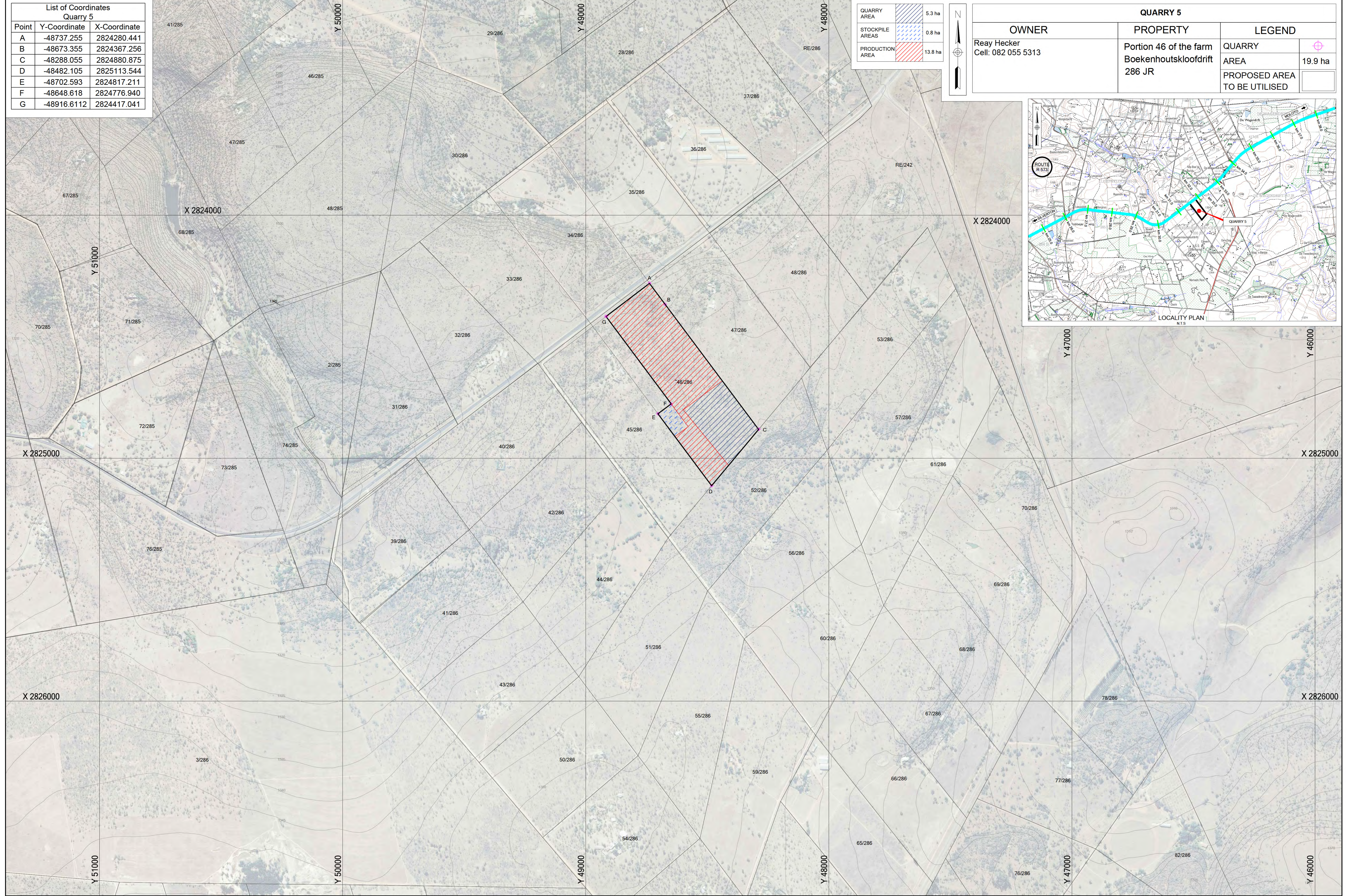
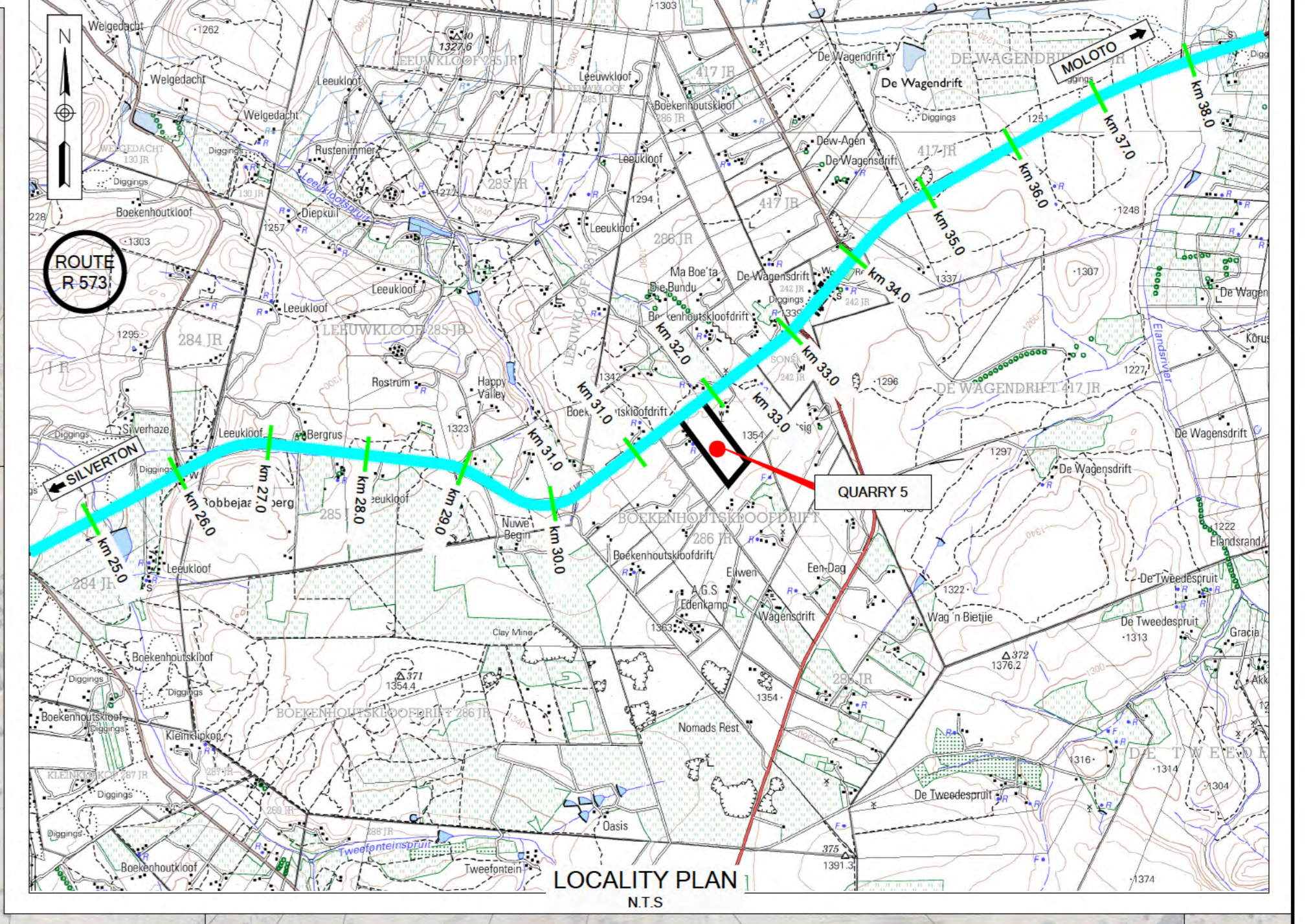


List of Coordinates Quarry 5		
Point	Y-Coordinate	X-Coordinate
A	-48737.255	2824280.441
B	-48673.355	2824367.256
C	-48288.055	2824880.875
D	-48482.105	2825113.544
E	-48702.593	2824817.211
F	-48648.618	2824776.940
G	-48916.6112	2824417.041



QUARRY AREA		5.3 ha
STOCKPILE AREAS		0.8 ha
PRODUCTION AREA		13.8 ha

QUARRY 5		
OWNER	PROPERTY	LEGEND
Reay Hecker Cell: 082 055 5313	Portion 46 of the farm Boekenhoutskloofdrift 286 JR	QUARRY AREA PROPOSED AREA TO BE UTILISED
		19.9 ha



CONSTRUCTION RECORD WORKS CONTRACT ENGINEER Name: M.P. BOONSTRA Prof. Reg. No.: Date: SANRAL PROJECT MANAGER Name: Date:		DESIGNED BY NAME: T.A. VAN DER MERWE Prof. Reg. No.: 261420076 CHECKED BY: NAME: J.C. MARKRAM Prof. Reg. No.: 980187 DRAWN BY: NAME: L. DU PREEZ		CONSULTANT APPROVAL Name: J.C. MARKRAM Prof. Reg. No.: 980187 Date: DD / MM / YYYY		HEAD OFFICE 48 Tambotie Avenue Val de Grace Pretoria 0081 PO Box 415 Pretoria 0001 South Africa Tel: (012) 844 8000		NORTHERN REGION 38 Ida Street Menlo Park Pretoria 0081 Private Bag X17 Lynnwood Ridge 0040 Tel: (012) 426 6200		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 HOWSOEVER ARISING For CEO: SA NATIONAL ROADS AGENCY SOC LTD. Date:		PROJECT DESCRIPTION THE UPGRADING OF PROVINCIAL ROAD R573 (K139) SECTION 1 FROM BAVIAANSPOORT ROAD IN TSHWANE (km 0,00) TO THE GAUTENG / MPUMALANGA PROVINCIAL BORDER (± 46.00 km)		PROJECT NUMBER P.002-023-2017 / 1 DRAWING LOCATION DATA ROUTE SECTION DRAWING km DISTANCE DRAWING TYPE BRIDGE/STRUCTURE No. CONSULTANT DRAWING No. SANRAL DOCUMENT #		START R576 END R573 SURVEY-EXPROP & PROCL PD - VER V1	
ORIGINAL VERSION REVISION M.P. BOONSTRA CONSULT. ENG.		KBK ENGINEERS (PTY) LTD KBK Engineers (Pty) Ltd 101 Wapadrant Building 64 Glenwood Road, Lynnwood Glen Pretoria 0081 Tel: (012) 348-1822 Fax: (012) 348-1823 PO Box 74786, Lynnwood Ridge, 0040								PROJECT DESCRIPTION QUARRY 5		SCALE: N.T.S. SHEET 1 OF 3					