Drilling log for SPC 15 DDH:

Location: AMG 5205510860, RL 434, 68 deg. declination to 310 deg. magnetic = 321 degrees grid; T.D. 134.8m, RL end 310m.

Drilled by: Stacpoole's, Launceston. Drillers: W. Bald, T. Lodge, assisted by J. Walker; 1-5/12/1989, for Savage Resources Ltd.

Precollar drilling:

0-2	light orange brown 5YR 5/6 pulp.
2-8	moderate brown 5YR 4/4 pulp.
8-20	light brown 5YR 6/4 pulp.
20-26	light brown 6YR 6/6 pulp.
26-34	light brown 6YR 5/6 pulp.
34-36	moderate yellowish brown 10YR 5/4 pulp.
36-38	dark yellowish orange 10YR 6/4 pulp.
38-40	yellowish orange 10YR 7/6 pulp.
40-42	greyish orange 10YR 6/4 pulp.
42-44	water struck, light brown 5YR 6/4 mud.
44-46	greyish orange 10YR 7/4 mud.
46-50	more water struck, greyish orange 10YR 6/4 mud.
50-64	greyish orange 10YR 6/4 mud.
64-68	pale yellowish brown 10YR 6/2 mud with chips.
68-80	more water struck, pale yellowish brown mud with chips including schist, medium bluish grey 5B 5/1 and quartz with minor chips of "alteration", light bluish grey 5B 5/1.

Core drilling from 80.9m.

From -to	int.	recovery/description
80.9-81.85	0.95m	full recovery: dark greenish grey 5G 4/1 2-phase banded feldspar chlorite carbonate schist, CSA -5 to +30 with ptygmatic quartz blobs containing up to 10% carbonate at 81.2, 81.4, 81.8 with minor alteration light olive grey 5Y 6/1 about blobs and thin carbonate veins CVA 70 at 81.5, 81.54, 81.69.
81.85-83.0	1.2m	full rec.: speckled massive to spindle laminated feldspar chlorite carbonate actinolite? schist. pyritic quartz blob at 82.9. Quartz carbonate veins with minor magnetite, CVA 60. (a) 3cm at 82.13; central to 15cm alteration, (b) 6cm at 82.57; central to 25cm alteration. The alteration is pinkish brown tough feldspathic rock speckled with carbonate. From 82.91-83.00 alteration about 2 minor carbonate vein CVA 80 at 82.46, quartz veins with minor carbonate; trace magnetite and no alteration margin at 83.0, 83.45, 83.4.
83.0-83.8	0.8m	full rec.: 2-phase feldspar chlorite carbonate actinolite schist, contorted, relatively rich in carbonate. Ptygmatic quartz/carbonate blobs at 83.02, 83.3, 83.45, 83.7. a few hairline veins only.
83.8-84.15	0.35m	full rec.: yellowish grey 5Y 7/2 alteration zone about minor greyish orange pink carbonate veins CVA 75 where adjacent alteration shades to light grey N7. Stylolite at 83.91; CStA 70.
84.15-84.95	0.8m	full rec.: greenish grey 5G 6/1 speckled and minor 2-phase schist (feldspar chlorite actinolite carbonate) some contorted; CSA 0-60 . Quartz carbonate segregation with pyrite at 84.7, carbonate veins with alteration at 84.55, 84.85.
84.95-86.0	1.05m	full rec.: alteration zone, feldspathic speckled with carbonate and minor relicts of schist about veins and stylolites. Veins include quartz carbonate trace magnetite, with marginal stylolites in places. At 85.4 1.5cm, CVA 70 and 85.9, 3.0cm, CVA 70, CSA 80.

86.0-89.45	3.45m	full rec.: dark greenish grey 5GY 3/1 micaceous feldspar chlorite schist with quartz carbonate trace magnetite veins and associated alteration at 86.4, 86.6, 87.4, 88.3, 88.4, 88.45, some with marginal stylolites, also minor quartz, white carbonate and pink carbonate veins without alteration.
89.45-91.55	2.1m	full rec.: light olive grey 5Y 6/1 and light grey N7 altered schist adjacent to vein complexes; veins include quartz and carbonate, 89.45 to 89.82 and at 89.95; 3cm, 90.7; 4cm, 90.9; 1cm, 91.7. Large stylolite at 90.95, clusters of minor pink carbonate gash veins with light grey N7 alteration 90.6-90.7, 91.05-91.25.
91.55-92.45	0.9m	full rec.: greenish grey 5G 5/1 schist with minor pink gash veins.
92.45-92.75	0.3m	full rec.: light olive grey 5Y 6/1 altered? schist grading to sandstone/schist about compound quartz carbonate veins at 92.6 followed by fine grained unaltered schist 92.65-92.75.
92.75-95.9	3.15m	full rec.: sandstone, medium to dark grey N4-N5 with phyllite, greenish black 5GY 2/1 at 93.1, 94.0-94.1. Minor veins with light grey N3 alteration rims.
95.9-96.65	1.75m	full rec.: greenish black phyllite with few white carbonate veins, ptygmatic quartz vein at base.
96.65-96.9	0.25m	full rec.: medium grey N5 to light olive grey 5Y 6/1 altered micaceous chlorite schist, contorted about 2-carbonate and minor quartz vein 1-2cm at 96.8.
96.9-100.35	3.45m	full rec.: schist, medium grey N5; greenish grey 5G 5/1; greenish black 5GY 2/1; olive black 5Y 2/1 with minor veins and quartz blobs. Cherty or feldspathic alteration beds at 97.6; 3cm and (with carbonate margins) at 98.55; 1cm quartz blobs at 98.8, 99.3-100.2.
100.35-101.7	1.35m	full rec.: light grey to greenish grey 5GY 6/1 sandstone to sandy schist alteration? about 2-carbonate vein: white centre zone with greyish orange pink margins 1-2.5cm at 101.0, also minor vein at 101.4.

101.7-103.9	2.2m	full rec.: dark greenish grey 5G 5/1 chlorite mica schist CSA approx 65, contorted; with carbonate veins lacking alteration margins, messy pink at 101.7, CVA 40 at 102.0, CVA 80 at 102.7; 0.5cm, other minor veins.
103.9-104.3	0.4m	full rec.: light grey N7 <u>altered</u> (chlorite) mica schist about 2-carbonate veins; greyish orange pink with some white clustered at 103.95, 104.0, 104.18, 104.22, 104.24
104.3-106.9	2.6m	full rec.: greenish grey 5G 5/1 chlorite mica schist with minor quartz veins, carbonate gash veins and ptygmatic quartz blobs.
106.9-107.4	0.5m	full rec.: grey N6 fine grained sandstone/schist with alteration zones N7, pink carbonate veins 106.9-107.0, 107.18-107.26 and other minor carbonate veins.
107.4-109.2	1.8m	full rec.: chlorite mica schist; dark greenish grey 5GY 4/1, greenish grey 5GY 6/1, brownish grey 5 YR 5/1. Minor alteration to light olive grey 5YR 6/1. Minor veins and quartz blobs, carbonate chlorite veins at 107.5, 108.3. Alteration zone with carbonate, light grey N7 at 107.55-107.7. At 109.1 magnetite quartz carbonate vein without alteration margin. The magnetite is altering to haematite (red) also fine disseminated pyrite.
109.2-109.72	0.52m	full rec.: <u>altered schist</u>; light olive grey 5Y 6/1, and relict fine grained sandstone/schist, greenish grey 5G 6/1. Minor carbonate veins. Base sharp with vein along minor fault.
109.72-110.05	0.33m	full rec.: dark greenish grey 5G 4/1 chlorite mica schist, minor carbonate veins.
110.05-110.6	0.55m	full rec.: <u>alteration</u> zone with <u>large carbonate veins</u>. Predominantly light olive grey fine grained sandstone/schist. From 110.24-110.25 and from 110.3-110.38, SPECIMEN REEF; 2-carbonate veins with quartz and pyrite; the carbonates being siderite? greyish orange 10YR 7/2 and dolomite white N9. The quartz and siderite are banded in a texture observed in "barren vein material" on the old mine dump. From 110.25-110.24 and from 110.25-110.30, medium light grey N6 hard siliceous and/or feldspathic

alteration.

110.6-113.1	2.5m	full rec.: chlorite mica schist and sandy schist, mainly greenish grey 5G 4/1, with patches of light olive grey alteration and minor quartz and carbonate veins and a magnetite bearing carbonate vein at 111.95. From 111.4-111.9, sedimentary banding including light grey N7 sandstone and olive grey 5Y 4/3 schist also greenish grey 5G 5/1 schist. CBA=CSA 80.
113.1-115.6	2.5m	full rec.: fine granular and some banded schist, mainly altered to light olive grey 5Y 6/1 with relicts unaltered schist greenish grey 5G 5/1, some sedimentary bedded intervals with sandstone medium grey N6. CBA 0-30, contorted at base. Carbonate veins at 113.9, 114.05, 115.1, 115.4 each with light grey siliceous and/or feldspathic alteration margin.
115.6-115.75	0.15m	full recovery: fault breccia, clasts of schist and sandstone to 1cm, light grey to greenish grey. Start of FAULT zone.
115.75-116.0	0.25m	0.1m recovery, 40%:gouge clay, schist chips, quartz chips. FAULT.
116.0-117.0	1.0m	0.85m recovery, 85%: FAULT breccia, large clasts of light grey banded schist CBA 0; 116.0-116.4. granular schist CBA 80; 116.4-116.7, alteration with carbonates CBA 45; 116.75-117.9. Gouge clay preserved 116.7-116.75 but lost at the other margins of the larger blocks total core loss 0.15m.
117.0-119.2	2.2m	full rec.: light grey N7 altered schist CSA 0-10 laced with minor carbonate veins; some fuchsite (apple green) along stylolites. Large quartz blob at 118.0.
119.2-119.8	0.6m	full rec.: light grey N7 altered schist, feldspathic and/or quartz alteration with fuchsite in stylolites, disseminated pyrite and magnetite and isolated larger magnetite crystals, more intensly laced with minor carbonate veins.
119.8-120.4	0.6m	full rec.: light grey N7 altered schist and greenish grey 5G 5/1 granular schist CSA 30. Sparse network of minor carbonate veins, followed by light grey N7 and some fractured,

		light olive grey 5Y 6/1 granular to stylolite laced 2-phase schist. Minor carbonate veins occur as a lacework in the more altered schist.
120.4-121.1	0.6m	full rec.: light olive grey 5Y 6/1 schist, core broken, with stylolite network and harder altered schist with networks of minor carbonate veins; light grey N7, 120.4-120.5; 120.85-120.95.
121.1-121.5	0.4m	full rec.: light grey N7 altered schist (2-phase quartz rich schist) CSA 0, minor carbonate veins; greyish orange pink 5YR 7/2.
121.5-121.8	0.3m	full rec.: light grey N7 altered schist (feldspar and/or quartz) laced with 2-carbonate veins up to 1cm thickness with light olive grey fractured 2-phase schist.
121.8-124.3	2.5m	full rec.: light grey N7 and light olive grey 5Y 6/1 altered 2-phase and granular schist with some relict greenish grey 5G 5/1 schist; 121.8-122.0, 123.6-123.75, 124.2-124.3. Minor carbonate vein networks principally 123.9-124.2.
124.3-125.5	1.2m	full rec.: hard altered schist, light olive grey 5Y 6/1 to light grey N7 with carbonate quartz magnetite pyrite veins at 124.5 (2cm quartz mainly), 124.58, 124.85, 125.35; 1cm. The carbonates are light brownish grey 5YR 7/1 and white N9. The veins include bodies with brownish grey 5YR 4/1 mass colour in which magnetite altering to haematite dominates the colour. Minute metallic specks might be gold but more likely to be copper from the drillers grease. Some disseminated magnetite occurs in the altered schist. There is a network of minor greyish orange pink carbonate veins. CSA 70, CVA 70, VSA 90.
125.5-126.85	1.35m	full rec.: greenish grey 5G 5/1 speckled to 2-phase feldspar chlorite schist with feldspar quartz alteration zones, light grey N7 about networks of minor greyish orange pink carbonate veins. The outer margins of the alteration are light olive grey 5Y 6/1 altered schist. The are also other minor veins.
126.85-128.2	1.35m	full rec.: alteration feldspar and/or quartz rock speckled with carbonate, pale brownish grey

		5YR 7/1 with relicts of 2-phase schist bluish to greenish grey 5B 6/1 to 5G 6/1, altering to light olive grey 5Y 6/1. Veins with quartz carbonate magnetite pyrite at 127.05, 127.1, 127.85.
128.2-130.9	2.7m	full rec.: chloritic 2-phase schist, dark greenish grey 5G 4/1 grading to bluish grey 5B 5/1 in feldspathic phase CSA 0-20 contorted at base. Ptygmatic quartz blobs.
130.9-132.8	1.9m	full rec.: altered schist (feldspar quartz rock) light grey N7 to brownish grey and speckled with carbonate, minor relict schist greenish grey 5G 5/1. At 131.25 quartz carbonate magnetite pyrite vein, 30% magnetite some altering to haematite; 0.5-1.5cm. Minor white carbonate veins.
132.8-134.8	2.0m	full rec.: 2-phase schist, greenish grey 5G 5/1, with quartz blobs and minor veins, without alteration.
		End hole.

Assay notes: source Analabs report 236.1.08.06748; method 309; fire assay fusion; AAS finish, results in ppm.

Sample/depth		Au	Au check
SPC 15	80.5-81.0	<0.008	
SPC 15	81.0-82.0	<0.008	
SPC 15	82.0-83.0	<0.008	
SPC 15	83.0-84.0	<0.008	
SPC 15	84.0-85.0	<0.008	
SPC 15	85.0-86.0	<0.008	
SPC 15	86.0-86.9	<0.008	<0.008
SPC 15	87.3-87.6	<0.008	
SPC 15	88.8-89.5	<0.008	
SPC 15	89.5-90.5	0.010	
SPC 15	90.5-91.5	<0.008	

SPC 15	92.4-92.6	<0.008	
SPC 15	100.9-101.3	<0.008	
SPC 15	103.7-104.2	<0.008	
SPC 15	110.1-111.1	<0.008	
SPC 15	113.0-114.0	<0.008	
SPC 15	114.0-115.0	<0.008	
SPC 15	115.0-116.0	<0.008	
SPC 15	116.0-117.0	<0.008	
SPC 15	117.0-118.0	<0.008	
SPC 15	118.0-119.0	<0.008	
SPC 15	119.0-120.0	<0.008	
SPC 15	120.0-121.0	<0.008	<0.008
SPC 15	121.0-122.0	<0.008	
SPC 15	122.0-123.0	<0.008	
SPC 15	123.0-124.0	<0.008	
SPC 15	124.0-125.0	<0.008	
SPC 15	125.0-126.0	<0.008	
SPC 15	126.0-127.0	<0.008	
SPC 15	127.0-128.0	<0.008	
SPC 15	131.0-132.0	<0.008	
SPC 15	132.0-133.0	<0.008	