CUMBERLAND
RESOURCES LTD.

Golder Associates

SPECIFICATION

The document revision number is indicated below. Please replace all revised pages of this document and destroy the superseded copies.

PROJECT:	MEADOWBANK GOLD PROJECT	NO: SP-GAL-02	REV 0
PROJECT NO:	06-1413-009		
TITLE:	MEADOWBANK FUEL TANK FARM		

ISSUED FOR	REV No.	ORIGIN	DATE OUT	DATE IN	ISSUED-PAGES/SECTIONS		INITIAL
Construction	0	WJP	28Apr06				

New Issue x

Revised Sheets Only Attached _____

Entire Document Re-issued _____

FINAL DOCUMENT APPROVAL

CUMBERLAND APPROVAL

Project Manager _____

Date: _____

Engineering Lead _____

Date: _____

GOLDER APPROVAL

Project Manager _____

Date: _____

Engineering Manager _____

Date: _____

Discipline Area Lead

Date:

Originator

Date:

REGISTERED PROFESSIONAL ENGINEER W.J. MURPHY LICENSEE NWT/NU

28Apr06

graded so that spillage that may occur will be conveyed toward the fuel tank farm facility to be contained there.

4.0 CLOSING REMARKS

Additional information and data relating to any or all of the geotechnical investigations at the site are available on request.

Yours very truly,

GOLDER ASSOCIATES LTD.

William J. Purdy, P. Eng.
Associate, Mining Group

Cameron Clayton, M. Eng., P. Geo.
Associate, Mining Group

WJP\CJC\aaf

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7.0 CONCLUSIONS

The geotechnical comments and recommendations provided in this report are intended as design input for use by AMEC in their design and feasibility assessment of the project infrastructure. It is understood that further design input will be required for the detailed design and subsequent stages.

Currently, it is recommended that additional investigation and geotechnical assessment should be conducted to refine the infrastructure design, namely for the revised tank farm location and air strip alignment, in the next stage of the work.

We trust the information contained in the above report meets your requirements at this time. Please feel free to contact us if you need more detailed information on any of the information presented in the report.

GOLDER ASSOCIATES LTD.

W.J. Purdy, P.Eng.
Senior Geotechnical Engineer

Terry L. Eldridge, P.Eng.
Principal

WJP/TLE/vee/dmb
03-1413-427/4400

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ONSTRUCTION	0
TRUCTION	0
MENT CONTROL ORING PONDS	0
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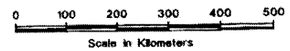
KEY PLAN



PROJECT

CUMBERLAND RESOURCES LTD.

TITLE

TITLE SHEET
MEADOWBANK FUEL TANK FARM

APPROVED FOR CONSTRUCTION

CLIENT PROJECT MGR. – ENGINEERING MGR. – PROJECT MGR. –

PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
–		

PROJECT PHASE

STAMP/SEAL

REGISTERED PROFESSIONAL ENGINEER W.J. PURDY LICENSEE NWT/NU 28 Nov 06

SCALE		BY	DD/MMM/YY
–	DSN.	WJP	28APR06
	DRN.	JK/CJC	28APR06

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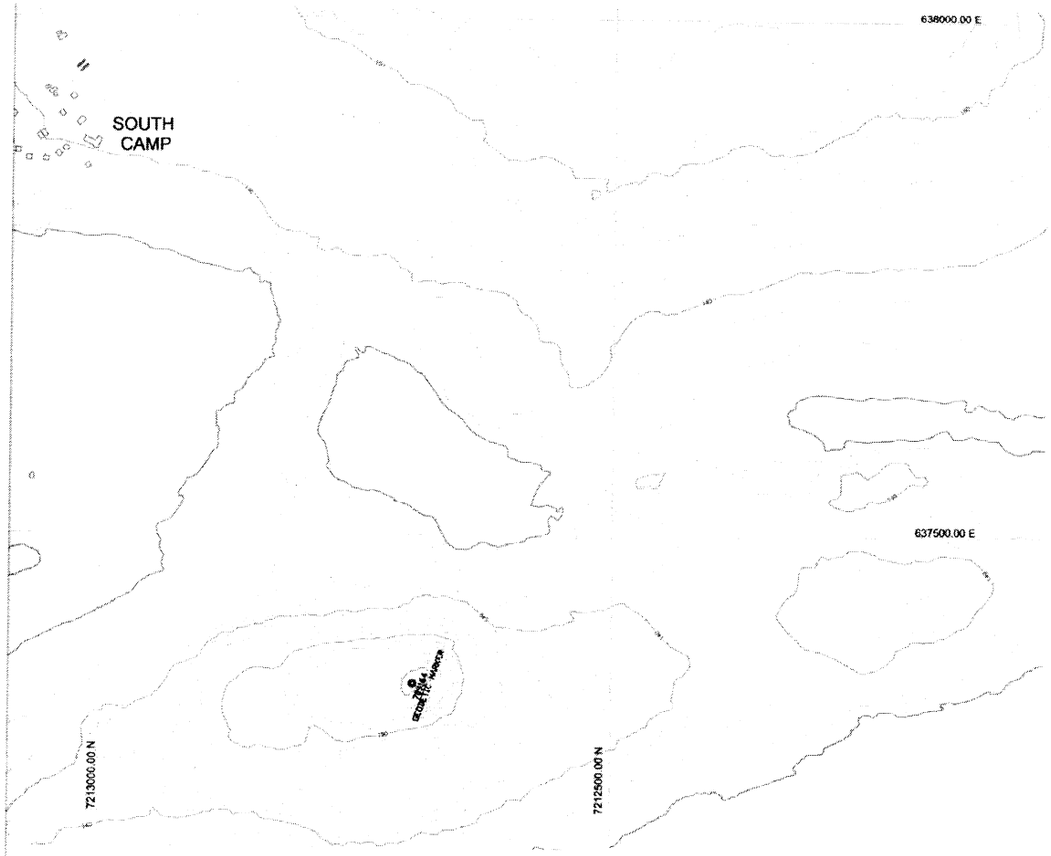
PROJECT No.	FILE No.
06-1413-009	061413009_SK-200

DRAWING NO.	REV.
3000-C-200	0



GEODETIC DATUM, UNLESS OTHERWISE NOTED.

3) THE WORK AREA CONCERNED ONLY WITH THE TANK FARM AND DISPENSING STATION FACILITY.

REFERENCE

1) BASE PLAN INFORMATION IS PROVIDED BY CUMBERLAND DATED FEBRUARY 03, 2006.

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–		

PROJECT PHASE

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DSN.	WJP	28APR06
DRN.	JK/CJC	28APR06

PROJECT

CUMBERLAND RESOURCES LTD.

TITLE

GENERAL ARRANGEMENT PLAN MEADOWBANK FUEL TANK FARM

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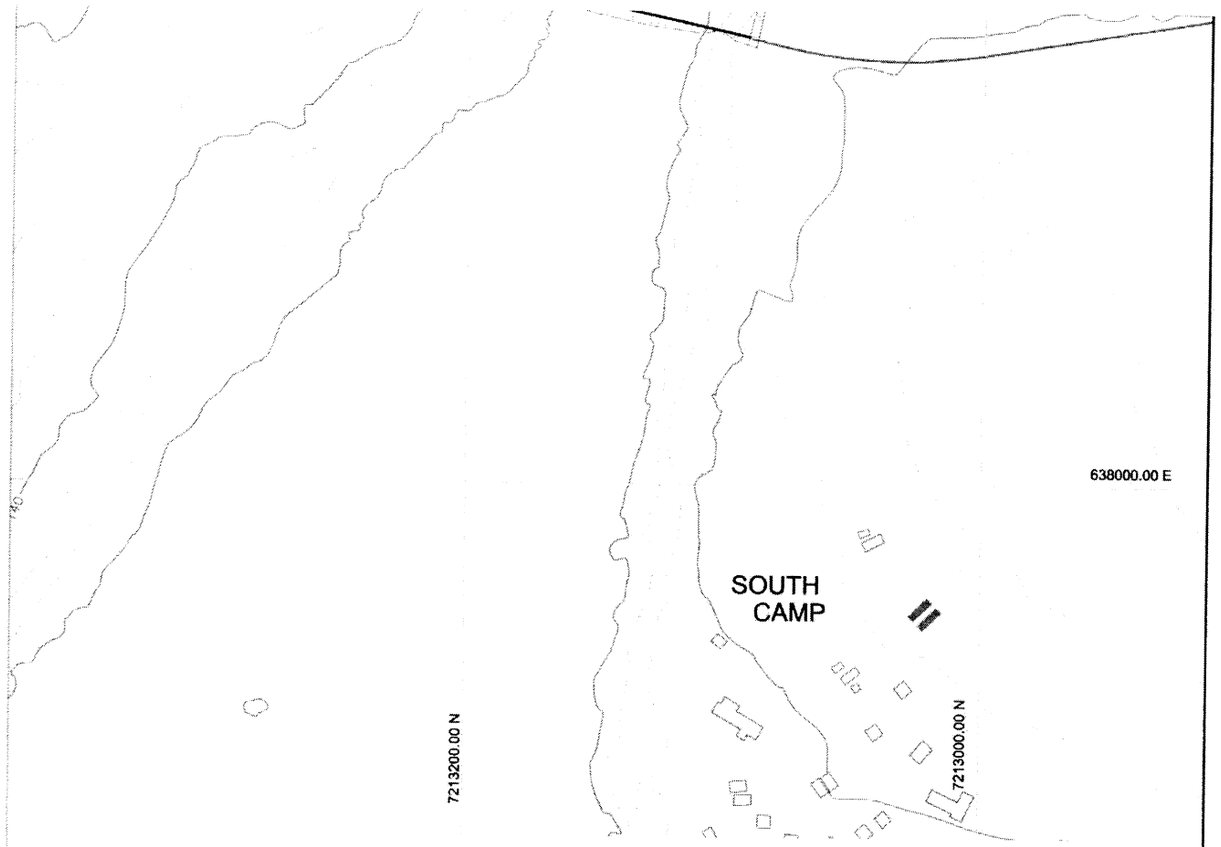
PROJECT No.	FILE No.
06-1413-009	061413009_SK-201

DRAWING NO.	REV.
3000-C-201	0



PROJECT

CUMBERLAND
RESOURCES LTD.

TITLE

FUEL STORAGE FACILITY LAYOUT PLAN
MEADOWBANK FUEL TANK FARM

REGISTERED PROFESSIONAL ENGINEER
W.J. PURDY
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NWT/NU

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CLIENT PROJECT MGR.	ENGINEERING MGR.	PROJECT MGR.
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PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
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PROJECT PHASE

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AS SHOWN	DSN.	WJP	28APR06
	DRN.	JK/CJC	28APR06

Golder Associates

PROJECT No.	FILE No.
06-1413-009	061413009_SK-202

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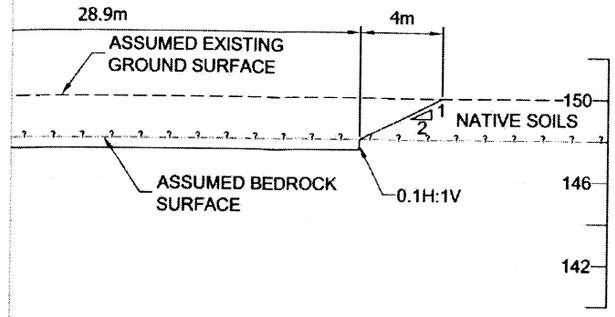

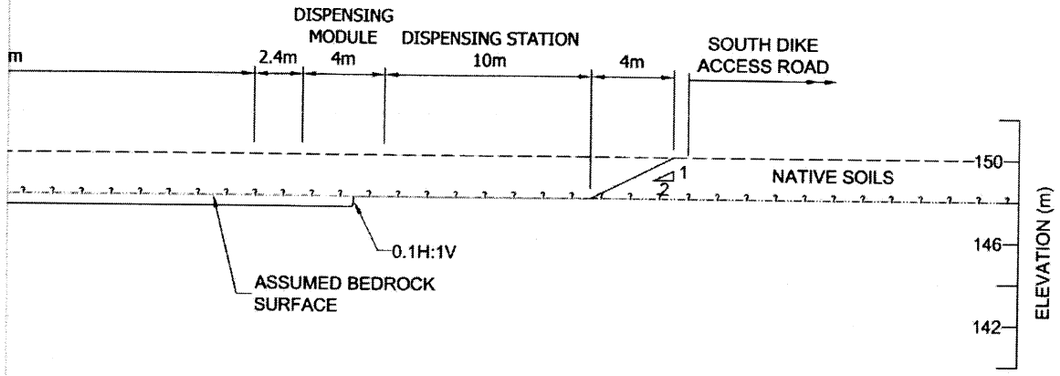

PROJECT

CUMBERLAND RESOURCES LTD.

TITLE

TANK FARM EXCAVATION PLAN AND SECTIONS
MEADOWBANK FUEL TANK FARM

REGISTERED PROFESSIONAL ENGINEER
W.J. PURDY
LICENSEE
NWT

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CLIENT PROJECT MGR.	ENGINEERING MGR.	PROJECT MGR.
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PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
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PROJECT PHASE

SCALE: AS SHOWN

	BY	DD/MMM/YY
DSN.	WJP	28 APR 06
DRN.	JK	28 APR 06

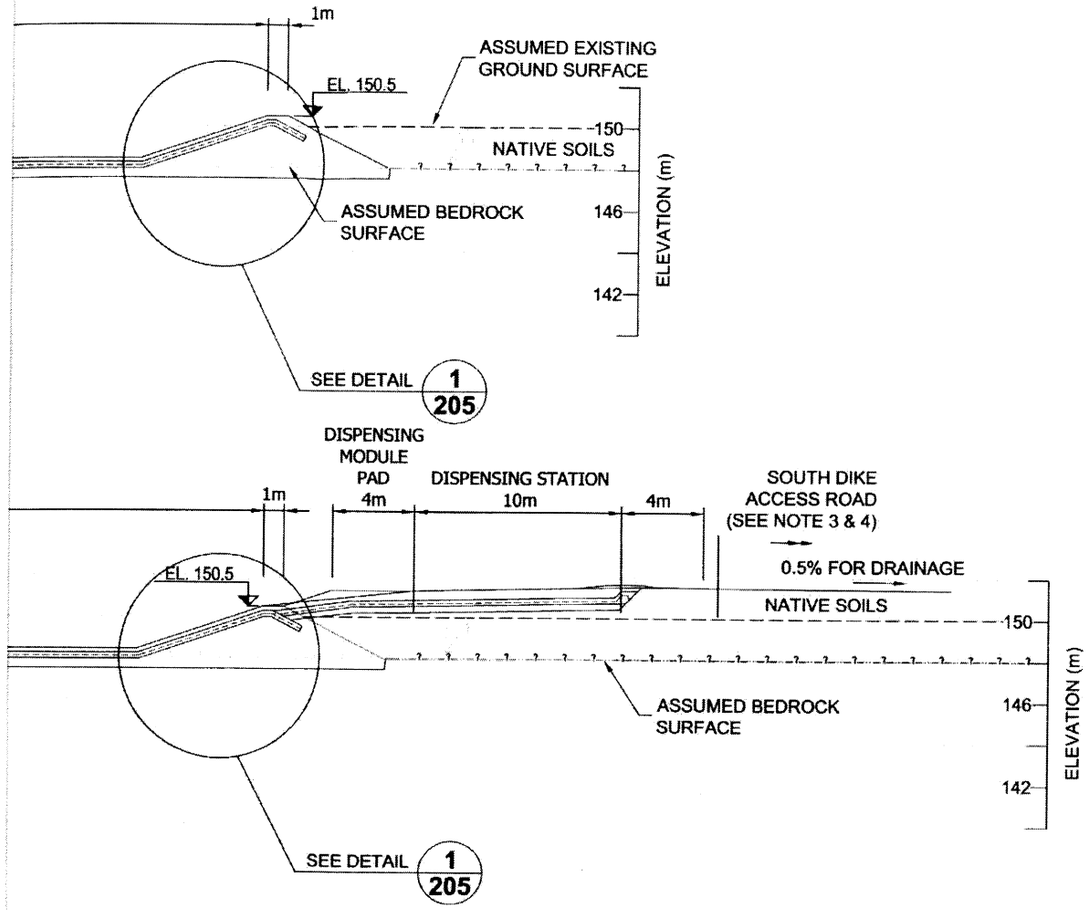
Golder Associates

PROJECT No.: – 06-1413-009

FILE No.: 061413009_SK-203

DRAWING NO.: 3000-C-203

REV.: 0



PROJECT

CUMBERLAND RESOURCES LTD.

TITLE

TANK FARM BACKFILL PLAN AND SECTIONS MEADOWBANK FUEL TANK FARM

REGISTERED PROFESSIONAL ENGINEER — W.J. BURDY — LICENSEE — NWT/NU

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CLIENT PROJECT MGR.	ENGINEERING MGR.	PROJECT MGR.
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PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
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PROJECT PHASE

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AS SHOWN	DSN.	WJP	28 APR 06
	DRN.	JK	28 APR 06

Golder Associates

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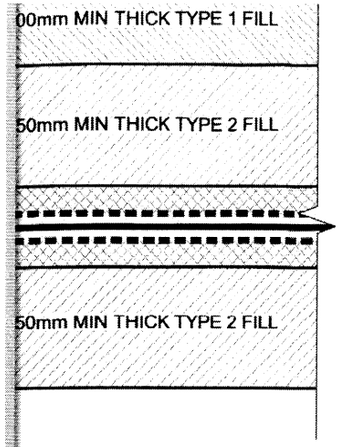

4 **DETAIL**

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PROJECT

CUMBERLAND RESOURCES LTD.

TITLE

TANK FARM BACKFILL DETAILS
MEADOWBANK FUEL TANK FARM

REGISTERED PROFESSIONAL ENGINEER W.J. PURDY LICENSEE UNWITHAY 06.

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PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
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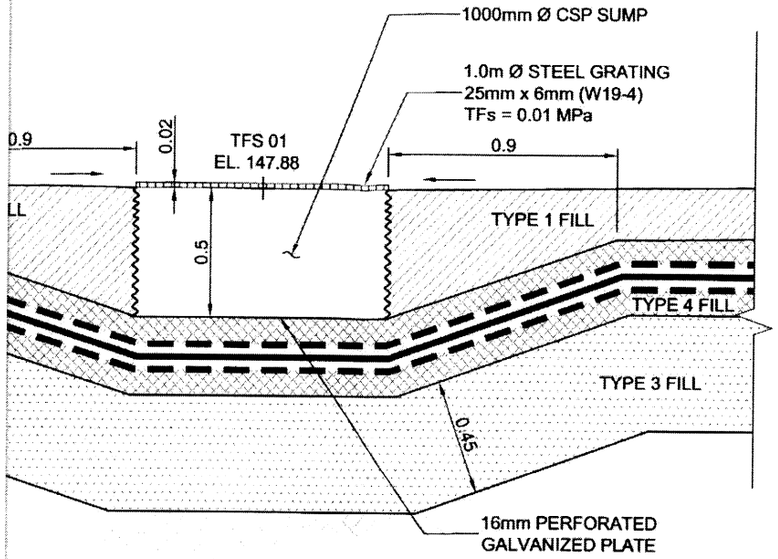
DRN.	JK	28 APR 06



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PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
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PROJECT PHASE

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	DRN.	JK	28 APR 06

PROJECT

CUMBERLAND RESOURCES LTD.

TITLE

SECONDARY CONTAINMENT HDPE LINER PLAN AND SUMP DETAILS MEADOWBANK FUEL TANK FARM

Golder Associates

PROJECT No.	FILE No.
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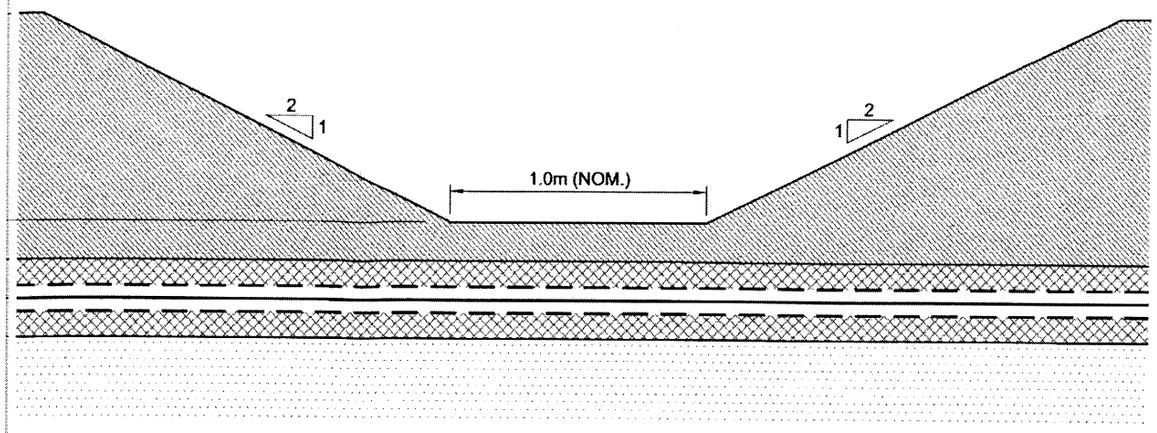

D - **SWALE SECTION**

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PROJECT

CUMBERLAND RESOURCES LTD.

TITLE

DISPENSING STATION PLAN, PROFILE AND DETAILS
MEADOWBANK FUEL TANK FARM

REGISTERED PROFESSIONAL ENGINEER W.R PURDY LICENSED NWT/NU

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CLIENT PROJECT MGR. – ENGINEERING MGR. – PROJECT MGR. –

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PROJECT PHASE

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	DRN.	JK	28 APR 06

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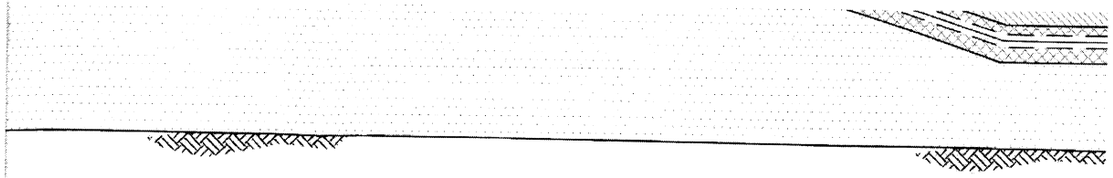

NOTES

1) GEOTECHNICAL ENGINEER TO INSPECT AND APPROVE EXPOSED BEDROCK SUBGRADE SURFACE PRIOR TO PLACEMENT OF GRANULAR FILL MATERIALS.

2) GRANULAR FILL PROVIDED FROM CRUSHING AND SCREENING OPERATIONS AT MINE SITE QUARRY.

3) LIMIT OF HDPE LINER FROM DISPENSING STATION TO BE TERMINATED 0.5m BEYOND THE CREST OF ANCHOR TRENCH ON TOP OF CONTAINMENT BERM AND EXTRUSION WELDED TO CONTAINMENT BERM HDPE.

4) HDPE LINER SYSTEM BENEATH DISPENSING STATION RUNS FULL LENGTH OF STATION AND DRAPES OVER HDPE OF TANK FARM BERM.

PROJECT

CUMBERLAND RESOURCES LTD.

TITLE

DISPENSING STATION SECTIONS AND DETAILS MEADOWBANK FUEL TANK FARM

REGISTERED PROFESSIONAL ENGINEER W.J. PURDY LICENSEE NWT/NU

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CLIENT PROJECT MGR. ENGINEERING MGR. PROJECT MGR.

PROJECT NO.	ACTIVITY NO.	PACKAGE CODE
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PROJECT PHASE

Golder Associates

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– 06-1413-009	061413009_SK-213

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DRN.	JK	28 APR 06