0 ⁸	87.5	12.5 m	0.427	5.34	0.857	10.71	0.27		8.32		redrill
45.4	74.4	29 m	1.20	34.7	3.80	110.2					
45.0	75.0	30 m	2.54	76.3	3.30	99.1					

DDH 115

depth of overburden: 8.23 m original
22.4 m redrill

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/ton)	weighted Ag(g/ton m)	
24.7 ³	29.0	4.3 m	2.6	11.96	4.84	20.81					original
22A ⁵	29.7	7.3 m	2.04	14.87	3.67	26.8	0.05		31.4		redrill
29.0	40.8	11.8 m	—	—	—	—	—	—	—	—	original
29.7	33.0	3.3 m	—	—	—	—	—	—	—	—	redrill
40.8 ¹	41.5	0.7 m	0.95	0.67	2.78	1.95					original
33.0 ⁶	41.0	8.0 m	0.578	4.62	0.727	5.82	0.106		11.34		redrill
41.5 ¹⁵	79.9	38.4 m	3.45	132.48	5.94	228.1					original
41.0 ⁶	78.0	37.0 m	5.04	186.5	6.2	228.1	0.115		74.4		redrill
79.9 ³	83.5	3.6 m	0.55	1.98	1.34	4.82					original
78.0	82.0	4.0 m	0.59	2.35	0.91	3.65	0.21		13.8		redrill
83.5 ¹	85.0	1.5 m	1.03	1.55	1.96	2.94					original
82.0 ²	85.0	3.0 m	1.78	5.34	2.68	8.04	0.16		31.5		redrill
41.5	85.0	43.5 m	3.13	136.01	5.42	235.9					original
41.0	85.0	44 m	4.41	194.2	2.82	124.1					redrill

DDH 119

depth of overburden : 15.9 m original
20.7 m redrill

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/ton)	weighted Ag(g/ton m)	
15.9	32.3	16.4 m	no assays done except for 1 sludge assay : 1.81% Pb + 1.55% Zn								original
20.7	32.6	11.9 m	2.53	30.1	3.07	36.5	0.06		24.8		redrill
32.3	33.8	1.5 m	6.44	9.66	13.28	19.92					original
32.6	36.0	3.4 m	8.34	28.5	6.53	22.2	0.12		148.5		redrill
33.8	54.0	20.2 m	only one sludge sample taken : 1.03% Pb & 1.44% Zn [36.6m - 39.6m]								original
36.0	53.8	17.8 m	0.382	6.79	0.554	10.6	0.02		11.1		redrill
54.0	77.2	23.2 m	3.60	83.52	4.74	110.0					original
53.8	77.4	23.6 m	4.07	96.2	4.21	99.5	0.166		53.0		redrill
77.2	82.3	5.1 m	0.353	1.80	0.857	4.37					original
77.4	82.4	5.0 m	0.533	2.66	0.765	3.83	0.36		18.42		redrill
84.0	82.3	28.3 m	3.01	85.3	4.04	114.4					original
53.8	82.4	28.6 m	3.46	98.9	3.61	103.3					redrill

DDH 126

depth of overburden: 16.8 m original
25.9 m redrill

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/ton)	weighted Ag(g/ton m)	
29.3	47.6	18.3 m	2.51	45.9	3.54	64.8					original
25.9	45.7	19.8 m	2.21	43.8	3.62	71.7	0.133		38.5		redrill
no sample taken in this interval											
47.6	52.7	5.1 m	0.491	8.34	2.33	11.9					original
45.7	50.8	5.1 m	0.698	3.56	1.94	9.92	0.17		25.9		redrill
52.7	59.4	6.7 m	—	—	—	—	—	—	—	—	original
50.8	57.6	6.8 m	—	—	—	—	—	—	—	—	redrill
59.4	68.6	9.2 m	0.435	4.00	0.36	3.31					original
57.6	63.1	5.5 m	0.52	2.86	0.58	3.21	0.19		14.9		redrill
68.6	70.4	1.8 m	—	—	—	—	—	—	—	—	original
63.1	68.3	5.2 m	—	—	—	—	—	—	—	—	redrill
70.4	71.2	0.8 m	0.54	0.432	0.31	0.248					original
68.3	70.7	2.4 m	1.29	3.09	0.68	1.63	0.29		26.9		redrill
29.3	52.7	23.4 m	2.32	54.24	3.28	76.7					
25.9	50.8	24.9 m	1.90	47.4	3.28	81.62					

DDH 098 4. 81-VR-02

depth of overburden: 16.2 m DDH 098
10.7 m 81-VR-02

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/ton)	weighted Ag(g/ton m)	
16.2 ⁰	27.4	11.2 m	—	—	—	—	—	—	—	—	098
10.7 ⁴	27.4	16.7 m	0.079	1.32	0.081	1.351	—	—	—	—	81-VR-02
27.4 ⁰	30.4	3.0 m	—	—	—	—	—	—	—	—	098
27.4 ²	30.5	3.1 m	2.83	8.77	2.74	8.49	0.144	—	47.4	—	81-VR-02
30.4 ¹	32.3	1.9 m	2.54	4.83	3.54	6.73	—	—	—	—	098
30.5 ¹	32.0	1.5 m	4.2	6.3	4.6	6.9	0.12	—	58	—	81-VR-02
32.3	36.8	4.5 m	—	—	—	—	—	—	—	—	098
32.0 ³	36.6	4.6 m	0.24	1.101	0.37	1.695	0.023	—	3.63	—	81-VR-02
36.8 ³	40.5	3.7 m	3.84	14.21	8.33	30.8	—	—	—	—	098
36.6 ²	39.6	3.0 m	1.26	3.78	2.30	6.9	0.15	—	20.5	—	81-VR-02
40.5 ⁴	50.0	9.5 m	1.51	14.35	2.25	21.4	—	—	—	—	098
39.6 ⁴	50.3	10.7 m	2.25	24.1	2.71	29.0	0.16	—	31.2	—	81-VR-02
50.0 ⁰	(EOH) 58.8	8.8 m	—	—	—	—	—	—	—	—	098
50.3 ⁷	61.0	10.7 m	0.028	0.3	0.40	4.28	—	—	—	—	81-VR-02
36.8	50.0	13.2 m	2.16	28.5	3.95	52.2	—	—	—	—	098
36.6	50.3	13.7 m	2.03	27.88	2.62	35.9	—	—	—	—	81-VR-02

Rotary hole

original hole (DPH)

81-VR-02 ✓

098 ✓

81-VR-08 ✓

044 ✓

81-VR-11 ✓

109 ✓

81-VR-24 ✓

091 ✓

81-VR-23 ✓

099 ✓

81-VR-06 ✓

043 ✓

81-VR-32

055 plus V-055-R

- for Ag content, only fire assay results used except for V-055-R
where atomic absorption results were used.

DDH044 + 81-VR-08

depth of overburden: 18 m DDH044
19.8 m 81-VR-08

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/ton)	weighted Ag(g/ton m)	
18.0 ⁶	27.1	9.1 m	1.45	13.2	2.03	18.47	-	-	-	-	044
19.8 ⁵	27.4	7.6 m	1.16	8.82	1.01	7.68	0.33	-	20.9	-	81-VR-08
27.1 ⁶	36.3	9.2 m	0.01	0.092	0.083	0.764	-	-	-	-	044
27.4 ⁶	36.6	9.2 m	0.23	2.12	0.27	2.48	-	-	-	-	81-VR-08
36.3 ⁶	42.4	6.1 m	0.63	3.84	1.75	16.7	-	-	-	-	044
36.6 ⁴	42.7	6.1 m	2.18	13.08	3.49	21.3	0.13	-	29.8	-	81-VR-08
42.4	43.3	0.9 m	2.72	2.45	7.8	7.02	-	-	-	-	044
42.7 ⁴ (EQU)	48.8	6.1 m	0.13	1.10	0.58	3.54	-	-	-	-	81-VR-08
43.3 ¹⁶	102.7	59.4 m	0.1	5.94	0.39	23.2	-	-	-	-	044
18.0	42.4	24.4 m	0.702	17.13	1.23	29.9	-	-	-	-	
19.8	42.7	22.9 m	1.05	24.02	1.37	31.5	-	-	-	-	

DDH 109 + 81-VR-11

depth of overburden: 7.0 m DDH 109
9.1 m 81-VR-11

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/ton)	weighted Ag(g/ton m)	
7.0 ³	10.7	3.7 m	2.07	7.66	6.66	24.6					109
9.1	10.7	1.6 m	2.46	3.94	2.6	4.16	0.22		31.0		VR-11
10.7 ⁷	21.3	10.6 m	3.92	41.6	7.19	76.2					109
10.7 ⁷	21.3	10.6 m	2.88	30.5	3.67	38.9	0.18		35.3		VR-11
21.3 ³	25.4	4.6 m	0.563	2.59	0.707	3.25					109
21.3 ²	24.4	3.1 m	0.779	2.42	1.26	3.90	0.26		14.9		VR-11
85.3 ²	88.4	3.1 m	1.37	4.25	2.76	8.56					109
7.0	21.3	14.3 m	3.44	49.3	7.05	100.6					109
9.1	21.3	12.2 m	2.82	34.4	3.53	43.1					VR-11

DDH 099 + 81-VR-23

depth of overburden. 9.1m DDH 099

7.6m 81-VR-23

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/ton)	weighted Ag(g/ton m)	
9.1	13.7	4.6 m	2.23	10.3	2.26	10.4					099
7.6	13.7	6.1 m	1.89	11.53	2.15	13.12	0.23		30		VR-23
13.7	16.8	3.1 m	1.12	3.47	0.95	2.95					099
13.7	16.8	3.1 m	0.58	.79	0.41	1.26	0.25		17.9		VR-23
16.8	22.6	5.8 m	2.17	12.59	2.91	16.88					099
16.8	25.9	9.1 m	2.75	25.0	2.50	22.8	0.26		42		VR-23
9.1	22.6	13.5 m	1.95	26.4	2.24	30.23					099
7.6	25.9	18.3 m	2.09	38.3	2.03	37.2					VR-23

DDH 091 + 81-VR-24

depth of overburden: 9.1 m DDH 091
10.7 m 81-VR-24

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/ton)	weighted Ag(g/ton m)	
9.1	12.2	3.1 m	—	—	—	—	—	—	—	—	091
10.7	12.2	1.5 m	4.2	6.3	5.5	8.25	0.15	—	70	—	VR-24
12.2	22.9	10.7 m	3.1	33.2	5.42	58.0	—	—	—	—	091
12.2	22.9	10.7 m	2.67	28.6	3.31	35.4	0.16	—	40	—	VR-24
22.9	32.0	9.1 m	1.40	12.74	2.40	21.84	—	—	—	—	091
22.9	30.5	7.6 m	0.45	3.42	0.984	7.48	—	—	—	—	VR-24

average this to as
close to 30.5m depth as
possible

35.5 → 34.4 : Pb = 3.77% Zn = 5.43% in DDH 091

12.2	32.0	19.8 m	2.32	45.9	4.03	79.8	—	—	—	—	091
12.2	30.5	18.3 m	1.75	32.02	2.34	42.88	—	—	—	—	VR-24

DDH 026 + 026-R

depth of overburden: 30.8 original
30.2 redrill

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/ton)	weighted Ag(g/ton m)	
32.6	34.1	1.5m	1.46	2.19	3.88	5.91	—	—	—	—	original
30.2	34.9	4.7m	2.83	13.3	6.29	29.6	0.07	0.32	50.6	237.2	redrill
34.1	41.8	7.7	1.39	10.73	3.58	27.6	—	—	—	—	original
34.9	41.1	6.2	0.49	3.04	0.926	5.62	0.07	0.451	8.3	51.9	redrill
41.8	43.3	1.5	0.07	0.105	0.1	0.15	—	—	—	—	original
41.1	52.6	11.5	3.72	42.7	4.50	51.7	0.08	0.933	45.9	527.5	redrill
43.3	56.5	13.2	—	—	—	—	—	—	—	—	original
52.6	60.0	7.4	—	—	—	—	—	—	—	—	redrill
56.5	73.2	16.7	2.05	34.3	2.92	48.74	—	—	—	—	original
60.0	72.4	12.4	3.37	41.8	3.78	46.9	0.13	1.63	46.2	572.6	redrill
73.2	88.4	15.2	1.15	17.48	2.25	34.2	—	—	—	—	original
72.4	88.7	6.3	0.925	15.08	0.94	16.13	0.23	3.8	17.6	287.6	redrill

average overburden

32.6	88.4	55.8m	1.16	64.8	2.03	116.6	—	—	—	—	original
30.2	88.7	58.5m	1.98	116.0	2.56	149.9	0.122	7.14	28.7	1676.9	redrill

* 026 R goes down to 147.5m, but never drilled

DDH055 + V-055-R + 81-VR-32

depth of overburden: 8.2 m DDH055
8.5 m V-055-R
12.2 m 81-VR-32

from	to	length	average % Pb	weighted Pb(% m)	average % Zn	weighted Zn(% m)	average % Cu	weighted Cu(% m)	average Ag(g/ton)	weighted Ag(g/ton m)	
0.2	11.6	3.4 m	0.34	1.16	0.3	1.02					055
8.5	12.2	3.7 m	0.99	3.66	2.51	9.29	0.06		21		055-R
11.6	16.2	4.6 m	1.96	9.02	3.9	17.94					055
12.2	16.5	4.3 m	1.57	6.75	1.87	8.14	0.53		27		055-R
12.2	13.7	1.5 m	2.00	3.00	3.39	5.09	0.44		31		VR-32
16.2	17.7	1.5 m	12.33	18.5	7.9	11.9					055
16.5	18.0	1.5 m	5.06	7.59	6.19	9.29	0.18		62		055-R
13.7	15.2	1.5 m	6.12	9.18	8.91	13.65	0.65		76		VR-32
17.7	19.2	1.5 m	2.51	3.77	3.3	4.95					055
18.0	19.5	1.5 m	0.27	0.405	0.76	1.14	0.41		12.3		055-R
15.2	18.3	3.1	1.89	5.86	2.53	7.84	0.265		30.5		VR-32
19.2	29.9	10.7 m	0.124	1.33	0.614	6.57					055
19.5	29.8	10.3 m	0.21	2.16	0.689	7.10	0.33		9.4		055-R
18.3	30.5	12.2 m	0.361	4.40	0.859	10.48					VR-32
61.9	69.5	7.6 m	0.508	3.86	0.498	3.78					055
61.8	68.1	6.3 m	0.323	2.03	0.36	2.27	0.11		7.4		055-R
69.5	81.7	12.2 m	2.72	33.48	3.94	48.07					055
68.1	81.8	13.7 m	2.06	28.2	3.60	50.04	0.081		27.4		055-R

SECTION 14 East to 28 East VANIGOROA DEPOSIT. ORE TONNAGE & GRADE BY ORETACIES. GRADE ³⁵⁶ 48 out off.

Generally to the East & higher up.

DRILL HOLE BLOCK	ORE TYPE	AREA (m ²)	AREA x 60 (m ³)	S.G.	TONNAGE	Pb %	Zn %	Pb+Zn	Ag g/t	Au g/t	Cu %	Po %
	4G				191,331	5.40	5.83	11.23	76.48	0.93		
	4GE				266,569	3.80	4.48	8.28	52.50	0.98		
	4E	Includes 4HO			706,944	3.62	3.36	6.98	51.00	0.77		
	4CE	Includes 4CH			399,847	2.85	3.93	6.78	43.08	0.67		
	4CD				562,299	3.36	3.28	6.64	44.04	0.74		
	4AC											
					(2,126,990)							
					TOTAL	2,130,000	3.59	3.81	7.40	50.15	0.78	

To Pek Taggart,

No deduction factors applied.

Above are Geologic Reserves for East Vangoroda.

n.b

- Figures have yet to be checked — will be done when computer boys get back on July 10-12.
- Cu will be in the range 0.2 to 0.3 % Cu.
- Po will be in the range $>10\% >Po > 15\%$
- 4AC < 10,000 tonnes

Robt.

OVERBURDEN DEPTH COMPARISON KA/CAMC

<u>Section</u>	<u>DOT</u>	<u>CAMC</u>	<u>KA</u>	<u>comments</u>
<u>10E</u>	V123R	116.0	96	
	V60R	126.5	141.0	
	V110R	138.5	131	
	V50R	112.0	107	107-112 mass sulph. @ ~7%
	V114R	108.0	101	
	V46R	125.0	90	
	V117R	112.8	98	
<u>8E</u>	V18R	76.8	79.0	
	V45R	103.9	95	mass sulph at top. 95-105' ~12%
	V53R	127.0	130	
<u>6E</u>	V126R	57.5	55	
	V35R	56.0	67.0	
	V94R	82.5	76.0	76-81 mass sulph @ 11%
	V47R	110.6	90	
	V95R	100.5	109.0	
	V20R	125.0	100	
	V96R	110.0	110.0	
<u>4E</u>	V33R	73.0	65.0	
<u>2E</u>	V133R	32.0	3 (broken rock to 10)	
	V115R	12.0	27.0	
	V15R	32.6	10	
	V119R	68.0	52.0	
<u>0E</u>	V143R	27.5	14.0	
	V27R	20.2	20	
	V26R	42.0	23.0	
	V01R	25.0	14.0	