



ck DP-0-12

DP-0-18

DP-T-2-82

DP-C-1-82

DP-C-1-82

CHINQUAPIN 7.5
ADVANCE SHEET

Bob Pickett
or Dalton

11/25/86

CHINQUAPIN CORE HOLE

DP-C-1-82

3/23/82

$$19'6 - 28' = 6.5' / 8.5 = 76.5\% \text{ RECOVERY}$$

$$28 - 36'10'' = 8.5' / 8.7 = 98.7\% \text{ RECOVERY}$$

$$36'10'' - 38' = 1.65'' / 1.2'' = 46\% \text{ RECOVERY}$$

$$38 - 48 = 1.4' / 10' = 14\% \text{ RECOVERY}$$

$$48 - 58 = 5.2 / 10' = 51\% \text{ RECOVERY}$$

$$58 - 63'1'' = 5'1'' / 5'1'' = \sim 100\% \text{ RECOVERY}$$

$$63'1'' - 68' = 4.6'' / 4'11'' = 90\% \text{ RECOVERY}$$

$$68 - 78 = 9'4'' / 10' = 94\% \text{ RECOVERY}$$

$$78 - 79 = 1.0 / 1.0' = 100\% \text{ RECOVERY}$$

$$79 - 88 = 8.3 / 9' = 92\% \text{ RECOVERY}$$

$$88 - 98 = .9'' / 10' = 9\% \text{ RECOVERY}$$

$$98 - 105 = \sim 1'4'' / 7' = 19\% \text{ RECOVERY}$$

J.R. REID, JR.

CRUSHED STONE CONSULTANTS

2200 TYSON ST.

RALEIGH, NC

S?SARL9800-129 XP

S?SFLORIDA ROCK / US

32

2/11/03 09:53:5

QuantAS Semi-Quantitative Analysis Result

File Name: AGGREGAT.ASQ
Description: DP-C-1-82 76'2"-76'6"
Matrix Type: Oxide
Sample Identity: 76'2"76'6" 021103

File Date: 2/11/03 09:53:5

Elements	Net Intensity (Kcps)	Concentration (%)	Normalised Concentration (%)
CaO	381.349	43.4 %	45.3 %
SiO2	32.872	11.8 %	12.3 %
Al2O3	3.151	1.42 %	1.48 %
MgO	5.272	1.14 %	1.19 %
Fe2O3	12.251	0.958 %	1.00 %
SO3	2.252	0.497 %	0.519 %
K2O	3.945	0.394 %	0.411 %
P2O5	0.921	0.333 %	0.348 %
TiO2	0.442	0.119 %	0.124 %
SrO	2.083	500 ppm	520 ppm
Cr2O3	0.222	360 ppm	380 ppm
Na2O	0.085	350 ppm	370 ppm
ZrO2	0.803	200 ppm	210 ppm
MnO	0.028	29 ppm	31 ppm

Known elements:
LOI 37.090 37.090

Film:

Binder/Flux: Aspirin
Concentration: 6.10 %
Weight: 0.325 [g]
Sample Weight: 5.000 [g]

Scan time factor: 1

Total number of elements identified: 14

Analysis total before normalisation to 100% : 97.28

ARL9800-129 XP

FLORIDA ROCK / US

FR 7110 328

2/11/03 07:58:1

QuantAS Semi-Quantitative Analysis Result

File Name: AGGREGAT.ASQ
Description: DP-C-1-82 19'6-20' (0.4'SPL)
Matrix Type: Oxide
Sample Identity: 19'6-20' 021103

File Date: 2/11/03 07:58:1

Elements	Net Intensity (Kcps)	Concentration (%)	Normalised Concentration (%)
CaO	417.413	44.6 %	45.1 %
SiO2	18.502	6.62 %	6.70 %
Al2O3	3.225	1.46 %	1.48 %
MgO	6.157	1.36 %	1.37 %
Fe2O3	16.538	1.28 %	1.29 %
BO3	2.528	0.515 %	0.521 %
K2O	5.044	0.462 %	0.467 %
P2O5	0.512	0.170 %	0.172 %
PiO2	0.194	520 ppm	530 ppm
SrO	2.019	470 ppm	470 ppm
MnO	0.381	390 ppm	400 ppm
Cr2O3	0.057	91 ppm	92 ppm
ZnO	0.084	67 ppm	67 ppm
Ag2O	0.039	19 ppm	19 ppm

Known elements:
LOI 42.750 42.750

Film:

Binder/Flux: Aspirin
Concentration: 6.10 %
Weight: 0.325 [g]
Sample Weight: 5.000 [g]

Scan time factor: 1

Total number of elements identified: 14

Analysis total before normalisation to 100% : 99.35

QuantAS Semi-Quantitative Analysis Result

File Name: AGGREGAT.ASQ
Description: DP-C-1-82 31.2'-31.7'
Matrix Type: Oxide
Sample Identity: 31.2'-31.7' 021103

File Date: 2/11/03 08:13:0

Elements	Net Intensity (Kcps)	Concentration (%)	Normalised Concentration (%)
CaO	466.722	48.3 %	51.6 %
SiO2	9.475	3.32 %	3.55 %
MgO	5.198	1.14 %	1.22 %
Fe2O3	6.410	0.525 %	0.561 %
Al2O3	0.939	0.424 %	0.453 %
SO3	1.572	0.302 %	0.323 %
P2O5	0.759	0.236 %	0.252 %
K2O	1.725	0.152 %	0.162 %
SrO	1.776	460 ppm	490 ppm
TiO2	0.105	290 ppm	310 ppm
MnO	0.269	290 ppm	310 ppm
Cr2O3	0.093	160 ppm	170 ppm
Cl	0.058	75 ppm	80 ppm
ZnO	0.009	7 ppm	8 ppm
ZrO2	0.007	2 ppm	2 ppm

Known elements:
LOI 41.700 41.700

Film:

Binder/Flux: Aspirin
Concentration: 6.10 %
Weight: 0.325 [g]
Sample Weight: 5.000 [g]

Scan time factor: 1

Total number of elements identified: 15

Analysis total before normalisation to 100% : 96.27

1177330

??\$ARL9800-129 XP

??\$FLORIDA ROCK / US

2/11/03 08:48:2

QuantAS Semi-Quantitative Analysis Result

File Name: AGGREGAT.ASQ
Description: DP-C-1-82 48'3"-48'6"
Matrix Type: Oxide
Sample Identity: 48'3"-48'6" 021103

File Date: 2/11/03 08:48:2

Elements	Net Intensity (Kcps)	Concentration (%)	Normalised Concentration (%)
CaO	470.419	46.5 %	46.5 %
SiO2	11.345	3.87 %	3.88 %
MgO	3.677	0.808 %	0.809 %
Fe2O3	4.996	0.385 %	0.386 %
Al2O3	0.633	0.281 %	0.282 %
SO3	1.143	0.215 %	0.216 %
K2O	1.347	0.114 %	0.114 %
P2O5	0.272	830 ppm	830 ppm
Na2O	0.132	570 ppm	570 ppm
KrO	1.497	330 ppm	330 ppm
PbO2	0.094	250 ppm	250 ppm
Cr2O3	0.092	150 ppm	150 ppm
MnO	0.079	82 ppm	82 ppm

Known elements:
LOI 47.550 47.550

Film:

Binder/Flux: Aspirin
Concentration: 6.10 %
Weight: 0.325 [g]
Sample Weight: 5.000 [g]

Scan time factor: 1

Total number of elements identified: 13

Analysis total before normalisation to 100% : 99.93

FR 7 H 331

\$?SARL9800-129 XP

\$?FLORIDA ROCK / US

2/11/03 09:06:0

QuantAS Semi-Quantitative Analysis Result

File Name: AGGREGAT.ASQ
Description: DP-C-1-82 59'7"-59'9"
Matrix Type: Oxide
Sample Identity: 59'7"-59'9" 021103

File Date: 2/11/03 09:06:0

Elements	Net Intensity (Kcps)	Concentration (%)	Normalised Concentration (%)
CaO	457.177	48.1 %	50.9 %
SiO2	13.095	4.61 %	4.89 %
MgO	5.249	1.15 %	1.22 %
Al2O3	1.415	0.640 %	0.678 %
Fe2O3	7.524	0.615 %	0.651 %
SO3	1.375	0.269 %	0.285 %
K2O	2.488	0.223 %	0.236 %
P2O5	0.398	0.127 %	0.134 %
TiO2	0.123	350 ppm	370 ppm
SrO	1.239	320 ppm	330 ppm
MnO	0.134	150 ppm	150 ppm

Known elements:
LOI 40.930 40.930

Film:

Binder/Flux: Aspirin
Concentration: 6.10 %
Weight: 0.325 [g]
Sample Weight: 5.000 [g]

Scan time factor: 1

Total number of elements identified: 11

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MnO	0.028	29 ppm	31 ppm

Known elements:

LOI 37.090 37.090

Film:

Binder/Flux: Aspirin

Concentration: 6.10 %

Weight: 0.325 [g]

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Known elements:
 LOI 42.750 42.750

Film:

Binder/Flux: Aspirin
 Concentration: 6.10 %
 Weight: 0.325 [g]
 Sample Weight: 5.000 [g]

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Cr2O3	0.093	160 ppm	170 ppm
Cl	0.058	75 ppm	80 ppm
ZnO	0.009	7 ppm	8 ppm
ZrO2	0.007	2 ppm	2 ppm

Known elements:

LOI	41.700	41.700
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Film:

Binder/Flux: Aspirin

Concentration: 6.10 %

Weight: 0.325 [g]

Sample Weight: 5.000 [g]

Scan time factor: 1

Total number of elements identified: 15

Analysis total before normalisation to 100% : 96.27

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Known elements:

LOI	47.550	47.550
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Film:

Binder/Flux: Aspirin
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SiO2	13.095	4.61 %	4.89 %
MgO	5.249	1.15 %	1.22 %
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Fe2O3	7.524	0.615 %	0.651 %
SO3	1.375	0.269 %	0.285 %
K2O	2.488	0.223 %	0.236 %
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TiO2	0.123	350 ppm	370 ppm
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MnO	0.134	150 ppm	150 ppm

Known elements:
 LOI 40.930 40.930

Film:

Binder/Flux: Aspirin
 Concentration: 6.10 %
 Weight: 0.325 [g]
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Scan time factor: 1

Total number of elements identified: 11

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