**Drill core sample information and allowable codes** 

| **Field name** | **Characters** | **Description** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Company/operator | 35 | The name of the organisation supplying the samples. | | | | | |
| Project | 20 | The name of the project under which the sample was collected or the drillhole was drilled. | | | | | |
| Tenement | 10 | The tenement type and number under which the sample was collected or the drillhole was drilled (e.g. EL 2345). | | | | | |
| Permit | 6 | The water well construction permit under which the sample was collected or the drillhole was drilled (e.g. 23654). | | | | | |
| Hundred | 35 | The name allocated by the Department for Environment and Water to a Hundred. | | | | | |
| Section | 6 | The number allocated by Department for Environment and Water to a Section within a Hundred. | | | | | |
| Confidential | 1 | An indicator which identifies if a drillhole/sample is confidential – yes (Y) or no (N). | | | | | |
| Hazardous goods | 1 | An indicator which identifies if a sample is classified as ‘hazardous goods’ – yes (Y) or no (N). | | | | | |
| ***Drillhole/sample*** |  |  | | | | | |
| Name/number | 35 | The name and/or number used to identify the drillhole or sample (e.g. 95RC0021). | | | | | |
| Classification | 2 | The purpose of collecting the sample or drillhole. Choose from the following codes. | | | | | |
|  |  | EW engineering well  MW mineral well | | PW petroleum well  SW stratigraphic well | | WW water well | |
| Total depth | 10 | The distance from the start of the drillhole to the maximum point to which the drillhole was drilled, in metres. | | | | | |
| Depth from | 10 | The distance from the start of the drillhole to the point at which sampling began, in metres (up to 2 decimal places). | | | | | |
| Depth to | 10 | The distance from the start of the drillhole to the point at which sampling finished, in metres (up to 2 decimal places). | | | | | |
| ***Drilling/sampling*** |  |  | | | | | |
| Completion date | 10 | The date when drilling or sampling was completed (DD/MM/YYYY, e.g. 23/04/2012). | | | | | |
| Drilling method | 3 | The method used to collect the sample. Choose from the following codes. | | | | | |
|  |  | ACR aircore (see also RCA)  AGR auger (details unspecified)  AUC auger (mechanised) – coring  AUG auger (mechanised)  BDE blade  BKH backhoe  CAB cable tool  CWL Calweld  DIA diamond bit – coring  HAD auger (hand)  HDG hand dug | JET hydraulic jet  PER rotary – percussion  PUT push tube  RAB rotary air blast (see also RTA)  RC reverse circulation  RCA reverse circulation – air  RCM reverse circulation – mud  RCP reverse circulation – percussion  ROT rotary | | | | RTA rotary – air  RTF rotary – foam  RTM rotary – mud  RTW rotary – water  SPR spearpoint  TUC tungsten carbide bit – coring  UKN unknown  VIB vibrocore |
| Sample type | 4 | The type of sample (e.g. cuttings, core, rock sample). Choose from the following codes. | | | | | |
|  |  | ASTD analytical standard check sample  CALC calcrete  CS core sludge  CST costean (trench)  CT drill cuttings  DC drill core  LF lake floor sediment | MM mine mullock / well spoil  MS mine rock sample  MSP mine stockpile  MT mine tailings  PC panned concentrate  RO rock outcrop/float  SF sea floor sediment | | | | SL smelter slag  SM single mineral  SO soil  SS stream sediment  SWC sidewall core  VEG vegetation |
| ***Location*** |  | Use latitude and longitude coordinates or easting and northing coordinates with zone – **not** both. | | | | | |
| Longitude | 13 | The longitude coordinate of the location of the drillhole/sample (up to 3 decimal places for seconds and 7 for decimal degrees). Must be accompanied by a latitude. | | | | | |
| Latitude | 13 | The latitude coordinate of the location of the drillhole/sample (up to 3 decimal places for seconds and 7 for decimal degrees). Must be accompanied by a longitude. | | | | | |
| Easting | 9 | The MGA/AMG easting coordinate of the location of a drillhole/sample (up to 2 decimal places). Must be accompanied by an MGA/AMG northing and zone. | | | | | |
| Northing | 10 | The MGA/AMG northing coordinate of the location of a drillhole/sample (up to 2 decimal places). Must be accompanied by an MGA/AMG easting and zone. | | | | | |
| Zone | 2 | The MGA/AMG zone of the location of a drillhole/sample. Must be accompanied by an MGA/AMG easting and northing. | | | | | |
| Datum | 10 | The datum used for the coordinates i.e. GDA2020, GDA94, WGS84, AGD66, AGD84 or CLARKE1866 (note: GDA2020 is preferred and will eventually become mandatory) | | | | | |
| XY accuracy | 7 | An indication of the potential error of the coordinates (up to 2 decimal places). | | | | | |
| Survey method | 5 | The method or equipment used to obtain the coordinate. Choose from the following codes: | | | | | |
|  |  | AMGRD controlled AMG/MGA map  CLGRD controlled CLARKE map  DIG digitised  DOCM sourced from documents (e.g. company or DEM report)  GPSAP GPS averaged position  GPSDG GPS differential generic  GPSDM GPS multi base wide area differential (was GPSPD)  GPSDS GPS single base wide area differential (was GPSRD) | | | GPSPD GPS post processed differential (navigation level)  GPSRD GPS real-time differential (navigation level)  GPSSL GPS survey grade (kinematic/static)  GPSSN GPS standalone navigational  GPSUN GPS type unknown  IMGD digital image  INFER inferred  MAP map plot  PHOTO air photo  SUR surveying  UCMAP uncontrolled map | | |