GSWA Open Day 2019 program — 22 February 2019, Esplanade Hotel Fremantle

Time	Topic	Speaker
8.15 – 8.45	REGISTRATION	
8.45 – 9.00	Welcome and opening remarks	Hon Bill Johnston MLA, Minister for Mines and Petroleum
SESSION 1	*Chair: Jeff Haworth*	
9.00 – 9.30	The future of mineral exploration geoscience at GSWA: EIS 4 and MinEx CRC	Klaus Gessner
9.30 – 9.50	A new look at lamprophyres and sanukitoids, and their relationship to the Black Flag Group and gold prospectivity	Hugh Smithies
	Morning tea 9.50 – 10.50	
SESSION 2	*Chair: Charlotte Hall*	
10.50 – 11.15	Mineral Systems Atlas — a new approach to the delivery of geoscience data	Sidy Morin-Ka
11.15 – 11.40	Ultrafine soils — the technique, the advances, and the application to GSWA regional map products	Ryan Noble, CSIRO
11.40 – 12.05	Sulfur sources and magmatic sulfide mineralization in the Fraser Zone: insights from mineral prospects	Alex Walker, Curtin University
12.05 – 12.25	Application of innovative geochronology techniques in geoscience mapping and exploration	Brent McInnes, John de Laeter Centre
	Lunch 12.25 – 1.40	
SESSION 3	*Chair: Simon Johnson*	
1.40 – 3.00	In this session, eight 10-minute talks will be given on the following: Eastern Goldfields seismic survey; Capricorn Orogen Passive Seismic Array; State regolith map of Western Australia; The Abandoned Mines Program; Metamorphic studies at GSWA; Carnarvon Basin SEEBASE model; The Yilgarn 2020 project; and Carbon storage in the South West	Klaus Gessner, Ruth Murdie, Sara Jakica, Ian Mitchell, Fawna Korhonen, Charmaine Thomas, Steve Rowins (CET), Dominique Van Gent
	Afternoon tea 3.00 – 3.30	
SESSION 4	*Chair: Klaus Gessner*	
3.30 – 3.55	Microbialites: an untapped resource	Heidi Allen
3.55 – 4.20	The complexity of sediment recycling as revealed by common Pb isotopes in K-feldspar	Simon Johnson
4.20 – 4.30	Interactive feedback session	Angela Riganti
	Sundowner 4.30 – 5.30	