

Metallogeny and Exploration in North-East Queensland

7 – 8 December 2017
James Cook University
Townsville QLD

Venues:

Thursday 7th December – Central Lecture Theatre (Building 005-001)

Friday 8th December – Endeavour Room, University Halls

(See included map for venue locations)

Speaker Schedule 7th December

Time	Title	Speaker	Affiliation
8.30	General venue and campus Introduction		JCU
8.40	Intrusion-related mineral systems of NE QLD - completion of the 4-year program	Vladimir Lisitsin	GSQ
9.00	Mt Carlton high-sulphidation Au-Ag-Cu deposit	Fredrik Sahlstrom	JCU
9.20	Metallogeny of the northern Bowen Basin	Isaac Corral	JCU
9.40	Intrusion-related gold deposits in north Queensland	Gregg Morrison	Klondike Exploration
10.00	Break		
10.30	Updated geology and metallogeny of the Charters Towers Province	Simon Beams	Terra Search
11.10	Metallogeny of the Georgetown region	Gregg Morrison	Klondike Exploration
11.50	Carboniferous and Permian gold deposits of the Cape York Peninsula	Vladimir Lisitsin	GSQ
12.10	Metallogeny of the Chillagoe district	Peter Illig	JCU
12.40	Lunch		
13.30	Geology of the Watershed W deposit	Jaime Poblete	JCU
13.50	Geology of the Mt Carbine W deposits	Yanbo Cheng	JCU
14.10	Wolfram Camp W-Mo-Bi deposit	Kairan Liu	JCU
14.30	Overview of Sn-W mineralisation in the Herberton and Kangaroo Hills districts	Zhaoshan Chang	JCU
14.50	Igneous geochemistry controls magmatic-hydrothermal metallogeny	Phil Blevin	GSNSW
15.10	Break		
15.40	The volcanic-plutonic connection and magma fertility indicators in the Herberton Sn-W-Mo mineral field	Yanbo Cheng	JCU
16.00	Magma fertility related to Au-Cu deposits in northern Bowen Basin: Methodology	Helge Behnsen	JCU
16.20	Magma fertility assessment of the northern Bowen Basin	Isaac Corral	JCU
16.40	Discussion and feedback		

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8.30	General venue and campus introduction		JCU
8.40	Using regional geophysics and geochemistry in exploration in NE QLD	Simon Beams	Terra Search
9.10	Using geochemistry in regional exploration for IRGS and epithermal Au deposits	Ned Howard	Evolution Mining
9.40	Deposit scale multi-element geochemical classification and zoning	Gregg Morrison	Klondike Exploration
10.00	Break		
10.40	Deposit classification in the Georgetown region, using timing relations, quartz textures and geochemistry	Ashley Cody	Terra Search
11.00	Agate Creek Epithermal Gold project	Scott Hall	Laneway Resources
11.20	Kidston gold deposit - geological setting and origin	Gregg Morrison	Klondike Exploration
11.40	The Capsize porphyry prospect	Isaac Corral	JCU
12.00	Genetic relationships between orogenic and intrusion-related gold deposits in NE QLD	Vladimir Lisitsin / Gregg Morrison	GSQ/ Klondike Exploration
12.20	Lunch		
13.20	Panel discussion: future research and data acquisition to assist exploration in NE QLD		

Poster and Core Display

13.50 -17.00	Granite Castle	Stuart Moore	
	Watershed		JCU / Vital Metals
	Mt Carbine		JCU / Carbine Tungstan
	Mt Carlton		JCU/ Evolution Mining
	Red Dome		JCU / Auctus
	Mungana		JCU / Auctus
	Red Cap		JCU / Auctus
	King Vol		JCU / Auctus
	Lolworth Breccia Gold Deposits	Mike Cussen	MegaX
	Newcastle Range epithermal gold deposits	Stewart Parker	MegaX
	Kidston	Gregg Morrison	Klondike Exploration
	Charters Towers geology and metallogenic maps	Simon Beams	Terra Search
	Georgetown metallogenic map	Ashley Cody	Terra Search
	Quartz textures in Georgetown gold deposits	Ashley Cody	Terra Search
	Piccadilly gold deposit	Stephen Wegner	Terra Search
	Ravenswood gold deposit	Kobie Johnson	Resolute Mining
	Hadleigh Castle	Brett Duck	Denjim
15.00	Break		
17.00	Closing		

- 01 Ken Beck Chancellery Building
- 02 Computer Centre
- 03 Humanities
- 04 Social Sciences
- 05 Central Lecture Theatre
- 06 The Green Plate
- 07 International Admissions
- 08 International Student Centre
- 09 Multi-purpose Building 1 and Audio Visual Services
- 10 International Recruitment and GATCF Lab
- 12 Refectory
- 13 Student Association
- 14 Engineering and Physical Sciences 2
- 15 Engineering and Physical Sciences 1
- 16 Store
- 17 Faculty of Science and Engineering
- 18 Eddie Koki Makoa Library
- 18A End of Ride Facility
- 19 Kevin Stark Research Building
- 20 Molecular Genetics Laboratory
- 21 Molecular Sciences
- 22 Biological Sciences Technical Store
- 23 Marine and Tropical Biology 1
- 24 Glass House A
- 25 Nursing Sciences
- 26 St George Knapp Auditorium
- 27 Law
- 28 Marine and Tropical Biology 2
- 29 Student Mall
- 30 School of Indigenous Australian Studies
- 31 Immunogenetics Research Facility
- 32 St George Fisher Research Building
- 33 School of Indigenous Australian Studies Media Centre
- 34 Earth and Environmental Sciences
- 35 Sport Store
- 39 Medical 1
- 40 Padua Theatre
- 41 Public and Indigenous Health
- 42 Anton Brent Centre
- 43 Rehabilitation and Exercise Sciences
- 44 JCU Pathways College
- 45 Medical Lecture Theatre
- 46 Anatomy and Clinical Skills
- 47 Pharmacy and Medical Research
- 50 Equipment Shed - Estate Office
- 53 Cyclone Testing Station Wind Tunnel
- 54 Demountable C
- 55 Demountables A and B
- 56 Facilities Workshop
- 57 Estate Office
- 58 Mechanical Engineering Workshop
- 59 Bulk Store 1
- 60 Bulk Store 2
- 61 Engineering Lab and Pilot Plant
- 61A Chemical Engineering Garage
- 62 Chemical Waste Storage
- 63 ATSP General Store
- 65 AMS@JCU Aqua Shed
- 66 Garden Shed
- 67 Marine and Aquaculture Research
- 69 CO2 Research Glass House
- 70 Animal and Entomology House
- 71 Aquaculture Research
- 76 Zoology Freshwater Research
- 77 Amphibian Research
- 80 The North Queensland Controlled Environment Facility
- 81 Cattle Pens
- 82 Metabolism Unit
- 83 Hay Shed
- 85 Aquatic Pathology Lab
- 86 Small Animal House
- 87 Veterinary and Biomedical Sciences
- 88 Barra Shed
- 89 Microbiology Teaching Lab
- 90 Medical Laboratory Science Teaching Lab
- 91 Veterinary and Biomedical Sciences Store
- 92 Physiology and Pharmacology Research Lab
- 93 Central Solvent Store
- 94 Veterinary and Biomedical Sciences
- 95 Utsare Centre
- 96 Pump House
- 97 Veterinary and Biomedical Sciences
- 99 Sport and Recreation Centre
- 100 Squash Courts
- 101 Cricket Pavilion
- 102 Veterinary Anatomy and Pathology
- 103 Lamb Shed
- 104 Veterinary Emergency Centre and Hospital
- 105 Veterinary Amenities Building
- 106 Veterinary Reproduction Facility
- 107 Veterinary Post-Grad Facility
- 108 Veterinary Pathology and Biomedical Sciences
- 110 MARFU Teaching Facility
- 111 University Hall - A and B Wings
- 112 University Hall - Administration
- 113 University Hall - Store
- 114 University Hall - Townhouse 5
- 115 University Hall - Townhouse 4
- 116 University Hall - Townhouse 3
- 117 University Hall - Townhouse 2
- 118 University Hall - Townhouse 1
- 119 University Hall - Manager's Residence
- 120 Uni Hall Storage Shed
- 121 Uni Hall Storage Shed 2
- 122 Pig Shed
- 131 Chaplaincy
- 132 Uni Kids
- 133 Student Mall
- 134 Education Central
- 136 St Marks College - Clark Wing
- 137 St Marks College - McGregor Wing
- 145 Australian Tropical Science and Innovation
- 146 ATSP Booster Pump House
- 148 ATSP Support
- 150 ATSP Glass House
- 151 ATSP Shade House
- 152 ATSP Vehicle Shelter
- 161 The Catholic College of St Raphael and St Paul - O'Leary
- 162 The Catholic College of St Raphael and St Paul - O'Leary
- 164 The Catholic College of St Raphael and St Paul - Knapp
- 166 The Catholic College of St Raphael and St Paul - Tom Priestly
- 168 Mackillop Wing
- 191 Rotary International House - Administration
- 192 Rotary International House - Common Room 1
- 193 Rotary International House - A Block
- 194 Rotary International House - A Block
- 195 Rotary International House - D Block
- 196 Rotary International House - C Block
- 197 Rotary International House - F Block
- 198 Rotary International House - E Block
- 199 Rotary International House - Laundry and Toilets
- 200 Rotary International House - Common Room 2
- 201 The John Fynn College - Rosendale House
- 202 The John Fynn College - Martin House
- 203 The John Fynn College - Stewart Close
- 204 The John Fynn College - Mackay House
- 205 The John Fynn College - Prigg Wing
- 206 The John Fynn College - Dining Hall
- 207 The John Fynn College - Harrison Wing
- 208 Pool Change Rooms
- 243 Cow Shed Theatre
- 251 E Block
- 252 B Block
- 253 D Block
- 254 Western Campus Amenities
- 255 B Block
- 256 A Block
- 257 F Block
- 258 Western Campus Annex
- 261 Wester Hall - Manager's Residence
- 262 Wester Hall - A Block
- 263 Wester Hall - B Block
- 264 Wester Hall - C Block
- 265 Wester Hall - Dining Hall
- 266 Wester Hall - E Block
- 267 Wester Hall - F Block
- 281 George Roberts Hall - Dining Hall
- 282 George Roberts Hall - Manager's Residence
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- 300
- 301 School of Creative Arts Music
- 302 School of Creative Arts Amenities
- 303 Chilled Water Plant
- 310 Chilled Water Tank
- 311 Estate Office Storage Shed
- 340 Western Courts - Administration
- 341 Western Courts - A Block
- 342 Western Courts - B Block
- 343 Western Courts - C Block
- 344 Western Courts - D Block
- 345 Western Courts - E Block
- 346 Western Courts - F Block
- 347 Western Courts - G Block
- 348 Western Courts - H Block
- 349 Western Courts - I Block
- 350 Western Courts - J Block
- 351 Western Courts - K Block
- 352 Western Courts - L Block
- 353 Western Courts - M Block
- 354 Western Courts - N Block
- 403 Sport and Recreation Store
- 404 Equine Shed
- 500 Clinical Practice Building

Parking - available in any permit or non-permit area

**Main entrance
Look for signage**

**University Halls
Lift available to 1st floor**

Central Lecture Theatre

easy walking access/ drop off point

- University Central
- Facilities Management
- Health Sciences
- Marine Sciences
- Recreation
- Science and Engineering
- University Colleges
- Veterinary Sciences
- Western Campus

