

NYE County NWRPO -Technical Data Report

RID No.	Transmitter	Org.	Receiver	Org.	Key word1	Title/Description
4005	Shettel	GMII	Qarc	NYE	EWDP	Isotopic Analytical Results From The Institute Of Geological & Nuclear Science (igns - New Zealand) For Ewdp Water Samples Collected During Spring 2000 / Hydrogeochemistry
Doc. Date	3/14/2001	General Doc. Type	QA PROGRAM DOC	Keyword2	H2O	
Entry Date	3/14/2001	Detailed Doc. Type	DATA	Keyword3	ANALYSIS	
Data Originator Preparer	U. Morgenstern / D. L. Shettel					
Title of Data	ISOTOPIC ANALYTICAL RESULTS FROM THE INSTITUTE OF GEOLOGICAL & NUCLEAR SCIENCE (IGNS - NEW ZEALAND) FOR EWDP WATER SAMPLES COLLECTED DURING SPRING 2000 / HYDROGEOCHEMISTRY					
Description of Data	MS Excel file (IGNS15jan01.xls) contains radiocarbon dates (percent modern carbon or PMC), tritium (TU), total dissolved inorganic carbon (TDIC), stable isotopic ratio analyses (SIRA) for carbon, oxygen, and hydrogen, and associated uncertainties (1 sigma) for PMC, TU; well site names and Bennett pump depths.					
Data Collection Method	Unfiltered water samples were collected from Bennett pump discharge (after discharge of at least 3 wellbore volumes) in duplicate set of 1L glass and 1L low density polyethylene (LDPE) bottles.					
Data Location(s)	EWDP locations NC-19d, -05sb, -12pa, -12pb, -12pc, -15p, -01dx, and -19p at depths specified in parentheses in "GMII carbon sample #" column.					
Data Collection Period(s)	13-25 May 2000					
Data Source(s)	Laboratory of Inst. for Geological and Nuclear Sciences, Ltd., New Zealand.					
Data Censuring	Not all derived radiocarbon numbers are in spreadsheet (such as age, del 14C, etc.); see original laboratory results for these (RID#4006) under Sample ID CNEV #.					
Data Processing	Laboratory data reduction performed by IGNS (New Zealand); data compiled in MS Excel spreadsheet for distribution by GMII.					
Data Limitations	TDIC data are indicative. Depth of Bennett pump is usually within the length of screened section of a piezometer well, or corresponds to a packed off section with a sampling port of a Westbay completion. 1 sigma uncertainties are specified in spreadsheet for PMC and TU; SIRA data uncertainties are plus/minus 0.1 per mil (o/oo), except hydrogen is plus/minus 1 per mil (o/oo).					
Governing QA Docs.	TP8.1					
Frequency of Transmittal	as required by PI					
Direct Questions About Data To-	Reina Downing					