

SCHEDULE

Curtin University Assets:	
SHRIMP	
GeoHistory laboratory	LA-SC-ICPMS (quad)
	LA-MC-ICPMS (multi-collector)
	LA-SS-ICPMS (split stream)
Low temperature thermochronology	Apatite conventional U-He
	Zircon conventional U-He
Selfrag/Mineral separation laboratory	
Digital mineralogy hub	
Argon Isotope facility	
Microscopy & Microanalysis	Light microscopes
	SEM (Zeiss Evo)
	FESEM (Zeiss Neon & Tescan Mira)
	TEM (FEI Talos)
	XRD
	SAXS
	In situ XRD
Radiogenic isotope facility	
X-ray photoelectron spectroscopy laboratory	
Geoscience atom probe facility	LYRA FIBSEM-TOF
	CAMECA LEAP
Experimental geochemistry facility	
UWA Assets:	
TEM	JEOL 2100 TEM
	FEI Titan ChemiSTEM
SEM	FEI Verios 460 XHR
	FEI Helios FIB
	Zeiss 55 VP-FESEM
	Zeiss 55 VP-SESEM-SP Cryo
	TESCAN VEGA3
	JEOL 8530 microprobe
OPCON	Zeiss Axioskop
	Olympus IX-81 inverted fluorescence microscope
	Aperio Scanscope XT
	Aperio Scanscope OS
	Nikon A1Si confocal microscope
	Nikon A1-R-MP confocal microscope
	Leica TCS SP2 multiphoton confocal microscope (PC2 lab)
	BioRad MRC 1000/1024 UV confocal microscope

	Nikon A1-R FLIM (Super Res)
	Nikon SIM (Super Res)
	Nikon Ti 6 Colour fluorescence (Super Res)
	Nikon STORM (Super Res)
	PALM Axiovert 135 (Laser micro dissecter)
AFM/SPM	WITec Alpha AFM/Raman
	Digital Instruments SPM (Scanning Probe Microscope)/ AFM
	Hysitron NanoIndenter
	Trio Keysight AFM/STM
XRD – Bayliss	Oxford Diffraction Gemini
	Oxford Diffraction Xcalibur
	Panalytical Empyrean XRD
BIF	Cri Maestro 2
	Caliper IVIS Lumina II
	Skyscan 1176 micro-CT
MATERIALS MICRO-CT	Zeiss / Xradia Versa XRM-520 Micro-CT
FLOW	Fluidigm CyTOF
	BD FACSCalibur
	BD FACSCanto II (PC2-HPI)
	BD FACSCanto II (PC2-HPI)
	BD Influx (PC2-HPI)
	Luminex
	BD FACScan (@Royal Perth Hospital)
	BD FACSCanto II
	BD FACSCalibur (@Bayliss, 3rd floor)
MS	Thermo Fusion Orbitrap
	Shimadzu GCMS QP2010
	Waters GCT
	Waters LCT Premier
NMR	Bruker Avance 600MHz NMR spectrometer
	Bruker Avance 500MHz NMR spectrometer
	Varian 400MHz NMR spectrometer
	Varian INOVA 300MHz NMR spectrometer
ICPMS	2 x (Neptune Plus and NU1) MC-ICPMS
	High-resolution ICPMS (Thermo ELEMENT-XR)
	Quadrupole ICPMS (Thermo X-series)
	ArF 193 nm UV excimer laser systems (Teledyne platform with Coherent laser)
CSIRO Assets	
Microscopy & Microanalysis	Nikon Eclipse LV100N pol Microscope
	Zeiss AXIO Microscope
	FEI XL40 Controlled Pressure SEM

	Zeiss Ultra Plus FEGSEM with EBSD
	QEMSCAN
	JEOL 7001F Field Emission SEM
	Bruker D4 XRD
	Panalytical Empyrean XRD
	Zeiss Versa XRM-500 Micro-CT
	Bruker Tornado μ XRF mapping system
	Netzsch Thermal Analysis System
ARCF Maia Mapper (quant. μ XRF imaging)	
Drill Core Laboratory	Geotek MSCL-S Multi Sensor Core Logger
	HyChips Automated Hyperspectral Spot Analysis system
	Line Scan XRF (to be acquired FY2018)
	Hyperspectral imaging (to be acquired FY2018)
Particle Analysis Facility	Laser diffraction particle sizers, automated microscopy shape analysis – dry and wet, BET surface area and porosity analysis
Melbourne Node	INEL diffractometers