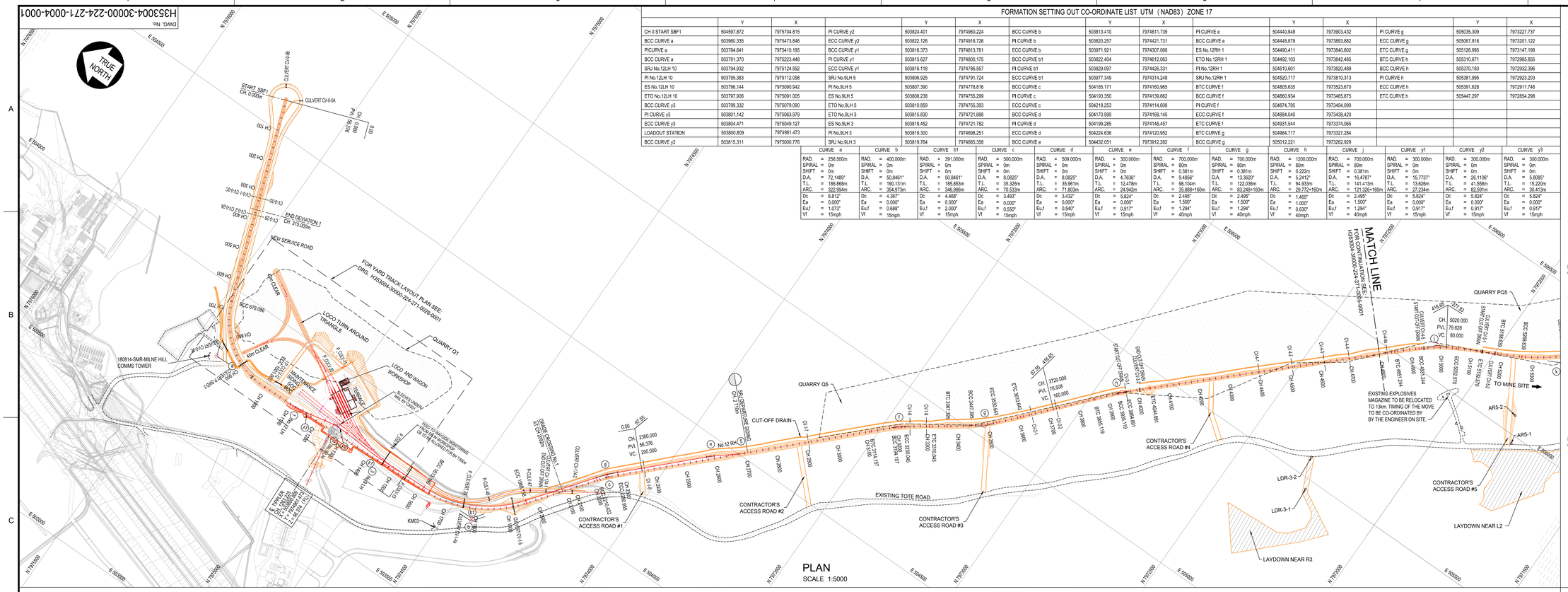
DWG. No.
H353004-30000-224-271-0004-0001

FORMATION SETTING OUT CO-ORDINATE LIST UTM (NAD83) ZONE 17

	Y	X		Y	X		Y	X		Y	X		Y	X		Y	X
CH 0 START SBF1	504597.872	7975704.815	PI CURVE y2	503824.401	7974960.224	BCC CURVE b	503813.410	7974611.739	PI CURVE e	504440.848	7973903.432	PI CURVE g	505035.309	7973227.737			
BCC CURVE a	503960.335	7975473.846	ECC CURVE y2	503822.126	7974918.726	PI CURVE b	503820.257	7974421.731	BCC CURVE e	504448.879	7973893.882	ECC CURVE g	505067.916	7973201.122			
PICURVE a	503784.641	7975410.195	BCC CURVE y1	503816.373	7974813.781	ECC CURVE b	503971.921	7974307.068	ES No.12RH 1	504490.411	7973840.802	ETC CURVE g	505126.995	7973147.198			
BCC CURVE a	503791.370	7975223.448	PI CURVE y1	503815.627	7974800.175	BCC CURVE b1	503822.404	7974612.063	ETO No.12RH 1	504492.103	7973842.485	BTC CURVE h	505310.671	7972985.855			
SRJ No.12LH 10	503794.932	7975124.592	ECC CURVE y1	503816.118	7974786.557	PI CURVE b1	503829.097	7974426.331	PI No.12RH 1	504510.601	7973820.489	BCC CURVE h	505370.183	7972932.396			
PI No.12LH 10	503795.383	7975112.098	SRJ No.9LH 5	503806.925	7974791.724	ECC CURVE b1	503977.349	7974314.248	SRJ No.12RH 1	504520.717	7973810.313	PI CURVE h	505381.995	7972923.203			
ES No.12LH 10	503796.144	7975090.942	PI No.9LH 5	503807.390	7974778.816	BCC CURVE c	504165.171	7974190.965	BTC CURVE f	504800.635	7973523.670	ECC CURVE h	505391.628	7972911.746			
ETO No.12LH 10	503797.906	7975091.005	ES No.9LH 5	503808.238	7974755.299	PI CURVE c	504193.350	7974139.662	BCC CURVE f	504801.934	7973465.875	ETC CURVE h	505447.297	7972864.298			
BCC CURVE y3	503799.332	7975079.090	ETO No.9LH 5	503810.859	7974755.393	ECC CURVE c	504218.253	7974114.608	PI CURVE f	504874.795	7973454.090						
PI CURVE y3	503801.142	7975063.979	ETO No.9LH 3	503815.830	7974721.688	BCC CURVE d	504170.599	7974168.145	ECC CURVE f	504884.040	7973438.420						
ECC CURVE y3	503804.471	7975049.127	ES No.9LH 3	503818.452	7974721.782	PI CURVE d	504199.285	7974146.457	ETC CURVE f	504931.544	7973374.065						
LOADOUT STATION	503800.809	7974961.473	PI No.9LH 3	503819.300	7974698.251	ECC CURVE d	504224.636	7974120.952	BTC CURVE g	504964.717	7973327.284						
BCC CURVE y2	503815.311	7975000.776	SRJ No.9LH 3	503819.764	7974685.358	BCC CURVE e	504432.051	7973912.282	BCC CURVE g	505012.221	7973262.929						

CURVE a	CURVE b	CURVE b1	CURVE c	CURVE d	CURVE e	CURVE f	CURVE g	CURVE h	CURVE j	CURVE y1	CURVE y2	CURVE y3
RAD. = 256.500m	RAD. = 400.000m	RAD. = 391.000m	RAD. = 500.000m	RAD. = 509.000m	RAD. = 300.000m	RAD. = 700.000m	RAD. = 700.000m	RAD. = 1200.000m	RAD. = 700.000m	RAD. = 300.000m	RAD. = 300.000m	RAD. = 300.000m
SPIRAL = 0m	SPIRAL = 0m	SPIRAL = 0m	SPIRAL = 0m	SPIRAL = 0m	SPIRAL = 0m	SPIRAL = 80m	SPIRAL = 80m	SPIRAL = 80m	SPIRAL = 80m	SPIRAL = 0m	SPIRAL = 0m	SPIRAL = 0m
SHIFT = 0m	SHIFT = 0m	SHIFT = 0m	SHIFT = 0m	SHIFT = 0m	SHIFT = 0m	SHIFT = 0.381m	SHIFT = 0.381m	SHIFT = 0.222m	SHIFT = 0.381m	SHIFT = 0m	SHIFT = 0m	SHIFT = 0m
D.A. = 72.1489°	D.A. = 50.8461°	D.A. = 50.8461°	D.A. = 8.0825°	D.A. = 8.0825°	D.A. = 4.7636°	D.A. = 9.4856°	D.A. = 13.3620°	D.A. = 5.2412°	D.A. = 16.4787°	D.A. = 15.7737°	D.A. = 26.1106°	D.A. = 5.8085°
T.L. = 186.868m	T.L. = 190.131m	T.L. = 185.853m	T.L. = 35.325m	T.L. = 35.961m	T.L. = 12.478m	T.L. = 98.104m	T.L. = 122.036m	T.L. = 94.933m	T.L. = 141.413m	T.L. = 13.635m	T.L. = 41.558m	T.L. = 15.220m
ARC. = 322.994m	ARC. = 354.973m	ARC. = 346.986m	ARC. = 70.533m	ARC. = 71.803m	ARC. = 24.942m	ARC. = 35.888+160m	ARC. = 83.248+160m	ARC. = 29.772+160m	ARC. = 121.326+160m	ARC. = 27.234m	ARC. = 82.591m	ARC. = 30.413m
Dc = 6.812°	Dc = 4.367°	Dc = 4.468°	Dc = 3.493°	Dc = 3.432°	Dc = 5.824°	Dc = 2.495°	Dc = 2.495°	Dc = 1.455°	Dc = 2.495°	Dc = 5.824°	Dc = 5.824°	Dc = 5.824°
Ea = 0.000°	Ea = 0.000°	Ea = 0.000°	Ea = 0.000°	Ea = 0.000°	Ea = 0.000°	Ea = 1.500°	Ea = 1.500°	Ea = 1.000°	Ea = 1.500°	Ea = 0.000°	Ea = 0.000°	Ea = 0.000°
Euf = 1.073°	Euf = 0.688°	Euf = 2.000°	Euf = 0.550°	Euf = 0.540°	Euf = 0.917°	Euf = 1.294°	Euf = 1.294°	Euf = 0.630°	Euf = 1.294°	Euf = 0.917°	Euf = 0.917°	Euf = 0.917°
Vf = 15mph	Vf = 15mph	Vf = 15mph	Vf = 15mph	Vf = 15mph	Vf = 15mph	Vf = 40mph	Vf = 40mph	Vf = 40mph	Vf = 40mph	Vf = 15mph	Vf = 15mph	Vf = 15mph


TRUE NORTH
START SBF1 CH. 0.000m
CULVERT CV-0/B
CULVERT CV-0/A
PI CH. 0.000 N 12.376 E 0.000
END DEVIATION 1 CH. 310.000m
NEW SERVICE ROAD
FOR YARD TRACK LAYOUT PLAN SEE: ORIG. H353004-30000-224-271-0028-0001
LOCO TURN AROUND TRIANGLE
QUARRY Q1
180814-SMR-MILNE HILL COMMS TOWER
LOCO AND WAGON WORKSHOP
MAINTENANCE SUPPORT BUILDING
TERRACE
SLEEPERS UNDERFOOT
KM03
CONTRACTOR'S ACCESS ROAD #1
CONTRACTOR'S ACCESS ROAD #2
CONTRACTOR'S ACCESS ROAD #3
CONTRACTOR'S ACCESS ROAD #4
CONTRACTOR'S ACCESS ROAD #5
CUT-OFF DRAIN
QUARRY Q5
QUARRY PQ5
EXISTING TOTE ROAD
EXISTING EXPLOSIVES MAGAZINE TO BE RELOCATED TO 13km. TIMING OF THE MOVE TO BE CO-ORDINATED BY BY THE ENGINEER ON SITE.
LAYDOWN NEAR R3
LAYDOWN NEAR L2
LDR-3-1
LDR-3-2
AR5-1
AR5-2
TO MINE SITE
MATCH LINE
FOR CONTINUATION SEE: H353004-30000-224-271-0005-0001
SBJ DEPARTURE SIDING CH. 2.710m
GRADE CROSSING No.1 AT CH 2092m
$ TIPPLER CH. 1263.225
CULVERT F.NU-5
CULVERT F.QU1/14
CULVERT CV-1-5
CULVERT CV-1-6
CULVERT CV-1-7
CULVERT CV-1-8
CULVERT CV-1-9
CULVERT CV-1-10
CULVERT CV-1-11
CULVERT CV-1-12
CULVERT CV-1-13
CULVERT CV-1-14
CULVERT CV-1-15
CULVERT CV-1-16
CULVERT CV-1-17
CULVERT CV-1-18
CULVERT CV-1-19
CULVERT CV-1-20
CULVERT CV-1-21
CULVERT CV-1-22
CULVERT CV-1-23
CULVERT CV-1-24
CULVERT