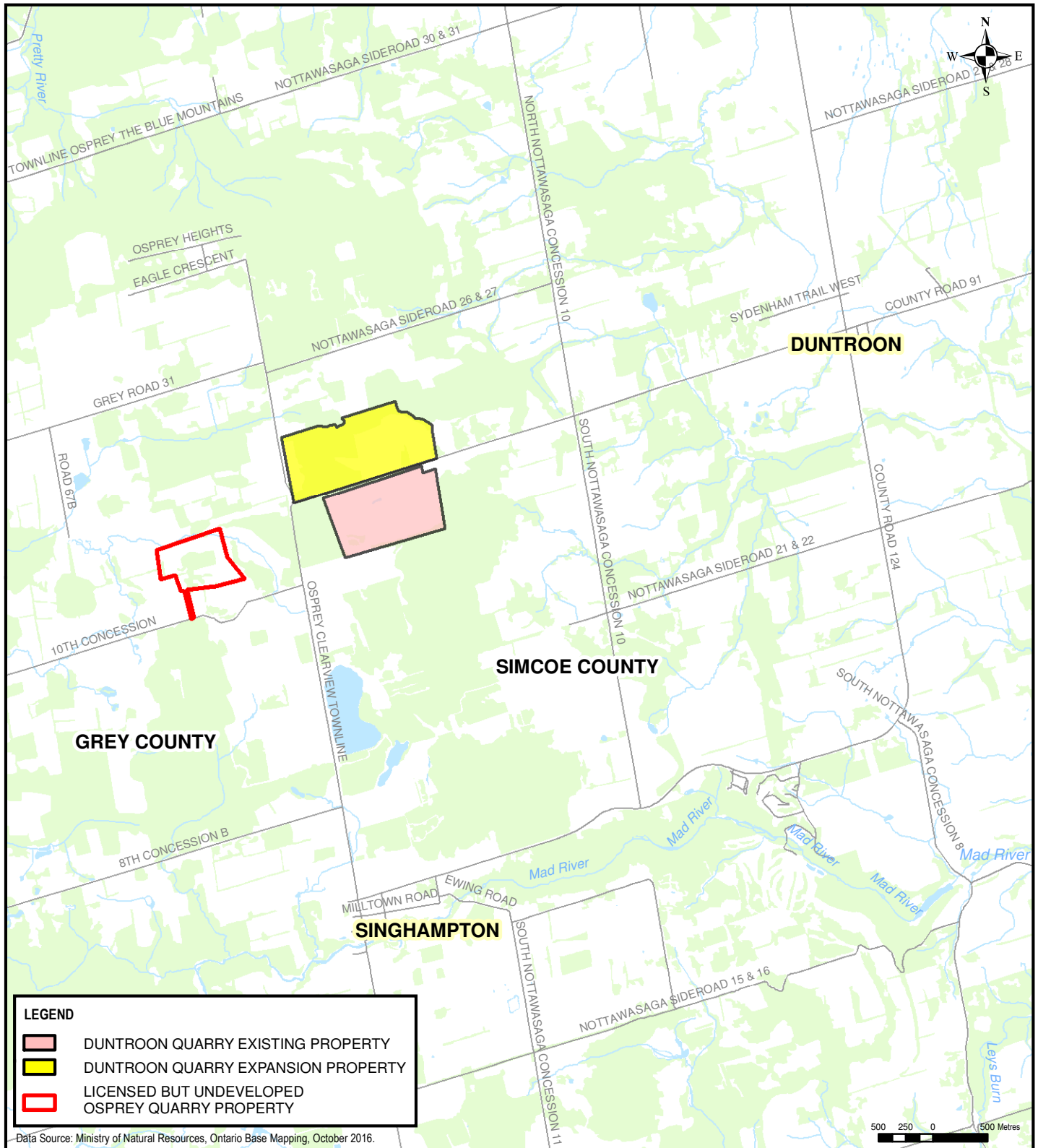




**Walker
Aggregates Inc.**

PROJECT:

**DUNTROON QUARRY
AMP SUMMARY REPORT 2019**

TITLE:

LOCATION MAP

CLIENT:

WALKER AGGREGATES INC.

SCALE:

1:50,000

DRAWN BY:

TP

CHECKED BY:

CL

PROJECT NO:

111-53312-02 100

DATE:

APRIL 2020

FIGURE NO:

1

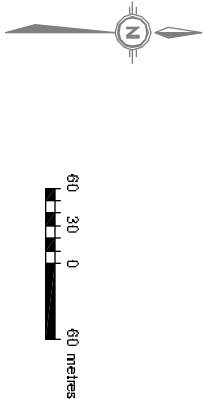
REV.:

-



76 DOW H. COCK DRIVE, UNIT 2
AURORA, ONTARIO, CANADA, L5G 0G9
TEL: 905-759-3881 FAX: 905-727-9463 WWW.WSP.COM

LEGEND



CLIENT:

WALKER AGGREGATES INC.

CLIENT REF. #:

PROJECT:

DUNTRON QUARRY
AMP SUMMARY REPORT 2019

PROJECT NO:

111-53312-02 100 DATE/DATE: APRIL 2020

DESIGNED BY:

MULTI WAY

DRAWN BY:

MULTI WAY /TP

CHECKED BY:

CL

FIGURE NO:

2 SCALE: 1:5000

TITLE

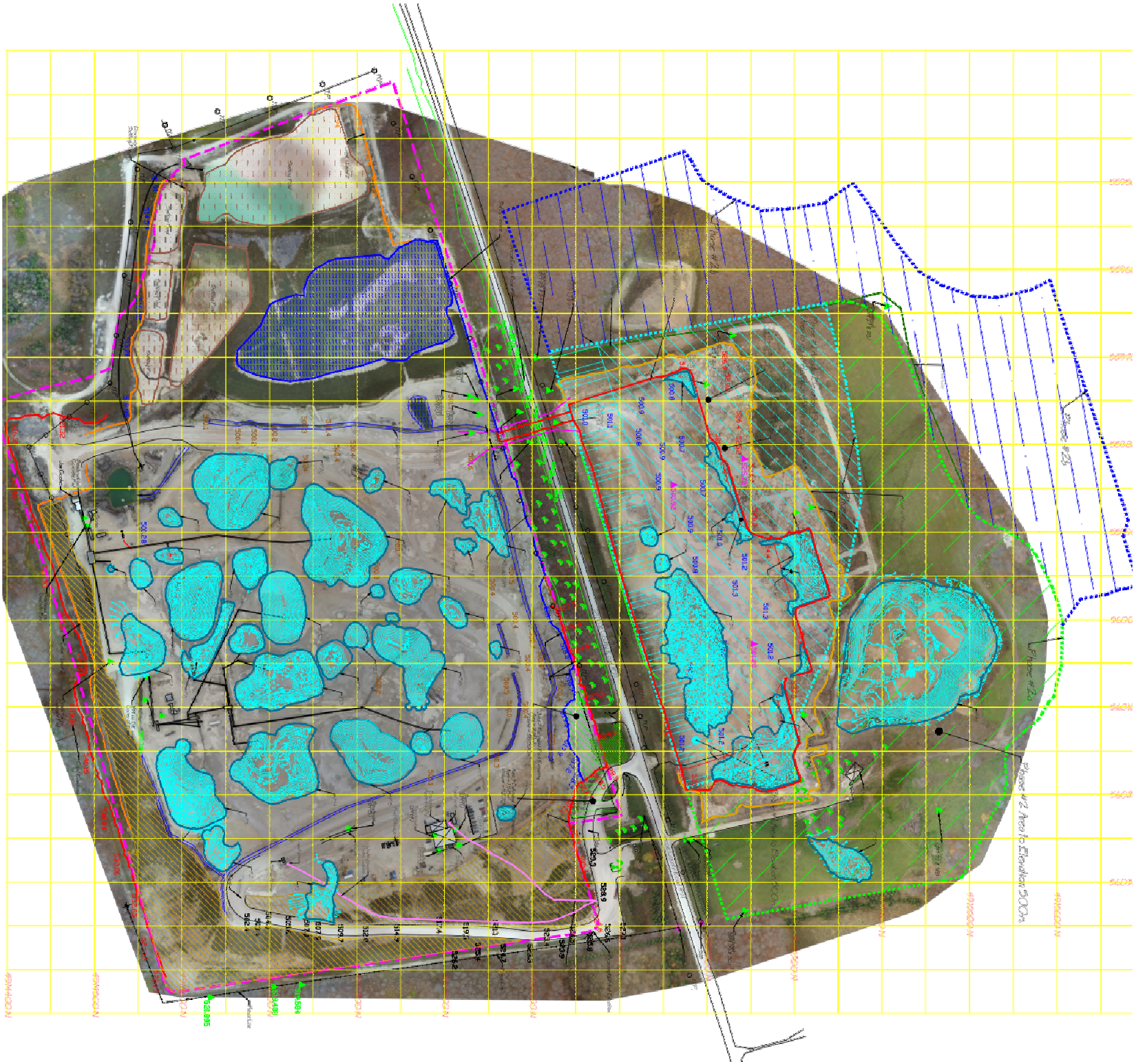
SITE SKETCH - JULY 2019

DISCIPLINE:

ENVIRONMENT

ISSUE

--



- LEGEND**
- Crest - Level 1
 - Crest - Level 2
 - Crest of Berm
 - Conveyor
 - Pile Outline
 - Toe of Berm
 - Piled Equipment
 - Stalling Ponds
 - Hydro Poles
 - Water
 - Survey Benchmarks
 - Road Reserves
 - Rehabilitation Area
 - TTC Contours
 - MHPC Contours
 - Phase #1 Area - 490m
 - Phase #2a Area - 900m
 - Phase #2b Area - 900m
 - Phase #1 Area - 900m
 - Toe of Berm
 - July 2018 Elevation Benchmarks
 - Limit of Extraction - Phase 1
 - Limit of Extraction - Phase 2a
 - Proposed Limit of Extraction



LEGEND

EXISTING QUARRY

DIRECTION OF WATER FLOW (EXISTING QUARRY)

DIRECTION OF WATER FLOW (QUARRY EXPANSION)

SITE PLAN

DUNTROON QUARRY
AMP SUMMARY REPORT (2019)
For Walker Aggregates Inc.

walker
industries

Walker
Aggregates Inc.

DATE: APRIL 2020

SCALE: 1:4000

PROJECT: 111-53312-02 100

FILE NO.: 111-53312-02 100 F2b-SP

FIGURE

2b



**UPDATED AERIAL PHOTO
- JULY 2019**

DUNTROON QUARRY
AMP SUMMARY REPORT 2019
For Walker Aggregates Inc.



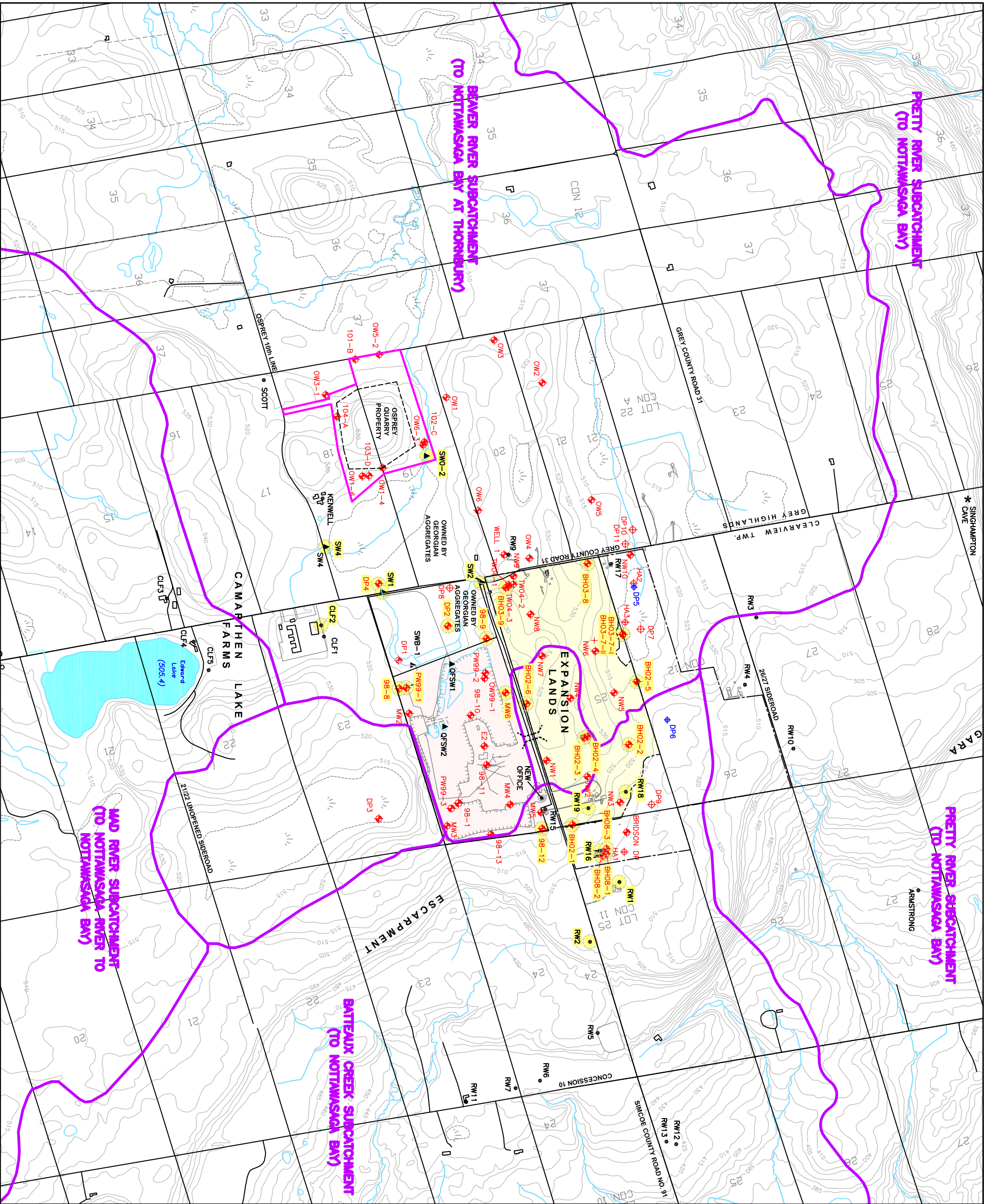
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PROJECT: 111-53312-02 100 FILE NO.: 111-53312-02 100 F2c

FIGURE

2c





LEGEND

EXISTING DUNTROON QUARRY PROPERTY

DUNTROON QUARRY EXPANSION LANDS

WATERSHED DIVIDE

▲

SW2

SURFACE WATER MONITORING LOCATION AND DESIGNATION

◆

OW1-6

BOREHOLE LOCATION AND DESIGNATION

●

KENWELL

RESIDENTIAL WELL LOCATION AND DESIGNATION

◆

DP5

DRIVEPOINT LOCATION AND DESIGNATION

PERMIT TO TAKE WATER SURFACE WATER MONITORING STATION AND WELL LOCATION

TUNNEL CONSTRUCTION (NTS) OCT. 2015

1000

0

500 metres

N

NOTES:

1. MAP SOURCES OBM SHEETS 10 17 5600 49150, 10 17 5550 49100, 10 17 5550 49150 AND 10 17 5600 49100, NAD 27 DATUM AND McNAUGHTON HERMSEN CLARKSON PLANNING LIMITED, EXISTING FEATURES 2003.

MONITORING NETWORK

DUNTROON QUARRY
AMP SUMMARY REPORT 2019
For Walker Aggregates Inc.

Walker Industries

Walker Aggregates Inc.

DATE: APRIL 2020

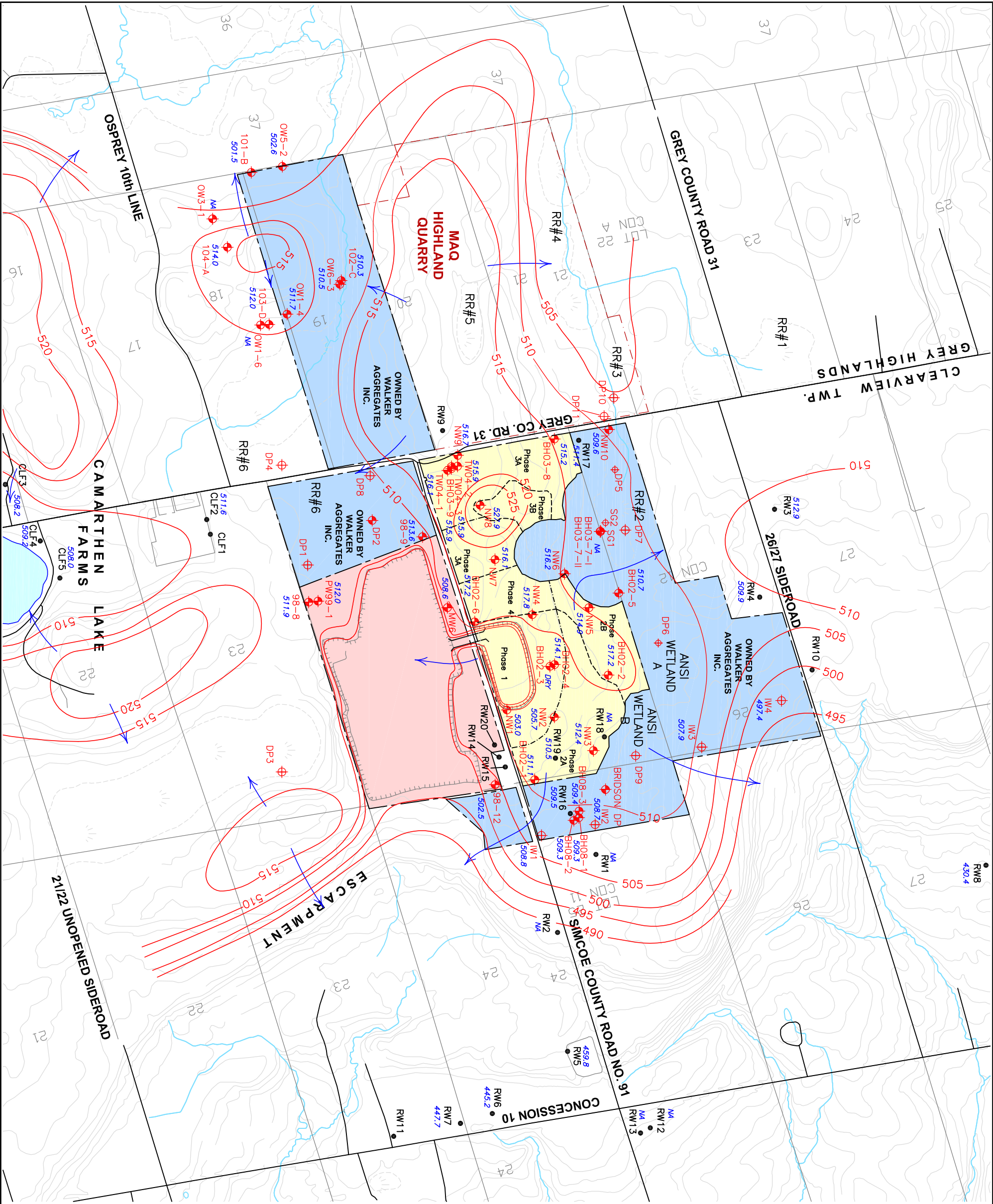
SCALE: 1:20000

PROJECT: 111-53312-02 100

FILE NO.: 111-53312-02 100 F3

nsip

FIGURE 3



- LEGEND**
- DUNTROON EXISTING QUARRY PROPERTY
 - DUNTROON QUARRY EXPANSION PROPERTY
 - PROPERTY OWNED BY WALKER AGGREGATES INC.
 - BOREHOLE/WELL LOCATION, DESIGNATION AND WATER LEVEL ELEVATION (mASL) APRIL 2018
 - INTERPRETED BEDROCK GROUNDWATER CONTOUR MASL
 - INFERRED GENERAL GROUNDWATER FLOW DIRECTION
 - APPROXIMATE TUNNEL LOCATION



BEDROCK GROUNDWATER LEVELS APRIL 2018

DUNTROON QUARRY
AMP SUMMARY REPORT 2019
For Walker Aggregates Inc.

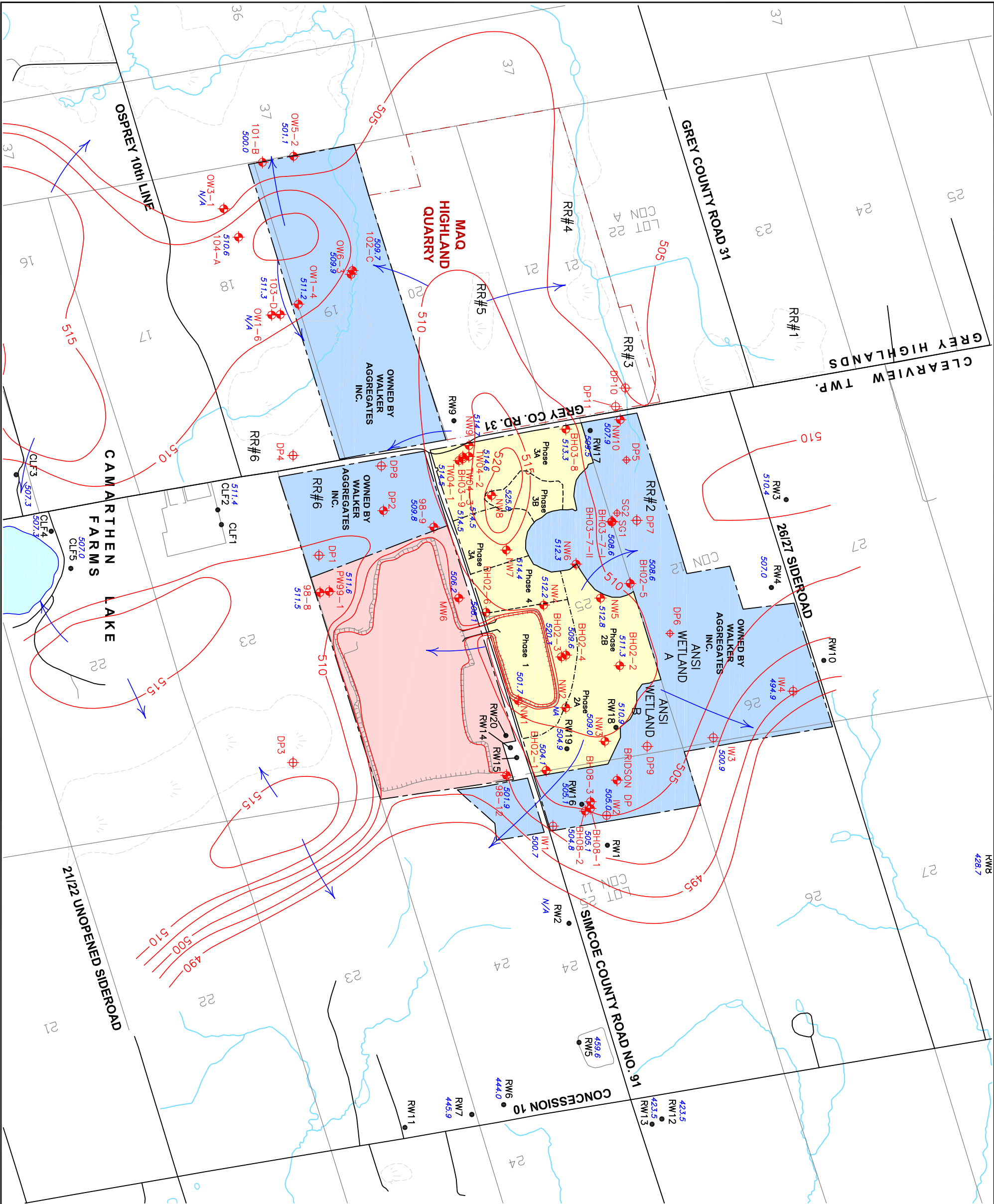


DATE: APRIL 2020
SCALE: 1:15000
PROJECT: 111-53312-02 100
FILE NO.: 111-53312-02 100 F4



FIGURE

4



LEGEND

- DUNTROON EXISTING QUARRY PROPERTY
- DUNTROON QUARRY EXPANSION PROPERTY
- PROPERTY OWNED BY WALKER AGGREGATES INC.
- BOREHOLE/WELL LOCATION, DESIGNATION AND WATER LEVEL ELEVATION (MASL) OCTOBER 2018
- INTERPRETED BEDROCK GROUNDWATER CONTOUR MASL
- INFERRED GENERAL GROUNDWATER FLOW DIRECTION
- APPROXIMATE TUNNEL LOCATION



BEDROCK GROUNDWATER LEVELS OCTOBER 2018

DUNTROON QUARRY
AMP SUMMARY REPORT 2019
For Walker Aggregates Inc.

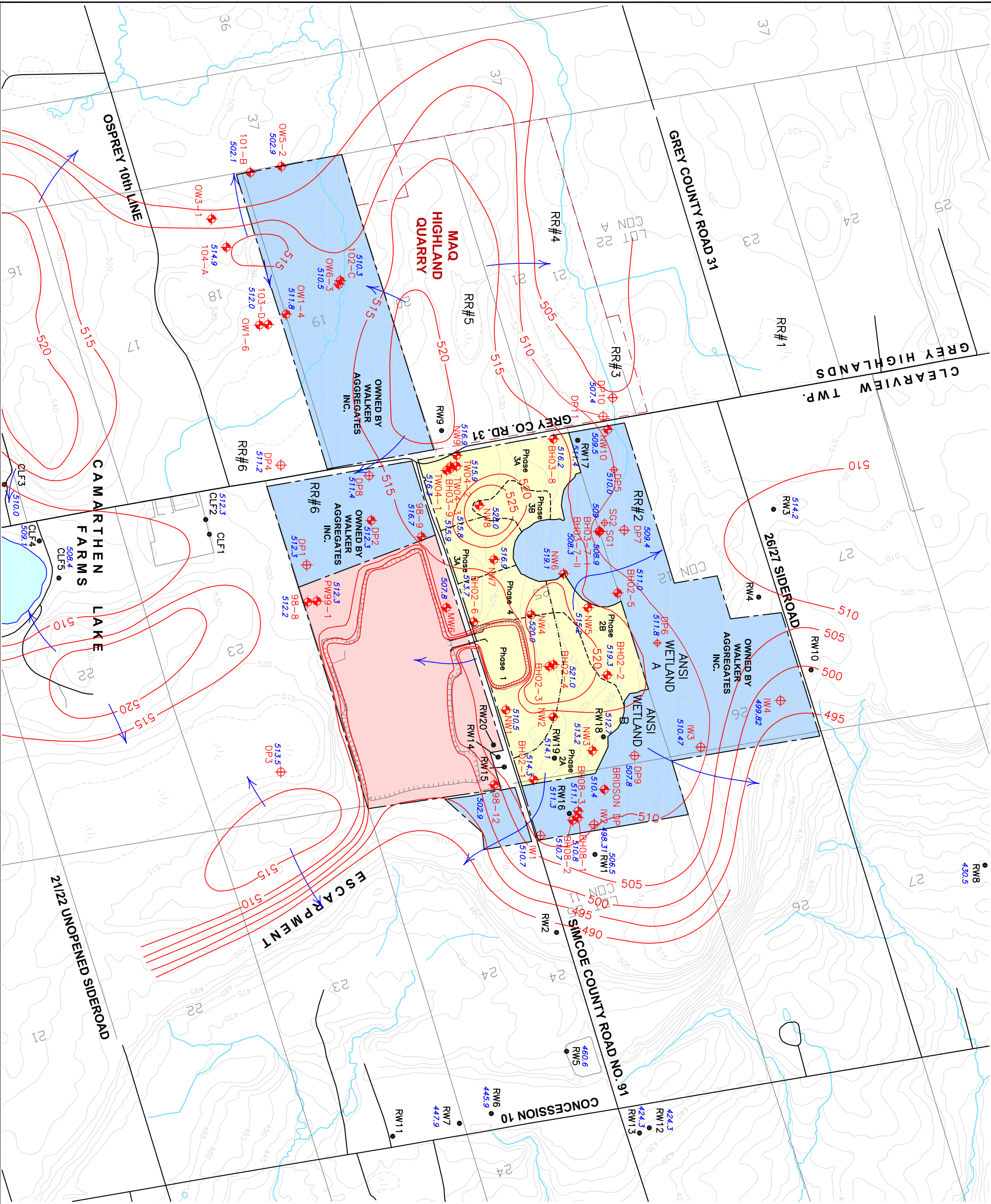


DATE: APRIL 2020	SCALE: 1:15000
PROJECT: 111-53312-02 100	FILE NO.: 111-53312-02 100 F5



FIGURE

5



LEGEND

- DUNTROON EXISTING QUARRY PROPERTY
- DUNTROON QUARRY EXPANSION PROPERTY
- PROPERTY OWNED BY WALKER AGGREGATES INC.
- BOREHOLE/WELL LOCATION, DESIGNATION AND WATER LEVEL ELEVATION (mASL) APRIL 2019*
- INTERPRETED BEDROCK GROUNDWATER CONTOUR MASL*
- INFERRED GENERAL GROUNDWATER FLOW DIRECTION
- APPROXIMATE TUNNEL LOCATION

*NOTE: ADDITIONAL WATER LEVELS TO PROVIDE GROUNDWATER CONTOURS WERE OBTAINED AS PART OF THE 2017 AMP MONITORING PROGRAM.



BEDROCK GROUNDWATER LEVELS APRIL 2019

DUNTROON QUARRY
AMP SUMMARY REPORT 2019
For Walker Aggregates Inc.

Walker Industries
Aggregates Inc.

DATE: APRIL 2020

PROJECT: 111-53312-02 100

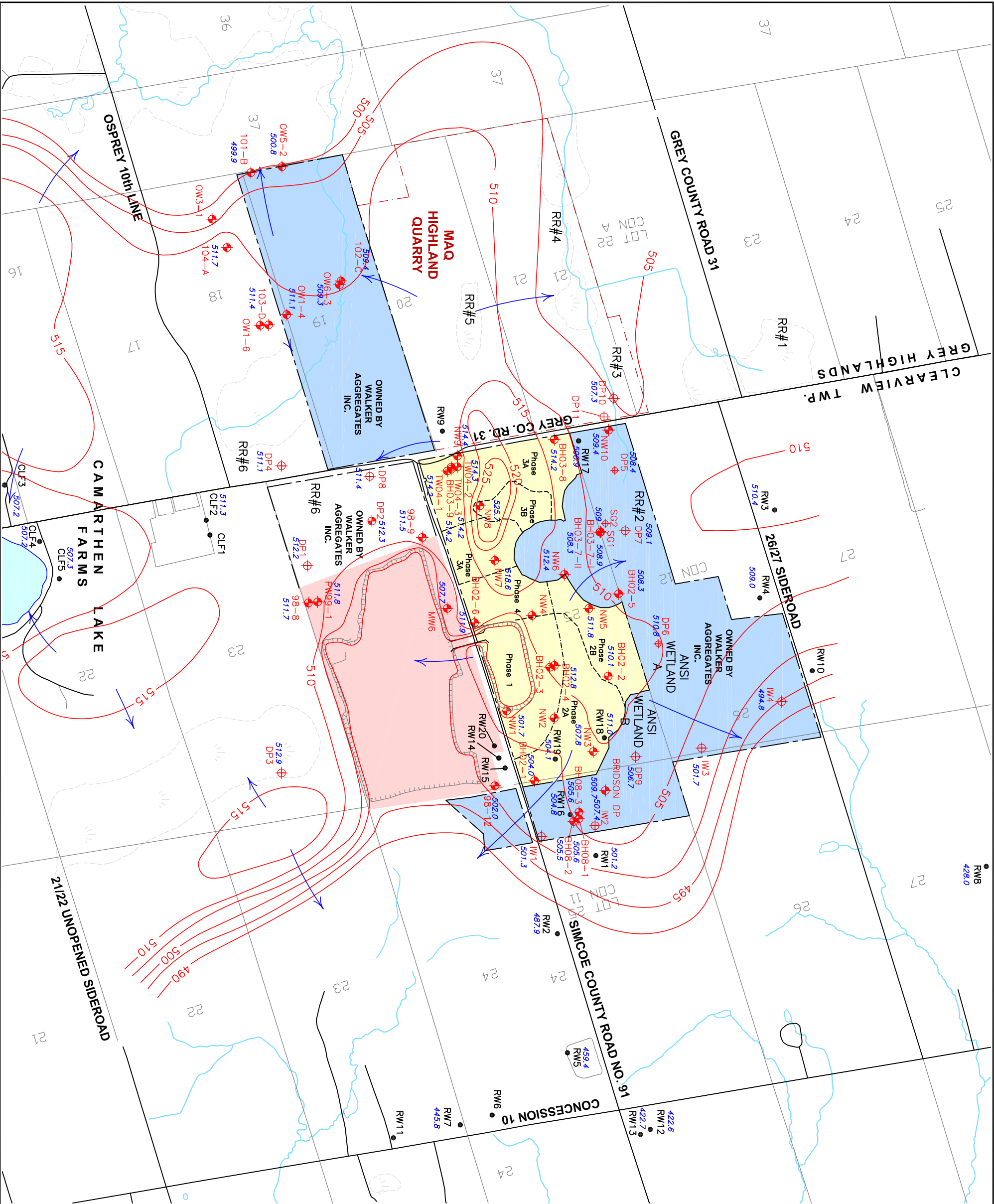
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SCALE: 1:15000

FIGURE

6





LEGEND

DUNTROON EXISTING QUARRY PROPERTY

DUNTROON QUARRY EXPANSION PROPERTY

PROPERTY OWNED BY WALKER AGGREGATES INC.

BOREHOLE WELL LOCATION, DESIGNATION AND WATER LEVEL ELEVATION (MASL) OCTOBER 2019*

INTERPRETED BEDROCK GROUNDWATER CONTOUR mASL*

INFERRED GENERAL GROUNDWATER FLOW DIRECTION

APPROXIMATE TUNNEL LOCATION

*NOTE: ADDITIONAL WATER LEVELS TO PROVIDE GROUNDWATER CONTOURS WERE OBTAINED AS PART OF THE 2017 AMP MONITORING PROGRAM.



BEDROCK GROUNDWATER LEVELS OCTOBER 2019

DUNTROON QUARRY AMP SUMMARY REPORT 2019 For Walker Aggregates Inc.



DATE: APRIL 2020 SCALE: 1:15000

PROJECT: 111-53312-02 100 FILE NO.: 111-53312-02 100 F7

