

















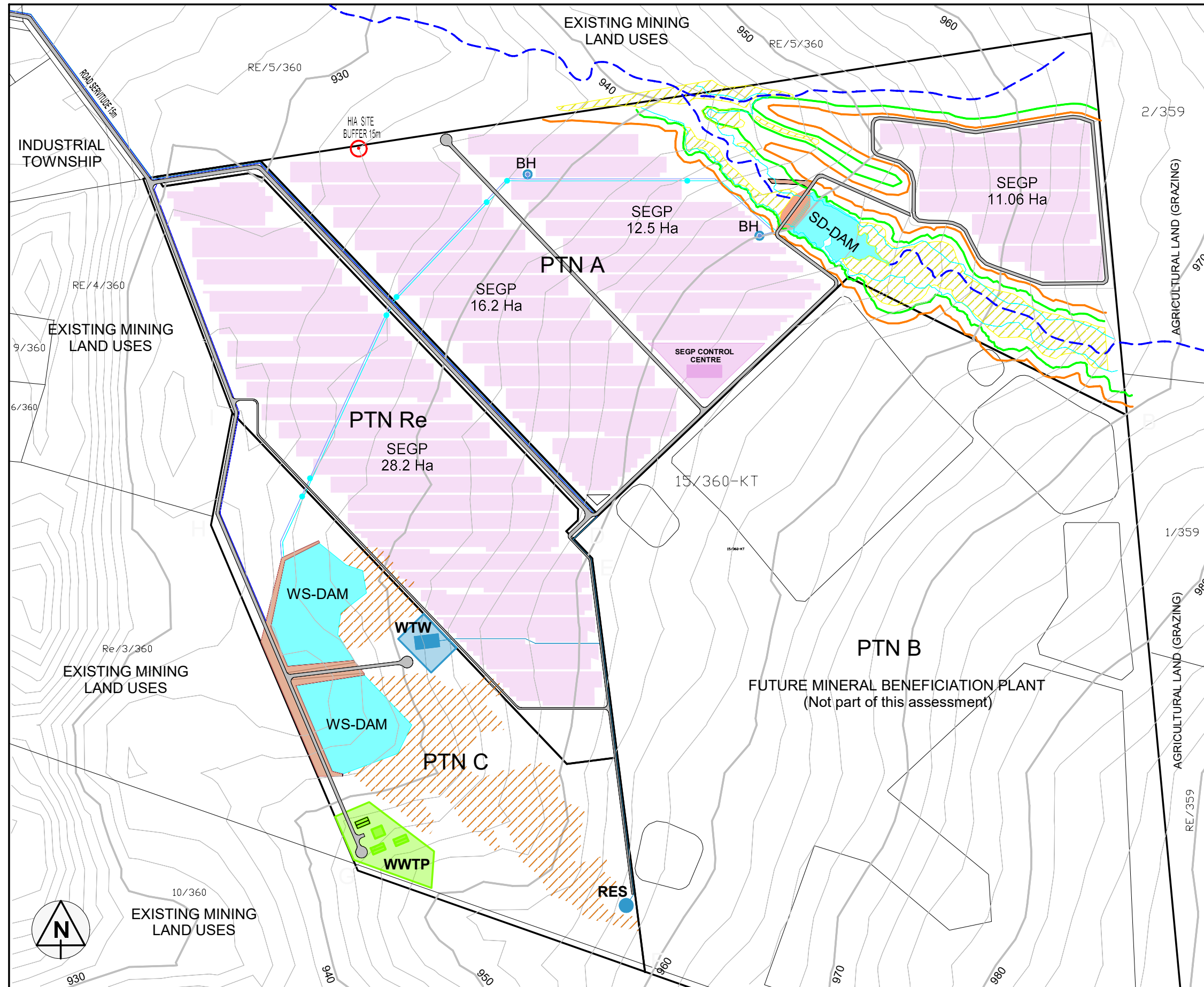
APPENDIX A

ENVIRONMENTAL IMPACT ASSESSMENT
UTILITIES SERVICES INFRASTRUCTURE
ON PORTION 15 TWEEFONTEIN 360-KT

FIGURE ABCDEFGIJ REPRESENTS THE
DEVELOPMENT AREA / PROJECT SITE

LEGEND

-  SOLAR ENERGY GENERATION PLANT (40 MVA) ±68 Ha
-  WASTEWATER TREATMENT PLANT ±1 Ha.
-  WATER TREATMENT WORKS ±0.5 Ha.
-  BOREHOLES : COMBINED YIELD OF 265 kL/d.
-  RESERVOIR : WATER STORAGE CAPACITY 1,6 ML
-  ACCESS & SERVICE ROADS ROAD RESERVE 15m & 7m
-  BULK WATER PIPELINES
-  STORM WATER PIPELINE AND STORM WATER INLETS
-  STORM WATER DETENTION DAM 31000 CUBIC METERS
-  STORM WATER STORAGE DAMS 51800 & 64200 CUB M
-  EPHEMERAL WATERCOURSE
-  EDGE OF THE ERODED BANKS OF THE WATERCOURSE
-  DEVELOPMENT RESTRICTION BUFFER LINE - 15m WIDE
-  APPROXIMATE FLOODLINE 1 : 100 YEAR
-  IN-STREAM REHABILITATION OF DEGRADED BED & BANKS
-  REHABILITATION AREA OF A MINE QUARRY



SITE PLAN : PROJECT LAYOUT

PLAN NO: SITE PLAN V1. 12/1/9/2-GS75
DATE : 3 NOVEMBER 2022

COMPILED BY : ECO-8