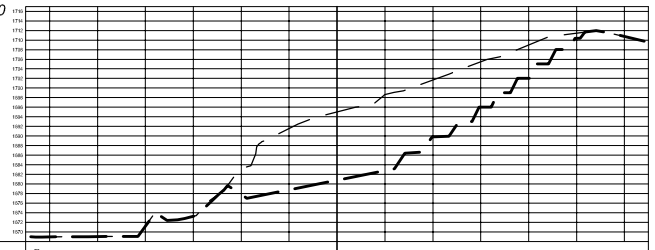
CHAINAGE 80

H.SCALE 1:1000

V.SCALE 1:500



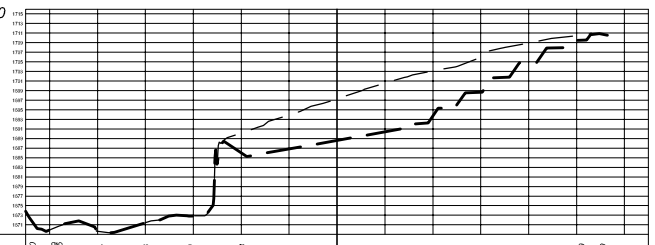
DATUM = 1668

OFFSET	-123.223	-95.830	-76.235	-58.818	**-37.678**	24.057	39.613	64.322	83.322	101.518	126.280
ELEVATION	1668.911	1669.042	1673.139	1673.365	1677.000	1683.173	1689.774	1696.000	1705.000	1710.381	1709.799

CHAINAGE 60

H.SCALE 1:1000

V.SCALE 1:500



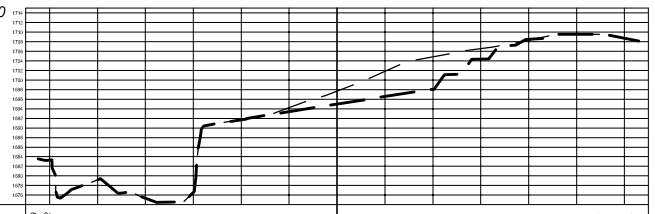
DATUM = 1669

OFFSET	-125.130	-95.227	-77.666	-59.139	**-37.678**	30.927	42.240	60.567	83.252	98.809	104.719	112.910
ELEVATION	1670.246	1669.333	1671.397	1672.873	1685.265	1692.035	1695.338	1698.651	1704.882	1709.488	1709.576	1710.553

CHAINAGE 40

H.SCALE 1:1000

V.SCALE 1:500



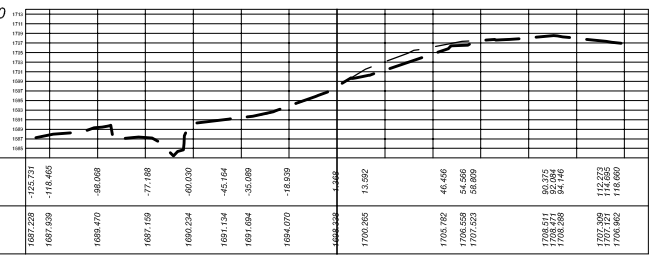
DATUM = 1674

OFFSET	-124.749	-98.143	-81.568	-59.546	-37.922	49.489	63.252	85.879	110.024	125.927
ELEVATION	1683.563	1679.456	1675.612	1674.459	1676.785	1698.654	1704.414	1708.657	1709.561	1708.161

CHAINAGE 20

H.SCALE 1:1000

V.SCALE 1:500



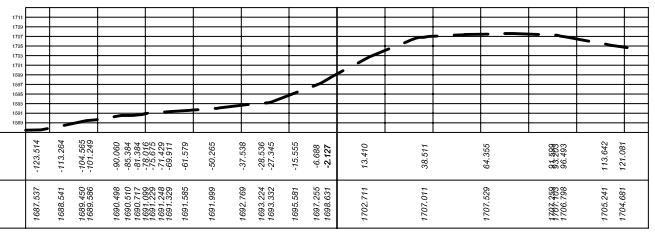
DATUM = 1683

OFFSET	-125.731	-118.465	-98.068	-77.188	-60.030	-45.164	-35.089	-18.939	-1.199	13.592	46.466	54.066	64.869	89.275	93.064	94.146	112.673	118.600
ELEVATION	1687.228	1687.939	1689.470	1687.159	1690.234	1691.134	1691.694	1694.070	1692.338	1700.265	1705.782	1706.558	1707.020	1706.511	1706.471	1706.806	1707.299	1706.942

CHAINAGE 0

H.SCALE 1:1000

V.SCALE 1:500



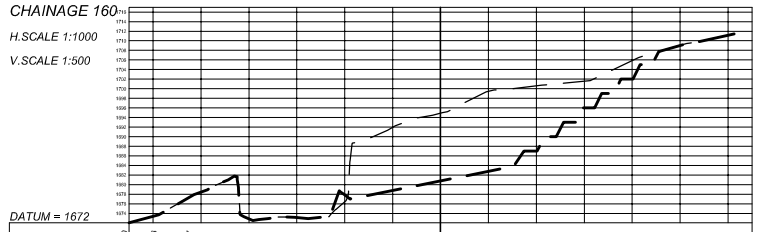
DATUM = 1687

OFFSET	-123.514	-113.264	-101.593	-90.099	-80.984	-70.673	-61.579	-50.265	-37.538	-28.536	-27.345	-15.555	**-2.127**	13.410	38.911	64.355	81.988	94.493	113.642	121.081
ELEVATION	1681.537	1686.541	1689.590	1690.449	1690.717	1691.364	1691.329	1691.585	1691.999	1692.789	1693.024	1694.591	1697.255	1699.631	1702.711	1707.011	1707.529	1706.788	1705.241	1704.681

CHAINAGE 160

H.SCALE 1:1000

V.SCALE 1:500



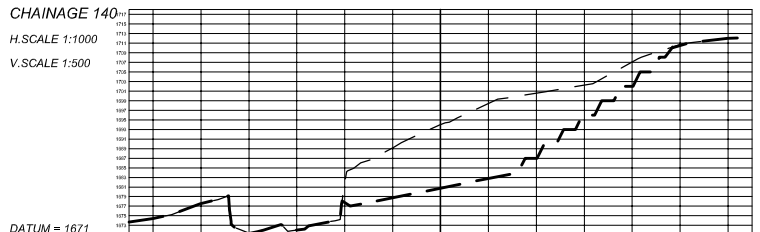
DATUM = 1672

OFFSET	-130.000	-117.633	-102.877	-88.670	-82.115	-73.943	-67.188	-54.764	-45.834	-38.891	-37.678	30.387	36.089	43.332	48.332	56.332	64.332	67.332	75.332	83.332	84.332	89.332	100.770	122.627
ELEVATION	1672.017	1673.698	1677.891	1680.975	1673.317	1672.077	1672.308	1673.230	1673.757	1677.374	1677.000	1683.807	1687.000	1687.000	1690.000	1690.000	1693.000	1696.000	1699.000	1703.000	1703.000	1705.664	1708.477	1711.457

CHAINAGE 140

H.SCALE 1:1000

V.SCALE 1:500



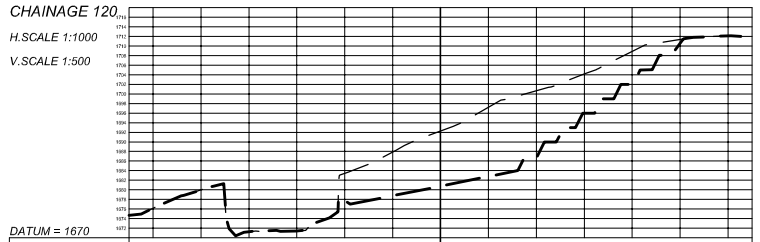
DATUM = 1671

OFFSET	-130.000	-120.053	-112.252	-100.443	-92.875	-79.593	-72.379	-62.810	-55.076	-43.961	**-37.678**	32.332	40.332	43.332	48.332	56.332	64.332	67.332	75.332	83.332	84.332	89.332	96.969	103.985
ELEVATION	1673.698	1674.436	1675.230	1677.009	1678.389	1671.330	1671.974	1671.757	1672.196	1672.916	1673.987	1677.000	1687.000	1687.000	1690.000	1690.000	1693.000	1696.000	1699.000	1703.000	1703.000	1705.664	1708.477	1710.212	1711.102

CHAINAGE 120

H.SCALE 1:1000

V.SCALE 1:500



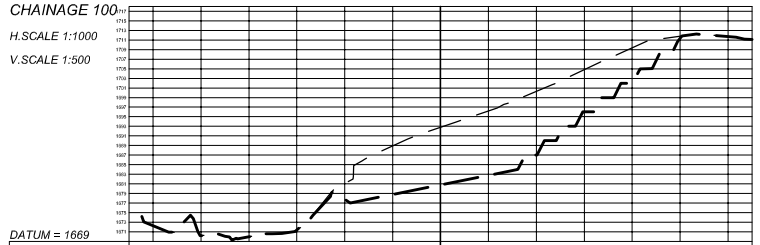
DATUM = 1670

OFFSET	-130.000	-124.917	-118.471	-106.997	-94.789	-82.074	-77.116	-68.439	-60.175	-50.328	-46.346	**-37.678**	32.332	40.332	43.332	48.332	56.332	64.332	67.332	75.332	83.332	84.332	89.332	105.429	121.192	125.410
ELEVATION	1674.705	1674.912	1676.552	1678.899	1680.754	1671.152	1671.366	1671.544	1671.420	1672.077	1674.128	1677.000	1687.000	1687.000	1690.000	1690.000	1693.000	1696.000	1699.000	1703.000	1703.000	1705.664	1708.306	1711.868	1712.140	1711.982

CHAINAGE 100

H.SCALE 1:1000

V.SCALE 1:500



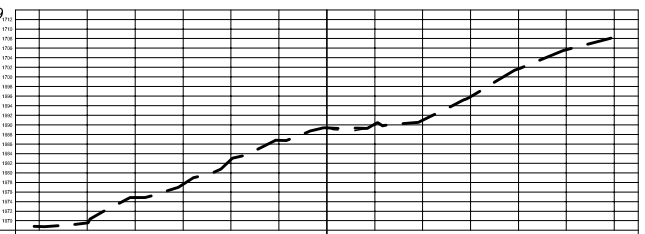
DATUM = 1669

OFFSET	-130.000	-124.770	-113.421	-100.177	-94.702	-73.629	-58.189	-53.192	**-37.678**	32.332	40.332	43.332	48.332	56.332	64.332	67.332	75.332	83.332	84.332	89.332	96.877	102.535	106.755	123.360	125.833	126.000
ELEVATION	1674.207	1676.902	1678.165	1669.490	1670.579	1671.731	1674.442	1677.000	1687.000	1687.000	1690.000	1690.000	1693.000	1696.000	1699.000	1703.000	1703.000	1705.664	1708.306	1711.868	1712.140	1711.616	1711.502	1712.018	1712.084	1711.999

CHAINAGE 219

H.SCALE 1:1000

V.SCALE 1:500



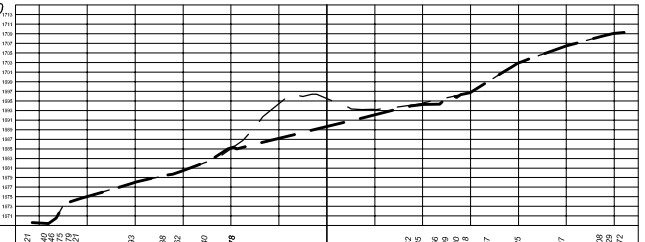
DATUM = 1668

OFFSET	-122.254	-117.632	-103.826	-88.672	-82.118	-73.916	-66.680	-57.077	-55.708	-48.722	-44.159	-38.399	-32.914	-21.293	-16.961	-12.369	-6.891	**-0.888**	5.878	16.816	23.725	38.808	45.794	59.376	67.156	71.399	78.470	90.744	101.314	117.295	121.235
ELEVATION	1668.824	1668.749	1669.230	1669.694	1672.509	1674.840	1674.814	1676.228	1676.566	1679.752	1680.768	1683.091	1683.088	1686.803	1686.700	1686.242	1688.703	1689.373	1689.336	1689.289	1689.878	1693.664	1693.262	1695.697	1701.425	1701.425	1703.485	1707.468	1708.068	1709.785	1710.021

CHAINAGE 200

H.SCALE 1:1000

V.SCALE 1:500



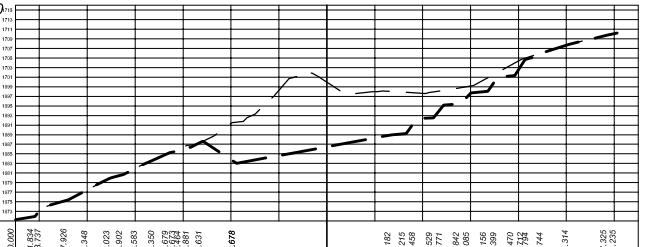
DATUM = 1669

OFFSET	-123.021	-116.140	-105.575	-102.927	-79.593	-66.538	-60.402	-49.140	**-37.678**	35.842	40.085	51.399	55.936	60.615	68.757	81.605	99.907	115.808	119.729	124.172
ELEVATION	1669.596	1668.418	1669.188	1673.386	1674.455	1674.124	1679.534	1680.384	1682.443	1685.000	1694.018	1694.279	1694.244	1694.496	1694.321	1695.016	1699.515	1703.220	1706.491	1708.592	1709.092	1709.068

CHAINAGE 180

H.SCALE 1:1000

V.SCALE 1:500



DATUM = 1671

OFFSET	-130.000	-121.834	-114.737	-99.348	-88.003	-84.902	-78.583	-71.350	-65.678	-60.434	-56.884	-51.631	**-37.678**	27.182	33.218	37.648	44.539	48.771	55.842	60.685	67.156	71.399	78.470	84.744	101.314	117.295	121.235
ELEVATION	1672.990	1671.855	1673.840	1675.393	1677.715	1680.047	1680.664	1682.371	1683.948	1685.215	1686.136	1686.996	1687.651	1693.000	1689.000	1689.230	1689.444	1692.510	1695.183	1695.410	1695.695	1699.035	1701.097	1701.308	1706.219	1707.894	1709.785	1710.021

				CONSTRUCTION RECORD
				WORKS CONTRACT ENGINEER
				Name : XX XXXXXXXX
				Prof. Reg. No. : XXXXXXXX
				Date : DD / MM / YYYY
				SANRAL PROJECT MANAGER
				Name : XX XXXXXXXX
				Prof. Reg. No. : XXXXXXXX
				Date : DD / MM / YYYY
V1	JUNE 2012	ORIGINAL VERSION	ME BOTHA	
No.	DATE	REVISION	CONSULT. ENG.	

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Prof. Reg.No.	
CHECKED BY	
NAME	W JEPPE
Prof. Reg.No.	20030254
DRAWN BY	
NAME	LM ROGERS

CONSULTANT APPROVAL

Name : W JEPPE
Prof. Reg. No. : 20030254
Date : DD / MM / YYYY

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ACCEPTANCE

THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING

for CEO; SA NATIONAL ROADS AGENCY LTD.

Date:

PROJECT DESCRIPTION

CONTRACT NO. NRA N.006-040-2009/1F : REHABILITATION OF N6 SECTION 4 FROM km 52.0 TO km 66.2

DRAWING NAME

HORIZONTAL CROSS SECTIONS HARD ROCK QUARRY

SCALE : NOT TO SCALE | SHEET 1 OF 1

PROJECT NUMBER	N.006-040-2009/1F	
DRAWING LOCATION DATA	START	END
ROUTE	N6	N6
SECTION	04	04
DRAWING km DISTANCE	-	-
DRAWING TYPE	ROADWORKS - MATERIAL SOURCES	
BRIDGE/STRUCTURE No.	-	
CONSULTANT DRAWING No.	FA 260690QPO/FIG AB	VER
SANRAL DOCUMENT #	X	V1