Bore Baseline Assessment Database

Data File Format Document

Version 0.8
May 2015

Contents

1 Introduction

The *Water Act 2000* provides the regulatory framework for the baseline assessment regime. The Department of Natural Resources and Mines (DNRM) is responsible for administering this framework. The Office of Groundwater Assessment (OGIA) is responsible for storing baseline assessment information.

This document defines the baseline assessment data file formats and file naming standards for the electronic submission of information collected during baseline assessments to OGIA. Terminology used in this document relates to OGIA's database specifications and does not take precedence over any Queensland legislation or Queensland Government policy, particularly regarding the baseline assessment framework.

2 File Naming Standards

It is a requirement that all files are named in accordance with the specified file naming structure as shown in each section of this document.

2.1 Zip File Naming Standards

Code	Meaning
BL	refers to Baseline meaning that the file holds data for the baseline assessment
<TENURE_HOLDER_ID>	This is the tenure holder identification eg. ABCPTH
Creation date & time	This is the date and time that the zip file was created for submission by the PTH. Date formatted as YYYY_MM_DD_hh24miss
<filetype>	Filetype refers to the zip file extension, "zip".
Example	BL_ABCPTH_2011_11_14_102308.zip

2.2 File Naming Standards

Code	Meaning
<TENURE_HOLDER_ID>	This is the tenure holder identification eg. ABCPTH
<TH_BORE_ID>	This is the bore's ID given by the tenure holder eg. ABCBORE1
<DOCUMENT_TYPE>	This is a code that indicated the type of document. Please refer to Baseline Assessment Data Dictory section 3.2.2 for a list of codes for each document type.
<nn>	n refers to the number of the file. In cases where there are more than one file of the same type of data the files should be numbered in numerical order eg. 01, 02…..19 etc. Most of the time it will always be 01.
<filetype>	Filetype refers to the file extension such as "txt" or ".pdf" or ".xls" etc.
Example	Scanned copy of the Drillers log file name would be: ABCPTH_ABCBORE1_ DRILLLGDC_01.pdf

2.3 File Requirements

All files provided must adhere to the following requirements to be accepted by OGIAs for processing:

- · Files do not require a header record containing the attribute names.
- · Character fields do not require data to be enclosed in quotes.
- · All fields are to be delimited by a pipe symbol (eg. '|')
- · Files must contain all attributes irrespective of whether there is data for the attributes.
- · Some attributes are required to have mandatory data in the file. These are indicated in the 'Data Mandatory' column and are highlighted.
- · For **non-mandatory** attributes that have no data a pipe delimiter with no space after it is still required. If there is no data do not create a blank space or use any words or symbols to represent that there is no data. Refer to Appendix 2.
- · All files relating to the one Submission must be bundled together and zipped using the following file naming convention: BL_<TENURE_HOLDER_ID>_<YYYY_MM_DD_HH24MISS>.zip
- · All file name letters must be in uppercase text. The file extension (eg. pdf or txt) can be in lowercase.

3 Bore Assessments

3.1 File Structure

This file stores information relating to the assessment conducted on the bore by the tenure holder.

File Name: **<TENURE_HOLDER_ID>_BORASSDS.txt**
File Format: Pipe Delimited

Baseline Assessment Form Reference:
- · Part A   Document Identification and Bore Site Information
- · Part G   Assessment Field Officer Details
- · Part H   Declaration
- · Part I   Bore Owner Representative

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Assessment ID	Text		10	N	2.2.2
Assessment Type	Text	Choose from Assess Type Codes	5	Y	2.2.3
Assessment Date	Date		dd/mm/yyyy	Y	2.2.4
Tenure Holder Principal Contact Surname Name	Text		100	Y	2.2.5
Tenure Holder Principal Contact Given Names	Text		100	Y	2.2.6
Tenure Holder Principal Contact Phone Number	Text		20	Y	2.2.7
Bore ID Reference	Text		20	Y	2.2.8
Assessment Officer Surname	Text		100	N	2.2.9
Assessment Officer Given Name	Text		100	N	2.2.10
Assessment Officer Company Name	Text		200	N	2.2.11
Assessment Officer Phone Number	Text		20	N	2.2.12
Assessment Officer Alternative Phone Number	Text		20	N	2.2.13
Assessment Officer Fax Number	Text		20	N	2.2.14
Assessment Officer Email Address	Text		100	N	2.2.15
Third Party Certifier Surname	Text		100	N	2.2.16
Third Party Certifier Given Names	Text		100	N	2.2.17
Third Party Certifier Company Name	Text		200	N	2.2.18

Third Party Certifier Phone Number	Text		20	N	2.2.19
Third Party Certifier Alternative Phone Number	Text		20	N	2.2.20
Third Party Certifier Email Address	Text		100	N	2.2.21
Third Party Certification Date	Date			N	2.2.22
Tenure Holder Declaration Signatory Surname	Text		100	N	2.2.23
Tenure Holder Declaration Signatory Given Names	Text		100	N	2.2.24
Tenure Holder Declaration Signatory Position Title	Text		200	N	2.2.25
Tenure Holder Declaration Signatory Date	Date		dd/mm/yyyy	N	2.2.26
Bore Owner Representative Surname	Text		100	N	2.2.27
Bore Owner Representative Given Names	Text		100	N	2.2.28
Bore Owner Representative Phone Number	Text		20	N	2.2.29
Bore Owner Representative Alternative Phone	Text		20	N	2.2.30
Bore Owner Representative UHF Channel Number	Text		2	N	2.2.31
Bore Owner Representative Fax Number	Text		20	N	2.2.32
Bore Owner Representative Email Address	Text		100	N	2.2.33
Original Retained by Bore Owner Representative	Text		1	N	2.2.34

4 Bore Assessment Documents (Attachments)

4.1 File Structure

This File stores a summary of any supplementary documentation or attachments submitted to OGIA such as scanned documents or images for each baseline assessment.

File Name: <TENURE_HOLDER_ID>_BORASSDCDS.txt
File Format: Pipe Delimited

Baseline Assessment Form Reference:
· Attachments to Appendix 1

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Document Number	Number		5	Y	3.2.1
Document Type	Text	Choose from Document Type Codes	10	Y	3.2.2
Description	Text		1000	Y	3.2.3
Digital Image	Ensure Image file is attached for loading			N	3.2.4
Small Digital Image	The small image will be generated by OGIA database. Leave this field blank.			N	3.2.5
File Name	Text (refer to 4.2 below)		100	Y	3.2.6
File Type	Text	Choose from File Type Codes	5	Y	3.2.7
Comments	Text		2000	N	3.2.8

4.2 Attachments File Naming Standards

The physical attachments (i.e. baseline form, water quality reports etc.) will need to be named in a specific format as outlined below.

Attachment	File Name Structure
Baseline Assessment Outcome Approved Submission Form	<TENURE_HOLDER_ID>_BLAPPDC.pdf
Baseline Assessment Form Document (ie. Appendix 1 of Baseline Assessment Form)	<TENURE_HOLDER_ID>_<BORE_ID>BLBORDC.pdf
Drillers Log	<TENURE_HOLDER_ID>_<TH_BORE_ID>DRILLLGDC_<nn>.pdf
Pump Photo	<TENURE_HOLDER_ID>_<TH_BORE_ID>PUMPPHOT_<nn>.jpg
Water Use Log Document	<TENURE_HOLDER_ID>_<TH_BORE_ID>WULGDC_<nn>.pdf
Landholder Agreement Document	<TENURE_HOLDER_ID>_<TH_BORE_ID>WLLNDAGDC_<nn>.pdf

Water Level Log Document	<TENURE_HOLDER_ID>_<TH_BORE_ID>_WLLGDC_<nn>.pdf
Water Level Measurement Point Photo	<TENURE_HOLDER_ID>_<TH_BORE_ID>WLMEASPHOT_<nn>.jpg
Water Quality Historical Lab Results Document	<TENURE_HOLDER_ID>_<TH_BORE_ID>_WQHSTLABRSDC_<nn>.pdf
Water Quality Historical Field Results Document	<TENURE_HOLDER_ID>_<TH_BORE_ID>_WQHSTFLDRSDC_<nn>.pdf
Water Quality Lab Results Document	<TENURE_HOLDER_ID>_<TH_BORE_ID>_WQLABRSDC_<nn>.pdf
Water Quality Measurement Point Photo	<TENURE_HOLDER_ID>_<TH_BORE_ID>_WQMEASPHOT_<nn>.jpg
Water Quality Sample Setup Photo	<TENURE_HOLDER_ID>_<TH_BORE_ID>_WQSETPHOT_<nn>.jpg
Other Photos	<TENURE_HOLDER_ID>_<TH_BORE_ID>_OTHPHOT_<nn>.jpg
Other Documents	<TENURE_HOLDER_ID>_<TH_BORE_ID>_OTHDC_<nn>.<jpg or pdf>

5 Bore Details

5.1 File Structure

This file records general information about the bore including how it is identified, its location, and who drilled it. It also contains a number of flags to indicate whether additional information on the bore has been collected.

File Name: **<TENURE_HOLDER_ID>_BORDS.txt**
File Format: Pipe Delimited

Baseline Assessment Form References:
- · Part A   Document Identification and Bore Site Identification
- · Part B   Bore Construction Details
- · Part C   Bore Equipment and Condition Details
- · Part E   Water Level Measurement
- · Part F   Water Quality

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1
GWDB RN	Number		9	N	4.2.2
GWDB RN Comments	Text		500	N	4.2.3
Lot	Text		5	N	4.2.4
Plan	Text		10	N	4.2.5
Datum	Text	Choose from Lat Lng Datum Codes	10	Y	4.2.6
Latitude	Number		13,10	Y	4.2.7
Longitude	Number		13,10	Y	4.2.8
Location Method	Text	Choose from Bore Location Method Codes	5	N	4.2.9
Facility Type	Text	Choose from Facility Type Codes	2	N	4.2.10
Works Status	Text	Choose from Work Status Codes	2	Y	4.2.11
Local Bore Name	Text		100	N	4.2.12
Property Name	Text		100	N	4.2.13
Tenure Type	Text	Choose from Tenure Type Codes	3	N	4.2.14
Tenure Number	Number		10	N	4.2.15

Tenure Holder Block Name	Text		100	N	4.2.16
Comments	Text		2000	N	4.2.17
Drilled Date	Date		dd/mm/yyyy	N	4.2.18
Depth of Bore	Number		6,2	N	4.2.19
Driller Licence Number	Number		7	N	6.2.20
Drilling Company Name	Text		200	N	4.2.21
Driller Name	Text		100	Y	4.2.22
Bore Construction Details Available Flag	Text	Choose from Y/N Flag Code	1	Y	4.2.23
Bore Equipped with a Pump Flag	Text	Choose from Y/N Flag Code	1	Y	4.2.24
Water Level Measurement Taken Flag	Text	Choose from Y/N Flag Code	1	Y	4.2.25
Reason Water Level Measurement Not Taken	Text	Choose from Y/N Flag Code	500	N	4.2.26
Water Level Records Available Flag	Text	Choose from Y/N Flag Code	1	Y	4.2.27
Water Samples Taken for Submission to Laboratory Flag	Text	Choose from Y/N Flag Code	1	Y	4.2.28
Reason Water Samples Not Taken	Text		500	N	4.2.29
Dissolved Gas Samples Taken for Submission to Laboratory Flag	Text	Choose from Y/N Flag Code	1	Y	4.2.30
Reason Dissolved Gas Samples Not Taken	Text		500	N	4.2.31
Laboratory Results Supplied Flag	Text	Choose from Y/N Flag Code	1	Y	4.2.32
Reason Laboratory Results were not supplied	Text		500	N	4.2.33
Historical Water Quality Laboratory Records Available Flag	Text	Choose from Y/N Flag Code	1	Y	4.2.34
Water Quality Field Measurements Taken Flag	Text	Choose from Y/N Flag Code	1	Y	4.2.35
Reason Water Quality Field Measurements not taken	Text		500		4.2.36
Historical Water Quality Field Records Available Flag	Text	Choose from Y/N Flag Code	1	Y	4.2.37
Sample and Measurement Point at Bore Head Flag	Text	Choose from Y/N Flag Code	1	Y	4.2.38
Sample and Measurement Point Description	Text		1000	N	4.2.39
Bore Purged According to Guidelines Flag	Text	Choose from Y/N Flag Code	1	Y	4.2.40
Purging Method	Text		1000	N	4.2.41

Description					
Samples Taken Using Existing Pump on Bore Flag	Text	Choose from Y/N Flag Code	1	Y	4.2.42
Sampling Setup Description	Text		1000	N	4.2.43

6 Facility Purpose

6.1 File Structure

This File stores the purpose of the bore. The bore may have one or a number of purposes.

File Name: **<TENURE_HOLDER_ID>_FACPURPDS.txt**
File Format: Pipe Delimited

Baseline Assessment Form Reference:
·   Part D   Purpose of Bore

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1
Facility Purpose	Text	Choose from Facility Purposes Codes	12	Y	5.2.1
Other Facility Purpose	Text		200	N	5.2.2

7 Water Level

7.1 File Structure

This file stores details relating to Water Level or Pressure Measurements collected during the baseline assessment.

File Name: **<TENURE_HOLDER_ID>_WLDS.txt**
File Format: Pipe Delimited

Baseline Assessment Form Reference:
·   Part E   Water Level Measurement

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1
Date and Time	Date		dd/mm/yyyy hh24:mi:ss	Y	6.2.1
Measurement Type	Text	Choose from WL Measurement Type Codes	5	Y	6.2.2
Water Level	Number		6,2	N	6.2.3
Method of Measuring Water Level	Text		1000	N	6.2.4

Pressure	Number		6,2	N	6.2.5
Method of Measuring Pressure	Text		1000	N	6.2.6
Datum (Reference Point) Description	Text		1000	N	6.2.7
Distance from Datum (Reference Point) to Ground Level	Number		4,2	Y	6.2.8
Antecedent or Current Conditions	Text		1000	N	6.2.9
Comments	Text		2000	N	6.2.10

8 Water Level Log

8.1 File Structure

This file records water level measurements taken from a bore over time. The entries will usually come from a bore that is part of a water level monitoring network.

File name: **<TENURE_HOLDER_ID>_WLLGDS.txt**
File Format: Pipe Delimted

Baseline Assessment Form Reference:

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1
Date and Time	Date		dd/mm/yyyy hh24:mi:ss	Y	7.2.1
Measurement Point	Text	Choose from Measurement Point Type Codes	1	Y	7.2.2
Water Level Depth	Number		6,2	Y	7.2.3
Source	Text	Choose from WL Log Source Codes	1	Y	7.2.4
Remark	Text	Choose from WL Remark Codes	1	N	7.2.5

9 Elevation

9.1 File Structure

This file records the Elevation of the ground immediately surrounding the borehole before it is drilled, and the elevation history of reference points on bores used for regular water level measurements.

File Name: **<TENURE_HOLDER_ID>_ELEVDS.txt**
File Format: Pipe Delimited

Baseline Assessment Form Reference:

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1
Reference Point Establishment Date	Date		dd/mm/yyyy	Y	8.2.1
Measurement Point	Text	Choose from Measurement Point Type Codes	1	Y	8.2.2
Method	Text	Choose from Elevation Method Codes	3	Y	8.2.3
Datum	Text	Choose from Elevation Datum Codes	3	Y	8.2.4
Elevation	Number		7,2	Y	8.2.5
Measurement Date	Date			N	8.2.6
Comments	Text		2000	N	8.2.7

10   Water Quality Field Results

10.1 File Structure

This file records water quality measurements that have been taken in the field (including dissolved gas measurements). Note that this information must be provided and stored in the units indicated.

File Name: **<TENURE_HOLDER_ID>_WQFLDRESDS.txt**
File Format: Pipe Delimited

Baseline Assessment Form Reference:
· Part F   Water Quality – Field measurements & Field Dissolved Gas Measurements

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1
Date and Time	Date		dd/mm/yyyy hh24:mi:ss	Y	9.2.1
Result Number	Number		5	Y	9.2.2
pH	Number		4,2	N	9.2.3
Temperature	Number		3,1	N	9.2.4
Conductivity	Number		7	N	9.2.5
HCO3 – Alkalinity as CaCO3	Number		10,3	N	9.2.6
CO3 – Alkalinity as CaCO3	Number		10,3	N	9.2.7
OH Alkalinity as CaCO3	Number		10,3	N	9.2.8
Total Alkalinity as CaCO3	Number		10,3	N	9.2.9
Dissolved CO2	Number		10,3	N	9.2.10
Dissolved H2S	Number		10,3	N	9.2.11
Dissolved CH4	Number		10,3	N	9.2.12
Dissolved Gas	Text	Choose from	5	N	9.2.13

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Measurement Method		Dissolved Gas Measurement Method Codes			
Dissolved Gas Measurement Method Reason	Text		500	N	9.2.14
Water Sample Source	Text	Choose from WQ Sample Source Codes	2	N	9.2.15
Water Sample Method	Text	Choose from WQ Sample Method Codes	2	N	9.2.16
Purge Pump Time	Number		3	N	9.2.17
Purge Pumping Rate	Number		5,2	N	9.2.18
Purged Volume	Number		6,2	N	9.2.19
Purged Pump Intake Depth	Number		6,2	N	9.2.20
Comments	Text		2000	N	9.2.21

11 Water Quality Laboratory Samples

11.1 File Structure

This file stores details relating to water quality samples and is used in conjunction with the water quality results table.

File Name: **<TENURE_HOLDER_ID>_WQSAMPDS.txt**
File Format: Pipe Delimited

Baseline Assessment Form Reference:

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1
PAG Database Sample ID	Number		Leave Blank for OGIA	Y	10.2.1
Tenure Holder Sample ID	Text		20	Y	10.2.2
Sample Date and Time	Date		dd/mm/yyyy hh24:mi:ss	Y	10.2.3
Sample Source	Text	Choose from WQ Sample Sources Codes	2	Y	10.2.4
Sample Method	Text	Choose from WQ Sample Method Codes	2	Y	10.2.5
Dissolved Gas Measurement Method	Text	Choose from Dissolved Gas Measurement Method Codes	5	N	10.2.6
Dissolved Gas Measurement Method Reason	Text		500	N	10.2.7
Sample Depth	Number		6,2	N	10.2.8
Project Name	Text		100	N	10.2.9
Collection Authority	Text		200	N	10.2.10
Purged Total Pump Time	Number		3	N	10.2.11
Purged Pumping Rate	Number		5,2	N	10.2.12

Purged Volume	Number		6,2	N	10.2.13
Purged Pump Intake Depth	Number		6,2	N	10.2.14
Comments	Text		2000	N	10.2.15

12 Water Quality Laboratory Results

12.1 File Structure

This file stores results relating to water samples that have been analysed in the laboratory.

File Name: **<TENURE_HOLDER_ID>_WQLABRSDS.txt**
File Format: Pipe Delimited

Baseline Assessment Form Reference:

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1
PAG Database Sample ID	Number		Leave Blank for OGIA	Y	10.2.1
Result Number	Number		Leave Blank for OGIA	Y	11.2.1
Tenure Holder Sample ID	Text		20	Y	11.2.2
Result Date and Time	Date		dd/mm/yyyy hh24:mi:ss	N	11.2.2
Value	Number		14,5	Y	11.2.3
Qualifier	Text	Choose from WQ Qualifier Code	2	N	11.2.4
Parameter	Text	Choose from WQ Lab Parameter Codes	20	Y	11.2.5
Units	Text	Choose from Unit Codes	5	Y	11.2.6
Preservation Method 1	Text	Preservation Methods	2	Y	11.2.7
Preservation Method 2	Text	Preservation Methods	2	N	11.2.7
Preservation Method 3	Text	Preservation Methods	2	N	11.2.7
Laboratory Name	Text		100	Y	11.2.8
Laboratory Sample Reference	Text		10	N	11.2.9
Technical Reference	Text		200	N	11.2.10
PQL Max	Number		14,5	N	11.2.11
PQL Min	Number		14,5	N	11.2.12
Uncertainty	Number		3	N	11.2.13
Comments	Text		2000	N	11.2.14

13 Hole Construction

13.1 File Structure

This file stores details related to the construction of the bore.

File Name: **<TENURE_HOLDER_ID>_HOLECONSDS.txt**
File Format: Pipe Delimited

Baseline Assessment Form Reference:

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1
From Depth	Number		6,2	Y	12.2.1
To Depth	Number		6,2	Y	12.2.2
Hole Diameter	Number		7	Y	12.2.3
Comments	Text		2000	N	12.2.4

14 Bore Construction

14.1 File Structure

This file records the facility's casing and other construction.

File Name: **<TENURE_HOLDER_ID>_BORCONSDS.txt**
File Format: Pipe Delimited

Baseline Assessment Form Reference:
  · Part B   Bore Construction Information

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1
Record Number	Number		5	Y	13.2.1
Date	Date		dd/mm/yyyy	N	13.2.2
From Depth	Number		6,2	N	13.2.3
To Depth	Number		6,2	N	13.2.4
Material Type	Text	Choose from Bore Construction Material Type Codes	5	Y	13.2.5
Material Size	Number		6,3	N	13.2.6
Material Size Description	Text	Choose from Bore Construction Material Size Description Codes	2	N	13.2.7
Outside Diameter	Number		7	N	13.2.8
Comments	Text		2000	N	13.2.9

15   Strata Log

15.1 File Structure

This file records a transcription of the strata encounted in a bore as described on the strata log sheet completed by the driller, geologist, etc.

File Name**: <TENURE_HOLDER_ID>_STRATALGDS.txt**
File Format: Pipe Delimited

Baseline Assessment Form Reference:

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1
Strata Log Record No	Number		5	Y	14.2.1
From Depth	Number		6,2	N	14.2.2
To Depth	Number		6,2	N	14.2.3
Description of Strata	Text		200	Y	14.2.4

16   Stratigraphy

16.1 File Structure

The data in this file stores the interpreted stratigraphy of the water bore. The stratigraphic interpretation may have been made by the Queensland Department of Natural Resources and Mines or some other government body or company.

File Name: **<TENURE_HOLDER_ID>_STRATIGDS.txt**

File Format: Pipe Delimited

Baseline Assessment Form Reference:

·   No Reference

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1
Stratigraphy Number	Number		5	Y	15.2.1
Company Name	Text		200	Y	15.2.2
Person Name	Text		100	N	15.2.3
From Depth	Number		6,2	N	15.2.4
To Depth	Number		6,2	N	15.2.5
Formation Description	Text		100	Y	15.2.6

17 Aquifer

17.1 File Structure

This file records information about the permeable water bearing beds encountered by a bore penetrating a single geological unit or a number or geological units.

File Name: **<TENURE_HOLDER_ID>_AQUIFERDS.txt**
File Format: Pipe Delimited

Baseline Assessment Form Reference:

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1
Aquifer Number	Number		5	Y	16.2.1
From Depth	Number		6,2	N	16.2.2
To Depth	Number		6,2	N	16.2.3
Condition	Text	Choose from Condition Type Codes	2	N	16.2.4
Contributing Aquifer	Text		1	N	16.2.5
Flow Indicator	Text		1	N	16.2.6
Quality of Water in Aquifer	Text		100	N	16.2.7
Yield from Aquifer	Number		6,2	N	16.2.8
Standing Water Level of Aquifer when Drilled	Number		6,2	N	16.2.9
Date of Standing Water Level	Date		dd/mm/yyyy hh24:mi:ss	N	16.2.10
Formation Name	Text		100	N	16.2.11

18 Equipment

18.1 File Structure

This file stores information regarding the bore equipment collected on the Baseline Assessment Form.

File Name: **<TENURE_HOLDER_ID>_EQUIPDS.txt**
File Format: Pipe Delimited

Baseline Assessment Form Reference:
- Part C   Bore Equipment and Conditions Details

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1
Pump Type	Text		100	N	17.2.1
Pump Make and Model	Text		200	N	17.2.2
Pump Inlet Depth	Number		6,2	N	17.2.3
Power Source	Text	Choose from Pump Power Source Codes	5	N	17.2.4
Maximum Pump Capacity	Number		6,2	N	17.2.5
Pump Rate at Time of Visit	Number		6,2	N	17.2.6
Bore Meter Flag	Text	Choose from Y/N Flag Code	1	Y	17.2.7
Meter Description	Text		1000	N	17.2.8
Headworks Description	Text		2000	N	17.2.9
Maintenance and Repairs	Text		2000	N	17.2.10
Pump Installed Date	Date		dd/mm/yyyy hh24:mi:ss	N	17.2.11
Comments	Text		2000	N	17.2.12

19 Water Use

19.1 File Structure

This File stores information regarding water supply collected on the Baseline Assessment Form.

File Name: **<TENURE_HOLDER_ID>_WUDS.txt**
File Format: Pipe Delimited

Baseline Assessment Form Reference:

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1

Metered Flag	Text	Choose from Y/N Flag Code	1	Y	18.2.1
Average Volume Used	Number		9,3	N	18.2.2
Estimated Volume Used	Number		9,3	N	18.2.3
Estimation Method	Text		1000	N	18.2.4
Estimated Hours Pumped per Day	Number		9,3	N	18.2.5
Bore Utilisation Description	Text		1000	N	18.2.6
Comments	Text		2000	N	18.2.7

20   Water Use Log

20.1 File Structure

This table stores water use information derived from meter readings.

File Name: **<TENURE_HOLDER>_WULGDS.txt**
File Name: Pipe Delimited

Baseline Assessment Form Reference:

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1
Tenure Holder Bore ID	Text		20	Y	4.2.1
From Date	Date		dd/mm/yyyy	Y	19.2.1
To Date	Date		dd/mm/yyyy	Y	19.2.1
Volume Used	Number		9,3	Y	19.2.2
Comments	Text		2000	N	19.2.3

21   Gas Field Measurements

21.1 File Structure

This file stores free gas results collected in the field at the bore. Note that this information must be supplied and stored in the units indicated.

File Name: **<TENURE_HOLDER_ID>_WQGASRSDS.txt**
File Format: Pipe Delimited

Baseline Assessment Form Reference:
Part F   Water Quality - Field Gas Measurements

Attribute Name	Format	Domain Code	Max Length	Data Mandatory	Data Dictionary Reference
Tenure Holder ID	Text		10	Y	21.2.1
PAG Assess ID	Number		Leave Blank for OGIA	Y	2.2.1

Tenure Holder Bore ID	Text		20	Y	4.2.1
Result Date and Time	Date		dd/mm/yyyy hh24:mi:ss	Y	20.1.1
Field Gas Measurement Method	Text	Choose from Field Gas Measurement Method Codes	5	Y	20.2.2
CO (Carbon Monoxide)	Number		8	N	20.2.3
CO2 (Carbon Dioxide)	Number		8	N	20.2.4
H2S (Hydrogen Sulfide)	Number		8	N	20.2.5
O2 (Oxygen)	Number		3	N	20.2.6
CH4 (Methane)	Number		3	N	20.2.7
Comments	Text		2000	N	20.2.8

Appendix 1 – File Naming Convention Example

For one submission all associated files are required to be bundled into one zip file. The following is an example that shows the naming convention of that zip file:

Naming Convention: **BL_TENUREHOLDERID_YYYY_MM_DD_HH24MISS.zip**

Example: BL_CSGCOMP_2011_11_02_132310.zip

The following table is an example of the naming convention for the files contained within the zip file as mentioned above:

| File Name	Description of File
Naming Convention: **<TENUREHOLDERID>_BLAPPDC.pdf** Example: CSGCOMP_BLAPPDC.pdf	Scanned copy of approved Outcome of Baseline Assessment form (pages 1-4)
Naming Convention: **<TENUREHOLDERID>_<TH_BOREID>_BLBORDC.pdf** Example: CSGCOMP_CSGCOMP345_BLBORDC.pdf	Scanned copy of each Appendix 1 – Bore Baseline Assessment Information
Naming Convention: **<TENURE_HOLDER_ID>_<TH_BOREID>_DRILLLGDC_<nn>.pdf** Example: CSGCOMP_CSGCOMP345_DRILLLGDC_01.pdf	Scanned copy of the Drillers log
Naming Convention: **<TENURE_HOLDER_ID>_<TH_BOREID>_WULGDC_<nn>.pdf** Example: CSGCOMP_CSGCOMP345_WULGDC_01.pdf	Scanned copy of the Water Use Log Document
Naming Convention: **<TENURE_HOLDER_ID>_<TH_BOREID>_WLLNDAGDC_<nn>.pdf** Example: CSGCOMP_CSGCOMP345_ WLLNDAGDC_01.pdf	Scanned copy of the Landholder Agreement Document
Naming Convention: **<TENURE_HOLDER_ID>_<TH_BOREID>_WLLGDC_<nn>.pdf** Example: CSGCOMP_CSGCOMP345_WLLGDC_01.pdf	Scanned copy of the Water Level Log Document
Naming Convention: **<TENURE_HOLDER_ID>_<TH_BOREID>_WQHSTLABRSDC_<nn>.pdf** Example: CSGCOMP_CSGCOMP345_WQHSTLABRSDC_01.pdf	Scanned copy of the Water Quality Historical Lab Results Document
Naming Convention: **<TENURE_HOLDER_ID>_<TH_BOREID>_WQHSTFLDRSDC_<nn>.pdf** Example: CSGCOMP_CSGCOMP345_WQHSTFLDRSDC_01.pdf	Scanned copy of the Water Quality Historical Field Results Document
Naming Convention: **<TENURE_HOLDER_ID>_<TH_BOREID>_WQLABRSDC_<nn>.pdf** Example:	Scanned copy of the Water Quality Lab Results Document

CSGCOMP_CSGCOMP345_WQLABRSDC_01.pdf	
Naming Convention: **\<TENURE_HOLDER_ID\>_\<TH_BOREID\>_OTHDC_\<nn\>.\<jpg or pdf\>** Example: CSGCOMP_CSGCOMP345_OTHDC_01.\<jpg or pdf\>	Copy of any other relevant document. This file/s can either be a pdf or jpg file
Naming Convention: **\<TENURE_HOLDER_ID\>_\<TH_BOREID\>_PUMPPHOT_\<nn\>.jpg** Example: CSGCOMP_CSGCOMP345_PUMPPHOT_01.jpg	Copy of the Pump Photo
Naming Convention: **\<TENURE_HOLDER_ID\>_\<TH_BOREID\>_WLMEASPHOT_\<nn\>.jpg** Example: CSGCOMP_CSGCOMP345_WLMEASPHOT_01.jpg	Copy of the Water Level Measurement Point Photo
Naming Convention: **\<TENURE_HOLDER_ID\>_\<TH_BOREID\>_WQMEASPHOT_\<nn\>.jpg** Example: CSGCOMP_CSGCOMP345_WQMEASPHOT_01.jpg	Copy of the Water Quality Measurement Point Photo
Naming Convention: **\<TENURE_HOLDER_ID\>_\<TH_BOREID\>_WQSETPHOT_\<nn\>.jpg** Example: CSGCOMP_CSGCOMP345_WQSETPHOT_01.jpg	Copy of Water Quality Sample Setup Photo
Naming Convention: **\<TENURE_HOLDER_ID\>_\<TH_BOREID\>_OTHPHOT_\<nn\>.jpg** Example: CSGCOMP_CSGCOMP345_OTHPHOT_01.jpg	Copy of any other Photos
Naming Convention: **\<TENURE_HOLDER_ID\>_BORASSDS.txt** Example: CSGCOMP_BORASSDS.txt	Pipe Delimited data file containing Bore Assessment Data for multiple bores (Refer to Data Dictionary section 2)
Naming Convention: **\<TENURE_HOLDER_ID\>_BORASSDCDS.txt** Example: CSGCOMP_BORASSDCDS.txt	Pipe Delimited data file containing Bore Assessment Documents Data for multiple bores (Refer to Data Dictionary section 3)
Naming Convention: **\<TENURE_HOLDER_ID\>_BORDS.txt** Example: CSGCOMP_BORDS.txt	Pipe Delimited data file containing Bore data for multiple bores (Refer to Data Dictionary section 4)
Naming Convention: **\<TENURE_HOLDER_ID\>_FACPURPDS.txt** Example: CSGCOMP_FACPURPDS.txt	Pipe Delimited data file containing Facility Purpose Data for multiple bores (Refer to Data Dictionary section 5)
Naming Convention: **\<TENURE_HOLDER_ID\>_WLDS.txt** Example: CSGCOMP_WLDS.txt	Pipe Delimited data file containing Water Level Data for multiple bores (Refer to Data Dictionary section 6)
Naming Convention: **\<TENURE_HOLDER_ID\>_WLLGDS.txt**	Pipe Delimited data file containing Water Level Log Data for multiple bores (Refer to

	Data Dictionary section 7)
Example: CSGCOMP_WLLGDS.txt	
Naming Convention: **<TENURE_HOLDER_ID>_ELEVDS.txt** Example: CSGCOMP_ELEVDS.txt	Pipe Delimited data file containing Elevation Data for multiple bores (Refer to Data Dictionary section 8)
Naming Convention: **<TENURE_HOLDER_ID>_WQFLDRESDS.txt** Example: CSGCOMP_WQFLDRESDS.txt	Pipe Delimited data file containing Water Quality Field Results Data for multiple bores (Refer to Data Dictionary section 9)
Naming Convention: **<TENURE_HOLDER_ID>_WQSAMPDS.txt** Example: CSGCOMP_WQSAMPDS.txt	Pipe Delimited data file containing Water Quality Laboratory Samples Data for multiple bores (Refer to Data Dictionary section 10)
Naming Convention: **<TENURE_HOLDER_ID>_WQLABRSDS.txt** Example: CSGCOMP_WQLABRSDS.txt	Pipe Delimited data file containing Water Quality Laboratory Results Data for multiple bores (Refer to Data Dictionary section 11)
Naming Convention: **<TENURE_HOLDER_ID>_HOLECONSDS.txt** Example: CSGCOMP_HOLECONSDS.txt	Pipe Delimited data file containing Water Quality Laboratory Results Data for multiple bores (Refer to Data Dictionary section 12)
Naming Convention: **<TENURE_HOLDER_ID>_BORCONSDS.txt** Example: CSGCOMP_BORCONSDS.txt	Pipe Delimited data file containing Bore Construction Data for multiple bores (Refer to Data Dictionary section 13)
Naming Convention: **<TENURE_HOLDER_ID>_STRATALGDS.txt** Example: CSGCOMP_STRATALGDS.txt	Pipe Delimited data file containing Strata Log Data for multiple bores (Refer to Data Dictionary section 14)
Naming Convention: **<TENURE_HOLDER_ID>_STRATIGDS.txt** Example: CSGCOMP_STRATIGDS.txt	Pipe Delimited data file containing Stratigraphy Data for multiple bores (Refer to Data Dictionary section 15)
Naming Convention: **<TENURE_HOLDER_ID>_AQUIFERDS.txt** Example: CSGCOMP_AQUIFERDS.txt	Pipe Delimited data file containing Aquifer Data for multiple bores (Refer to Data Dictionary section 16)
Naming Convention: **<TENURE_HOLDER_ID>_EQUIPDS.txt** Example: CSGCOMP_EQUIPDS.txt	Pipe Delimited data file containing Equipment Data for multiple bores (Refer to Data Dictionary section 17)
Naming Convention: **<TENURE_HOLDER_ID>_WUDS.txt** Example: CSGCOMP_WUDS.txt	Pipe Delimited data file containing Water Use Data for multiple bores (Refer to Data Dictionary section 18)
Naming Convention:	Pipe Delimited data file containing Water

<TENURE_HOLDER>_WULGDS.txt Example: CSGCOMP_WULGDS.txt	Use Log Data for multiple bores (Refer to Data Dictionary section 19)
Naming Convention: **<TENURE_HOLDER_ID>_WQGASRSDS.txt** Example: CSGCOMP_WQGASRSDS.txt	Pipe Delimited data file containing Water Quality Gas Result Data for multiple bores (Refer to Data Dictionary section 20)

Appendix 2 – Data File Format Example

The diagram below provides an example of a typical file and how the file is required to be populated in order for OGIA to upload the data from the file into OGIA's database.
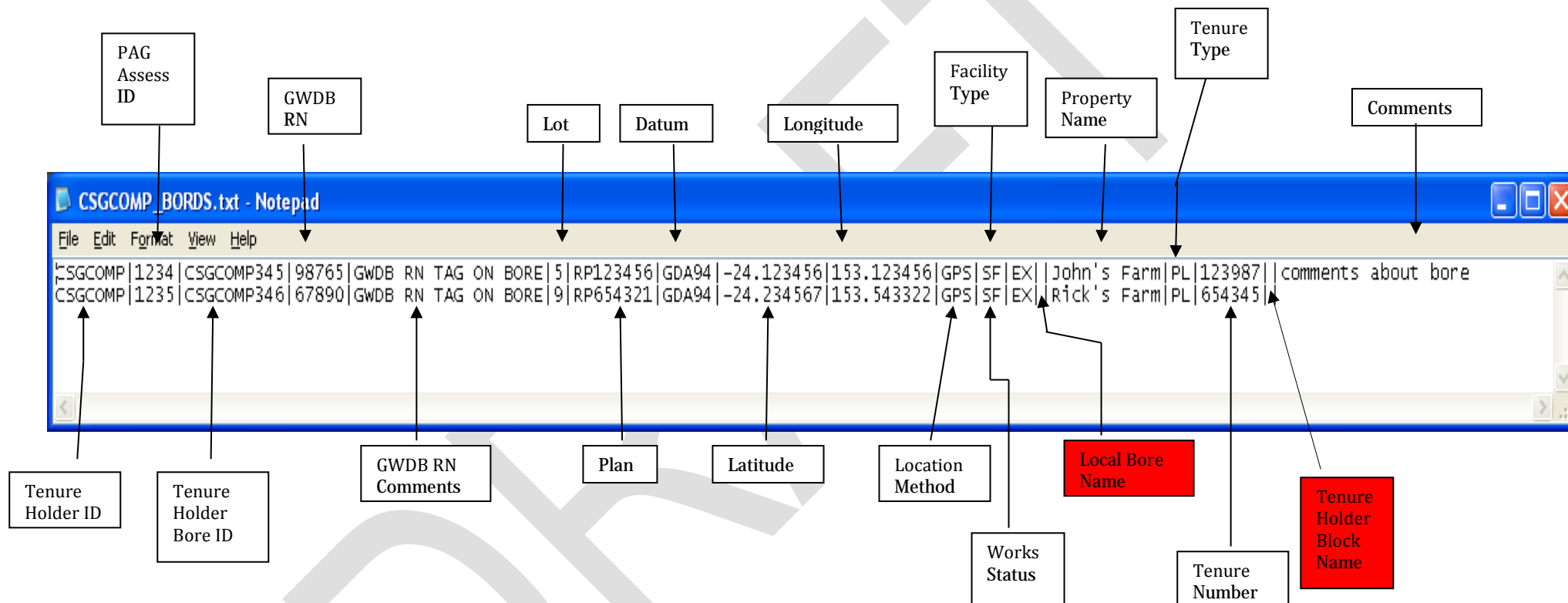
Note: In this example for both Local Bore Name & Tenure Holder Block Name (ie. Boxes highlighted red) there is no data available. Both these attributes are non-mandatory data attributes as specified in the Data Dictionary. As shown above a pipe delimiter with **no space** after it is still required for all non-mandatory attributes that have no data. If there is no data **do not** create a blank space or use any words or symbols to represent that there is no data.

Note: A pipe delimiter is not required after the last attribute as shown above.