

QA Report : Warrant Focus

Stock	Warrant Price(Bt)		Underlying (Baht)	Time Left (Year)	Exe. Price (Baht)	Exe. Ratio	Premium (%)	All in Premium (%)	Volatility (%)	Warrant Remaining (Mil.Unit)	Gearing (X)	Expiry Date	Exercise Period
	Market	Black Scholes											
7UP-W4	0.54	0.73	1.57	0.81		1 : 1	-25.8		97.46	404.69	2.91	08-Aug-22	Last Trading of June
AIE-W2	0.90	0.49	5.45	1.54	1.00	1 : 0.25	82.22	-16.28	63.50	1,046.44	1.51	04-May-23	31 Mar 22, 30 Sep 22, 4 May 23
AJA-W3	0.39	0.4	0.6	2.87	0.20	1 : 1	-3.3	-1.67	111.39	1,030.14	1.54	30-Aug-24	Last trading day of Mar, June, Sept, Dec
ALL-W1	0.68	0.45	2.82	0.83	2.55	1 : 1.1	51.77	15.80	36.37	139.07	4.56	17-Aug-22	Last trading day of Mar, Sept
AS-W2	13.30	12.46	18.5	2.27	3.50	1 : 1	6.74	-9.19	80.59	79.50	1.39	24-Jan-24	25 Jun and 25 Dec of each year
B52-W3	0.37	0.38	0.64	0.33	0.24	1 : 1.0336	-2.19	-4.55	59.74	240.27	1.79	14-Feb-22	Last trading day of June, Dec
BANPU-W4	6.65	6.48	13.1	0.95	5.00	1 : 1	2.68	-11.07	64.18	1,691.53	1.97	30-Sep-22	7/10/22
BANPU-W5	5.00	5.39	13.1	1.95	7.50	1 : 1	-7.22	-4.58	64.18	1,691.53	2.62	30-Sep-23	7/10/23
BCPG-W1	5.70	5.61	13.8	1.07	8.00	1 : 1	1.55	-0.72	23.80	17.63	2.42	13-Nov-22	20 Apr 21, 20 Jul 21, 20 Oct 21, 20 Jan 22, 20
BCPG-W2	5.75	5.39	13.8	2.07	8.00	1 : 1	6.67	-0.36	23.80	89.24	2.40	13-Nov-23	20 Jan 23, 20 Apr 23, 20 Jul 23, 20 Oct 23
BC-W1	0.57	0.18	1.59	1.86	3.20	1 : 1	220.65	137.11	61.51	101.39	2.79	29-Aug-23	Last trading day of Mar, June, Sept, Dec
BEYOND-W2	4.34	2.53	10	2.87	10.00	1 : 1	71.87	43.40	38.69	20.96	2.30	30-Aug-24	Every 3 months from the issuance date
BKD-W2	0.26	0	2.24	1.12	4.43	1 : 1.01689	N/A	111.00	29.40	358.73	8.76	30-Nov-22	Last trading day of Nov
BM-W2	3.26	2.35	4.24	1.68	1.00	1 : 1	38.62	0.47	43.29	146.67	1.30	24-Jun-23	24 Dec 21, 24 Jun 22, 24 Dec 22, 24 Jun 23
BROOK-W5	0.55	0.56	0.72	0.59	0.21	1 : 1.173	-1.8	7.01	84.33	186.27	1.54	20-May-22	Last trading day of Mar, June, Sept, Dec
BROOK-W6	0.29	0.24	0.72	2.73	0.65	1 : 1	21.52	30.56	84.33	2,731.13	2.48	12-Jul-24	Last trading day of Mar, June, Sept, Dec
BROOK-W7	0.28	0.25	0.72	4.73	1.30	1 : 1	11.93	119.44	84.33	682.79	2.57	12-Jul-26	Last trading day of Mar, June, Sept, Dec
BTS-W6	1.62	0.6	9.75	0.88	9.90	1 : 1	170.1	18.15	20.65	657.06	6.02	05-Sep-22	30 Sep 2021
B-W6	0.41	0.4	0.94	1.83	0.66	1 : 1	2.83	13.83	70.39	320.30	2.29	16-Aug-23	Last trading day of Mar, Sept
BYD-W6	2.00	0.98	8.45	1.89	0.76	1 : 0.26471	104.64	-17.84	113.21	1,500.48	1.12	08-Sep-23	Last trading day of June, Dec
CEN-W5	0.92	0.82	2.3	4.57	2.14	1 : 1	12.73	33.04	62.70	372.38	2.50	12-May-26	Last trading day of Mar, June, Sept, Dec
CGD-W5	0.17	0.03	0.52	1.51	1.00	1 : 1	521.97	125.00	50.14	1,653.16	3.06	22-Apr-23	Last trading day of June, Dec
CGH-W4	0.29	0.23	1.1	2.62	1.25	1 : 1	24.2	40.00	47.54	1,001.37	3.79	30-May-24	Last trading day of May, Nov
CHAYO-W1	7.50	7.29	11.5	0.61	5.37	1 : 1.211	2.91	14.37	53.80	30.74	1.86	27-May-22	Last trading day of Mar, June, Sept, Dec
CHAYO-W2	3.52	3.07	11.5	1.68	10.25	1 : 1	14.65	19.74	53.80	212.10	3.27	22-Jun-23	Last trading day of Mar, June, Sept, Dec

QA Report : Warrant Focus

Stock	Warrant Price(Bt)		Underlying (Baht)	Time Left (Year)	Exe. Price (Baht)	Exe. Ratio	Premium (%)	All in Premium (%)	Volatility (%)	Warrant Remaining (Mil.Unit)	Gearing (X)	Expiry Date	Exercise Period
	Market	Black Scholes											
CWT-W5	1.62	0.71	3.62	1.95	3.50	1 : 1	127.93	41.44	34.53	62.99	2.23	29-Sep-23	30 Sep 22, 29 Sep 23
DIMET-W3	0.51	0.67	0.7	0.34	0.35	1 : 1.8679	-24.43	42.13	109.15	0.47	2.56	18-Feb-22	20 May, Aug, Nov, Feb
DIMET-W4	0.33	0.3	0.7	1.95	0.50	1 : 1	11.77	18.57	109.15	806.55	2.12	29-Sep-23	Last trading day of Mar, June, Sept, Dec
D-W1	1.32	0.89	4.16	0.38	3.33	1 : 1.2	47.67	14.23	26.69	40.00	3.78	04-Mar-22	Last trading day of Feb, May, Aug ,Nov
ECF-W4	0.60	0.44	1.89	2.62	2.00	1 : 1	36.51	37.57	47.15	191.89	3.15	02-Jun-24	20 Jul, 20 Nov , 20 Mar (2021-2023), 20 Mar 24,
EMC-W6	0.13	0.1	0.27	1.99	0.15	1 : 1	35.74	3.70	56.93	4,216.75	2.08	15-Oct-23	15th of Apr,Oct
ERW-W3	1.13	1.65	3.34	2.66	3.00	1 : 1	-31.64	23.65	81.97	359.63	2.96	14-Jun-24	14 Jun 2024
FLOYD-W1	0.58	0.42	1.8	2.62	2.00	1 : 1	39.73	43.33	49.77	90.00	3.10	30-May-24	Last trading day of May
GLOCON-W4	0.67	0.6	1.27	0.26	0.50	1 : 1	12.01	-7.87	48.39	596.54	1.90	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HYDRO-W1	0.19	0	0.38	0.32	1.00	1 : 0.5	N/A	106.58	96.92	98.12	1.00	10-Feb-22	First business day of Mar, Jun, Sept and Dec
III-W1	5.05	4.75	11.3	1.57	6.00	1 : 1	6.21	-2.21	60.59	152.23	2.24	13-May-23	every 6 months as from the issuance date of the
IP-W1	6.50	3.11	21.3	1.95	25.00	1 : 1	109.14	47.89	37.44	19.22	3.28	30-Sep-23	Last trading day of Mar, June, Sept, Dec
JCKH-W1	0.34	0.3	0.48	2.74	0.25	1 : 1	12.46	22.92	112.09	223.32	1.41	15-Jul-24	Last trading day of Mar, June, Sept, Dec
JCK-W6	0.25	0.02	1.13	1.07	2.00	1 : 1	982.3	99.12	43.61	1,073.37	4.52	12-Nov-22	Last trading day of Mar, June, Sept, Dec
JMART-W3	27.50	28.08	39.75	0.66	10.95	1 : 1.00464	-2.07	-3.29	41.24	20.44	1.45	17-Jun-22	30 Sep 20, 18 Jun 24
JMART-W4	24.50	23.31	39.75	2.67	14.93	1 : 1.00464	5.09	-0.81	41.24	47.85	1.63	18-Jun-24	30 Sep 20, 17 Jun 22
JMART-W5	11.70	5.04	39.75	3.77	70.00	1 : 1	132.12	105.53	41.24	50.98	3.40	26-Jul-25	Last trading day of Mar, June, Sept, Dec
JMT-W3	9.25	5.98	44.75	0.58	41.96	1 : 1.00096	54.81	14.45	39.04	88.35	4.84	16-May-22	31 Mar 21, 16 May 22
J-W1	1.51	0.93	2.88	0.64	2.00	1 : 1	62.82	21.88	44.32	21.22	1.91	10-Jun-22	Last trading day of Mar, June, Sept, Dec
K-W1	0.57	0.48	1.5	0.98	1.00	1 : 1	17.6	4.67	68.26	120.00	2.63	11-Oct-22	30 jun 21, 11 Oct 22
KWM-W1	2.40	2.33	4.6	1.71	1.50	1 : 1	2.85	-15.22	65.38	140.00	1.92	04-Jul-23	4 Jan, July of each year
LIT-W1	0.47	0	3.62	0.52	4.00	2 : 1	N/A	23.48	35.90	157.10	7.70	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W3	0.18	0.02	0.68	3.87	2.00	1 : 1	657.43	220.59	37.81	1,352.97	3.78	29-Aug-25	Last trading day of Mar, June, Sept, Dec
MBK-W1	11.50	11.52	14.2	2.08	2.90	1 : 1.0329	-0.21	1.49	28.31	36.70	1.28	15-Nov-23	15th of each month
MBK-W2	11.00	11.05	14.2	2.58	3.00	1 : 1	-0.49	-1.41	28.31	42.30	1.29	15-May-24	15th of each month

QA Report : Warrant Focus

Stock	Warrant Price(Bt)		Underlying (Baht)	Time Left (Year)	Exe. Price (Baht)	Exe. Ratio	Premium (%)	All in Premium (%)	Volatility (%)	Warrant Remaining (Mil.Unit)	Gearing (X)	Expiry Date	Exercise Period
	Market	Black Scholes											
META-W5	0.25	0.13	0.6	2.04	1.00	1 : 1	88.04	108.33	73.88	312.53	2.40	31-Oct-23	29 Oct 21, 31 Oct 22, 31 Oct 23
MILL-W4	0.44	0.3	1.59	0.73	1.74	1 : 1.268	44.76	46.65	64.24	405.44	4.58	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W6	0.56	0.57	1.59	2.60	1.50	1 : 1	-1.12	29.56	64.24	868.07	2.84	23-May-24	30 Jun 21, 30 Dec 21, 30 Jun 22, 30 Dec 22, 30
MINT-W7	11.20	12.54	33.5	1.78	21.60	1 : 1	-10.66	-2.09	29.35	222.08	2.99	31-Jul-23	15th of Feb, May, Aug, Nov
MINT-W8	5.25	7.82	33.5	1.55	28.00	1 : 1	-32.91	-0.75	29.35	176.11	6.38	05-May-23	15th of Feb, May, Aug, Nov
MINT-W9	4.20	7.36	33.5	2.33	31.00	1 : 1	-42.96	5.07	29.35	161.89	7.98	15-Feb-24	15th of Feb, May, Aug, Nov
MORE-W2	0.47	0.2	1.62	1.01	2.00	1 : 1	133.01	52.47	51.68	543.35	3.45	21-Oct-22	21 Oct 21, 21 Oct 22
MVP-W1	2.80	2.9	4.44	1.72	1.20	1 : 1	-3.6	-9.91	117.76	56.95	1.59	06-Jul-23	Last trading day of June, Dec
NER-W1	5.50	5.16	7.7	0.60	1.80	1 : 1	6.62	-5.19	37.36	202.69	1.40	26-May-22	15 Dec 20, 15 Jun 21, 15 Dec 21, 26 May 22
NEX-W2	9.05	11.05	9	1.58	1.00	1 : 1.56	-18.07	18.20	56.09	223.38	1.55	19-May-23	21 May 23
NFC-W1	0.90	N/A	4.04	0.15	6.48	1 : 1.00255	N/A	82.97	23.73	108.78	4.50	13-Dec-21	Last trading day of June, Dec
NOBLE-W2	1.13	0.16	6.55	2.24	7.60	1 : 1.053	588.2	35.00	27.99	342.35	6.10	12-Jan-24	Last trading day of June, Dec
NRF-W1	3.48	1.23	8.2	1.60	10.00	1 : 1	183.08	64.39	44.26	67.79	2.36	26-May-23	15 Dec 21, 15 Jun 22, 15 Dec 22, 22 May 23
NUSA-W4	0.16	0.01	0.39	1.58	1.00	1 : 1	1176.9	197.44	53.64	1,909.34	2.44	17-May-23	Last trading day of May,Nov
OCEAN-W3	0.53	0.37	1.55	0.32	1.00	1 : 1	42.45	-1.29	41.22	603.22	2.92	13-Feb-22	13 Feb 2022
PACE-W2 <i>SP</i>	0.01	N/A	0.03	1.35	2.00	1 : 1	N/A	6600.00		2,460.22	3.00	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3 <i>SP</i>	0.02	N/A	0.03	0.86	0.25	1 : 1	N/A	800.00		1,167.36	1.50	29-Aug-22	29 Nov 19
PERM-W1	0.92	0.77	2.66	0.66	1.80	1 : 1	18.89	2.26	66.63	249.99	2.89	17-Jun-22	30 Sept 19, 17 Jun 22
PIMO-W2	1.55	1.65	3.78	1.56	1.75	1 : 1	-6.12	-12.70	58.76	176.13	2.44	11-May-23	27 Jan 22, 27 Jul 22, 27 Jan 23, 6 May 23
PJW-W1	1.27	1.27	4.1	2.75	3.00	1 : 1	-0.04	4.15	56.52	191.36	3.23	18-Jul-24	18 July 22, Last trading of May, Nov, 18 Jul 24
PORT-W1	0.60	N/A	2.64	0.61	5.91	1 : 1.09999	N/A	161.21	27.81	46.00	4.84	27-May-22	Last trading day of June, Dec
PPPM-W4	0.32	0.51	0.34	2.79	0.44	1 : 2.28	-37.61	280.98	150.36	228.83	2.42	31-Jul-24	Last trading day of Oct
RS-W4	4.02	1.03	18.1	2.60	29.00	1 : 1	292.01	82.43	31.52	191.49	4.50	23-May-24	Last trading day of May,Nov
RWI-W2	0.51	0.46	2.14	0.22	1.50	1 : 1	9.97	-6.07	74.92	317.06	4.20	06-Jan-22	15th Jun, Sept, Dec 2020, Mar, Jun, Sept 2021
SABUY-W1	7.60	7.34	10.7	2.56	3.19	1 : 1.0203	3.6	0.81	67.90	102.65	1.44	10-May-24	10 Nov 21, 10 May 22, 10 Nov 22, 10 May 23, 1

QA Report : Warrant Focus

Stock	Warrant Price(Bt)		Underlying (Baht)	Time Left (Year)	Exe. Price (Baht)	Exe. Ratio	Premium (%)	All in Premium (%)	Volatility (%)	Warrant Remaining (Mil.Unit)	Gearing (X)	Expiry Date	Exercise Period
	Market	Black Scholes											
SAMART-W3	1.54	1	6.9	2.58	10.00	1 : 1	54.6	67.25	44.11	167.71	4.48	17-May-24	Every 6 months from issuance Date, first exercis
SAMTEL-W1	1.50	0.39	6.5	2.58	12.00	1 : 1	285.69	107.69	36.89	103.00	4.33	17-May-24	Every 6 months from issuance Date, first exercis
SAWAD-W2	11.00	5.7	63.5	3.87	98.29	1 : 1.017	92.82	73.34	33.27	54.92	5.87	30-Aug-25	Last trading day of Feb, Aug
SDC-W1	0.44	0.35	0.71	1.62	0.50	1 : 1	25.01	32.39	99.37	1,731.04	1.61	01-Jun-23	Last trading day of June, Dec
SIMAT-W3	0.93	0.19	4.86	3.59	21.79	1 : 1.3765	397.65	505.97	52.49	37.81	7.19	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W5	2.76	2.52	4.86	2.88	2.00	1 : 1	9.45	-2.06	52.49	159.35	1.76	02-Sep-24	2 Sep 24
SINGER-W2	25.75	24.39	39.5	1.51	14.00	1 : 1	5.59	0.63	46.80	26.37	1.53	21-Apr-23	Last trading day of Mar, June, Sept, Dec
SMT-W3	2.58	2.39	5.95	2.70	4.00	1 : 1	8.12	10.59	56.65	209.11	2.31	30-Jun-24	Last trading day of Mar, June, Sept, Dec
SNP-W2	13.50	13.01	15.1	1.58	1.00	1 : 1	3.79	-3.97	27.42	24.52	1.12	18-May-23	Last trading day of June, Dec
SONIC-W1	3.00	2.27	4.46	1.51	1.00	1 : 1	32.08	-10.31	53.74	274.99	1.49	21-Apr-23	21 Oct 21, 21 Apr 22, 21 Oct 22, 21 Apr 23
SSP-W1	2.58	1.82	13.3	0.35	12.00	1 : 1	41.51	9.62	40.86	101.42	5.16	22-Feb-22	Last Trading day of Nov, Feb
SSP-W2	2.86	1.96	13.3	3.59	20.00	1 : 1	46	71.88	40.86	253.55	4.65	22-May-25	Last Trading day of Feb, May, Aug, Nov
STARK-W1	0.98	0.83	4.46	3.21	5.00	1 : 1	17.4	34.08	38.77	3,968.80	4.55	03-Jan-25	Last trading day of Mar, June, Sept, Dec
STOWER-W3	0.06	0.06	0.11	1.64	0.08	1 : 1	1.11	27.27	188.06	13,157.76	1.83	10-Jun-23	Last trading day of Mar, June, Sept, Dec
SWC-W1	8.25	5.81	9	0.47	0.97	1 : 1.03	42.03	2.53	41.07	127.25	1.12	08-Apr-22	Last business day of every 6 month after the iss
TAPAC-W4	0.42	0.02	4.24	0.41	9.00	1 : 1	2064.26	122.17	61.84	205.93	10.10	18-Mar-22	Last trading day of June, Dec
TCC-W3	0.68	0.97	1.59	0.45	0.81	1 : 1.23886	-30.01	-8.03	99.94	90.67	2.90	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.58	0.85	1.59	1.57	0.90	1 : 1.10801	-31.46	-7.46	99.94	369.34	3.04	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.76	1.33	1.59	6.60	0.50	1 : 1	-42.89	-20.75	99.94	98.41	2.09	24-May-28	Last trading day of Jul
TFG-W3	1.42	0.26	4.5	2.57	5.50	1 : 1	442.09	53.78	22.31	560.76	3.17	14-May-24	Last trading day of May,Nov
TFI-W1	0.18	0.13	0.26	4.22	0.15	1 : 1	33.64	26.92	61.76	3,648.78	1.44	06-Jan-26	3 Mar 21, 30 Jun 21, 30 Sep 21, 30 Dec 21
TGPRO-W3	0.15	0.09	0.35	1.92	0.50	1 : 1	68.57	85.71	86.13	1,944.51	2.33	20-Sep-23	Last trading day of Mar, June, Sept, Dec
TRUBB-W2	0.65	0.24	2.52	2.95	6.00	1 : 1	173.27	163.89	50.10	136.30	3.88	29-Sep-24	Last trading day of Mar, June, Sept, Dec
UREKA-W2	1.80	1.61	3	1.70	1.00	1 : 1	11.75	-6.67	80.27	295.38	1.67	29-Jun-23	Last trading day of Mar, June, Sept, Dec
U-W4	0.01	0	1.82	1.41	5.07	1 : 0.012	N/A	2.15	82.00	141,895.49	2.18	15-Mar-23	Last trading day of Mar, June, Sept, Dec

**QA Report : Warrant Focus**

Stock	Warrant Price(Bt)		Underlying (Baht)	Time Left (Year)	Exe. Price (Baht)	Exe. Ratio	Premium (%)	All in Premium (%)	Volatility (%)	Warrant Remaining (Mil.Unit)	Gearing (X)	Expiry Date	Exercise Period
	Market	Black Scholes											
VGI-W2	0.47	0.04	6.5	0.90	10.00	1 : 1	1001.21	61.08	29.25	1,661.33	13.83	11-Sep-22	Last trading day of Mar, June, Sept, Dec
VIBHA-W3	0.44	0.07	2.16	0.65	2.99	1 : 1.0023	525.58	59.07	41.25	1,011.62	4.92	14-Jun-22	30 Sep of each year
VL-W1	1.18	0.93	1.99	1.52	0.50	1 : 1	26.33	-15.58	50.05	400.00	1.69	27-Apr-23	27 Oct 21, 27 Apr 22, 27 Oct 22, 27 Apr 23
WAVE-W2	0.56	0.51	1.14	2.02	0.70	1 : 1	10.49	10.53	67.59	158.66	2.04	27-Oct-23	Last trading day of Dec 20, 15th Jun, Sept, Dec
WIJK-W2	0.43	N/A	2.52	0.21	3.80	1 : 1.319	N/A	89.29	35.52	124.97	7.73	02-Jan-22	Last Business Day of December of each year.
W-W5	0.11	0	3.92	3.04	2.10	1 : 0.0667	N/A	-2.91	41.35	4,883.48	2.38	31-Oct-24	28 Oct 22, 31 Oct 23, 31 Oct 24
XPG-W4	16.50	18.1	3.34	2.50	0.82	1 : 6.621	-8.82	2770.31	142.60	278.45	1.34	17-Apr-24	Last trading day of Mar, June, Sept, Dec
ZIGA-W1	3.32	2.9	4.66	1.45	1.00	1 : 1	14.54	-7.30	42.81	126.77	1.40	31-Mar-23	Last trading day of Mar, Sept