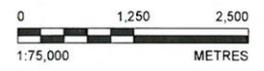
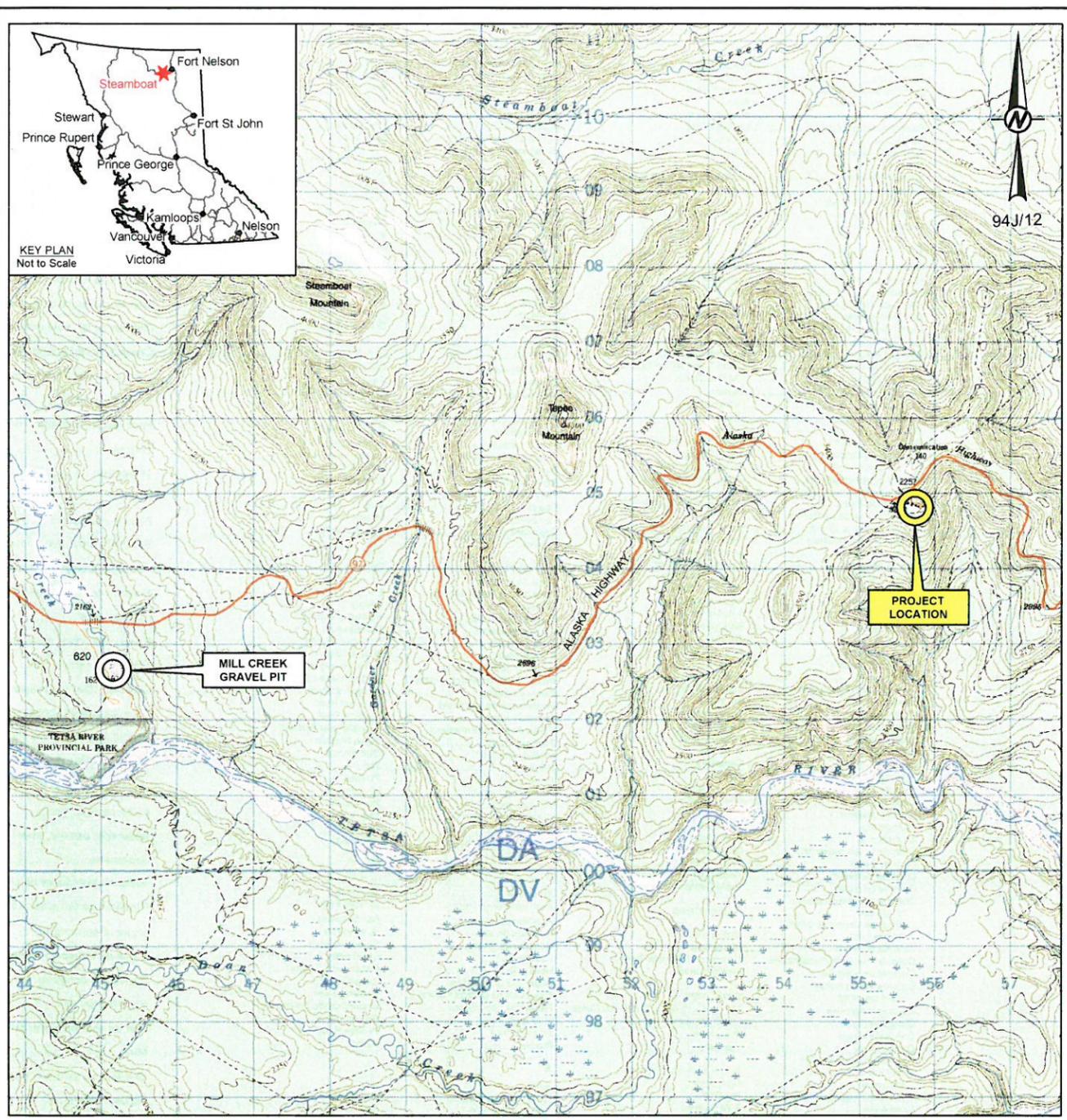


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| LEGEND | |
|--------|-----------------------------------|
| | APPROXIMATE PROJECT LOCATION |
| | APPROXIMATE MILL CREEK GRAVEL PIT |

REFERENCE
 BASE MAPPING FROM CANMATRIX 1: 50000 NTS - 94J/12
 CANVEC DATA OBTAINED FROM GEOGRATIS, CENTRE FOR TOPOGRAPHIC INFORMATION (NRCAN, ESS) DEPARTMENT OF NATURAL RESOURCES, CANADA.
 DATUM: NAD83, PROJECTION: UTM ZONE 10

CLIENT
 PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

PROJECT
 STEAMBOAT MAINTENANCE CAMP, KILOMETRE 537.9
 ALASKA HIGHWAY, B.C.

| CONSULTANT | |
|------------|------------|
| YYYY-MM-DD | 2017-07-07 |
| PREPARED | RTJ |
| DESIGN | AV |
| REVIEW | AM |
| APPROVED | JL |

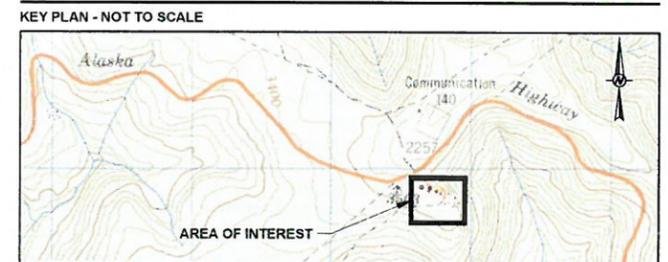
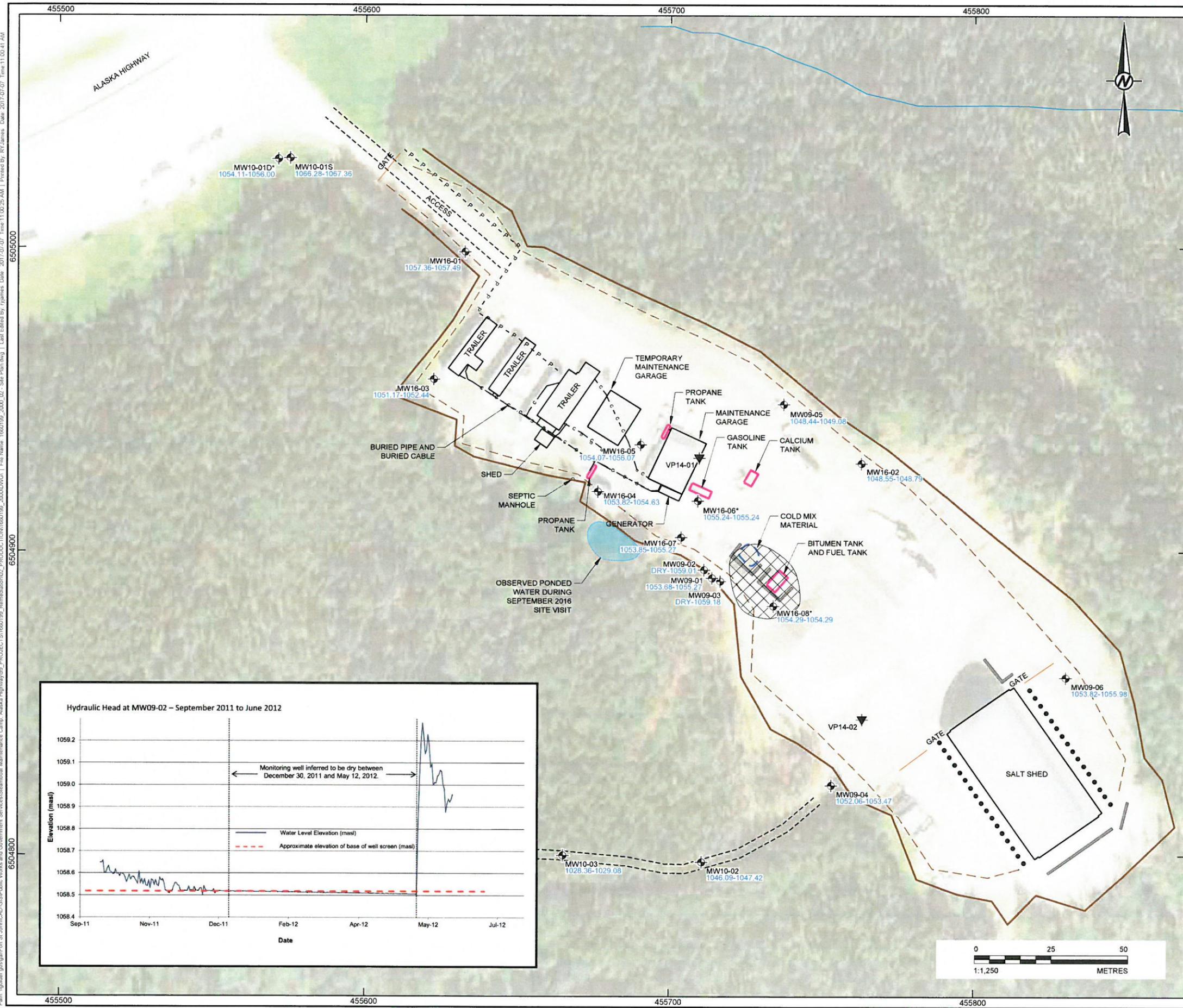
TITLE
 KEY PLAN

PROJECT No. 1660199 Rev. 0 DRAWING 1



25 mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSIA

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LEGEND

| | |
|----------|---|
| [Symbol] | STRUCTURE |
| [Symbol] | OBSERVED PONDED WATER DURING SEPTEMBER 2016 SITE VISIT |
| [Symbol] | AREA WHERE DRUMS PREVIOUSLY ENCOUNTERED DURING TEST PITTING |
| [Symbol] | CONCRETE BARRIER |
| [Symbol] | DRAINAGE |
| [Symbol] | TREELINE |
| [Symbol] | CREST OF SLOPE |
| [Symbol] | POWERLINE |
| [Symbol] | BURIED CABLE |
| [Symbol] | BURIED PIPE |
| [Symbol] | ABOVE GROUND STORAGE TANK |
| [Symbol] | COLD MIX MATERIAL |
| [Symbol] | FENCELINE / GATE |
| [Symbol] | EDGE OF ROAD |
| [Symbol] | MEASURED RANGE OF HYDRAULIC HEAD (2009 TO 2016; masl) |
| [Symbol] | UTILITY PEDESTAL |
| [Symbol] | GROUNDWATER MONITORING WELL LOCATION |
| [Symbol] | * INDICATES A DECOMMISSIONED WELL |
| [Symbol] | APPROXIMATE SOIL VAPOUR MONITORING WELL LOCATION |
| [Symbol] | ANCHOR PILE |

- NOTES**
- BUILDINGS/INFRASTRUCTURE ARE AS OF SEPTEMBER 9, 2016 AND ARE BASED ON GOLDER SITE OBSERVATIONS AND A SURVEY CONDUCTED BY VECTOR GEOMATICS LAND SURVEYING LTD.
 - FOR DETAILS REGARDING TEST HOLE GEOLOGY SEE APPENDICES
 - LOCATION AND DIMENSIONS OF THE TEMPORARY MAINTENANCE GARAGE ARE APPROXIMATE
 - ABOVE GROUND STORAGE TANKS TO BE MOVED BY PWGSC ON-SITE MAINTENANCE CONTRACTOR PRIOR TO REMEDIAL EXCAVATION. NEW LOCATIONS TO BE DETERMINED.
 - THE TWO MAINTENANCE GARAGES AND ANY ASSOCIATED SUB SLAB MATERIAL TO BE DEMOLISHED/REMOVED BY PWGSC ON-SITE MAINTENANCE CONTRACTOR.
 - masl = METRES ABOVE SEA LEVEL
 - DRUMS/BURIED METAL DEBRIS POSSIBLE IN OTHER PORTIONS OF SITE.
 - ANY POTENTIAL GROUNDWATER ENCOUNTERED IN THE EXCAVATION, OR OTHER WATER THAT REQUIRES REMOVAL TO CARRY OUT THE INTENDED WORK, WILL BE COLLECTED AND MANAGED IN ACCORDANCE WITH THE APPLICABLE ENVIRONMENTAL LEGISLATION.
 - SUBSURFACE UTILITIES IDENTIFIED ON THIS FIGURE ARE APPROXIMATE AND BASED ON SURFACE FLAGGING AT THE TIME OF A 2016 SITE VISIT AND THE LOCATION OF ABOVE GROUND UTILITY PEDESTALS. UTILITY LOCATIONS TO BE CONFIRMED BY CONTRACTOR PRIOR TO EXCAVATION.
 - THE INCLUDED CHART PRESENTING HYDRAULIC HEAD AT MW09-02 IS BASED ON DAILY READINGS IN A PRESSURE TRANSDUCER INSTALLED IN THE WELL. THE DATA IS INCLUDED TO SHOW THE FLUCTUATION IN WATER LEVEL FOLLOWING SPRING FRESHET. THIS WATER IS POTENTIALLY PERCHED FOLLOWING INFILTRATION EVENTS (SNOW MELT AND RAINFALL).

- REFERENCES**
- SURVEY PLAN OBTAINED FROM VECTOR GEOMATICS LAND SURVEYING LTD. CAD FILE: 1609392SP_R0_EMAIL.DWG. DATED: SEPTEMBER 9, 2016.
 - BACKGROUND IMAGE SUPPLIED BY AND SOURCED UNDER LICENSE FROM BING IMAGES FOR ARCMAP ON: MARCH 28, 2017 IMAGE DATE: JULY, 2010 IMAGE GEOREFERENCED BY GOLDER AND INTENDED FOR INDICATIVE PURPOSES ONLY
 - KEY PLAN BACKGROUND AND BASE MAPPING FROM CANMATRIX 1:50000 NTS - 94/J12 CANVEC DATA OBTAINED FROM GEOGRATIS, CENTRE FOR TOPOGRAPHIC INFORMATION (NRCAN, ESS) DEPARTMENT OF NATURAL RESOURCES, CANADA
 - DRAINAGE DATA PROVIDED BY CANVEC
 - DATUM: NAD83 PROJECTION: UTM ZONE 10.

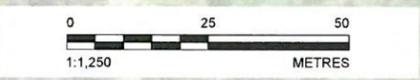
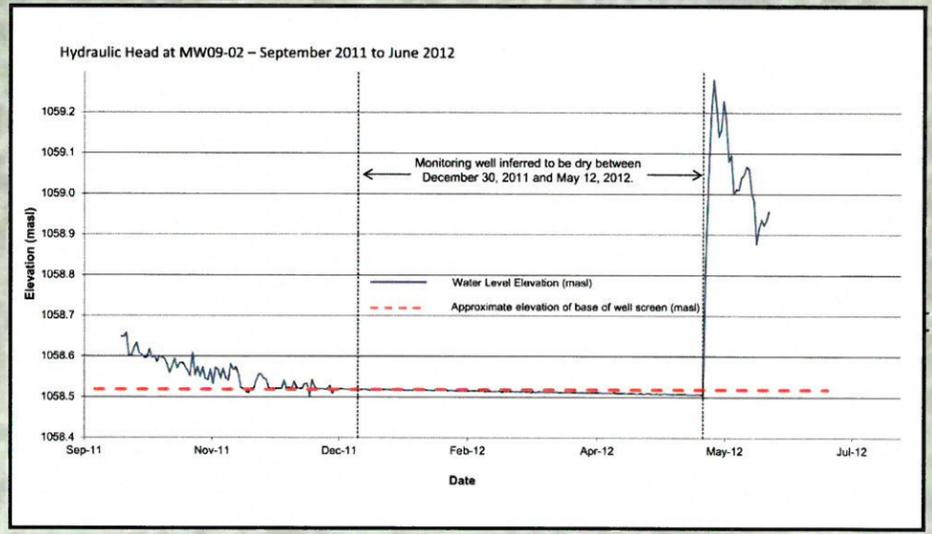
CLIENT
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

PROJECT
STEAMBOAT MAINTENANCE CAMP, KILOMETRE 537.9 ALASKA HIGHWAY, B.C.

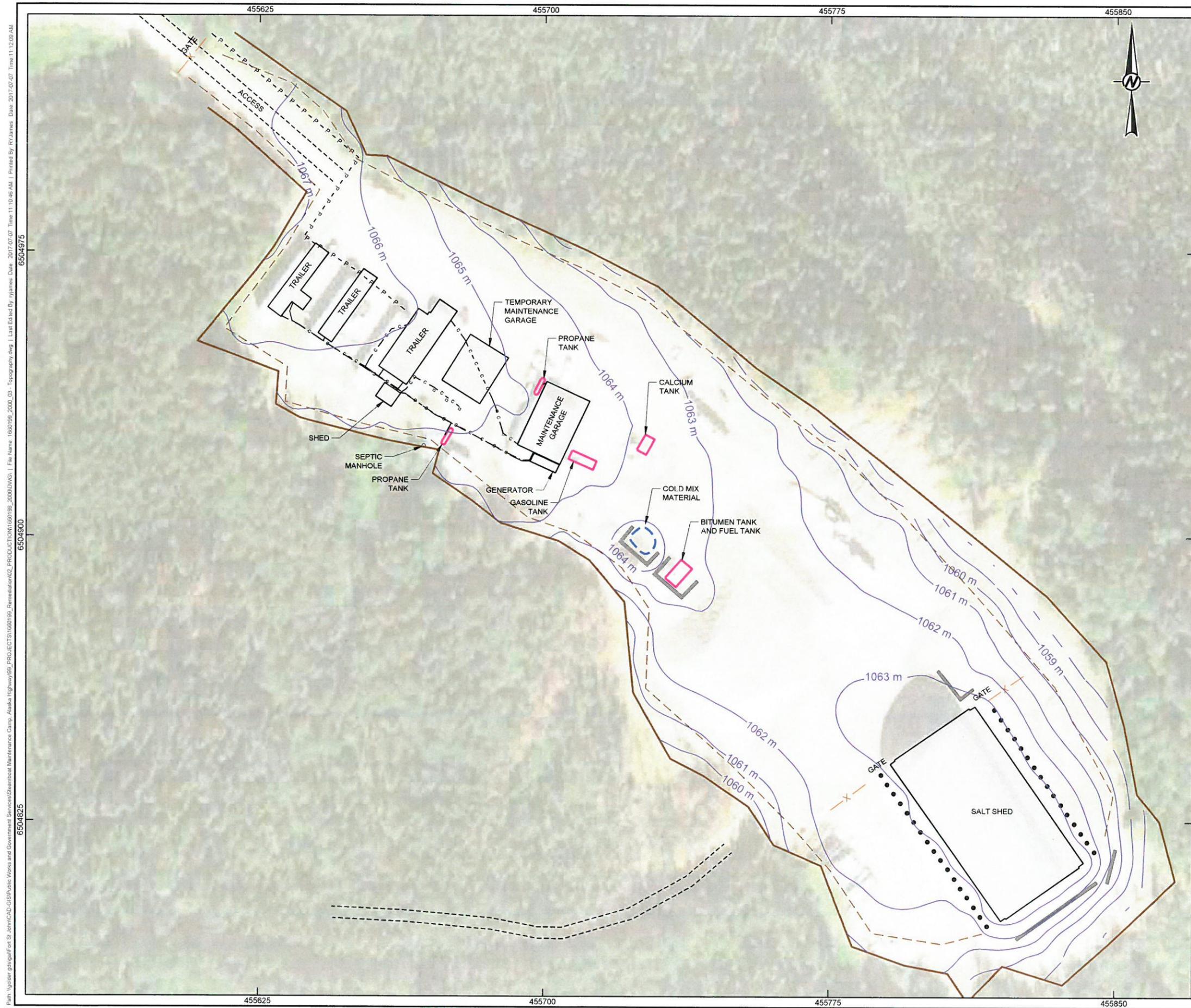
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SITE PLAN - INFRASTRUCTURE AND RESTRICTIONS

| | | |
|------------|--|------------|
| CONSULTANT | | 2017-07-07 |
| | | AV |
| | | RTJ |
| | | AM |
| | | JL |

PROJECT NO. 1660199
 REV. 0
 DRAWING 2



IF THE MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN ADJUSTED FROM ANSI B

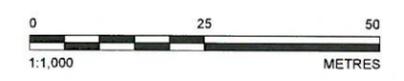


LEGEND

| | |
|----------|---|
| [Symbol] | STRUCTURE |
| [Symbol] | CONCRETE BARRIER |
| [Symbol] | TREELINE |
| [Symbol] | CREST OF SLOPE |
| [Symbol] | POWERLINE |
| [Symbol] | BURIED CABLE |
| [Symbol] | BURIED PIPE |
| [Symbol] | ABOVE GROUND STORAGE TANK |
| [Symbol] | COLD MIX MATERIAL |
| [Symbol] | FENCELINE / GATE |
| [Symbol] | EDGE OF ROAD |
| [Symbol] | GROUND SURFACE ELEVATION CONTOUR (masl) |
| [Symbol] | UTILITY PEDESTAL |
| [Symbol] | ANCHOR PILE |

- NOTES**
- BUILDINGS/INFRASTRUCTURE ARE AS OF SEPTEMBER 9, 2016 AND ARE BASED ON GOLDER SITE OBSERVATIONS AND A SURVEY CONDUCTED BY VECTOR GEOMATICS LAND SURVEYING LTD.
 - LOCATION AND DIMENSIONS OF THE TEMPORARY MAINTENANCE GARAGE ARE APPROXIMATE
 - THE TOPOGRAPHY PRESENTED IS BASED ON LIMITED SURVEY POINTS COLLECTED BY VECTOR GEOMATICS LAND SURVEYING LTD. AT SELECT TEST HOLE LOCATIONS AND ALONG FIVE TRANSECTS ACROSS THE SITE. ACTUAL CONDITIONS MAY VARY FROM THOSE INTERPRETED.
 - masl = METRES ABOVE SEA LEVEL

- REFERENCES**
- SURVEY PLAN OBTAINED FROM VECTOR GEOMATICS LAND SURVEYING LTD. CAD FILE: 1609392SP_R0_EMAIL.DWG, DATED: SEPTEMBER 9, 2016.
 - BACKGROUND IMAGE SUPPLIED BY AND SOURCED UNDER LICENSE FROM BING IMAGES FOR ARCMAP ON : MARCH 28, 2017 IMAGE DATE: JULY, 2010 IMAGE GEOREFERENCED BY GOLDER AND INTENDED FOR INDICATIVE PURPOSES ONLY DATUM: NAD83 PROJECTION: UTM ZONE 10.



CLIENT
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

PROJECT
STEAMBOAT MAINTENANCE CAMP, KILOMETRE 537.9
ALASKA HIGHWAY, B.C.

TITLE
SITE TOPOGRAPHY

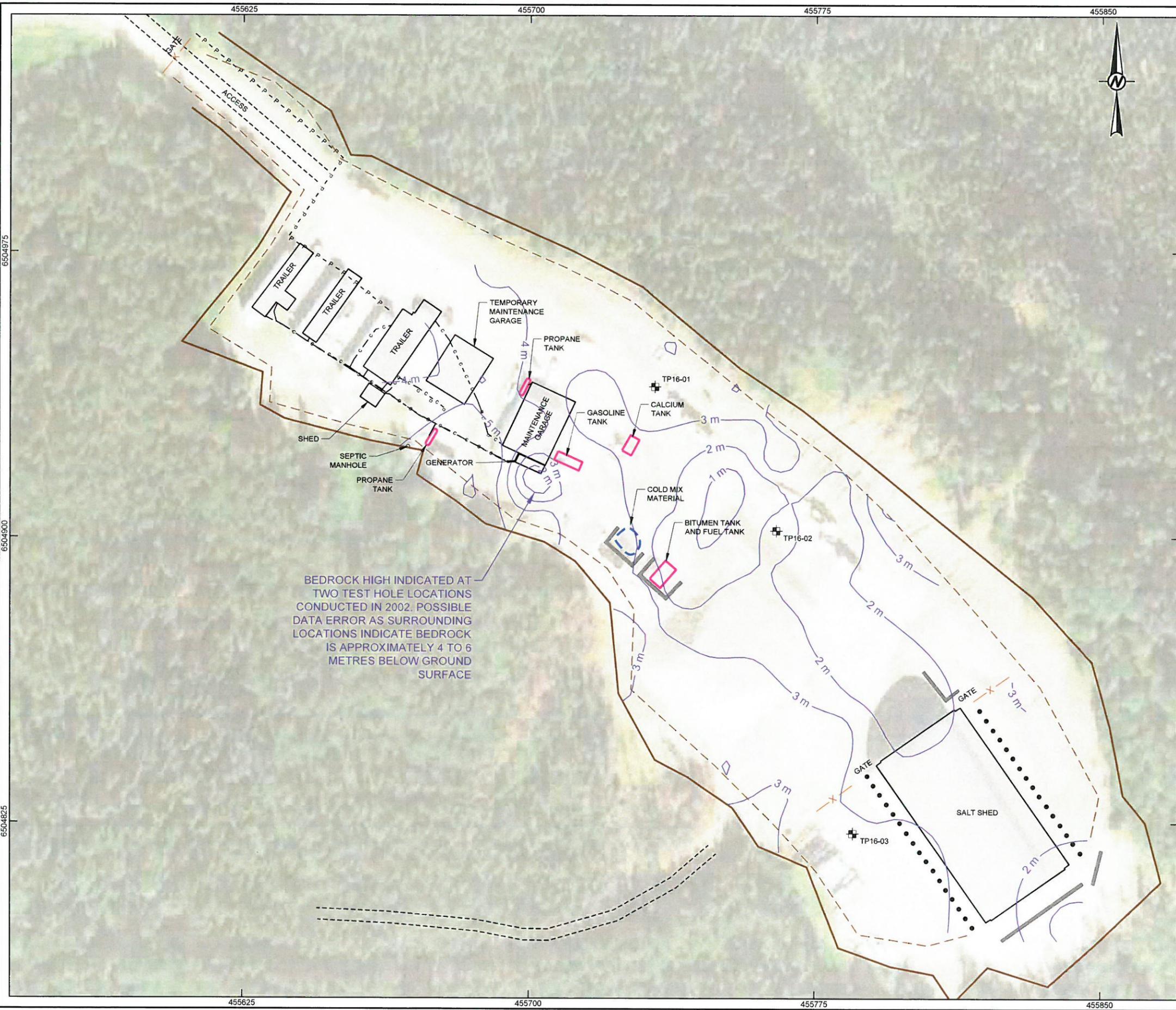
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| CONSULTANT | | 2017-07-07 |
| DESIGNED | | AV |
| PREPARED | | RTJ |
| REVIEWED | | AM |
| APPROVED | | JL |

PROJECT NO. 1660199
REV. 0
DRAWING 3

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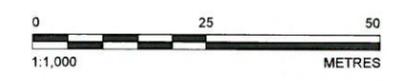
BEDROCK HIGH INDICATED AT
 TWO TEST HOLE LOCATIONS
 CONDUCTED IN 2002. POSSIBLE
 DATA ERROR AS SURROUNDING
 LOCATIONS INDICATE BEDROCK
 IS APPROXIMATELY 4 TO 6
 METRES BELOW GROUND
 SURFACE

LEGEND

- STRUCTURE
- CONCRETE BARRIER
- TREELINE
- CREST OF SLOPE
- POWERLINE
- BURIED CABLE
- BURIED PIPE
- ABOVE GROUND STORAGE TANK
- COLD MIX MATERIAL
- FENCELINE / GATE
- EDGE OF ROAD
- DEPTH TO BEDROCK CONTOUR (METRES BELOW GROUND SURFACE)
- UTILITY PEDESTAL
- ANCHOR PILE
- TEST PIT LOCATION USED FOR ASSESSMENT OF BEDROCK RIPPIABILITY

- NOTES**
1. BUILDINGS/INFRASTRUCTURE ARE AS OF SEPTEMBER 9, 2016 AND ARE BASED ON GOLDER SITE OBSERVATIONS AND A SURVEY CONDUCTED BY VECTOR GEOMATICS LAND SURVEYING LTD.
 2. LOCATION AND DIMENSIONS OF THE TEMPORARY MAINTENANCE GARAGE ARE APPROXIMATE
 3. THE DEPTH TO BEDROCK IS BASED ON LIMITED MEASUREMENTS DURING DRILLING OF TEST HOLES. ACTUAL CONDITIONS MAY BE DIFFERENT FROM THOSE INTERPRETED
 4. FOR DETAILS REGARDING TEST HOLE GEOLOGY RESULTS SEE APPENDICES
 5. BEDROCK HIGH INDICATED AT TWO TEST HOLE LOCATIONS CONDUCTED IN 2002. POSSIBLE DATA ERROR AS SURROUNDING LOCATIONS INDICATE BEDROCK IS APPROXIMATELY 4 TO 6 METRES BELOW GROUND SURFACE.
 6. BEDROCK RIPPIABILITY WAS ASSESSED AT THREE TEST PITS, TP16-01, TP16-02 AND TP16-03. USING A JOHN DEERE 250G LC EXCAVATOR EQUIPPED WITH A 1 m WIDE TOOTHED BUCKET, PRACTICAL REFUSAL WAS ENCOUNTERED WITHIN 0.1 m (TP16-03), 0.3 m (TP16-02) AND 2.0 m (TP16-01) OF THE TOP OF BEDROCK.

- REFERENCES**
1. SURVEY PLAN OBTAINED FROM VECTOR GEOMATICS LAND SURVEYING LTD. CAD FILE: 1609392SP_R0_EMAIL.DWG. DATED: SEPTEMBER 9, 2016.
 2. BACKGROUND IMAGE SUPPLIED BY AND SOURCED UNDER LICENSE FROM BING IMAGES FOR ARCMAP ON: MARCH 28, 2017 IMAGE DATE: JULY, 2010 IMAGE GEOREFERENCED BY GOLDER AND INTENDED FOR INDICATIVE PURPOSES ONLY DATUM: NAD83 PROJECTION: UTM ZONE 10.
 - 3.



CLIENT
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

PROJECT
**STEAMBOAT MAINTENANCE CAMP, KILOMETRE 537.9
 ALASKA HIGHWAY, B.C.**

TITLE
INFERRED DEPTH TO BEDROCK

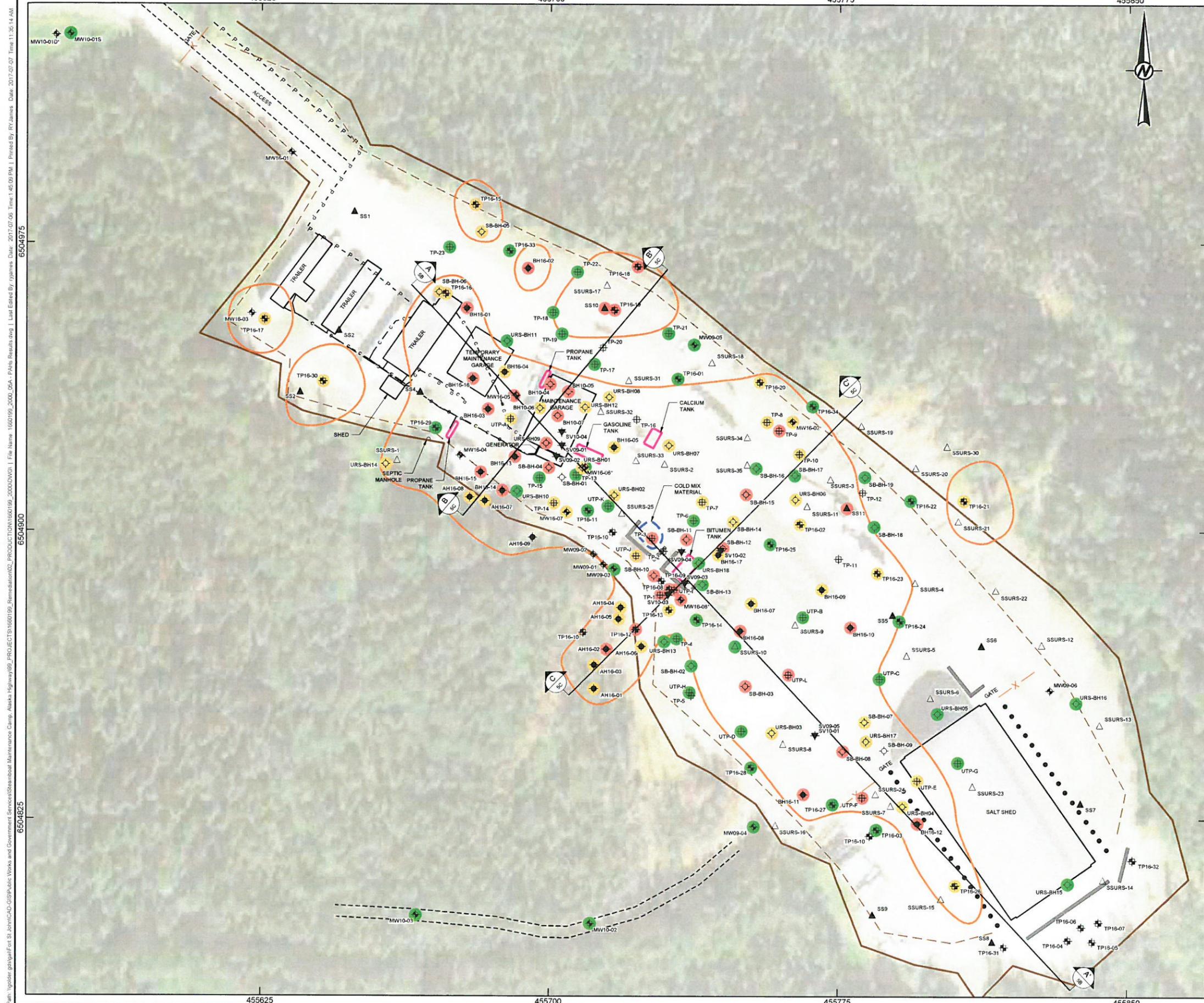
CONSULTANT
Golder Associates

YYY-MM-DD
 2017-07-07

DESIGNED AV
 PREPARED RTJ
 REVIEWED AM
 APPROVED JL

PROJECT NO. 1660199
 REV. 0
 DRAWING 4

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B

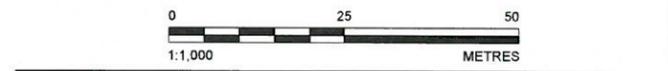


LEGEND

- STRUCTURE
- CONCRETE BARRIER
- TREELINE
- CREST OF SLOPE
- POWERLINE
- BURIED CABLE
- BURIED PIPE
- ABOVE GROUND STORAGE TANK
- COLD MIX MATERIAL
- FENCELINE / GATE
- EDGE OF ROAD
- INFERRED EXTENT OF PETROLEUM HYDROCARBON AND VOC CONTAMINATION IN SOIL ABOVE CSR RLIL STANDARDS AND/OR CCME RLIL GUIDELINES. SOME AREAS NOT FULLY DELINEATED.
- ANCHOR PILE
- MONITORING WELL LOCATION
- * INDICATES A DECOMMISSIONED WELL
- APPROXIMATE BOREHOLE LOCATION (2016)
- APPROXIMATE TEST PIT LOCATION (2016)
- APPROXIMATE SURFICIAL SOIL SAMPLE LOCATION (2016)
- APPROXIMATE SOIL VAPOUR LOCATION (2002-2015)
- APPROXIMATE BOREHOLE LOCATION (2002-2015)
- APPROXIMATE TEST PIT LOCATION (2002-2015)
- APPROXIMATE SURFICIAL SOIL SAMPLE LOCATION (2002-2015)
- MEASURED CONCENTRATIONS OF PETROLEUM HYDROCARBON AND/OR VOC PARAMETERS IN SOIL BELOW THE CSR RLIL STANDARDS AND CCME RLIL GUIDELINES
- MEASURED CONCENTRATION OF ONE OR MORE PETROLEUM HYDROCARBON AND/OR VOC PARAMETERS IN SOIL ABOVE THE CCME RLIL GUIDELINES
- MEASURED CONCENTRATION OF ONE OR MORE PETROLEUM HYDROCARBON AND/OR VOC PARAMETERS IN SOIL ABOVE THE CSR RLIL STANDARD. MEASURED CONCENTRATIONS MAY ALSO BE ABOVE THE CCME RLIL GUIDELINES

- NOTES**
- BUILDINGS/INFRASTRUCTURE ARE AS OF SEPTEMBER 9, 2016 AND ARE BASED ON GOLDER SITE OBSERVATIONS AND A SURVEY CONDUCTED BY VECTOR GEOMATICS LAND SURVEYING LTD.
 - FOR DETAILS REGARDING TEST HOLE GEOLOGY AND SOIL CHEMISTRY RESULTS SEE APPENDICES
 - LOCATION AND DIMENSIONS OF THE TEMPORARY MAINTENANCE GARAGE ARE APPROXIMATE
 - CONTAMINATED SITES REGULATION (CSR) - STANDARDS ARE FROM THE CONTAMINATED SITES REGULATION B.C. REG. 375/96, O.C. 1480/96 AND M271/2004 INCLUDING AMENDMENTS UP TO MINISTERIAL ORDER NO. M426 (ALSO REFERRED TO AS STAGE 10 AMENDMENTS, OR OMNIBUS), INCLUDING UP TO ERRATA VERSION 2 (JANUARY 27, 2017), CANADIAN COUNCIL OF MINISTERS OF THE ENVIRONMENT (CCME) - CANADA WIDE STANDARDS FOR PETROLEUM HYDROCARBONS (PHC) IN SOIL (JANUARY 2008) AND CANADIAN SOIL QUALITY GUIDELINES FOR THE PROTECTION OF ENVIRONMENTAL AND HUMAN HEALTH POLYCYCLIC AROMATIC HYDROCARBONS (2010).
 - VOC = VOLATILE ORGANIC COMPOUNDS, RL = RESIDENTIAL LAND USE, IL = INDUSTRIAL LAND USE
 - LIGHT NON AQUEOUS PHASE LIQUID HAS NOT BEEN ENCOUNTERED DURING SOIL INVESTIGATIONS BUT IT IS CONSIDERED POSSIBLE TO BE PRESENT AT THE CONTACT BETWEEN OVERBURDEN AND BEDROCK

- REFERENCE**
- SURVEY PLAN OBTAINED FROM VECTOR GEOMATICS LAND SURVEYING LTD. CAD FILE: 1609392SP_R0_EMAIL.DWG. DATED: SEPTEMBER 9, 2016.
 - BACKGROUND IMAGE SUPPLIED BY AND SOURCED UNDER LICENSE FROM BING IMAGES FOR ARCMAP ON: MARCH 28, 2017 IMAGE DATE: JULY, 2010 IMAGE GEOREFERENCED BY GOLDER AND INTENDED FOR INDICATIVE PURPOSES ONLY DATUM: NAD83 PROJECTION: UTM ZONE 10.



CLIENT
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

PROJECT
STEAMBOAT MAINTENANCE CAMP, KILOMETRE 537.9
ALASKA HIGHWAY, B.C.

TITLE
SUMMARY OF PETROLEUM HYDROCARBON AND VOLATILE ORGANIC COMPOUND ANALYTICAL RESULTS IN SOIL

| | | |
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| CONSULTANT | YYY-MM-DD | 2017-07-07 |
| DESIGNED | AV | |
| PREPARED | RTJ | |
| REVIEWED | AM | |
| APPROVED | JL | |



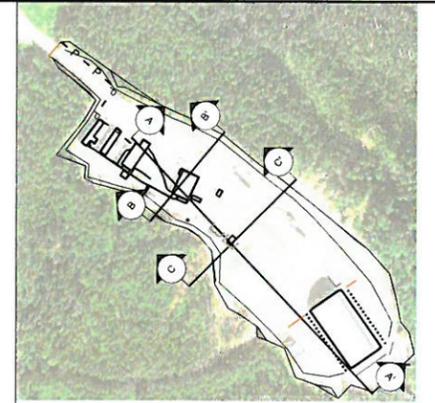
PROJECT NO.
1660199

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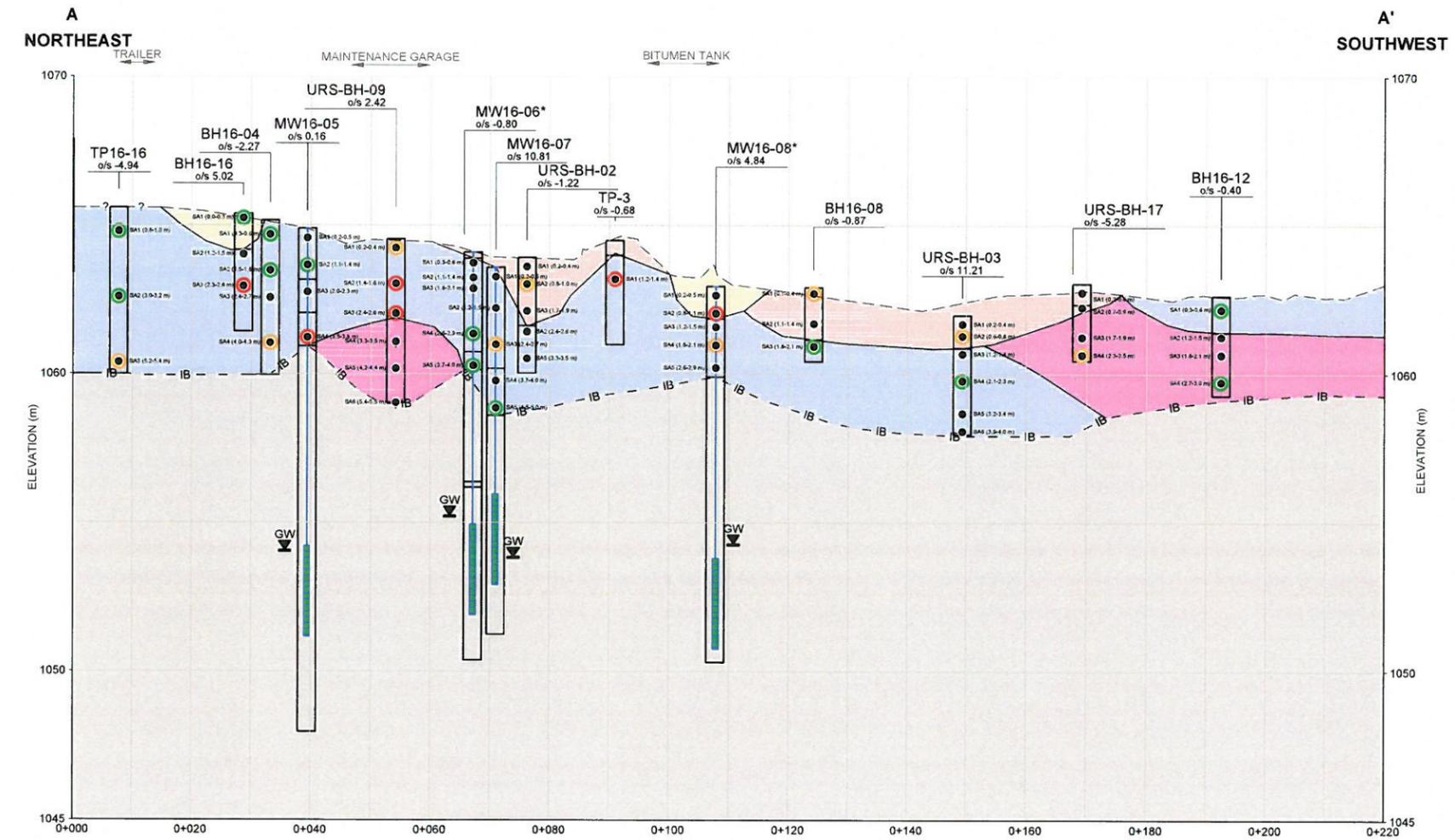
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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM A3S/B



KEY PLAN
SCALE 1:5000



1 SECTION A-A'

LEGEND

- SA1 ● SOIL SAMPLE
- ▼ MEASURED HYDRAULIC HEAD (SEPTEMBER/NOVEMBER 2016)
- MEASURED CONCENTRATION OF ONE OR MORE PETROLEUM HYDROCARBON AND/OR VOC PARAMETERS IN SOIL ABOVE THE CSR RLJIL STANDARD. MEASURED CONCENTRATIONS MAY ALSO BE ABOVE THE CCME RLJIL STANDARD.
- MEASURED CONCENTRATION OF ONE OR MORE PETROLEUM HYDROCARBON AND/OR VOC PARAMETERS IN SOIL ABOVE THE CCME RLJIL GUIDELINES.
- MEASURED CONCENTRATIONS OF PETROLEUM HYDROCARBON OF VOC PARAMETERS IN SOIL BELOW THE CSR RLJIL STANDARDS AND CCME RLJIL GUIDELINES.
- * INDICATES A DECOMMISSIONED WELL
- MONITORING WELL SCREEN INTERVAL
- MEASURED CONCENTRATIONS OF PETROLEUM HYDROCARBON OF VOC PARAMETERS IN GROUNDWATER BELOW THE CSR STANDARDS AND FIGQ AND/OR HEALTH CANADA DW GUIDELINES.
- MEASURED CONCENTRATION OF ONE OR MORE PETROLEUM HYDROCARBON AND/OR VOC PARAMETERS IN GROUNDWATER ABOVE THE FIGQ AND/OR HEALTH CANADA DW GUIDELINES.
- MEASURED CONCENTRATION OF ONE OR MORE PETROLEUM HYDROCARBON AND/OR VOC PARAMETERS IN GROUNDWATER ABOVE THE CSR STANDARDS. MEASURED CONCENTRATIONS MAY ALSO BE ABOVE THE FIGQ AND/OR HEALTH CANADA DW GUIDELINES.

SOIL LITHOLOGY

- SAND AND GRAVEL
- SAND
- SANDY SILT TO SILTY SAND
- SILT TO CLAY
- IB --- INFERRED BEDROCK

NOTE

1. DEPTHS ARE METERS BELOW GROUND SURFACE AT THE TIME OF SAMPLING.
2. GEOLOGY BETWEEN INVESTIGATION LOCATIONS IS INFERRED AND MAY VARY.
3. FOR DETAILS REGARDING TEST HOLE GEOLOGY AND CHEMISTRY RESULTS SEE APPENDICES.
4. CONTAMINATED SITES REGULATION (CSR) - STANDARDS ARE FROM THE CONTAMINATED SITES REGULATION B.C. REG. 375/96, O.C. 1480/96 AND M271/2004 INCLUDING AMENDMENTS UP TO MINISTERIAL ORDER NO. M426 (ALSO REFERRED TO AS STAGE 10 AMENDMENTS, OR OMNIBUS), INCLUDING UP TO ERRATA VERSION 2 (JANUARY 27, 2017).
5. CANADIAN COUNCIL OF MINISTERS OF THE ENVIRONMENT (CCME) - CANADA-WIDE STANDARDS FOR PETROLEUM HYDROCARBONS (PHC) IN SOIL (JANUARY 2008) AND CANADIAN SOIL QUALITY GUIDELINES FOR THE PROTECTION OF ENVIRONMENTAL AND HUMAN HEALTH POLYCYCLIC AROMATIC HYDROCARBONS (2010).
6. FEDERAL INTERIM GROUNDWATER QUALITY GUIDELINES (FIGQ) (MARCH 2014) - THE MOST CONSERVATIVE VALUE OF THE SITE-SPECIFIC EXPOSURE PATHWAYS WERE APPLIED: PROTECTION OF FRESHWATER AQUATIC LIFE, SOIL ORGANISMS DIRECT CONTACT AND INHALATION.
7. BTEX = BENZENE, ETHYLBENZENE, TOLUENE AND XYLENE.
8. WATER LEVELS INDICATE THE LATEST ROUND OF SAMPLING.
9. RL = RESIDENTIAL LAND USE, IL = INDUSTRIAL LAND USE, GW = GROUNDWATER, VOC = VOLATILE ORGANIC COMPOUND, DW = DRINKING WATER.

REFERENCES

1. SURVEY PLAN OBTAINED FROM VECTOR GEOMATICS LAND SURVEYING LTD. CAD FILE: 1609392SP_R0_EMAIL.DWG. DATED: SEPTEMBER 9, 2016. DATUM: NAD83, PROJECTION: ZONE 10.
2. IMAGERY OBTAINED FROM BING, IMAGERY YEAR 2017. DATUM: NAD83 PROJECTION: UTM ZONE 10.

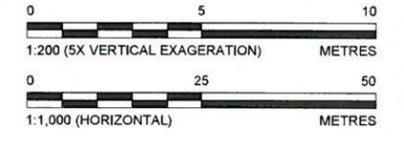
CLIENT

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

CONSULTANT



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| YYYY-MM-DD | 2017-07-07 |
| DESIGNED | AV |
| PREPARED | JF |
| REVIEWED | AV |
| APPROVED | JL |



PROJECT
STEAMBOAT MAINTENANCE CAMP KILOMETRE 537.9
ALASKA HIGHWAY, B.C.

TITLE
SECTION A-A'

PROJECT NO.
1660199

REV.
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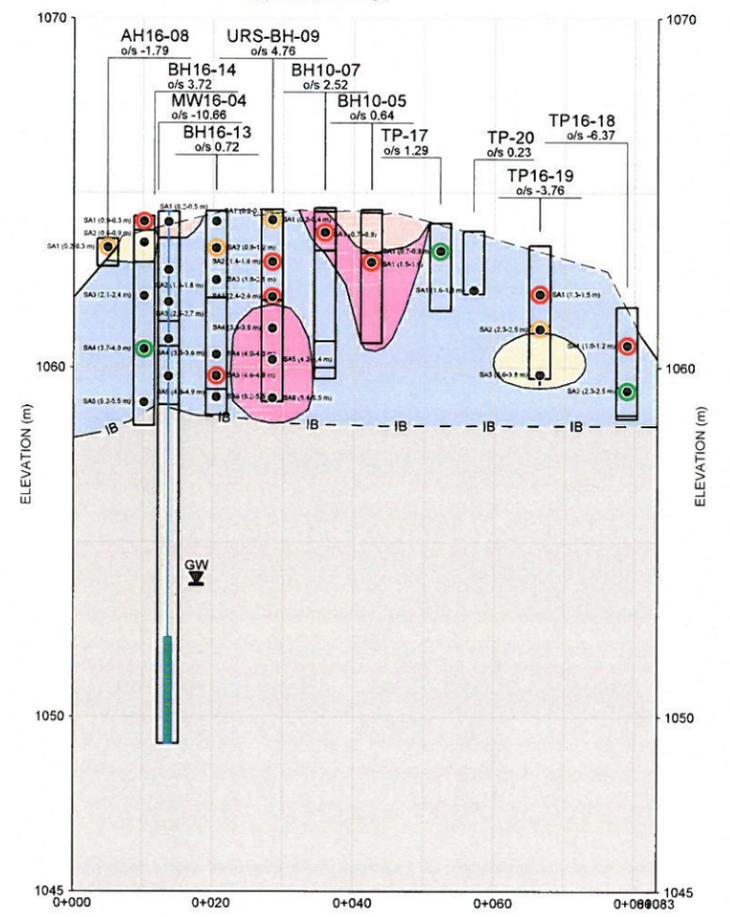
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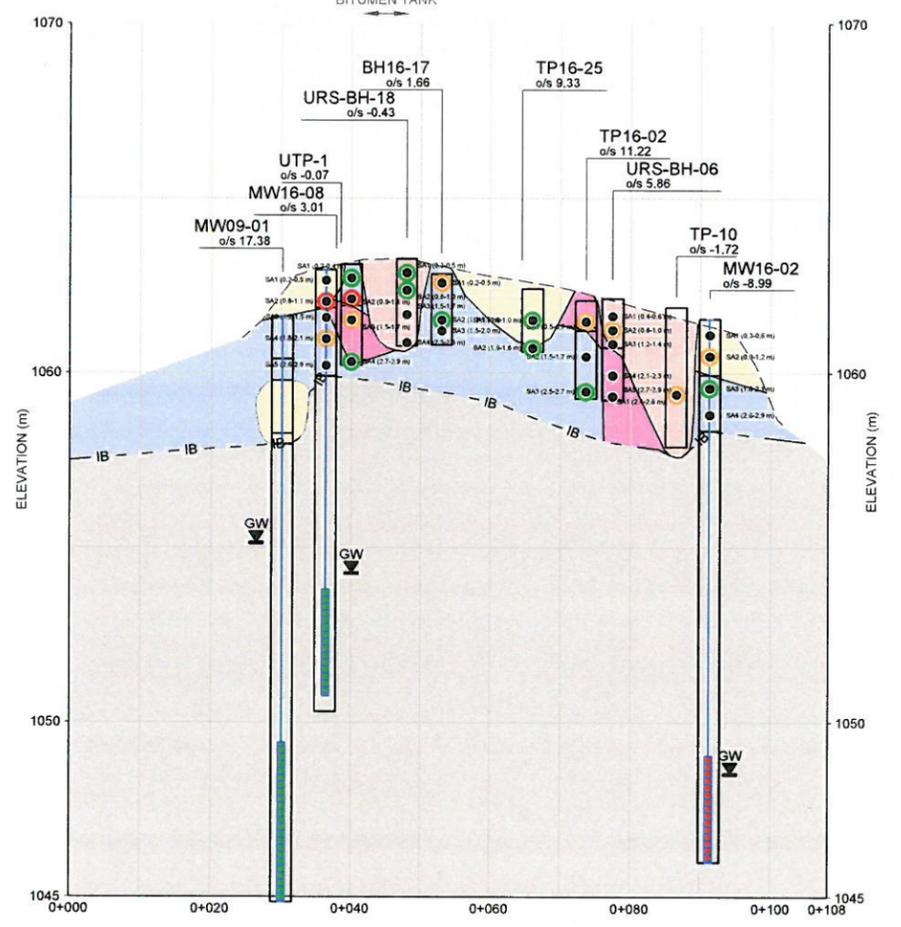
25mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSIB

B **B'**
SOUTHWEST NORTHEAST

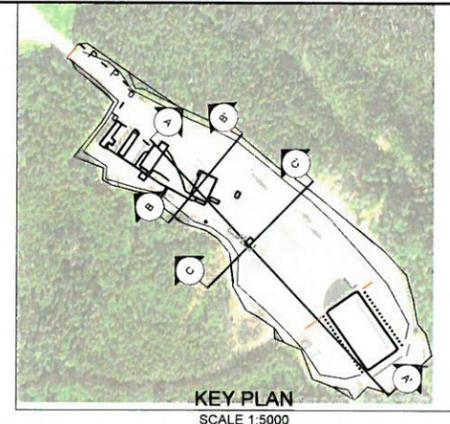


1 SECTION B-B'

C **C'**
SOUTHWEST NORTHEAST



1 SECTION C-C'



LEGEND

- SOIL SAMPLE
- ▼ MEASURED HYDRAULIC HEAD (SEPTEMBER/NOVEMBER 2016)
- SAMPLES WITH ALL HYDROCARBON AND BTEX CONCENTRATIONS LESS THAN APPLICABLE CSR STANDARDS AND CCME GUIDELINES
- SAMPLES WITH ONE OR MORE HYDROCARBON AND/OR BTEX CONCENTRATIONS GREATER THAN APPLICABLE CCME GUIDELINES, NO CSR STANDARDS WERE EXCEEDED
- SAMPLES WITH ONE OR MORE HYDROCARBON AND/OR BTEX CONCENTRATIONS GREATER THAN APPLICABLE CSR STANDARDS, CCME GUIDELINES MAY OR MAY NOT BE EXCEEDED
- MONITORING WELL SCREEN INTERVAL
- MEASURED CONCENTRATIONS OF PETROLEUM HYDROCARBON OF VOC PARAMETERS IN GROUNDWATER BELOW THE CSR STANDARDS AND FIGQ AND/OR HEALTH CANADA DW GUIDELINES.
- MEASURED CONCENTRATION OF ONE OR MORE PETROLEUM HYDROCARBON AND/OR VOC PARAMETERS IN GROUNDWATER ABOVE THE FIGQ AND/OR HEALTH CANADA DW GUIDELINES.
- MEASURED CONCENTRATION OF ONE OR MORE PETROLEUM HYDROCARBON AND/OR VOC PARAMETERS IN GROUNDWATER ABOVE THE CSR STANDARDS. MEASURED CONCENTRATIONS MAY ALSO BE ABOVE THE FIGQ AND/OR HEALTH CANADA DW GUIDELINES.

SOIL LITHOLOGY

- SAND AND GRAVEL
- SAND
- SANDY SILT TO SILTY SAND
- SILT TO CLAY
- - - - - INFERRED BEDROCK

NOTE

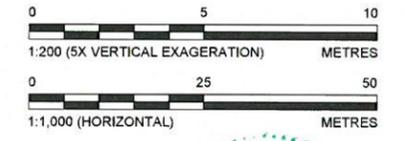
1. DEPTHS ARE METERS BELOW GROUND SURFACE AT THE TIME OF SAMPLING.
2. GEOLOGY BETWEEN INVESTIGATION LOCATIONS IS INFERRED AND MAY VARY.
3. FOR DETAILS REGARDING TEST HOLE GEOLOGY AND CHEMISTRY RESULTS SEE APPENDICES.
4. CONTAMINATED SITES REGULATION (CSR) - STANDARDS ARE FROM THE CONTAMINATED SITES REGULATION B.C.REG. 375/96, O.C. 1480/96 AND M271/2004 INCLUDING AMENDMENTS UP TO MINISTERIAL ORDER NO. M426 (ALSO REFERRED TO AS STAGE 10 AMENDMENTS, OR OMNIBUS), INCLUDING UP TO ERRATA VERSION 2 (JANUARY 27, 2017).
5. CANADIAN COUNCIL OF MINISTERS OF THE ENVIRONMENT (CCME) - CANADA-WIDE STANDARDS FOR PETROLEUM HYDROCARBONS (PHC) IN SOIL (JANUARY 2008) AND CANADIAN SOIL QUALITY GUIDELINES FOR THE PROTECTION OF ENVIRONMENTAL AND HUMAN HEALTH POLYCYCLIC AROMATIC HYDROCARBONS (2010).
6. FEDERAL INTERIM GROUNDWATER QUALITY GUIDELINES (FIGQ)(MARCH 2014) - THE MOST CONSERVATIVE VALUE OF THE SITE-SPECIFIC EXPOSURE PATHWAYS WERE APPLIED: PROTECTION OF FRESHWATER AQUATIC LIFE, SOIL ORGANISMS DIRECT CONTACT AND INHALATION. BTEX = BENZENE, ETHYLBENZENE, TOLUENE AND XYLENE.
7. WATER LEVELS INDICATE THE LATEST ROUND OF SAMPLING.
8. RL = RESIDENTIAL LAND USE, IL = INDUSTRIAL LAND USE, GW = GROUNDWATER, VOC = VOLATILE ORGANIC COMPOUND, DW = DRINKING WATER

REFERENCES

1. SURVEY PLAN OBTAINED FROM VECTOR GEOMATICS LAND SURVEYING LTD., CAD FILE: 1609392SP_R0_EMAIL.DWG, DATED: SEPTEMBER 9, 2016, DATUM: NAD83, PROJECTION: ZONE 10.
2. IMAGERY OBTAINED FROM BING, IMAGERY YEAR 2017, DATUM: NAD83 PROJECTION: UTM ZONE 10.

CLIENT
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

| | | |
|------------|------------|------------|
| CONSULTANT | YYYY-MM-DD | 2017-07-07 |
| | DESIGNED | AV |
| | PREPARED | JF |
| | REVIEWED | AV |
| | APPROVED | JL |



PROJECT
STEAMBOAT MAINTENANCE CAMP, KILOMETRE 537.9 ALASKA HIGHWAY, B.C.

TITLE
SECTIONS B-B' AND C-C'

| | | |
|-------------|------|---------|
| PROJECT NO. | REV. | DRAWING |
| 1660199 | 0 | 5C |



Path: \\golder-gta\share\mab\CAD-GIS\Client\PM\GSC\Steamboat_Alaska\highway_BC09_PROJECT\B119919902_PRODUCT\042000DWG_I_File Name: 1660199-2000-002-SECTION B-B.dwg

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN ADJUSTED FROM ANSIB